016.612115
H43
1977

Health Sci.
ISSN 0360-7607

LIB. [redacted]
U. OF ILL./URBANA-CHAMPAIGN

JUL 18 1978

HEMOSTASIS AND THROMBOSIS

.... A Bibliography



DEPOSITORY
JUN 7 1978
UNIV. OF ILL. LIBRARY
AT URBANA-CHAMPAIGN

Annual Compilation 1977

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Institutes of Health

HEMOSTASIS AND THROMBOSIS

A BIBLIOGRAPHY

ANNUAL COMPILATION 1977

VOLUME 13

DIVISION OF BLOOD DISEASES AND RESOURCES
NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
NATIONAL INSTITUTES OF HEALTH

IN COOPERATION WITH

THE NATIONAL LIBRARY OF MEDICINE

DHEW Publication No. (NIH) 78-921

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Institutes of Health

The Hemostasis and Thrombosis Bibliography is prepared by the Division of Blood Diseases and Resources of the National Heart, Lung, and Blood Institute to provide the scientific and medical community with a convenient reference resource in hemorrhagic and thrombotic disorders. Citations are compiled by the computer-based Medical Literature Analysis and Retrieval System (MEDLARS) of the National Library of Medicine.

The domestic subscription price is $39.50 per year, including postage. This includes 12 monthly volumes and the annual compilation. Single issues are $2.30 and the annual compilation is $13.05.

The foreign subscription price is $49.40 per year, including postage. Single issues (foreign) are $2.90 and the annual compilation is $16.35.

Checks or money orders should be included with subscription requests and made payable to the U.S. Government Printing Office, Superintendent of Documents. Mail check and request to:

Superintendent of Documents
United States Government Printing Office
Washington, D.C. 20402

Other correspondence concerning the bibliography should be addressed to:

Division of Blood Diseases and Resources
National Heart, Lung, and Blood Institute
National Institutes of Health
Bethesda, Maryland 20014

TABLE OF CONTENTS

Subject Section 1

Reviews 293

Author Section. 319

Subject Index 1,049

Author Index. 1,129

ACENOCOUMAROL

ADVERSE EFFECTS

[Thrombosis of the central vein of the retina during anticoagulant treatment] Rosselet E.
Bull Soc Ophtalmol Fr 88:362–4, 1976 **(Fre)**

[An intramural hematoma of the small intestine, during anticoagulant therapy: radiological course. Concerning one case] Schutz JF, et al. **J Radiol Electrol Med Nucl** 58(3):221–6, Mar 77 (Eng. Abstr.) **(Fre)**

[Hemarthroses complicating anticoagulant therapy (heparin, oral anticoagulants)] Gerster JC, et al.
Schweiz Med Wochenschr 107(33):1170–2, 20 Aug 77 (Eng. Abstr.) **(Fre)**

ANALYSIS

Determination of acenocoumarol in plasma and urine by double radioisotope derivative analysis. Le Roux Y, et al.
J Pharm Sci 66(7):997–1000, Jul 77

BLOOD

Biotransformation and pharmacokinetics of acenocoumarol (Sintrom) in man. Dieterle W, et al.
Eur J Clin Pharmacol 11(5):367–75, 1977

Binding of four sulphonamides to human albumin. Zini R, et al. **Eur J Clin Pharmacol** 10(2):139–45, 15 Jun 76

Identification and quantification of coumarin congeners in human plasma. pp. 121–5. de Wolff FA, et al.
In: Siest G, Young DS, ed. Drug interference and drug measurement in clinical chemistry. Basel, Karger, 1976. QV 38 I602 1975d.

Gas chromatographic determination of acenocoumarin in human plasma. Bianchetti G, et al. **J Chromatogr** 124(2):331–5, 15 Sep 76

Determination of acenocoumarol in plasma and urine by double radioisotope derivative analysis. Le Roux Y, et al.
J Pharm Sci 66(7):997–1000, Jul 77

GLC determination of plasma acenocoumarol levels. Midha KK, et al. **J Pharm Sci** 66(6):799–802, Jun 77

[Determination of 3-(1'-phenylpropyl)-4-hydroxycoumarin by means of high-performance liquid chromatography (HPLC) (author's transl)] Kinawi A. **Arzneim Forsch** 27(2):360–3, Feb 77 (Eng. Abstr.) **(Ger)**

METABOLISM

Biotransformation and pharmacokinetics of acenocoumarol (Sintrom) in man. Dieterle W, et al.
Eur J Clin Pharmacol 11(5):367–75, 1977

PHARMACODYNAMICS

Normotest--thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex and in coumarin-treated patients: a nonspecific phenomenon. Girolami A, et al. **Am J Clin Pathol** 67(1):57–60, Jan 77

Biotransformation and pharmacokinetics of acenocoumarol (Sintrom) in man. Dieterle W, et al.
Eur J Clin Pharmacol 11(5):367–75, 1977

[Study on the interactions between ditazol and anticoagulants in patients with intracardiac valvular prostheses] Jacovella G, et al. **Clin Ter** 80(5):425–31, 15 Mar 77 **(Ita)**

THERAPEUTIC USE

Normotest--thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex and in coumarin-treated patients: a nonspecific phenomenon. Girolami A, et al. **Am J Clin Pathol** 67(1):57–60, Jan 77

Thromboembolic complications with the cloth-covered Starr-Edwards aortic prosthesis in patients not receiving anticoagulants. Limet R, et al. **Ann Thorac Surg** 23(6):529–33, Jun 77

[Surgical correction of atrial septal defect indicated by deep vein thrombosis] Békássy S, et al. **Orv Hetil** 118(19):1115–6, 8 May 77 **(Hun)**

URINE

Biotransformation and pharmacokinetics of acenocoumarol (Sintrom) in man. Dieterle W, et al.
Eur J Clin Pharmacol 11(5):367–75, 1977

Determination of acenocoumarol in plasma and urine by double radioisotope derivative analysis. Le Roux Y, et al.
J Pharm Sci 66(7):997–1000, Jul 77

ADHESIONS

Prevention of peritoneal adhesions with aprotinin (trasylol). Mooney RA. **J Int Med Res** 4(5):360–3, 1976

A physiologic basis for the adhesion-free healing of deperitonealized surfaces. Buckman RF Jr, et al.
J Surg Res 21(2):67–76, Aug 76

[Prophylaxis of peritoneal adhesions with streptokinase and streptodornase (Varidase). An experimental study in animals (author's transl)] Schütze U, et al.
Munch Med Wochenschr 119(4):123–6, 28 Jan 77 (Eng. Abstr.) **(Ger)**

[Visceral adhesions] Staroslawski R. **Pol Przegl Chir** 49(10):1227–31, Oct 76 **(Pol)**

[Complex treatment of adhesions in the abdominal cavity] Zhenchevskii RA. **Khirurgiia (Mosk)** (12):8–12, Dec 76 (Eng. Abstr.) **(Rus)**

[Intraperitoneal administration of fibrinolysin, hydrocortisone and novocaine for the prevention of recurrences of adhesive obstruction of the intestines] Toropov IuD. **Klin Khir** (7):63–6, Jul 77 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Biocompatibility and bioabsorption of microfibrillar collagen hemostat in experimental animals. McDonald TO, et al.
Toxicology 7(1):37–44, Feb 77

COMPLICATIONS

[Ulnar nerve neuropathy in the wrist region: surgical findings] Nigst H. **Handchirurgie** 8(2):125–6, 1976 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Roentgenographic assessment of causes of cardiac pacemaker failure and complications. Tegtmeyer CJ.
CRC Crit Rev Diagn Imaging 9(1):1–50, Apr 77 (180 ref.)

[The problem of post-operative complications after colonic surgery because of malignant tumors (author's transl)] Riedler L. **Zentralbl Chir** 102(4):236–42, 1977 (Eng. Abstr.) **(Ger)**

AFIBRINOGENEMIA

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

BLOOD

The effect of ionophore on platelet aggregation in von Willebrand's disease and in congenital afibrinogenemia. A comparison with ristocetin. Girolami A, et al.
Acta Haematol (Basel) 56(3):151–9, 1976

Radioimmunoassay for measurement of fibrinogen. Mohamed FA, et al. **New Istanbul Contrib Clin Sci** 11(3):119–26, Dec 76

[Afibrinogenemia and the Bernard-Soulier syndrome] Dyerberg J, et al. **Ugeskr Laeger** 139(29):1715–9, 18 Jul 77 (Eng. Abstr.) **(Dan)**

[Measurement and clinical significance of erythrocyte sedimentation] Loeliger EA, et al.
Ned Tijdschr Geneeskd 121(17):715–8, 23 Apr 77 **(Dut)**

[Determination of fibrinogen] Yamada S, et al.
Jpn J Clin Med 34 suppl:2380–9, 1976 (118 ref.) **(Jpn)**

COMPLICATIONS

A study of plasma fibrinogen level and plasma fibrinolytic activity in normal & abnormal pregnancy. Hakim A, et al.
J Obstet Gynaecol India 26(5):668–74, Oct 76

CONGENITAL

Afibrinogenemia with intracerebral hematoma. Report of a successfully treated case. Montgomery R, et al.
Am J Dis Child 131(5):555–6, May 77

Surgery in patients with congenital disorders of blood coagulation. Krieger JN, et al. **Ann Surg** 185(3):290–4, Mar 77

DIAGNOSIS

Dysfibrinogenaemia and primary hepato-cellular carcinoma. Barr RD, et al. **Q J Med** 45(180):647-59, Oct 76

Syndromes of intravascular coagulation. Rodríguez-Erdmann F. **Surg Annu** 9:1-28, 1977 (28 ref.)

DRUG THERAPY

Afibrinogenemia with intracerebral hematoma. Report of a successfully treated case. Montgomery R, et al. **Am J Dis Child** 131(5):555-6, May 77

[Use of protamine sulfate, epsilon-aminocaproic acid and serotonin in experimental hypofibrinogenemia and fibrinolysis caused by stimulation of the anticoagulant system] Kalishevskaia TM, et al. **Biol Nauki** (10):69-75, 1976 **(Rus)**

[Use of hemostatic preparations in obstetrical hemorrhages] Pavlovskiĭ DP, et al. **Pediatr Akush Ginekol** (1):33-7, Jan-Feb 76 **(Ukr)**

ETIOLOGY

Defibrination following head injury. Goodnight SH Jr. **Compr Ther** 3(3):25-8, Mar 77

Dysfibrinogenaemia and primary hepato-cellular carcinoma. Barr RD, et al. **Q J Med** 45(180):647-59, Oct 76

[Influence of Pasteurella multocida and Pasteurella-multocida endotoxin on the blood-coagulation-analytic parameter after experimental administration in calves] Schimmel D, et al. **Arch Exp Veterinaermed** 31(2):265-76, 1977 (Eng. Abstr.) **(Ger)**

[The blood coagulation situation in fetal erythroblastosis before and after exchange transfusion] Marca L, et al. **Minerva Pediatr** 29(17):1141-4, 12 May 77 **(Ita)**

[Determination of fibrinogen] Yamada S, et al. **Jpn J Clin Med** 34 suppl:2380-9, 1976 (118 ref.) **(Jpn)**

[Use of protamine sulfate, epsilon-aminocaproic acid and serotonin in experimental hypofibrinogenemia and fibrinolysis caused by stimulation of the anticoagulant system] Kalishevskaia TM, et al. **Biol Nauki** (10):69-75, 1976 **(Rus)**

METABOLISM

[Resolution of Bbeta and gamma chains from normal human fibrinogen Zürich II into 2 variants with each differing sialic acid content] Gati WP, et al. **Schweiz Med Wochenschr** 106(40):1379, 2 Oct 76 (Eng. Abstr.) **(Ger)**

OCCURRENCE

Inherited bleeding syndromes in Iraq. Al-Mondhiry HA. **Thromb Haemostas** 37(3):549-55, 30 Jun 77

PHYSIOPATHOLOGY

The effect of defibrinogenation on pulmonary embolism in dogs. Meissner AG, et al. **Thromb Haemostas** 36(1):140-9, 31 Aug 76

[How does defibrinogenization influence wound healing?] Köhnlein HE, et al. **Med Welt** 27(43):2057-60, 22 Oct 76 **(Ger)**

[Effect of antithrombin III on anticoagulating system function in animals intravenously injected with tissue thromboplastin] Pastorova VE, et al. **Vopr Med Khim** 22(2):240-5, Mar-Apr 76 (Eng. Abstr.) **(Rus)**

THERAPY

[Concentrated antihemophilic globulin in the treatment of hemorrhagic syndromes] Baklaja F, et al. **Bilt Hematol Transfuz** 4(3):61-6, 1976 (Eng. Abstr.) **(Scr)**

VETERINARY

The diagnosis of hemostatic disorders. Kociba GJ. **Vet Clin North Am** 6(4):609-23, Nov 76

ANGIOMA, SCLEROSING

DIAGNOSIS

Juvenile nasopharyngeal angiofibroma. An unusual presentation as an oral mass. Krutchkoff DJ, et al. **Arch Otolaryngol** 103(9):553-6, Sep 77

PATHOLOGY

[Pathology of angiomas of the lip (data on 65 cases)] Buffa D, et al. **Pathologica** 68(979-980):253-9, May-Jun 76 (Eng. Abstr.) **(Ita)**

SURGERY

Transpalatal approach to deeper cranial structures. Konrad HR, et al. **Laryngoscope** 87(2):165-70, Feb 77

ULTRASTRUCTURE

Juvenile nasopharyngeal angiofibroma. An unusual presentation as an oral mass. Krutchkoff DJ, et al. **Arch Otolaryngol** 103(9):553-6, Sep 77

ANGIOMATOSIS

CLASSIFICATION

[Klippel-Trénaunay-Weber syndrome (KTWS)--clinical classification of pathophysiologically separate diseases] Aschberg S, et al. **Lakartidningen** 74(7):563-5, Feb 77 (Eng. Abstr.) **(Swe)**

COMPLICATIONS

Multiple endocrine adenomas in a patient with the Maffucci syndrome. Schnall AM, et al. **Am J Med** 61(6):952-6, Dec 76

Maffucci's syndrome: amesenchymal dysplasia and multiple tumour syndrome. Loewinger RJ, et al. **Br J Dermatol** 96(3):317-22, Mar 77

Neurocutaneous syndromes: pheochromocytomas associated with von Hippel-Lindau syndrome. Lee KR, et al. **J Kans Med Soc** 78(3):120-1, 142, Mar 77

Klippel-Trenaunay syndrome associated with urinary tract hemangiomas. Klein TW, et al. **J Urol** 114(4):596-600, Oct 75

[Association of angiomas and osseous abnormalities excluding Klippel-Trenaunay disease] Van der Molen HR. **Phlebologie** 29(1):25-32, Jan-Mar 76 (Eng. Abstr.) **(Fre)**

[Angiodysplasia and the skeletal system] Vollmar J, et al. **Chirurg** 47(4):205-13, Apr 76 (Eng. Abstr.) **(Ger)**

CONGENITAL

Retino-vascular malformations. Cleary PE. **Trans Ophthalmol Soc UK** 96(2):213-5, Jul 76

DIAGNOSIS

[Diffuse angiomatoses of bones. 1 case with osteonecrosis of humerus head osteonecrosis] Rondier J, et al. **Rev Rhum Mal Osteoartic** 44(5):347-53, May 77 **(Fre)**

[Exceptional variant of the Sturge-Weber disease: intracranial angioblastic meningioma and skin hemangioma presenting as a 'sneak lesion'] Costa A. **Arch De Vecchi Anat Patol** 61(1):77-87, Apr 76 **(Ita)**

OCCURRENCE

[Diffuse angiomatoses of bones. 1 case with osteonecrosis of humerus head osteonecrosis] Rondier J, et al. **Rev Rhum Mal Osteoartic** 44(5):347-53, May 77 **(Fre)**

PATHOLOGY

Multiple primary hemangiomas of bone. Karlin CA, et al. **AJR** 129(1):162-4, Jul 77

[Diffuse angiomatoses of bones. 1 case with osteonecrosis of humerus head osteonecrosis] Rondier J, et al. **Rev Rhum Mal Osteoartic** 44(5):347-53, May 77 **(Fre)**

[Infantile hemangiomatosis of liver] Böhm N, et al. **Med Welt** 27(40):1887-91, 1 Oct 76 **(Ger)**

[Kassaback-Merrit syndrome in diffuse mesenteric engiomatosis and giant splenomegaly] Vicente García V, et al. **Rev Med Univ Navarra** 18(3-4):178-84, Sep-Dec 74 **(Spa)**

RADIOGRAPHY

Multiple primary hemangiomas of bone. Karlin CA, et al. **AJR** 129(1):162-4, Jul 77

Deep venous occlusion in the Sturge-Weber syndrome. Sarwar M. **Rev Interam Radiol** 2(3):159-61, Jul 77

SURGERY

Perforating diathermy coagulation for retinal angiomas. Cardoso RD, et al. **Arch Ophthalmol** 94(10):1702–15, Oct 76

[Early and late therapeutic results in brain angiomas and Sturge–Weber syndrome in the light of clinical and electroencephalographic studies] Gościński I. **Neurol Neurochir Pol** 11(4):461–4, Jul–Aug 77 **(Pol)**

THERAPY

Treatment of retinal vascular anomalies. Gass JD. **Trans Am Acad Ophthalmol Otolaryngol** 83(3 Pt 1):OP432–42, May–Jun 77

ANTICOAGULANTS

The utilization of a new strength citrate anticoagulant during centrifugal plateletpheresis. II. Assessment of in vitro platelet function. Mishler JM, et al. **Blut** 34(3):237–41, Mar 77

Utilization of a new strength citrate anticoagulant during centrifugal plateletpheresis. I. Assessment of donor effects. Mishler JM, et al. **Br J Haematol** 34(3):387–94, Nov 76

Effects of acidity, cations and alcoholic fractionation on absorption of heparin from gastrointestinal tract. Sue TK, et al. **Can J Physiol Pharmacol** 54(4):613–7, Aug 76

Laboratory and blood bank needs of a perinatal center. Mannino FL. **Clin Perinatol** 3(2):391–402, Sep 76

Pharmacokinetic interactions with rifampicin. Zilly W, et al. **Clin Pharmacokinet** 2(1):61–70, Jan–Feb 77

Noncardiac surgery in heart patients. Gazes PC. **Compr Ther** 3(8):37–45, Aug 77

Pyrogen tests of infusions, blood anticoagulant solutions, plastic materials and rubber products. Pintér J, et al. **Dev Biol Stand** 34:109–14, 1977

A pharmacist's experience in a teaching program for patients on anticoagulant medication. Kradjan WA. **Hosp Pharm** 11(7):257–8, 262–4, 270, Jul 76

Properties of heparin–poly(methyl methacrylate) copolymers. II. Labarre D, et al. **J Biomed Mater Res** 11(2):283–95, Mar 77

Study of platelet aggregation in vivo. III. Effect of pentoxifylline. Gastpar H, et al. **J Med** 8(3–4):191–7, 1977

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

Stereoselective drug distribution and anticoagulant potency of the enantiomers of phenprocoumon in rats. Schmidt W, et al. **J Pharm Pharmacol** 29(5):266–71, May 77

Membrane oxygenation in baboons without anticoagulants. Fletcher JR, et al. **J Surg Res** 22(3):273–80, Mar 77

How patient education can reduce the risks of anticoagulation. Moore K. **Nursing (Jenkintown)** 7(9):24–9, Sep 77

Liquid preservation of granulocytes for transfusion. McCullough J. **Prog Clin Biol Res** 13:185–91, 1977

Anticoagulation with defibrase during prolonged extracorporeal circulation in the dog. Berglin E, et al. **Scand J Thorac Cardiovasc Surg** 10(3):225–30, 1976

Blood surface interactions in extravascular salvageable blood pools. Rakower SR. **Surg Gynecol Obstet** 145(4):555–8, Oct 77

Studies on the action mechanism of the antihemostatic effect of lodopeptides. Golub AL, et al. **Thromb Haemostas** 35(2):437–46, 30 Apr 76

The prothrombin time test: effect of varying citrate concentration. Ingram GI, et al. **Thromb Haemostas** 36(1):230–6, 31 Aug 76

Studies of the coagulant and anticoagulant principles of Formosan crotalid venoms [proceedings]. Ouyang C, et al. **Toxicon** 14(6):415–6, 76

Use of dextran 75 as a macromolecular agent in centrifugal leukapheresis. Huestis DW. **Transfusion** 17(2):156–8, Mar–Apr 77

Citrate anticoagulants for plateletpheresis. Huestis DW, et al. **Transfusion** 17(2):151–5, Mar–Apr 77

Adenine in blood banking. Simon ER. **Transfusion** 17(4):317–25, Jul–Aug 77

The introduction of adenine fortified blood preservatives: introduction and an interpretation of its history. Swisher SN. **Transfusion** 17(4):309–16, Jul–Aug 77

The in vivo survival of red blood cells stored in modified CPD with adenine: report of a multi-institutional cooperative effort. Zuck TF, et al. **Transfusion** 17(4):374–82, Jul–Aug 77

Plateletpheresis using the haemonetics model 30 cell separator. Nusbacher J, et al. **Vox Sang** 33(1):9–15, Jul 77

Contributions to the optimal use of human blood. VIII. Stability of blood coagulation factor VII during collection and storage of whole blood and plasma. Vermeer C, et al. **Vox Sang** 31(1 SUPPL):55–67, 1976

[Anticoagulant properties of antipyrine] Fiehrer A, et al. **Nouv Rev Fr Hematol Blood Cells** 18(1):194–6, 1977 **(Fre)**

[Stability of anticoagulants derived from 4–hydroxy coumarin. I. Tautomers of 4–hydroxy coumarin, chromane 2,4–dione, 2–hydroxy chromone] Vanhaelen M, et al. **Pharm Acta Helv** 51(10):307–12, 1976 (Eng. Abstr.) **(Fre)**

[Arvin anticoagulant for prolonged extracorporeal membrane oxygenation (author's transl)] White JJ, et al. **Anaesthesist** 25(11):526–8, Nov 76 (Eng. Abstr.) **(Ger)**

[Quality control and standardization of prothrombin time determination for control of oral anticoagulants] Loeliger EA, et al. **Blut** 34(2):147–57, Feb 77 **(Ger)**

[Fibrinolytic properties of a heparin–ocrase complex] Kudrjashov BA, et al. **Folia Haematol (Leipz)** 103(4):573–82, 1976 (Eng. Abstr.) **(Ger)**

[Investigation of a new method for the determination of glucose, using the Greiner Selective Analyzer II (GSA II) (author's transl)] Wasser E. **J Clin Chem Clin Biochem** 15(3):109–13, Mar 77 (Eng. Abstr.) **(Ger)**

[Oral anticoagulation: the therapeutic range with different thromboplastins] Duckert F, et al. **Praxis** 66(10):293–4, 8 Mar 77 **(Ger)**

[Improvement of flow properties using Arwin in acute experimental infarct] Neugebauer G. **Z Kardiol** 65(11):1010–21, Nov 76 (Eng. Abstr.) **(Ger)**

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

[Coagulation activity of the oxalate and citrate plasma] Mel'nikov AF. **Lab Delo** (4):246–7, 1976 **(Rus)**

[Comparative evaluation of aspirin and indirect-action anticoagulants in the prevention of venous thromboses in traumatology and orthopedic practice] Lavrinovich TS, et al. **Ortop Travmatol Protez** (10):35–9, Oct 76 (Eng. Abstr.) **(Rus)**

[Heparin–aspirin complex, its physico–chemical and physiologic properties] Kudriashov BA, et al. **Vopr Med Khim** (1):44–51, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Anticoagulants and platelet–inhibiting drugs in stroke [editorial] Corn M. **Am Fam Physician** 16(3):77–8, Sep 77

Contribution of clinical pharmacists to patient care. McLeod DC. **Am J Hosp Pharm** 33(9):904–11, Sep 76 (165 ref.)

Drug administration in renal failure. Cheigh JS. **Am J Med** 62(4):555–63, Apr 77

Cardiac valve prostheses, anticoagulation, and pregnancy. Limet R, et al. **Ann Thorac Surg** 23(4):337–41, Apr 77

Anticoagulants and heart valve replacement in pregnancy [editorial]. **Br Med J** 1(6068):1047–8, 23 Apr 77

Anticoagulants should not be used routinely for acute myocardial infarction. Russek HI. **Cardiovasc Clin** 8(1):123–9, 1977

Drug metabolism in thyroid disease. Eichelbaum M. **Clin Pharmacokinet** 1(5):339–50, 1976 (44 ref.)

Anticoagulant therapy in myocardial infarction. Vreeken J. **Compr Ther** 2(12):50–2, Dec 76

A computer program for long term anticoagulation control. Wiegman H, et al. **Comput Programs Biomed** 7(2):71–84, Jun 77

Hemorrhagic femoral neuropathy: report of a case due to anticoagulant [letter]. Gilbert GJ, et al. **Dis Nerv Syst** 38(5):365, May 77

Anticoagulant effect and plasma kinetics of fluorophenindione after a single dose in man. Tillement JP, et al. **Eur J Clin Pharmacol** 8(3–4):271–5, 4 Apr 75

Thrombosis on Björk–Shiley aortic valve prosthesis. A case report and review of the literature. Krausz Y, et al. **Isr J Med Sci** 13(4):410–3, Apr 77

Medical grand rounds. Barksdale C. **J Med Assoc State Ala** 46(5):28–32, Nov 76

A simple technique for the frequent intravenous infusion of fluid without heparin into the rabbit. Bowyer DE, et al. **J Pharm Pharmacol** 28(12):878–81, Dec 76

[Valve protheses and anti–vitamin K. Biological study in patients given weak and strong doses of anticoagulants] Boisseau M, et al. **Arch Mal Coeur** 69(2):219–21, Feb 76 (Eng. Abstr.) **(Fre)**

[Crural paralysis complicating anticoagulant therapy and its surgical treatment] Rousselot JP, et al. **Coeur Med Interne** 16(1):53–8, Jan–Mar 77 **(Fre)**

[Pyelocalyceal submucosal hemorrhage in a child treated with oral anticoagulants] Sutton TJ, et al. **J Can Assoc Radiol** 28(1):77–8, Mar 77 (Eng. Abstr.) **(Fre)**

[Hemarthroses complicating anticoagulant therapy (heparin, oral anticoagulants)] Gerster JC, et al. **Schweiz Med Wochenschr** 107(33):1170–2, 20 Aug 77 (Eng. Abstr.) **(Fre)**

[Follow-up studies after removal of arterial occlusions by streptokinase treatment. A 6-year retrospective study including 67 patients (author's transl)] Martin M, et al. **Klin Wochenschr** 55(10):489–93, 15 May 77 (Eng. Abstr.) **(Ger)**

[Intake of drugs and the change in time] Baark H. **Lebensversicherungsmedizin** 28(5):124–31, Sep 76 **(Ger)**

[Anticoagulant therapy following myocardial infarct (letter)] Gillmann H. **Med Klin** 72(9):365, 4 Mar 77 **(Ger)**

[The importance of heterologous implants in cardiovascular surgery (author's transl)] Schlosser V, et al. **Munch Med Wochenschr** 119(17):583–6, 29 Apr 77 (Eng. Abstr.) **(Ger)**

[Standardisation and quality control of the thromboplastin time (Quick test) (author's transl)] Beck EA. **Ther Umsch** 34(5):347–9, May 77 (Eng. Abstr.) **(Ger)**

[Control of oral anticoagulation. The therapeutic range] Duckert F, et al. **Ther Umsch** 34(5):355, May 77 **(Ger)**

[Thrombosis prevention in surgery] Gruber UF. **Ther Umsch** 34(5):356–62, May 77 (Eng. Abstr.) **(Ger)**

[Pecularities of drug therapy in old age] Schmidt UJ, et al. **Z Aerztl Fortbild (Jena)** 71(8):371–6, 15 Apr 77 **(Ger)**

[Prevention of venous embolism and thrombosis] Asbeck F. **ZFA (Stuttgart)** 53(15):846–54, 31 May 77 (37 ref.) **(Ger)**

[Prevention of thrombosis: current status and prospects] Neri Serneri GG. **Cardiol Prat** 27(2):71–6, Jul–Dec 76 (46 ref.) **(Ita)**

[Oral anticoagulants, dextran or low-dose subcutaneous heparin: which drug should be used for prevention of deep venous thrombosis in patients undergoing surgery?] Verstraete M. **Clin Ter** 81(4):291–7, 31 May 77 (Eng. Abstr.) **(Ita)**

[Anticoagulant therapy in pregnant women with implanted artificial valves] Judkiewicz L, et al. **Kardiol Pol** 20(3):201–5, 1977 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Problems encountered in long-term treatment with anticoagulants. Husted S, et al. **Acta Med Scand** 200(5):379–84, 1976

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

Acute toxic nephropathies: clinical pathologic correlations. Muehrcke RC, et al. **Ann Clin Lab Sci** 6(6):477–513, Nov–Dec 76 (265 ref.)

Proceedings: Pregnancy after valve replacement. Oakley C, et al. **Br Heart J** 38(8):876, Aug 76

Pregnancy in patients after valve replacement. Oakley C, et al. **Br Heart J** 38(11):1140–8, Nov 76

Diseases of the urinary system. Drug-induced renal disorders: I. Curtis JR. **Br Med J** 2(6081):242–4, 23 Jul 77

Fatal ovarian haemorrhage associated with haemodialysis [letter]. Glass J, et al. **Br Med J** 2(6049):1448–9, 11 Dec 76

Haemorrhage complicating anticoagulant therapy. Bucknall RC, et al. **Bristol Med Chir J** 90(335–336):57–60, Jul–Oct 75

Haemorrhage complicating anticoagulant therapy. Bucknall RC, et al. **Bristol Med Chir J** 90(335/6):57–60, Jul–Oct 75

Recurrent hemorrhage from corpus luteum during anticoagulant therapy. Wong KP, et al. **Can Med Assoc J** 116(4):388–90, 19 Feb 77

Massive hemopericardium in a patient with postmyocardial infarction syndrome. Blau N, et al. **Chest** 71(4):549–52, Apr 77

Drug interactions and multiple drug administration. May FE, et al. **Clin Pharmacol Ther** 22(3):322–8, Sep 77

Hemorrhagic femoral neuropathy: report of a case due to anticoagulant [letter]. Gilbert GJ, et al. **Dis Nerv Syst** 38(5):365, May 77

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)

A pharmacist's experience in a teaching program for patients on anticoagulant medication. Kradjan WA. **Hosp Pharm** 11(7):257–8, 262–4, 270, Jul 76

Coagulation disorders. Bonnar J. **J Clin Pathol [Suppl]** (10):35–41, 1976

Drug risks in pregnancy revisited. Guillozet N. **J Fam Pract** 4(6):1043–52, Jun 77 (95 ref.)

Severe glomerulonephritis complicated by coagulopathy: treatment with anticoaguland and immunosuppresive drugs. Robson AM, et al. **J Pediatr** 90(6):881–92, Jun 77

Compression neuropathy following brachial arterial puncture in anticoagulated patients. Luce EA, et al. **J Trauma** 16(9):717–21, Sep 76

Hazards of anticoagulation therapy shortly after lumbar puncture [letter]. Sadjadpour K. **JAMA** 237(16):1692–3, 18Apr 77

Hematuria in patients on anticoagulants [letter] Dajani YF. **N Engl J Med** 297(4):222, 28 Jul 77

Femoral neuropathy during anticoagulant therapy. Young MR, et al. **Neurology (Minneap)** 26(12):1173–5, Dec 76

How patient education can reduce the risks of anticoagulation. Moore K. **Nursing (Jenkintown)** 7(9):24–9, Sep 77

Corpus luteum hemorrhages complicating chronic anticoagulation. Perlman JA, et al. **Obstet Gynecol** 49(1 suppl):20–1, Jan 77

Abnormalities in small intestine contour and caliber: a working classification. Goldberg HI, et al. **Radiol Clin North Am** 14(3):461–75, Dec 76

Intraperitoneal and retroperitoneal hemorrhage. McCort JJ. **Radiol Clin North Am** 14(3):391–405, Dec 76

Intracranial hemorrhage associated with anticoagulation therapy. Snyder M, et al. **Surg Neurol** 7(1):31–4, Jan 77

Antithrombin III immunoprecipitation pattern. Mackie I, et al. **Thromb Res** 10(1):159–62, Jan 77

Anticoagulation and retroperitoneal haematoma. Bergqvist D, et al. **Vasa** 5(4):329–31, 1976

[Intra-mural hematomas of the digestive tract under anti-coagulant treatment. Two new cases, one duodeno-jejunal, the other ileocaecal, cured by intestinal resection, partial duodeno-jejunectomy, on the one hand, and right hemicolectomy on the other hand (author's transl)] Reynier J, et al. **Ann Chir** 31(2):169–76, Feb 77 (Eng. Abstr.) **(Fre)**

[Severe retroperitoneal hematomas during anticoagulant therapy] Fournier C, et al. **Ann Med Interne (Paris)** 128(3):307–10, Mar 77 **(Fre)**

[Drug-induced lesions of the stomach and duodenum. Study of 100 cases] Guerre J, et al. **Ann Med Interne (Paris)** 127(8–9):673–6, AUG–SEP 76 **(Fre)**

[The risk of hemorrhage versus the thromboembolic risk in patients with prosthetic valve] Acar J, et al. **Arch Mal Coeur** 70(8):883–92, Aug 77 (Eng. Abstr.) **(Fre)**

[Development of pulmonary embolism] Serradimigni A, et al. **Arch Mal Coeur** 69(9):951–8, Sep 76 (Eng. Abstr.) **(Fre)**

[Thrombosis of the central vein of the retina during anticoagulant treatment] Rosselet E. **Bull Soc Ophtalmol Fr** 88:362–4, 1976 **(Fre)**

[Crural paralysis complicating anticoagulant therapy and its surgical treatment] Rousselot JP, et al. **Coeur Med Interne** 16(1):53–8, Jan–Mar 77 **(Fre)**

[Adverse effects of anticoagulants] Bories H. **Infirm Fr** (179):5–6, Nov 76 **(Fre)**

[Hematomas of the right abdominal muscles during treatment with anticoagulants] Vaur JL. **Infirm Fr** (183):23–6, Mar 77 **(Fre)**

[Pyelocalyceal submucosal hemorrhage in a child treated with oral anticoagulants] Sutton TJ, et al. **J Can Assoc Radiol** 28(1):77–8, Mar 77 (Eng. Abstr.) **(Fre)**

[An intramural hematoma of the small intestine, during anticoagulant therapy: radiological course. Concerning one case] Schutz JF, et al. **J Radiol Electrol Med Nucl** 58(3):221–6, Mar 77 (Eng. Abstr.) **(Fre)**

[Subdural hematoma and anticoagulant therapy] Bret P, et al. **Neurochirurgie** 22(6):603–20, 1976 (Eng. Abstr.) **(Fre)**

[Thrombosis of the intracranial venous sinuses after ingestion of estroprogestative agents. 4 cases] Rousseaux P, et al. **Nouv Presse Med** 6(23):2049, 2051–4, 4 Jun 77 (Eng. Abstr.) **(Fre)**

[Hemarthroses complicating anticoagulant therapy (heparin, oral anticoagulants)] Gerster JC, et al. **Schweiz Med Wochenschr** 107(33):1170–2, 20 Aug 77 (Eng. Abstr.) **(Fre)**

[Femoral nerve paralysis complicating anticoagulant treatments. A propos of 3 cases] Seignon B, et al. **Sem Hop Paris** 52(3):159–63, 16 Jan 76 (Eng. Abstr.) **(Fre)**

[Clinical aspects and course of drug-induced upper digestive hemorrhage] Tournut R, et al. **Sem Hop Paris** 52(40):2283–9, 23 Nov 76 (Eng. Abstr.) **(Fre)**

[Forensic aspects of anticoagulant accident (letter)] Poser S, et al. **Dtsch Med Wochenschr** 102(23):878–9, 10 Jun 77 **(Ger)**

[Acute side-effects of drugs. Causes and prevention] Bartels O. **Fortschr Med** 94(28):1532–40, 1543, 7 Oct 76 (Eng. Abstr.) **(Ger)**

[Drug-induced icterus] Mörl M. **Fortschr Med** 94(33):1934–6, 18 Nov 76 (Eng. Abstr.) **(Ger)**

[Spontaneous intramural hemorrhage in the intestinal wall caused by anticoagulants] Müller C, et al. **Helv Chir Acta** 43(5-6):579-85, Dec 76 **(Ger)**

[Adverse reactions to drugs in hospitalized medical patients (author's transl)] Burger R, et al. **Med Klin** 72(1):21-7, 7 Jan 77 (Eng. Abstr.) **(Ger)**

[Monitoring of anticoagulation therapy] Ohler WG. **Med Lab (Stuttg)** 29(10):219-29, 1976 **(Ger)**

[Pericarditis and fresh myocardial infarction (author's transl)] Valere PE, et al. **Munch Med Wochenschr** 118(38):1203-6, 17 Sep 76 (Eng. Abstr.) **(Ger)**

[Side-effects of anticoagulants and their prevention (author's transl)] Koller F. **Praxis** 66(2):37-41, 11 Jan 77 (Eng. Abstr.) **(Ger)**

[Intestinal infarct due to spontaneous mesenterial and intramural anticoagulant hemorrhage] Huber FB. **Schweiz Med Wochenschr** 107(3):88-90, 22 Jan 77 (Eng. Abstr.) **(Ger)**

[Complications and risks of treatment with anticoagulants and drugs affecting platelet function (author's transl)] Frick P. **Ther Umsch** 34(5):379-83, May 77 (Eng. Abstr.) **(Ger)**

[Neurogenic symptoms for the early diagnosis of adverse drug effects] Mayer K. **Verh Dtsch Ges Inn Med** 82 Pt 1:584-90, 1976 **(Ger)**

[Peripheral nerve lesions in anticoagulant therapy] Ritter G, et al. **Verh Dtsch Ges Inn Med** 82 Pt 1:687-9, 1976 **(Ger)**

[Iatrogenically induced hemorrhages] Gjonnass H. **Tidsskr Nor Laegeforen** 96(26):1380-2, 20 SEP 76 (Eng. Abstr.) **(Nor)**

[Anticoagulants] Rise A. **Tidsskr Nor Laegeforen** 97(1):30, 10 Jan 77 **(Nor)**

[Anticoagulant therapy in pregnant women with implanted artificial valves] Judkiewicz L, et al. **Kardiol Pol** 20(3):201-5, 1977 (Eng. Abstr.) **(Pol)**

[Current medical treatment of infectious endocarditis] Nicolaescu V, et al. **Rev Med Intern [Med Intern]** 29(2):97-103, Mar-Apr 77 (0 ref.) **(Rum)**

[Present status of anticoagulant therapy] Pérez Cirera R. **Prensa Med Mex** 41(7-8):196-203, Jul-Aug 76 **(Spa)**

ANALYSIS

A clinical study of the lupus anticoagulant. Schleider MA, et al. **Blood** 48(4):499-509, Oct 76

High-performance liquid and thin-layer chromatography of coumarin anticoagulants and their degradation products. Vanhaelen-Fastré R, et al. **J Chromatogr** 129:397-402, 22 Dec 76

[Biologically active substances in placental extracts] Bianchini P, et al. **Farmaco [Prat]** 32(3):139-51, Mar 77 (Eng. Abstr.) **(Ita)**

ANTAGONISTS & INHIBITORS

Rifampicin, enzyme induction, oestrogens and the 'pill'. pp. 293-9. Burley DM.
In: Grahame-Smith, DG, ed. Drug interactions. Baltimore, Univ Park Press, 1977. QV 38 D7932 1975.

The contribution of anticoagulants to platelet dysfunction with extracorporeal circulation. Wallace HW, et al. **J Thorac Cardiovasc Surg** 72(5):735-41, Nov 76

BLOOD

Circulating anticoagulant against Factor XII and platelet antibodies in systemic lupus erythematosus. Gandolfo GM, et al. **Acta Haematol (Basel)** 57(3):135-42, 1977

Circulating anticoagulant in a family with prolonged bleeding time and factor VIII deficiency. Diez-Ewald M, et al. **Blood** 49(5):799-806, May 77

Techniques for demonstration of the specificity of circulating anticoagulants against antihemophilic factor (factor VIII), with studies of two cases possibly related to diphenylhydantoin therapy. Poon MC, et al. **Blood** 49(3):477-82, Mar 77

In vivo and in vitro innocuity tests applied at the National Institute of Haematology and Blood Transfusion. Zsdánszky C, et al. **Dev Biol Stand** 34:155-8, 1977

Anticoagulant effect and plasma kinetics of fluorophenindione after a single dose in man. Tillement JP, et al. **Eur J Clin Pharmacol** 8(3-4):271-5, 4 Apr 75

Binding of drugs by albumin and plasma protein. Vallner JJ. **J Pharm Sci** 66(4):447-65, Apr 77 (268 ref.)

Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341-64, Jul 77 (112 ref.)

CLASSIFICATION

Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. Holmsen H. **Ser Haematol** 8(3):50-80, 1975 (148 ref.)

ISOLATION & PURIFICATION

Demonstration and mode of action of an inhibitor for activated Hageman factor (factor XIIa) of the intrinsic blood coagulation pathway from Schistosoma mansoni. Tsang VC, et al. **Blood** 49(4):619-33, Apr 77

METABOLISM

Pharmacokinetics in patients with cardiac failure. Benowitz NL, et al. **Clin Pharmacokinet** 1(6):389-405, Nov-Dec 76 (73 ref.)

Drug metabolism in thyroid disease. Eichelbaum M. **Clin Pharmacokinet** 1(5):339-50, 1976 (44 ref.)

Studies of the influence of N-substitution in heparin on its anticoagulant activity. Nagasawa K, et al. **J Biochem (Tokyo)** 81(4):989-93, Apr 77

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69-80, Jun 77 (76 ref.)

Rifampicine and enzyme induction. Davies M, et al. **Med Chir Dig** 5(6):341-3, 8 May 76

PHARMACODYNAMICS

Evaluation of a glucose oxidase procedure. Putz GR, et al. **Am J Med Technol** 42(10):351-6, Oct 76

Clinical principles of drug interactions in the adult patient. Hurwitz A, et al. **Ann NY Acad Sci** 281:98-105, 1976 (65 ref.)

Cardiovascular drug interactions. Brater DC, et al. **Annu Rev Pharmacol Toxicol** 17:293-309, 1977 (131 ref.)

Inhibition of prothrombin synthesis and epoxidation of vitamin K1 by anticoagulants in vitro. Bell RG, et al. **Biochem Biophys Res Commun** 72(2):619-25, 20 SEP 76

Relationship between the anticoagulant and antithrombotic effects of heparin in experimental venous thrombosis. Chiu HM, et al. **Blood** 49(2):171-84, Feb 77

Techniques for demonstration of the specificity of circulating anticoagulants against antihemophilic factor (factor VIII), with studies of two cases possibly related to diphenylhydantoin therapy. Poon MC, et al. **Blood** 49(3):477-82, Mar 77

Diflunisal: a review of pharmacokinetic and pharmacodynamic properties, drug interactions, and special tolerability studies in humans. Tempero KF, et al. **Br J Clin Pharmacol** 4 Suppl 1:31S-36S, Feb 77 (23 ref.)

Anabolic steroids and anticoagulants [letter] Howard CW, et al. **Br Med J** 1(6077):1659-60, 25 Jun 77

Continuous-flow determination of serum inorganic phosphate with a single reagent--the vanadomolybdate method re-evaluated. Baadenhuijsen H, et al. **Clin Chem** 23(7):1275-80, Jul 77

Recovery, structure, and function of dog granulocytes after freeze-preservation with dimethylsulfoxide. French JE, et al. **Cryobiology** 14(1):1-14, Feb 77

Drug interactions with oral sulphonylurea hypoglycaemic drugs. Hansen JM, et al. **Drugs** 13(1):24-34, Jan 77 (71 ref.)

Interactions with antiepileptic drugs. Richens A. **Drugs** 13(4):266-75, Apr 77 (62 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755-62, Oct 76 (72 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755-62, Oct 76 (72 ref.)

Plasma constituent (s) inhibiting platelet adhesiveness. Avnur Z, et al. **Isr J Med Sci** 13(3):264-71, Mar 77

Studies on neutralization of human serum bactericidal activity by sodium amylosulfate. Traub WH. **J Clin Microbiol** 6(2):128-31, Aug 77

Surgery on patients receiving anticoagulants. Fisher HW. **J Dermatol Surg Oncol** 3(2):210-2, Mar-Apr 77

Factors which influence blood platelet migration. Lowenhaupt RW, et al. **J Lab Clin Med** 90(1):37-45, Jul 77

Mechanism of action of anticoagulants: correlation between the inhibition of prothrombin synthesis and the regeneration of vitamin K1 from vitamin K1 epoxide. Ren P, et al. **J Pharmacol Exp Ther** 201(3):541-6, Jun 77

The contribution of anticoagulants to platelet dysfunction with extracorporeal circulation. Wallace HW, et al. **J Thorac Cardiovasc Surg** 72(5):735-41, Nov 76

Effects of anticoagulants on packed cell volume measurement. Dubin SE, et al. **Lab Anim Sci** 26(4):586-91, Aug 76

Whole blood stored in half-strength trisodium citrate [letter]. Mishler JM 4th, et al. **Lancet** 1(8003):152, 15 Jan 77

Human arterial and venous tissues generate prostacyclin (prostaglandin x), a potent inhibitor of platelet aggregation. Moncada S, et al. **Lancet** 1(8001):18–20, 1 Jan 77

Adverse interactions of drugs. **Med Lett Drugs Ther** 19(2):5–12, 28 Jan 77

Clinical significance of microsomal enzyme induction. Breckenridge AM, et al. **Pharmacol Res Commun** 8(3):229–42, Jun 76

Current status of antithrombotic therapy in cardiovascular disease. Rogers PH, et al. **Prog Cardiovasc Dis** 19(3):235–53, Nov–Dec 76 (140 ref.)

Fundamental structures in drug research. Marxer A, et al. **Prog Drug Res** 20:385–432, 1976 (97 ref.)

In vitro platelet stain preventing (degranulating) effect of various substances, Study of mechanism of action. Stavem P, et al. **Scand J Haematol** 18(2):170–6, Feb 77

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

A pathobiologic overview of metastasis. Weiss L. **Semin Oncol** 4(1):5–17, Mar 77

Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)

Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. Holmsen H. **Ser Haematol** 8(3):50–80, 1975 (148 ref.)

Preferential decrease in thymus dependent lymphocytes during storage at 4 C in anticoagulant. Grunow JE, et al. **Transfusion** 16(6):610–5, Nov–Dec 76

[Valve protheses and anti-vitamin K. Biological study in patients given weak and strong doses of anticoagulants] Boisseau M, et al. **Arch Mal Coeur** 69(2):219–21, Feb 76 (Eng. Abstr.) **(Fre)**

[Microtubule inhibitors] Deysson G. **Eur J Toxicol Environ Hyg** 9(5):259–70, Sep–Oct 76 (66 ref.) (Eng. Abstr.) **(Fre)**

[Drug interactions and side effects] Schelling JL. **Schweiz Med Wochenschr** 106(27):905–8, 3 Jul 76 (Eng. Abstr.) **(Fre)**

[Mechanism of action of vitamin K and how it is affected by anticoagulants] Schade R, et al. **Pharmazie** 31(9):585–9, 1976 (70 ref.) **(Ger)**

[The effect of anticoagulants on the osmolarity of blood plasma] Wussow S, et al. **Z Med Labortech** 17(5):278–9, 1976 **(Ger)**

[Interactions between chemotherapeutics and other drugs] Witkowska M, et al. **Postepy Hig Med Dosw** 30(6):845–59, Nov–Dec 76 (Eng. Abstr.) **(Pol)**

[Current pharmacological aspects of antithrombotic drugs] Stroescu V. **Rev Med Intern [Med Intern]** 28(5):325–7, Sep–Oct 76 **(Rum)**

[Pharmacokinetic interference between chemotherapeutic and pharmacological preparations] Iakovlev VP, et al. **Antibiotiki** 21(10):945–54, Oct 76 (113 ref.) **(Rus)**

[Nicotinamide coenzymes as an object of drug and poison activity (review of the literature)] Chekman IS, et al. **Farmakol Toksikol** 40(1):113–22, Jan–Feb 77 (125 ref.) **(Rus)**

[Effect of 4-amidinophenylpyruvic acid on the generalized Sanarelli–Shwartzman phenomenon] Kleking GP, et al. **Farmakol Toksikol** 39(5):609–12, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Effect of drugs on the erythrocytic component of hemostasis (literature survey)] Lakin KM, et al. **Farmakol Toksikol** 39(3):358–67, May–Jun 76 (191 ref.) **(Rus)**

[Effect of drugs used in the treatment of thrombotic and hemorrhagic conditions on the erythrocyte aggregation] Lakin KM, et al. **Kardiologiia** 17(5):79–83, May 77 **(Rus)**

[Products of fibrinogen splitting and their biological significance (literature survey)] Timoshenko LI. **Lab Delo** (9):515–20, 1976 (91 ref.) **(Rus)**

[Analysis of the use of different anticoagulants in separating the peripheral blood cells into individual fractions] Gorlina NK, et al. **Probl Gematol Pereliv Krovi** 22(7):53–5, Jul 77 **(Rus)**

[Study of the mechanism of adsorption and activation of enzymes of the contact phase of blood coagulation] Adadullina ZZ, et al. **Vopr Med Khim** 22(3):356–60, May–Jun 76 (Eng. Abstr.) **(Rus)**

[A functional assay of fibrinoformation in the newborn (author's transl)] Merino J, et al. **Sangre (Barc)** 22(4):439–52, 1977 (Eng. Abstr.) **(Spa)**

SECRETION

Human arterial and venous tissues generate prostacyclin (prostaglandin x), a potent inhibitor of platelet aggregation. Moncada S, et al. **Lancet** 1(8001):18–20, 1 Jan 77

THERAPEUTIC USE

Treatment of advanced breast cancer with chemotherapeutics and inhibition of coagulation and fibrinolysis. Astedt B, et al. **Acta Med Scand** 201(5):491–3, 1977

Problems encountered in long-term treatment with anticoagulants. Husted S, et al. **Acta Med Scand** 200(5):379–84, 1976

Prevention and treatment of thrombosis. Wessler S. **Adv Intern Med** 22:187–205, 1977 (66 ref.)

Management of TIAs and acute cerebral infarction. Toole JF. **Adv Neurol** 16:71–80, 1977

Indications for medical and surgical therapy for ischemic stroke. Whisnant JP. **Adv Neurol** 16:133–44, 1977 (26 ref.)

Arterial thromboembolic complications in patients with Björk–Shiley and Lillehei–Kaster aortic disc valve prostheses. Dale J. **Am Heart J** 93(6):715–22, Jun 77

The management of the patient with angina. Short D. **Am Heart J** 94(2):135–9, Aug 77

Pulmonary thromboembolism associated with gynecologic surgery and pregnancy. Bissell SM. **Am J Obstet Gynecol** 128(4):418–23, 15 Jun 77

Dangers of minimal drinking [letter] Walsh AC. **Am J Psychiatry** 134(9):1049–50, Sep 77

Thrombophlebitis. Kerstein MD. **Angiology** 28(4):228–34, Apr 77 (64 ref.)

An evaluation of anticoagulation in glaucoma therapy. Shields MB, et al. **Ann Ophthalmol** 9(9):1115–8, Sep 77

Thromboembolic phenomena in patients with prosthetic aortic valves who did not receive anticoagulants. Larsen GL, et al. **Ann Thorac Surg** 23(4):323–6, Apr 77

Late evaluation of patients undergoing valve replacement with the Björk–Shiley prosthesis. Lepley D Jr, et al. **Ann Thorac Surg** 24(2):131–9, Aug 77

A critical review of the literature on long-term treatment of peripheral arteriosclerosis with oral anticoagulants. van Vroonhoven JM, et al. **Arch Chir Neerl** 28(4):243–9, 1976 (26 ref.)

Use of anticoagulants in the treatment of ischemic heart disease [letter]. Hayes WL. **Arch Intern Med** 137(6):813, Jun 77

The case for anticoagulants in acute myocardial infarction. How do you know you cannot do it better [editorial]? Modan B, et al. **Arch Intern Med** 136(11):1230–1, Nov 76

Anticoagulants in ischemic heart disease [editorial]. Rogel S, et al. **Arch Intern Med** 136(11):1220–30, Nov 76

An overview of cardiac surgery. Wright J, et al. **Aust NZ J Surg** 47(1):119–23, Feb 77

Proceedings: Pregnancy after valve replacement. Oakley C, et al. **Br Heart J** 38(8):876, Aug 76

The prevention of acute pulmonary embolism. Kakkar VV. **Br J Hosp Med** 18(1):32–40, Jul 77

The management of acute pulmonary embolism. Miller GA. **Br J Hosp Med** 18(1):26–31, Jul 77

Anticoagulants [letter]. Peck AW. **Br J Hosp Med** 17(1):90, Jan 77

Clinicopathological conference. Case of leaking aortic aneurysm with oesophageal fistula. **Br Med J** 2(6035):567–71, 4 Sep 76

Treatment of acute cerebral infarction [editorial]. **Br Med J** 1(6052):1–2, 1 Jan 77

Hip fractures up to date [letter]. **Br Med J** 1(6057):377–8, 5 Feb 77

Anticoagulants and heart valve replacement in pregnancy [editorial]. **Br Med J** 1(6068):1047–8, 23 Apr 77

Treatment of glomerulonephritis by drugs. Cameron JS. **Br Med J** 1(6074):1457–9, 4 Jun 77

Fatal ovarian haemorrhage associated with haemodialysis [letter]. Glass J, et al. **Br Med J** 2(6049):1448–9, 11 Dec 76

Hip fractures up to date [letter]? Morris GK, et al. **Br Med J** 1(6053):108, 8 Jan 77

Occlusion of the central retinal vein: revealing symptom of intraocular pressure-rise. Neetens A, et al. **Bull Soc Belge Ophtalmol** 173:715–24, 1976

Thrombosis of Björk–Shiley aortic valve prosthesis: report of three cases. de la Rocha AG, et al. **Can Med Assoc J** 116(10):1158–60, 21 May 77

Treatment of fractures of the neck of the femur. Hunter G. **Can Med Assoc J** 117(1):60–1, 9 Jul 77

Late thrombosis of the aortic Bjork–Shiley prosthesis [letter]. Messmer BJ. **Chest** 71(3):432–3, Mar 77

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

Psychotropic drugs in the aged. van Praag HM. **Compr Psychiatry** 18(5):429–42, Sep–Oct 77

Anticoagulant therapy: questions and answers. Sherry S. **Compr Ther** 2(12):58–65, Dec 76

Anticoagulant therapy in myocardial infarction. Vreeken J.

Compr Ther 2(12):50–2, Dec 76

Prophylactic long-term anticoagulant treatment of hydrocephalic patients with ventriculo-atrial shunts. Kuffer F. **Dev Med Child Neurol [Suppl]** (37):74–7, 1976

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)

Selecting and preparing patients for total hip replacement. Feinstein PA, et al. **Geriatrics** 32(7):91–6, Jul 77

Current practice in the use of anticoagulants for ischemic heart disease: a survey of 200 hospitals. Bassan MM, et al. **Heart Lung** 5(5):742–6, Sep–Oct 76

Management of prosthetic valve endocarditis. pp. 123–42. Gardner P, et al.
In: Duma RJ, ed. Infections of prosthetic heart values and vascular grafts. Baltimore, Univ Park Press, 1977. WG 168 I43 1976.

Antibiotic therapy of experimental endocarditis. pp. 101–21. Sande MA.
In: Duma RJ, ed. Infections of prosthetic heart values and vascular grafts. Baltimore, Univ Park Press, 1977. WG 168 I43 1976. (26 ref.)

Influence of treatment upon the natural history of glomerulonephritis. pp. 492–9. Cameron JS.
In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a. (29 ref.)

Experience with the Aberdeen-Dundee drug monitoring system. pp. 165–78. Christopher LJ, et al.
In: Gouveia WA, et al., ed. Clinical pharmacy and clinical pharmacology. Amsterdam, North-Holland Publ, 1976. WB 330 C638 1975.

Platelet kinetics--1975. pp. 98–104. Ries CA.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (35 ref.)

Role of pulmonary transplantation in patients with acute respiratory failure. pp. 483–8. Skoskiewicz MJ.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (17 ref.)

The problems of patients with cardiovascular disease undergoing dental treatment. Glasser SP.
J Am Dent Assoc 94(6):1158–62, Jun 77

Acute venous occlusion within the scope of justified surgical aggression. (Eight years experience with review of respective literature). Poulias GE, et al.
J Cardiovasc Surg (Torino) 18(4):379–86, Jul–Aug 77

Surgery on patients receiving anticoagulants. Fisher HW.
J Dermatol Surg Oncol 3(2):210–2, Mar–Apr 77

Thrombqembolism. Diagnosis and prevention in surgical patients. Reckling FW. **J Kans Med Soc** 77(12):535–7, 542, Dec 76

Transient ischemic attacks: is medical therapy efficacous?. Whitlock RR, et al. **J Med Assoc Ga** 66(5):277–80, May 77

Severe glomerulonephritis complicated by coagulopathy: treatment with anticoaguland and immunosuppresive drugs. Robson AM, et al. **J Pediatr** 90(6):881–92, Jun 77

Anticoagulant and immunosuppressive drugs in the treatment of severe glomerulonephritis with coagulopathy [editorial]. West CD. **J Pediatr** 90(6):1051–2, Jun 77

Priapism: evolution of management in 48 patients in a 22-year series. Nelson JH 3d, et al. **J Urol** 117(4):455–8, Apr 77

Cooperative study of hospital frequency and character of transient ischemic attacks. I. Background, organization, and clinical survey. Dyken ML, et al. **JAMA** 237(9):882–6, 28 Feb 77

Cooperative study of hospital frequency and character of transient ischemic attacks. III. Variations in treatment. Haerer AF, et al. **JAMA** 238(2):142–6, 11 Jul 77

Successful replacement of a thrombosed Björk-Shiley mitral valve prosthesis. Kato I, et al. **Jpn Heart J** 17(6):791–7, Nov 76

Antithrombotic practice and hip fracture [letter]. Simon TL. **Lancet** 1(8005):251–2, 29 Jan 77

Therapy to control coronary atherosclerosis and its complications. Gorlin R. **Major Probl Intern Med** 11:281–92, 1976

Hematologic abnormalities in pregnancy. Bell WR.
Med Clin North Am 61(1):165–99, Jan 77

Venous disease and its complications. Friedman SA.
Med Clin North Am 60(6):1093–104, 1976

Prosthetic heart valves: 'perfection may be the enemy of good'. Harken DE. **Med Instrum** 11(2):70–1, Mar–Apr 77

Problems of interpretation in secondary prevention trials in coronary heart disease. Lovell RR. **Med J Aust** 1(7):224–6, 12 Feb 77

Anticoagulant drugs. Cooper P.
Midwife Health Visit Community Nurse 13(1):22, Jan 77

Diagnosis of cerebral embolism [letter]. Norris JW, et al. **N Engl J Med** 295(18):1017, 28 Oct 76

Transient ischemic attacks: natural history and anticoagulation. Brust JC. **Neurology (Minneap)** 27(8):701–7, Aug 77 (69 ref.)

Local hemostatic agents. Evans BE. **NY J Dent** 47(4):109–14, Apr 77

Current status of antithrombotic therapy in cardiovascular disease. Rogers PH, et al. **Prog Cardiovasc Dis** 19(3):235–53, Nov–Dec 76 (140 ref.)

Psychopathology, psychopharmacology and the organic brain syndromes. Ban TA. **Psychosomatics** 17(3):131–7, Jul–Sep 76 (84 ref.)

Combined aortic and mitral valve replacement with the Björk-Shiley tilting disc valve prosthesis. Early and late results in 75 consecutive patients. Aberg B, et al.
Scand J Thorac Cardiovasc Surg 11(1):1–10, 1977

Clinicopathological conference: Sixty-five year old caucasian male with fever and chest pain for 8–10 days. Malm J, et al. **SD J Med** 30(9):23–8, Sep 77

Oral anticoagulant therapy: the biosynthetic basis. Suttie JW. **Semin Hematol** 14(3):365–74, Jul 77

Mechanisms and prevention of cancer dissemination: an overview. Sugarbaker EV, et al. **Semin Oncol** 4(1):19–32, Mar 77

Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232–90, Apr 76 (207 ref.)

Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)

Inhibitors of platelet function in the prevention of arterial thrombosis. Harker LA. **Ser Haematol** 8(3):105–24, 1975 (81 ref.)

XIV. Cerebral ischemia: the role of thrombosis and of antithrombotic therapy. Study group on antithrombotic therapy. Genton E, et al. **Stroke** 8(1):150–75, Jan–Feb 77

Renal failure and the surgeon. Silberman H.
Surg Gynecol Obstet 144(5):775–84, May 77 (93 ref.)

Pregnancy in patients with a prosthetic heart valve. Taguchi K. **Surg Gynecol Obstet** 145(2):206–8, Aug 77

Interlaboratory oral anticoagulant quality assessment by the Netherlands Federation of Thrombosis Services. van Dijk-Wierda CA, et al. **Thromb Haemostas** 37(3):509–22, 30 Jun 77

Central retinal vein occlusion: differential diagnosis and management. Hayreh SS.
Trans Am Acad Ophthalmol Otolaryngol 83(3 Pt 1):OP379–91, May–Jun 77

Prevention of fatal post-operative pulmonary embolism. Kakkar VV. **Triangle** 16(1):63–7, 1977

The treatment of venous thrombosis: angiological aspects. Widmer LK. **Triangle** 16(1):47–61, 1977 (127 ref.)

Prevention of pulmonary embolism by inferior vena cava filters: Results in 62 cases. Invited commentary. Bernstein EF. **World J Surg** 1(1):117, Jan 77

Surgery of hemophiliacs--20 years' experience. Nilsson IM, et al. **World J Surg** 1(1):55–66, Jan 77

[Traumatic cross-sectional spinal cord injuries] Braakman R. **Ned Tijdschr Geneeskd** 120(41):1717–21, 9 Oct 76 **(Dut)**

[A common eye disease. Considerations on the leadership function of university hospitals] Crone RA.
Ned Tijdschr Geneeskd 121(30):1193–5, 23 Jul 77 **(Dut)**

[Therapeutically optimal values in oral anticoagulation (letter)] Loeliger EA, et al. **Ned Tijdschr Geneeskd** 121(31):1242–3, 30 Jul 77 **(Dut)**

[Clinical and pharmacological aspects of the treatment of cardia infarcts] Jounela A. **Duodecim** 93(2):153–61, 1977 **(Fin)**

[Macromolecules and prevention of postoperative thromboembolism] Gruber UF. **Anesth Analg (Paris)** 3(4):585–92, Jul–Aug 76 **(Fre)**

[The place of anti-aggregants and macromolecules in the treatment of cerebral artery aneurysms] Pecker J, et al. **Anesth Analg (Paris)** 3(4):653–8, Jul–Aug 76 **(Fre)**

[Curative treatment of deep vein thrombosis of the legs (author's transl)] Serradimigni A, et al.
Ann Cardiol Angeiol (Paris) 25 Suppl:411–9, Nov 76 (Eng. Abstr.) **(Fre)**

[Drug-induced lesions of the stomach and duodenum. Study of 100 cases] Guerre J, et al. **Ann Med Interne (Paris)** 127(8–9):673–6, AUG–SEP 76 **(Fre)**

[Long-term outcome of valve prostheses. Apropos of 299 operated patients] Ben-Ismail M, et al. **Arch Mal Coeur** 70(5):469–76, May 77 (Eng. Abstr.) **(Fre)**

[Arterial thromboses and anti-platelet aggregation agents]

Sternon J. **Brux Med** 56(9):369–74, Sep 76 (Eng. Abstr.) **(Fre)**

[What should we consider contra-indications to lens extraction as inferred from age or general health] Offret G, et al. **Bull Soc Ophtalmol Fr** 76(5–6):429–33, May–Jun 77 (Eng. Abstr.) **(Fre)**

[Thrombosis of the central vein of the retina during anticoagulant treatment] Rosselet E. **Bull Soc Ophtalmol Fr** 88:362–4, 1976 **(Fre)**

[Problems posed by dental care in cardiac patients] Gerbaux A. **Cah Odontostomatol Touraine** 6(3):53–9, Jul–Sep 74 **(Fre)**

[Critical study of the prevention of post-operative thrombosis by means of anticoagulants. Review of statistics on 5318 cases] Arnulf G, et al. **Chirurgie** 102(1):57–67, 14–28 Jan 76 (Eng. Abstr.) **(Fre)**

[Circulatory dynamics and excitomotor currents. A preventive association in the prophylaxis of postoperative thrombosis] Baulande M, et al. **Electrodiagn Ther** 13(4):97–107, 1976 **(Fre)**

[Treatment of obstruction of retinal vessels (author's transl)] Babel J. **Klin Monatsbl Augenheilkd** 170(2):211–9, Feb 77 (Eng. Abstr.) **(Fre)**

[Subdural hematoma and anticoagulant therapy] Bret P, et al. **Neurochirurgie** 22(6):603–20, 1976 (Eng. Abstr.) **(Fre)**

[Thrombosis of the intracranial venous sinuses after ingestion of estroprogestative agents. 4 cases] Rousseaux P, et al. **Nouv Presse Med** 6(23):2049, 2051–4, 4 Jun 77 (Eng. Abstr.) **(Fre)**

[The role of thrombosis in renal allograft rejection (author's transl)]. Kazatchkine M, et al. **Pathol Biol (Paris)** 24(7):497–508, Sep 76 (168 ref.) (Eng. Abstr.) **(Fre)**

[Use of anticoagulants in the treatment of cicatrized myocardial infarct] Barrillon A. **Rev Med Liege** 32(7):193–201, 1 Apr 77 **(Fre)**

[Treatment of venous thrombosis of limbs] Fiessinger JN, et al. **Rev Prat** 27(21):1335–8, 1343–4, 11 Apr 77 (21 ref.) (Eng. Abstr.) **(Fre)**

[Transient ischemic cerebral disorders. Medical treatment] Géraud J, et al. **Rev Prat** 27(1):63–70, 1 Jan 77 **(Fre)**

[Post-phlebitic disease and its treatment] Gruffaz J. **Rev Prat** 27(21):1349–52, 1357–8, 1361–2, 11 Apr 77 (28 ref.) (Eng. Abstr.) **(Fre)**

[Therapeutic approach to a cerebrovascular accident] Berger JP. **Schweiz Med Wochenschr** 106(27):924–9, 3 Jul 76 (Eng. Abstr.) **(Fre)**

[Femoral nerve paralysis complicating anticoagulant treatments. A propos of 3 cases] Seignon B, et al. **Sem Hop Paris** 52(3):159–63, 16 Jan 76 (Eng. Abstr.) **(Fre)**

[Basic treatment of angina pectoris in current practice] Hertault J. **Sem Hop Ther** 52(10):545–8, Dec 76 **(Fre)**

[Treatment of pulmonary embolism] Courreges JP. **Soins** 22(17):33–8, 5 Sep 77 **(Fre)**

[Prevention of thromboembolic venous diseases] Delbecque H. **Soins** 22(17):9–16, 5 Sep 77 **(Fre)**

[Congenital antithrombin III deficiency: study of a Quebec family] Thuot C, et al. **Union Med Can** 106(5):673–7, May 77 (Eng. Abstr.) **(Fre)**

[Progress in the treatment of acute myocardial infarct] Kaindl F, et al. **Acta Med Austriaca** 3(1):1–12, 1976 (Eng. Abstr.) **(Ger)**

[Indications for conservative or surgical interventions in venous thromboses (proceedings)] Fischer M, et al. **Acta Med Austriaca® [Suppl]** (3):223–4, 1976 **(Ger)**

[Fibrinolytic and anticoagulant therapy of acute deep venous thrombosis (proceedings)] Niessner H, et al. **Acta Med Austriaca® [Suppl]** (3):224–5, 1976 **(Ger)**

[Results of fibrinolysis treatments of retinal venous thrombosis dependent on the duration of the disease] Metzler U, et al. **Ber Dtsch Ophthalmol Ges** 74:559–63, 1977 **(Ger)**

[Evaluation of arterial occlusive disease] Dembowski U, et al. **Berufsdermatosen** 24(6):156–66, 1976 (Eng. Abstr.) **(Ger)**

[The trophedema (Nonne-Milroy-Meige). Carcinogenesis as a rare complication] Köstler E. **Dermatol Monatsschr** 162(6):465–77, Jun 76 (107 ref.) (Eng. Abstr.) **(Ger)**

[Pericarditis after acute myocardial infarction (author's transl)] Beck OA, et al. **Dtsch Med Wochenschr** 102(15):559–63, 15 Apr 77 (Eng. Abstr.) **(Ger)**

[Rebound following anticoagulant therapy (letter)] Heene DL. **Dtsch Med Wochenschr** 102(30):1106–7, 29 Jul 77 **(Ger)**

[Urokinase as thrombolytic agent (letter)] Trübestein GK. **Dtsch Med Wochenschr** 102(1):28, 7 Jan 77 **(Ger)**

[Biochemical and pharmacological principles of antithrombotic therapy] Markwardt F. **Folia Haematol (Leipz)** 103(3):293–312, 1976 **(Ger)**

[Thrombosis and embolism in gynecology and obstetrics. A contribution to prophylaxis and therapy] Eberhardinger R. **Fortschr Med** 94(18):1061–4, 1067–76, 17 Jun 76 (Eng. Abstr.) **(Ger)**

[Diabetes mellitus and microcirculation. Significance of diabetic angiopathy for the prognosis and course of diabetes mellitus, possibilities and bases of angiologic therapy] Semler P, et al. **Fortschr Med** 94(7):354–7, 4 Mar 76 (Eng. Abstr.) **(Ger)**

[Thrombosis, embolism and aggregation inhibitors in surgery] Zekert F. **Fortschr Med** 94(31):1791–8, 4 Nov 76 (Eng. Abstr.) **(Ger)**

[Does the justified intensification of prospective delivery for the benefit of the child include increased risk for the mother? Early and late complications of cesarean sections. In memory of the 225th anniversary of the University Gynecological Hospital Göttingen] Kirchnhoff H. **Geburtshilfe Frauenheilkd** 37(2):103–9, Feb 77 **(Ger)**

[Significance of microsurgery in the surgery of extremities. I. Replantation surgery in the finger-hand region] Meyer V, et al. **Helv Chir Acta** 43(5–6):667–8, Dec 76 **(Ger)**

[Prevention and treatment of thromboembolism] Schlosser V, et al. **Hippokrates** 48(2):162–8, May 77 **(Ger)**

[Prevention of postoperative thromboembolic complications] Sturm V, et al. **Hippokrates** 48(1):52–61, Feb 77 **(Ger)**

[Drug therapy of coronary insufficiency] Hilger HH, et al. **Internist (Berlin)** 18(6):315–21, Jun 77 **(Ger)**

[What is achieved by therapy of the nephrotic syndrome in adults?] Thiel G, et al. **Internist (Berlin)** 17(12):612–21, Dec 76 **(Ger)**

[Prophylaxis and therapy of shunt thrombosis in terminal renal insufficiency (author's transl)] Köhler H. **Klin Wochenschr** 55(2):49–56, 15 Jan 77 (Eng. Abstr.) **(Ger)**

[Anticoagulant therapy following myocardial infarct (letter)] Gillmann H. **Med Klin** 72(9):365, 4 Mar 77 **(Ger)**

[Judicious therapy of cardiovascular diseases] Klepzig H. **Med Klin** 71(38):1569–71, 17 Sep 76 **(Ger)**

[Monitoring of anticoagulation therapy] Ohler WG. **Med Lab (Stuttg)** 29(10):219–29, 1976 **(Ger)**

[Anticoagulant therapy in heart infarction?] Lasch HG. **Med Welt** 28(15):700–3, 15 Apr 77 **(Ger)**

[Pericarditis and fresh myocardial infarction (author's transl)] Valere PE, et al. **Munch Med Wochenschr** 118(38):1203–6, 17 Sep 76 (Eng. Abstr.) **(Ger)**

[Therapy of inadequate cerebral circulation] Herrschaft H. **Nervenarzt** 47(11):639–50, Nov 76 (106 ref.) **(Ger)**

[Treatment of glomerulonephrite: a therapeutic controversy (authors transl)] Hodler J. **Praxis** 65(32):971–2, 10 Aug 76 **(Ger)**

[Effect of alclofenac on the prothrombin level in patients under treatment with anticoagulants] Kaufmann E. **Schweiz Med Wochenschr** 107(25):882–7, 25 Jun 77 (Eng. Abstr.) **(Ger)**

[Prevention of thrombosis in internal medicine] Riedler GF. **Ther Umsch** 34(5):363–7, May 77 (Eng. Abstr.) **(Ger)**

[Laboratory tests in long-term patients: When? How often? What are the costs? (author's transl)] Senn HJ. **Ther Umsch** 34(8):594–604, Aug 77 (Eng. Abstr.) **(Ger)**

[Prophylaxis of tromboembolism] Stamm H. **Ther Umsch** 34(5):368–72, May 77 (Eng. Abstr.) **(Ger)**

[Practical procedures in acute deep leg vein thrombosis] Bollinger A. **Vasa** 5(3):259–60, 1976 (Eng. Abstr.) **(Ger)**

[Anticoagulation in vascular surgery] Waibel P. **Vasa** 5(2):107–10, 1976 (Eng. Abstr.) **(Ger)**

[Comparative studies on the antithrombotic effect of acetylsalicylic acid and anticoagulants on an experimental model of thrombosis] Zimmermann R, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1946–7, 1976 **(Ger)**

[After care and rehabilitation of patients after heart surgery] Huth JH, et al. **Z Aerztl Fortbild (Jena)** 70(18):981–3, 1 Sep 76 **(Ger)**

[Contribution on prevention, diagnosis and treatment of pulmonary embolism (author's transl)] Becker T, et al. **Z Erkr Atmungsorgane** 146(1):24–33, Jul 76 (Eng. Abstr.) **(Ger)**

[Outpatient treatment of thrombophlebitic and thrombotic conditions in ageing (author's transl)] Heinrich HG. **ZFA [Dresden]** 31(4):347–51, 1976 **(Ger)**

[Systematic medical observation and care of aged people suffering from diseases of the veins (author's transl)] Kaufhold H. **ZFA [Dresden]** 31(4):353–6, 1976 **(Ger)**

[Use of platelet-function inhibitors in arterial thromboses] Reuter H. **ZFA (Stuttgart)** 53(15):861–5, 31 May 77 **(Ger)**

[Prevention of thrombosis: current status and prospects] Neri Serneri GG. **Cardiol Prat** 27(2):71–6, Jul–Dec 76 (46 ref.) **(Ita)**

[Importance of platelet aggregation in patients with heart valve prostheses] Cafiero M, et al. **Clin Ter** 78(1):35–46, 15 Jul 76 **(Ita)**

[Therapeutic aspects of arteriosclerosis] Ciammaichella A.

Clin Ter 78(4):295–301, 31 Aug 76 **(Ita)**
[Oral anticoagulants, dextran or low-dose subcutaneous heparin: which drug should be used for prevention of deep venous thrombosis in patients undergoing surgery?] Verstraete M. **Clin Ter** 81(4):291–7, 31 May 77 (Eng. Abstr.) **(Ita)**
[Anticoagulant treatment in open heart surgery] Funiciello AM, et al. **Minerva Anestesiol** 43(2):115–21, Feb 77 **(Ita)**
[Ischemic phlebitis and venous gangrene] Ferrante G, et al. **Minerva Chir** 32(7):409–14, 15 Apr 77 (Eng. Abstr.) **(Ita)**
[Problems of arteriosclerosis epidemiology. Analysis of risk factors with a view to a possible therapy] Prof. Aiuto G. **Minerva Med** 67(62):4059–118, 22 Dec 76 **(Ita)**
[Results of anticoagulant and dialytic therapy in the hemolytic-uremic syndrome in childhood] Gusmano R, et al. **Minerva Nefrol** 23(4):286–91, Jul–Aug 76 (Eng. Abstr.) **(Ita)**
[Platelets aggregation employing ADP and cephalin. Comparative tests (author's transl)] Ottaviani F, et al. **Quad Sclavo Diagn** 12(2):180–95, Jun 76 (Eng. Abstr.) **(Ita)**
[Urinary protein reduction by anticoagulant and fibrinolytic therap- in membranous glomerulonephropathy] Kawaguchi N, et al. **Jpn J Nephrol** 19(2):91–8, Feb 77 (Eng. Abstr.) **(Jpn)**
[Prevention of arterial embolism by acetylsalicyclic acid and anticoagulants in patients with heart valve prosthesis] Dale J, et al. **Tidsskr Nor Laegeforen** 96(28):1483–5, 10 Oct 76 (Eng. Abstr.) **(Nor)**
[Anticoagulants] Rise A. **Tidsskr Nor Laegeforen** 97(1):30, 10 Jan 77 **(Nor)**
[Anticoagulants in prophylactics and therapy (editorial)] Jasiński K, et al. **Kardiol Pol** 20(4):273–80, 1977 **(Pol)**
[Thromboembolic complications in myocardial infarct] Kolodziej P. **Kardiol Pol** 19(3):207–13, 1976 (Eng. Abstr.) **(Pol)**
[Anticoagulant treatment in patients with artificial heart valves] Skarżyńska M. **Kardiol Pol** 19(3):259–64, 1976 **(Pol)**
[Incidence of seizures and therapy course in the light of a follow-up study of 2 representative groups of epileptics] Zieliński JJ, et al. **Neurol Neurochir Pol** 11(1):47–52, Jan–Feb 77 (Eng. Abstr.) **(Pol)**
[Changes in hemostasis in the postoperative period] Cuteudache C, et al. **Rev Chir [Chir]** 26(2):129–35, Mar–Apr 77 (Eng. Abstr.) **(Rum)**
[Treatment and/drug incompatibility in obstruction of the retinal vessels of thromboembolic origin] Olteanu M, et al. **Rev Chir [Oftalmol]** 21(1):53–5, Jan–Mar 77 (Eng. Abstr.) **(Rum)**
[Anticoagulants in prevention and treatment of pulmonary thromboembolic diseases] Gherasim L. **Rev Med Intern [Med Intern]** 28(5):335–41, Sep–Oct 76 **(Rum)**
[Current medical treatment of infectious endocarditis] Nicolaescu V, et al. **Rev Med Intern [Med Intern]** 29(2):97–103, Mar–Apr 77 (0 ref.) **(Rum)**
[Anticoagulants in coronary disease] Popescu P. **Rev Med Intern [Med Intern]** 28(5):329–34, Sep–Oct 76 **(Rum)**
[Effect of 4-amidinophenylpyruvic acid on the generalized Sanarelli-Shwartzman phenomenon] Kleking GP, et al. **Farmakol Toksikol** 39(5):609–12, Sep–Oct 76 (Eng. Abstr.) **(Rus)**
[Prevention of postoperative thromboembolic complications (a review of the literature)] Pavlovskiĭ DP, et al. **Khirurgiia (Mosk)** (5):124–30, May 77 (126 ref.) **(Rus)**
[Pharmacological basis of antithrombotic therapy] Markvardm F. **Klin Med (Mosk)** 55(7):17–23, Jul 77 **(Rus)**
[Intravascular blood clotting-component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**
[Means of therapeutic correction of disorders of central and regional hemodynamics in acute circulatory insufficiency caused by ischemic heart disease] Leshinskiĭ LA, et al. **Ter Arkh** 48(10):38–43, 1976 (Eng. Abstr.) **(Rus)**
[Anorexic preparations and primary pulmonary hypertension] Ugriumova MO. **Ter Arkh** 40(2):126–31, 1976 (80 ref.) **(Rus)**
[Effectiveness of using gelatin sponge for hemostasis during treatment of acute iliofemoral venous thrombosis] Koniukhov SG, et al. **Vestn Khir** (3):23–7, Mar 77 (Eng. Abstr.) **(Rus)**
[Medicinal plants in ophthalmology (a review of the literature)] Margolis MG. **Vestn Oftalmol** (6):81–3, Nov–Dec 76 (21 ref.) **(Rus)**
[Clinical significance of disorders in the blood coagulation system in children with diabetes mellitus (literature survey)] Viadro SS, et al. **Vopr Okhr Materin Det** 21(4):61–5, Apr 76 **(Rus)**
[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**
[Changes in coagulographic indices in patients with myocardial infarction and concomitant diabetes and without diabetes during anticoagulant treatment] Maĭmunkov K, et al. **Vrach Delo** (1):62–5, Jan 77 (Eng. Abstr.) **(Rus)**
[Changes in coagulographic indices during anticoagulant therapy in myocardial infarct with and without concomitant diabetes] Mimunkov K, et al. **Vrach Delo** (1):62–5, Jan 77 (Eng. Abstr.) **(Rus)**
[Pathogenetic basis for treating and preventing transient cerebral circulatory disorders (review)] Babenkova SV, et al. **Zh Nevropatol Psikhiatr** 76(8):1232–46, 1976 **(Rus)**
[Therapeutic effectiveness of anticoagulants in the acute phase of cerebral infarction] Levin GZ, et al. **Zh Nevropatol Psikhiatr** 77(1):24–31, 1977 (Eng. Abstr.) **(Rus)**
[Ambulatory treatment with anticoagulents in the prevention of cerebral ischemia] Vilenskiĭ BS. **Zh Nevropatol Psikhiatr** 76(8):1143–9, 1976 (Eng. Abstr.) **(Rus)**
[Anticoagulants in the treatment of ischemic stroke] Vilenskii BS. **Zh Nevropatol Psikhiatr** 77(1):31–6, 1977 (Eng. Abstr.) **(Rus)**
[Surgical treatment of venous injuries] Kružić Z, et al. **Acta Chir Iugosl** 24(1 Suppl):575–82, 1977 **(Scr)**
[Treatment of acute cerebral infarct] Gomensoro JB, et al. **Acta Neurol Lat Am** 21(1–4):152–6, 1975 **(Spa)**
[Superficial phlebectomy in the surgical therapy of the post-phlebitic syndrome] Romeo S, et al. **Angiologia** 29(2):57–64, Mar–Apr 77 (Eng. Abstr.) **(Spa)**
[Hormonal contraceptives, peripheral venous insufficiency and the use of a phlebodynamic agent] Cervantes A, et al. **Ginecol Obstet Mex** 40(238):113–6, Aug 76 (Eng. Abstr.) **(Spa)**
[Present status of anticoagulant therapy] Pérez Cirera R. **Prensa Med Mex** 41(7–8):196–203, Jul–Aug 76 **(Spa)**
[Hancock's prosthesis in mitral position. Early embolism in patients not receiving postoperative anticoagulant therapy] Núñez González L, et al. **Rev Esp Cardiol** 30(3):297–300, 1977 **(Spa)**
[Stroke--can we afford specialized care?] Silfverskiöld B. **Lakartidningen** 73(38):3108–12, 15 Sep 76 (Eng. Abstr.) **(Swe)**
[Prevention of thrombosis and embolism in the obstetrics and gynecology clinic; review of the literature] Mikhaĭlenko ET, et al. **Pediatr Akush Ginekol** (4):33–6, Jul–Aug 76 **(Ukr)**

TOXICITY

The susceptibility of Tatera indica, Nesokia indica and Bandicota bengalensis to three anticoagulant rodenticides. Greaves JH, et al. **J Hyg (Camb)** 78(1):75–84, Feb 77

URINE

[Clinical significance of urokinase and anticoagulant activity of the urine in patients suffering from hemorrhagic fever with renal syndrome] Abdurashitov RF. **Urol Nefrol (Mosk)** (3):10–2, May–Jun 77 (Eng. Abstr.) **(Rus)**

ANTIFIBRINOLYTIC AGENTS

The incidence of deep vein thrombosis in prostatectomised patients following the administration of the fibrinolytic inhibitor, aminocaproic acid (EACA). Sinclair J, et al. **Urol Res** 4(3):129–31, 10 Nov 76
[Antifibrinolytic and antimycotic properties of 2-thiontetrahydro-1,3,5-thiadiazine] Kleking GR, et al. **Farmakol Toksikol** 39(4):432–6, Jun–Aug 76 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

[Hemostatic processes in aneurysmal hemorrhages] Hindersin P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 29(3):129–44, Mar 77 (Eng. Abstr.) **(Ger)**
[Thrombocyte aggregation in depression and activation of the anticoagulation system of blood in animals] Pastorova VE. **Kardiologiia** 16(2):123–7, Feb 76 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Renal disorders in haemophilia A and B. Forbes CD, et al. **Scand J Haematol** (30):43–50, 1977

ANALYSIS

Histochemical method to detect antiproteolytic activity in tissues. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):758–60, 15 Jun 76

Changes in human amniotic fluid fibrinolytic inhibitor levels during pregnancy. Aznar J, et al. **Thromb Haemostas** 35(2):382–5, 30 Apr 76

[Inhibitors of fibrinolysis in the human placenta. Histochemical study] Fornasari PM, et al. **Ann Ostet Ginecol Med Perinat** 98(2):104–7, Mar–Apr 77 (Eng. Abstr.) **(Ita)**

BLOOD

Fibrin formation and dissolution in women receiving oral contraceptive drugs. Ball AP, et al. **J Lab Clin Med** 89(4):751–62, Apr 77

ISOLATION & PURIFICATION

[Fibrinolytic components in healthy skin] Chalimova RA. **Vestn Dermatol Venerol** (12):20–3, Dec 76 (Eng. Abstr.) **(Rus)**

METABOLISM

Antiproteolytic activity in foetal organs with low fibrinolytic potential. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):767–9, 15 Jun 76

Antiproteolytic activity in human coronary arteries affected by long-dating atherosclerosis. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):761–3, 15 Jun 76

Antiproteolytic activity in foetal organs with high fibrinolytic potential. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):770–1, 15 Jun 76

Antiproteolytic activity in human placenta and decidua. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):764–6, 15 Jun 76 **(Ita)**

PHARMACODYNAMICS

Inhibition of plasminogen binding to fibrin by alpha2-plasmin inhibitor. Moroi M, et al. **Thromb Res** 10(6):851–6, Jun 77

[Thrombocyte aggregation in depression and activation of the anticoagulation system of blood in animals] Pastorova VE. **Kardiologiia** 16(2):123–7, Feb 76 (Eng. Abstr.) **(Rus)**

[Interrelationship between the dynamic function of thrombocytes and blood coagulation] Pastorova VE. **Usp Fiziol Nauk** 8(2):132–52, Apr–May 77 **(Rus)**

THERAPEUTIC USE

Treatment of advanced breast cancer with chemotherapeutics and inhibition of coagulation and fibrinolysis. Astedt B, et al. **Acta Med Scand** 201(5):491–3, 1977

The effect of antifibrinolytic agents on would healing in vitro. Bergenholtz A, et al. **Experientia** 33(2):254–6, 15 Feb 77

Hemophilic arthropathy. Current concepts of pathogenesis and management. Arnold WD, et al. **J Bone Joint Surg [Am]** 59(3):287–305, Apr 77

The effect of antifibrinolytic therapy in experimental spinal cord trauma. Brodner RA, et al. **J Trauma** 17(1):48–54, Jan 77

The influence of drugs on disseminated intravascular coagulation (DIC). I. Effects of antifibrinolytics and fibrinolytics on thrombin-induced DIC in rats. Markwardt F, et al. **Thromb Res** 9(2):143–52, Aug 76

[Disseminated intravascular coagulation] Dimitrov D. **Vutr Boles** 15(6):1–6, Dec 76 (26 ref.) **(Bul)**

[Tonsillectomy in patients with bleeding disorders] Gastpar H. **Fortschr Med** 95(19):1277–80, 19 May 77 (Eng. Abstr.) **(Ger)**

[Clinical picture and therapy of cerebral apoplexy] Neu I, et al. **Fortschr Med** 95(14):904–8, 14 Apr 77 (Eng. Abstr.) **(Ger)**

[Hepatic failure and disorders of coagulation (author's transl)] Ohler WG. **Leber Magen Darm** 7(4):270–6, Aug 77 (Eng. Abstr.) **(Ger)**

[Current trends in the treatment of patients with cranio-cerebral injuries. Personal experiences, with special reference to the prevention and therapy of gastrointestinal hemorrhages and to treatment with L-dopa] Zuccoli P, et al. **Minerva Anestesiol** 42(7–8):527–36, Jul–Aug 76 (Eng. Abstr.) **(Ita)**

[Some hemocoagulative effects of antifibrinolytic therapy in the minor hemorrhagic diathesis of hepatic cirrhosis] Turpini R. **Minerva Gastroenterol** 22(2):153–8, Apr–Jun 76 (Eng. Abstr.) **(Ita)**

[Physiopathology, clinical aspects and therapy of shock in meningococcic sepsis] Simeoni S, et al. **Recent Prog Med (Roma)** 60(2):131–54, Feb 76 (169 ref.) (Eng. Abstr.) **(Ita)**

[Changes in the blood coagulation system during therapeutic defibrination by defibrase (author's transl)] Hirasawa Y, et al. **Jpn J Clin Pathol** 24(10):827–32, 1976 **(Jpn)**

[Diagnosis and treatment of subarachnoid hemorrhage] **Lakartidningen** 74(10):925–34, 9 Mar 77 (Eng. Abstr.) **(Swe)**

[Use of hemostatic preparations in obstetrical hemorrhages] Pavlovskii DP, et al. **Pediatr Akush Ginekol** (1):33–7, Jan–Feb 76 **(Ukr)**

BISHYDROXYCOUMARIN

ADMINISTRATION & DOSAGE

[Long-term results of prolonged dicoumarol anticoagulant therapy in 327 peipheral arteriopathic subjects] Papadia F, et al. **Chir Ital** 28(6):817–30, Dec 76 (Eng. Abstr.) **(Ita)**

[Treatment of thrombosis during pregnancy] Astedt B. **Lakartidningen** 74(18):1829–30, 4 May 77 **(Swe)**

ADVERSE EFFECTS

Quinton-Scribner arteriovenous shunts for hemodialysis. A review of 6.5 years' experience. Lundberg M, et al. **Scand J Urol Nephrol** 11(1):47–51, 1977

[Subdural hematoma and anticoagulant therapy] Bret P, et al. **Neurochirurgie** 22(6):603–20, 1976 (Eng. Abstr.) **(Fre)**

BLOOD

Genetic control of interindividual variations in the inducibility of aryl hydrocarbon hydroxylase in cultured human lymphocytes. Atlas SA, et al. **Cancer Res** 36(12):4619–30, Dec 76

Factors affecting the excretion of 14C-dicumarol in the bile of rats. Kary CD, et al. **Gen Pharmacol** 7(4):277–82, Sep 76

Identification and quantification of coumarin congeners in human plasma. pp. 121–5. de Wolff FA, et al. **In: Siest G, Young DS, ed. Drug interference and drug measurement in clinical chemistry. Basel, Karger, 1976. QV 38 I602 1975d.**

Comparative pharmacokinetics of coumarin anticoagulants XXIV: Effect of treatment with phenobarbital on serum protein binding of warfarin and dicumarol in rats. Yacobi A, et al. **J Pharm Sci** 66(7):941–3, Jul 77

Relationship between dicumarol distribution and the effect of enzyme induction on dicumarol elimination in rats. Lai CM, et al. **J Pharmacol Exp Ther** 199(1):74–81, Oct 76

CHEMICAL SYNTHESIS

Chelates of dicumarol I: Preparation and structure identification of magnesium chelate. Bighley LD, et al. **J Pharm Sci** 66(8):1124–7, Aug 77

HISTORY

[Prof. Rudolf Marx on his 65th birthday] Eisenburg J. **Fortschr Med** 95(19):1259–60, 19 May 77 **(Ger)**

METABOLISM

Pharmacokinetic analysis of the interaction between dicoumarol and tolbutamide in man. Jähnchen E, et al. **Eur J Clin Pharmacol** 10(5):349–56, 30 Sep 76

Factors affecting the excretion of 14C-dicumarol in the bile of rats. Kary CD, et al. **Gen Pharmacol** 7(4):277–82, Sep 76

Clinical implications of interindividual differences in plasma protein binding of drugs and endogenous substances. pp. 137–51. Levy G. **In: Benet LZ, ed. The effect of disease states on drug pharmacokinetics. Washington, American Pharmaceutical Assc., 1976. QV 38 A512e 1976.**

Comparison of graphical and computerized methods for calculating binding parameters for two strongly bound drugs to human serum albumin. Vallner JJ, et al. **J Pharm Sci** 65(8):1182–7, Aug 76

Relationship between dicumarol distribution and the effect of enzyme induction on dicumarol elimination in rats. Lai CM, et al. **J Pharmacol Exp Ther** 199(1):74–81, Oct 76

Metabolism of dicumarol-14 C by rat-liver microsomes. Lee

FH, et al. **Pharmacol Res Commun** 8(5):469–75, Oct 76
Effects of antacids on gastrointestinal absorption of drugs. Romankiewicz JA. **Primary Care** 3(3):537–50, Sep 76
[Drug interactions in cardiovascular therapy] Koch-Weser J. **Schweiz Med Wochenschr** 106(45):1531–8, 6 Nov 76 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Vitamin K-dependent gamma-carboxyglutamic acid formation by kidney microsomes in vitro. Hauschka PV, et al. **Biochem Biophys Res Commun** 71(4):1207–13, 23 Aug 76
Pharmacokinetic analysis of the interaction between dicoumarol and tolbutamide in man. Jähnchen E, et al. **Eur J Clin Pharmacol** 10(5):349–56, 30 Sep 76
Actions of insulin in fat cells. Effects of low temperature, uncouplers of oxidative phosphorylation, and respiratory inhibitors. Kono T, et al. **J Biol Chem** 252(7):2226–33, 10 Apr 77
Cancer and vitamin K [letter] Egilsson V. **Lancet** 2(8031):254–5, 30 Jul 77
Quinton-Scribner arteriovenous shunts for hemodialysis. A review of 6.5 years' experience. Lundberg M, et al. **Scand J Urol Nephrol** 11(1):47–51, 1977
Prothrombin determination by means of a chromogenic peptide substrate. Axelsson G, et al. **Thromb Haemostas** 36(3):517–24, 31 Dec 76
[Mechanism of metabolic and ionic germination of 'Bacillus licheniformis' spores treated with hydrogen peroxide (author's transl)] Cerf O. **Ann Microbiol (Paris)** 128(2):151–66, Feb-Mar 77 (Eng. Abstr.) **(Fre)**

THERAPEUTIC USE

Disseminated intravascular coagulation induced by progesterone in the pregnant rat. Prevention by estogens. Stamler FW. **Am J Pathol** 86(3):603–22, Mar 77
An evaluation of anticoagulation in glaucoma therapy. Shields MB, et al. **Ann Ophthalmol** 9(9):1115–8, Sep 77
Factors influencing postoperative vascular patency. Piepgras DG. **Clin Neurosurg** 23:310–7, 1976
New techniques in the diagnosis of acute pulmonary embolism. Almér LO, et al. **Scand J Respir Dis [Suppl]** (85):176–80, 1974
Comparison between British Comparative Thromboplastin (BCT) and a factor II-VII-X determination method (simplastin A) based on fresh plasma samples from dicoumarol-treated patients. Korsan-Bengtsen K, et al. **Thromb Haemostas** 37(1):98–103, 28 Feb 77
[The importance of clinical observations for medical research] Koller F. **Schweiz Med Wochenschr** 106(44):1489–98, 30 Oct 76 (84 ref.) (Eng. Abstr.) **(Ger)**
[Long-term results of prolonged dicoumarol anticoagulant therapy in 327 peipheral arteriopathic subjects] Papadia F, et al. **Chir Ital** 28(6):817–30, Dec 76 (Eng. Abstr.) **(Ita)**
[Treatment of thrombosis during pregnancy] Astedt B. **Lakartidningen** 74(18):1829–30, 4 May 77 **(Swe)**

BLOOD COAGULATION

The pathophysiology of acute pancreatitis and the use of trasylol in treatment. Trapnell JE. **Acta Anaesthesiol Belg** 27 suppl:350–5, 1976
Sensitization of stabilized fibrin to urea dispersion by undiluted plasma and serum. de Cataldo F, et al. **Acta Haematol (Basel)** 58(2):79–83, 1977
Thromboresistance and stability of a heparinized polymer. Heideman M, et al. **Acta Radiol [Diagn] (Stockh)** 17(6):877–85, Nov 76
Aerobic exercise as a therapeutic modality in the relief of stress. Eliot RS, et al. **Adv Cardiol** 18(0):231–42, 1976
Role of the Hancock 'stabilized glutaraldehyde process' bioprosthesis in the management of mitral valve disease. Litwak RS, et al. **Adv Cardiol** 20:90–101, 1977
Platelet and coagulation function in relation to thromboembolic stroke. Barnett HJ. **Adv Neurol** 16:45–70, 1977 (57 ref.)
The role of serial echocardiography in the evaluation and differential diagnosis of pericardial disease. Allen JW, et al. **Am Heart J** 93(5):560–7, May 77
Effect of garlic on serum lipids, coagulability and fibrinolytic activity of blood [letter] Jain RC. **Am J Clin Nutr** 30(9):1380–1, Sep 77
Analysis and interpretation of the impedance blood coagulation curve. Ur A. **Am J Clin Pathol** 67(5):470–6, May 77
Comparison of the reaction-rate and clot-density methods for determination of plasma fibrinogen. Zacharski LR, et al. **Am J Clin Pathol** 68(1):45–52, Jul 77
von Willebrand's disease: current concepts. Green D, et al. **Am J Med** 62(3):315–8, Mar 77
Lupus anticoagulant in myelofibrosis. Bernhardt B, et al. **Am J Med Sci** 272(2):229–31, Sep-Oct 76
Normal hemostatic mechanisms: a review. Pool JG. **Am J Med Technol** 43(8):776–80, Aug 77
Coagulation and fibrinolysis in molar pregnancy. López-Llera M, et al. **Am J Obstet Gynecol** 127(8):855–60, 15 Apr 77
Control of variceal bleeding by superior mesenteric artery vasopressin infusion. Kaufman SL, et al. **Am J Roentgenol** 128(4):567–9, Apr 77
The effects of operative stress on the coagulation profile. Collins GJ Jr, et al. **Am J Surg** 133(5):612–6, May 77
The role of the platelet in coagulation and clinical thrombotic events. Porter JM, et al. **Am J Surg** 134(2):231–5, Aug 77
Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
Hemorheological factors in Raynaud's phenomenon. Dintenfass L. **Angiology** 28(7):472–81, Jul 77
Hageman complement and factor. Kim Z. **Ann Allergy** 38(3):211–4, Mar 77
Hereditary complement defect and kinins involvement in asthma. Neuman I, et al. **Ann Allergy** 38(2):79–82, Feb 77
Hematologic aspects of systemic lupus erythematosus. Current concepts. Budman DR, et al. **Ann Intern Med** 86(2):220–9, Feb 77
Metabolic influences in experimental thrombosis. Antoniades HN, et al. **Ann NY Acad Sci** 275:28–46, 1976
Cryocoagulation of retinal vessels: an experimental model of intravascular coagulation. Peyman GA, et al. **Ann Ophthalmol** 9(2):209–24, Feb 77
Experimental stapedectomy. Thomas GK. **Ann Otol Rhinol Laryngol** 86(4 Pt 2 Suppl 40):1–39, Jul-Aug 77
Formation and fate of fibrin clots in the biliary tract: a clinical and experimental study. Sandblom P, et al. **Ann Surg** 185(3):356–66, Mar 77
Platelet function, blood coagulability, and fibrinolysis in patients with low tension glaucoma. Joist JH, et al. **Arch Ophthalmol** 94(11):1893–5, Nov 76
The endothelium: roles in thrombosis and hemostasis Mason RG, et al. **Arch Pathol Lab Med** 101(2):61–4, Feb 77 (96 ref.)
The lupus anticoagulant. Boxer M, et al. **Arthritis Rheum** 19(6):1244–8, Nov-Dec 76
ABO blood group and cardiovacular disease: the Framingham study. Garrison RJ, et al. **Atherosclerosis** 25(2–3):311–8, Nov-Dec 76
Purification and characterization of a coagulant protein from the venom of Russell's viper. Furukawa Y, et al. **Biochim Biophys Acta** 453(1):48–61, 26 Nov 76
Fibrin digestion by thrombin. Comparison with plasmin-digested fibrinogen. Kang EP, et al. **Biochim Biophys Acta** 490(2):430–42, 22 Feb 77
Coagulation in the crayfish, Astacus leptodactylus: attempts to identify a fibrinogen-like factor in the hemolymph. Durliat M, et al. **Biol Bull** 151(3):467–77, Dec 76
Considerations of species-related hematological differences on the evaluation of biomaterials. Bruck SD. **Biomater Med Devices Artif Organs** 5(1):97–113, 1977
Dacron as arterial prosthetic material: nature, properties, brands, fate and perspectives. Guidoin R, et al. **Biomater Med Devices Artif Organs** 5(2):177–203, 1977
Hemofiltration and thrombus formation in hollow fiber hemodialyzers. Ward RA, et al. **Biomater Med Devices Artif Organs** 5(2):147–58, 1977
Murine tumor cell activity on in vitro hemostasis. Cattan A, et al. **Biomedicine** 25(7):252–4, 30 Sep 76
Identification of fibrin oligomers in sonicated fibrin clots. Henry F, et al. **Biophys Chem** 6(2):161–5, Jan 77
Rheology of fibrin clots. III. Shear creep and creep recovery of fine ligated and coarse unligated closts. Nelb GW, et al. **Biophys Chem** 5(3):377–87, Sep 76
On enzymatic clotting processes. I. Kinetics of enzyme-triggered coagulation reactions. Payens TA, et al. **Biophys Chem** 6(3):253–61, Apr 77
Conversion of fibrinogen to fibrin. The correlation between clotting kinetics and morphology of fibrin polymerized in different solvent media. Conio G, et al. **Biopolymers** 15(10):1979–90, Oct 76
The clotting of the lysed white cells of Limulus induced by endotoxin--I: Preparation and characterization of clot-forming proteins. Gaffin SL. **Biorheology** 13(5):273–80, Nov 76
The importance of flow in blood vessels. Hess H, et al. **Biorheology** 13(4):221–3, Aug 76

Circulating anticoagulant in a family with prolonged bleeding time and factor VIII deficiency. Diez-Ewald M, et al. **Blood** 49(5):799–806, May 77

Mechanisms involved in enhancement of plasma fibrinolytic activity by chloroform. Moroz LA, et al. **Blood** 48(5):777–90, Nov 76

Lipid A as the biologically active moiety in bacterial endotoxin (LPS)-initiated generation of procoagulant activity by peripheral blood leukocytes. Niemetz J, et al. **Blood** 49(6):947–56, Jun 77

Platelet function, blood coagulation and fibrinolysis in Behcet's syndrome. Stathakis NE, et al. **Blut** 34(3):215–22, Mar 77

Intravascular coagulation resulting from intravenous injection of C. parvum in mice. Lampert IA, et al. **Br J Cancer** 36(1):15–22, Jul 77

Granuloma annulare: direct immunofluorescence study. Umbert P, et al. **Br J Dermatol** 95(5):487–92, Nov 76

Changes in electrophoretic mobility of human factor VIII-related antigen: evidence for subunit structure. Ekert H, et al. **Br J Haematol** 36(2):271–9, Jun 77

Coagulation studies in a patient with homozygous C3 deficiency [letter]. Gomperts ED, et al. **Br J Haematol** 35(1):165–6, Jan 77

Rheology and blood coagulation. McIntire LV. **Br J Haematol** 36(3):299–304, Jul 77 (32 ref.)

Factor XI and platelets: Evidence that platelets contain only minimal factor XI activity and antigen. Schiffman S, et al. **Br J Haematol** 35(3):429–36, Mar 77

Metabolism and function of human platelets washed by albumin density gradient separation. Walsh PN, et al. **Br J Haematol** 36(2):287–96, Jun 77

Platelet antithrombins: role of thrombin binding and the release of platelet fibrinogen. Watanabe K, et al. **Br J Haematol** 35(1):123–33, Jan 77

Blood coagulations studies in pregnant patients with infective hepatitis. Dube B, et al. **Br J Obstet Gynaecol** 84(8):592–9, Aug 77

Haemostatic mechanisms in maternal, umbilical vein and umbilical artery blood at the time of delivery. Foley ME, et al. **Br J Obstet Gynaecol** 84(2):81–7, Feb 77

Thrombogenicity of arterial catheters and guidewires. Roberts GM, et al. **Br J Radiol** 50(594):415–8, Jun 77

Coagulation changes in sensitized canine renal allografts. Brennan TG, et al. **Br J Surg** 64(1):15–22, Jan 77

Studies on vitamin E and selenium deficiency in young pigs. IV. Effect on coagulation system. Fontaine M, et al. **Can J Comp Med** 41(1):64–76, Jan 77

Leukocytic fibrinolysis in myelomonocytic leukemia. Talarico L, et al. **Cancer** 39(4):1618–24, Apr 77

Blood coagulation changes in mice bearing Lewis lung carcinoma, a metastasizing tumor. Poggi A, et al. **Cancer Res** 37(1):272–7, Jan 77

Platelet activating factor, the trigger of haemostatic alterations in rat anaphylaxis. Fésüs L, et al. **Clin Exp Immunol** 27(3):512–5, Mar 77

Migration inhibition factor and the blood clotting system: effects of defibrination, heparin and thrombin. Mäkinen T, et al. **Clin Exp Immunol** 29(1):181–6, Jul 77

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

Hematological and vascular concepts in relation to stroke. Didisheim P, et al. **Clin Neurosurg** 23:125–39, 1976

Coagulation, oestrogen and the menopause. Notelovitz M. **Clin Obstet Gynaecol** 4(1):107–28, Apr 77

The incidence of post-operative deep vein thrombosis after splenectomy. Butler MJ, et al. **Clin Oncol** 3(1):51–6, Mar 77

Is dry socket preventable? Rozanis J, et al. **Dent J** 43(5):233–6, May 77

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

The abscence of intravascular clotting in rat anaphylaxis. Fésüs L, et al. **Experientia** 32(11):1477–8, 15 Nov 76

Probable physiologic functions of heparin. Engelberg H. **Fed Proc** 36(1):70–2, Jan 77

Blood of the common indian weaver birds Ploceus philippinus and Ploceus benghalensis (Linnaeus). Banerjee V, et al. **Folia Haematol (Leipz)** 103(4):506–15, 1976

Nephelometric study of the clotting of blood plasma (fibrinogen-fibrin phase) by patients with delirium tremens and chronic alcoholics. Tarâlov S, et al. **Folia Med (Plovdiv)** 18(2):171–6, 1976

A comparison of the effects of oestriol succinate and ethinyl oestradiol on blood coagulation, platelet function and fibrinolysis in post-menopausal women. Davies T, et al. **Front Horm Res** 3:185–98, 1975 (35 ref.)

Behaviour of 125I-fibrinogen and 131I-albumin in experimental galactosamine-induced hepatitis. Mahn I, et al. **Gut** 18(7):547–55, Jul 77

Effect of potato protease inhibitor on the clotting system and fibrinolysis in the dog. Worowski K, et al. **Haematologia (Budap)** 10(3–4):331–7, 1976

Pretreatment with heparin in thrombolytic therapy with Urokinase. Heparin-urokinase therapy. Bizzi B, et al. **Haemostasis** 5(3):147–54, 1976

The role of factor XI in the coagulant activity of platelets. Connellan JM, et al. **Haemostasis** 6(1):41–52, 1977

Evaluation of hypercoagulability in septic abortion. Graeff H, et al. **Haemostasis** 5(5):285–94, 1976

Changes in coagulation factors following acute myocardial infarction in man. Rennie JA, et al. **Haemostasis** 5(4):258–64, 1976

Changes in blood clotting systems during migraine attacks. Kalendovsky Z, et al. **Headache** 16(6):293–312, Jan 77

Structure and function of fibrinogen. Doolittle RF. **Horiz Biochem Biophys** 3:164–91, 1977 (38 ref.)

Some reflections on the importance of calcium. pp. 3–6. Buller AJ.
In: Carafoli E, et al., ed. Calcium transport in contraction and secretion. Amsterdam, North-Holland, 1975. QV 276 I61c 1975.

What has been done with regard of blood compatibility? pp. 299–301. Lagergren H.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Scanning electron microscopical observation on microporous membrane oxygenators. pp. 203–11. Lautier A, et al.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Some approaches to blood-compatible materials. pp. 303–18. Pusineri C, et al.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Coagulation studies in chronic active hepatitis. pp. 49–53. Coccheri S, et al.
In: Gentilini P, et al., ed. Chronic hepatitis. Basel, Karger, 1976. WI 703 I58c 1975.

Complement and inflammation: an approach to the pharmacology of the complement system. pp. 53–75. di Perri T, et al.
In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975.

Normal platelet numbers. Pulmonary-platelet interactions. pp. 89–97. Crosby WH.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)

The biochemistry of prothrombin activation. pp. 61–99. Jackson CM.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (175 ref.)

Control of heparin therapy by thromboelastography. pp. 211–8. Raby C.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Detection and prevention of deep vein thrombosis in the general surgical patient. pp. 61–90. Lee BY, et al.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976. (33 ref.)

The effect of total parenteral nutrition on the blood coagulation profile. pp. 285–9. Breda R, et al.
In: Manni C, ET AL., ED. Total parental alimentation. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.367 1976.

The role of proteases in biological regulation. pp. 29–42. Neurath H, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (21 ref.)

Observation on second heterotypic dengue virus infection in mice. Sarkar JK, et al. **Indian J Med Res** 64(12):1713–9, Dec 76

Monocyte and neutrophil chemotactic activity of normal and diluted human serum and plasma. Jungi TW. **Int Arch Allergy Appl Immunol** 53(1):18–28, 1977

Surgery of the alveolar process as related to prosthesis. Hahn

W. **Int Dent J** 27(2):139–45, 2 Jun 77

Pulmonary hypertention, blood coagulation and aspirin treatment in high altitude exposed cattle. Hays FL, et al. **Int J Biometeorol** 20(1):56–60, Mar 76

Fibrin complexes in intermediary coagulation. Shainoff JR, et al. **Int J Dermatol** 15:738–41, Dec 76

Mediators of inflammation. Ratnoff OD. **J Allergy Clin Immunol** 58(3):438–46, Sep 76 (61 ref.)

Turnover of fibrinogen, plasminogen, and prothrombin during exercise in man. Collen D, et al. **J Appl Physiol** 42(6):865–73, Jun 77

Hematologic changes after two exposures to 6.7 ATA air at three-day intervals. Jacey MJ, et al. **J Appl Physiol** 42(6):838–44, Jun 77

Disseminated intravascular coagulation in cases of snake bite (Echis carinatus). Bhargava RK, et al. **J Assoc Physicians India** 24(10):671–5, Oct 76

A clottable protein (coagulogen) of horseshoe crab hemocytes. Structural change of its polypeptide chain during gel formation. Nakamura S, et al. **J Biochem (Tokyo)** 80(3):649–52, Sep 76

Human blood coagulation factor XI. Purification, properties, and mechanism of activation by activated factor XII. Bouma BN, et al. **J Biol Chem** 252(18):6432–7, 25 Sep 77

Isolation and characterization of alpha2-plasmin inhibitor from human plasma. A novel proteinase inhibitor which inhibits activator-induced clot lysis. Moroi M, et al. **J Biol Chem** 251(19):5956–65, 10 Oct 76

Studies on Limulus amoebocyte lysate II. Purification of the coagulogen and the mechanism of clotting. Tai JY, et al. **J Biol Chem** 252(14):4773–6, 25 Jul 77

Polytetrafluoroethylene-N-vinylpyrrolidone graft copolymers: affinity with plasma proteins. Boffa GA, et al. **J Biomed Mater Res** 11(3):317–37, May 77

Interactions of synthetic and natural surfaces with blood in the physiological environment. Bruck SD. **J Biomed Mater Res** 11(1):1–21, Jan 77

Blood compatibility of methyl, methyl vinyl, methyl phenyl, and trifluoropropylmethylvinyl silicone rubber without silica fillers in the spiral-coiled membrane lung. Kolobow T, et al. **J Biomed Mater Res** 11(4):471–81, Jul 77

Development of blood-compatible elastomers. V. Surface structure and blood compatibility of avcothane elastomers. Nyilas E, et al. **J Biomed Mater Res** 11(1):69–84, Jan 77

Prekallikrein deficiency in a kindred with kininogen deficiency and Fitzgerald trait clotting defect. Evidence that high molecular weight kininogen and prekallikrein exist as a complex in normal human plasma. Donaldson VH, et al. **J Clin Invest** 60(3):571–83, Sep 77

Leukocyte procoagulant activity: enhancement of production in vitro by IgG and antigen-antibody complexes. Rothberger H, et al. **J Clin Invest** 59(3):549–57, Mar 77

Purification of high molecular weight kininogen and the role of this agent in blood coagulation. Saito H. **J Clin Invest** 60(3):584–94, Sep 77

The measurement of thrombin in clotting blood by radioimmunoassay. Shuman MA, et al. **J Clin Invest** 58(5):1249–58, Nov 76

Comparison of rabbit and pig plasma in the tube coagulase test. Yrios JW. **J Clin Microbiol** 5(2):221–4, Feb 77

Coagulation disorders. Bonnar J. **J Clin Pathol [Suppl]** (10):35–41, 1976

Fibrin deposition in pregnancy. Stalker AL. **J Clin Pathol [Suppl]** (10):70–6, 1976

Salmonella in pig carcasses for human consumption in Hong Kong: a study on the mode of contamination. Chau PY, et al. **J Hyg (Camb)** 78(2):253–60, Apr 77

Morphology of delayed-type hypersensitivity reactions in man. Dvorak HF, et al. **J Invest Dermatol** 67(3):391–401, Sep 76

Musculoskeletal trauma. Systemic effects. Jacobs RR, et al. **J Kans Med Soc** 77(11):495–7, Nov 76

The nature of the interaction between ristocetin-Willebrand factor VIII coagulant activity molecule. Brockway WJ, et al. **J Lab Clin Med** 89(6):1295–1305, Jun 77

Quantitative venographic assessment of deep vein thrombosis in the evaluation of streptokinase and heparin therapy. Marder VJ, et al. **J Lab Clin Med** 89(5):1018–29, May 77

Kinetic characterization of hemostasis in thermal injury. Simon TL, et al. **J Lab Clin Med** 89(4):702–11, Apr 77

Platelet-cancer cell interaction in metastasis formation: a possible therapeutic approcach to metastasis prophylaxis. Gastpar H. **J Med** 8(2):103–14, 1977

Thromboelastographic changes in carcinoma: an animal model. Haid M, et al. **J Med** 7(3–4):189–216, 1976

Disseminated intravascular coagulation associated with removal of a primary brain tumor. Case report. Matjasko MJ, et al. **J Neurosurg** 47(3):476–80, Sep 77

Imaging experimental pulmonary ischemic lesions after inhalation of a diffusible radioaerosol: concise communication. Taplin GV, et al. **J Nucl Med** 18(3):250–4, Mar 77

Analogous effects of zinc deficiency and aspirin toxicity in the pregnant rat. O'Dell BL, et al. **J Nutr** 107(7):1222–8, Jul 77

Patient health status evaluation procedures for the dental profession. Part IV. Laboratory medicine in a dental practice. Chasens AI. **J Oral Med** Spec No.:13–6, 1976

New neonatal problems of blood coagulation and fibrinolysis. II. Thromboplastic effect of amniotic fluid and its relation to lung maturity. Suzuki S, et al. **J Perinat Med** 4(4):221–6, 1976

New neonatal problems of blood coagulation and fibrinolysis. I. The change of plasmin inhibitor levels in the newborn infant. Suzuki S, et al. **J Perinat Med** 4(4):213–20, 1976

Experimentally induced stress in man: effects on blood coagulation and fibrinolysis. Palmblad J, et al. **J Psychosom Res** 21(1):87–92, 1977

Improved developement of head-fold rat embryos in culture resulting from low oxygen and modifications of the culture serum. New DA, et al. **J Reprod Fertil** 48(1):219–22, Sep 76

Erythema elevatum diutinum: cutaneous vasculitis, impaired clot lysis, and response to phenformin. Schumacher HR, et al. **J Rheumatol** 4(1):103–12, Spring 77

Intravascular coagulation and pulmonary edema in the septic baboon. Holcroft JW, et al. **J Surg Res** 22(3):209–20, Mar 77

Monitoring of intraoperative heparinization and blood loss following cardiopulmonary bypass surgery. Babka R, et al. **J Thorac Cardiovasc Surg** 73(5):780–2, May 77

Survival for 145 days with a total artificial heart. Kasai S, et al. **J Thorac Cardiovasc Surg** 73(4):637–46, Apr 77

Blood coagulation, fibrinolysis and the mercurial nephrotic syndrome. Barr RD, et al. **J Trop Med Hyg** 79(10):235–6, Oct 76

Extraordinary bladder clots. Keiller DL. **J Urol** 117(1):43–5, Jan 77

A new approach to the treatment of priapism. Wear JB Jr, et al. **J Urol** 117(2):252–4, Feb 77

beta-thromboglobulin and heparin-neutralising activity test in clinical conditions [letter] **Lancet** 1(8022):1153–4, 28 May 77

Effect of a diet of polyunsaturated fats on some platelet-function tests. O'Brien JR, et al. **Lancet** 2(7993):995–6, 6 Nov 76

Von Willebrand disease San Diego [letter]. Veltkamp JJ, et al. **Lancet** 2(7991):909, 23 Oct 76

Septic shock in obstetrics and gynecology. Pathophysiology. Rao PS, et al. **Major Probl Obstet Gynecol** 11:5–76, 1977 (285 ref.)

Biomaterials and biocompatibility. Williams DF. **Med Prog Technol** 4(1–2):31–42, 20 Jul 76 (62 ref.)

Coagulant protein of Russell's viper venom. Furie BC, et al. **Methods Enzymol** 45:191–205, 1976

Introduction to clotting and lysis in blood plasma. Lorand L. **Methods Enzymol** 45:31–7, 1976 (36 ref.)

Thrombin. Lundblad RL, et al. **Methods Enzymol** 45:156–76, 1976

Prothrombin. Mann KG. **Methods Enzymol** 45:123–56, 1976

Ancrod, the coagulating enzyme from Malayan pit viper (Agkistrodon rhodostoma) venom. Nolan C, et al. **Methods Enzymol** 45:205–13, 1976

Vitamin K, prothrombin and gamma-carboxyglutamic acid [editorial]. Stenflo J. **N Engl J Med** 296(11):624–6, 17 Mar 77

Hydroxyproline-containing protein adsorbed on to cellular elements of whole human blood. Miller R, et al. **Nature** 267(5608):272–4, 19 May 77

Heparin-like inhibitor of blood coagulation in normal newborn. Muller AD, et al. **Nature** 267(5612):616–7, 16 Jun 77

Membrane asymmetry and blood coagulation. Zwaal RF, et al. **Nature** 268(5618):358–60, 28 Jul 77

The risk of anticoagulation in hemodialysis patients. Biggers JA, et al. **Nephron** 18(2):109–13, 1977

Congenital release thrombocytopathy: pathophysiology and management. Adashi E, et al. **Obstet Gynecol** 48(4):403–6, Oct 76

Acidic glycosaminoglycans in three layers of human aorta: their different constitution and anticoagulant function. Nakazawa K, et al. **Paroi Arterielle** 2(4):203–11, May 75

Mechanisms of thrombotic disease. Paton RC, et al. **Pathobiol Annu** 6:59–93, 1976 (332 ref.)

Factor V and VIII activation 'in vivo' during bleeding. Evidence of thrombin formation at the early stage of hemostasis. Jensen AH, et al. **Pathol Biol (Paris)** 24 Suppl:6–10, Dec 76

The hemolytic uremic syndrome. Kaplan BS, et al. **Pediatr Clin North Am** 23(4):761–77, Nov 76 (87 ref.)

Hageman factor and disseminated intravascular coagulation (DIC) in newborns and rabbits. Corrigan JJ Jr, et al. **Pediatr Res** 11(8):916–20, Aug 77

Care of the critically ill child: the bleeding neonate. Glader BE, et al. **Pediatrics** 58(4):548–55, Oct 76

The role of coagulation and fibrinolysis in preeclampsia. Bonnar J, et al. **Perspect Nephrol Hypertens** 5:85–93, 1976

Does coagulation have a causative role in eclampsia? Pritchard JA, et al. **Perspect Nephrol Hypertens** 5:95–102, 1976

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

Observations on behavior of platelet adhesiveness at the late stage of burn disease. Nasiłowski W, et al. **Pol Med Sci Hist Bull** 15–16(4):377–83, Oct–Dec 76

Intravascular coagulation and fibrinolysis. Palmer RL. **Postgrad Med** 62(1):181–7, Jul 77

Therapeutics. Guidelines for heparin administration in thromboembolic disease. Prupas HM. **Postgrad Med** 62(2):157–61, Aug 77

Studies on the blood clotting and fibrinolytic system in the plasma from a sei (baleen) whale. Saito H, et al. **Proc Soc Exp Biol Med** 152(4):503–7, Sep 76

The blood clotting mechanism. Esnouf MP. **Prog Clin Biol Res** 5:69–84, 1976 (105 ref.)

The complement system: a progress report. Prahl JW. **Prog Clin Biol Res** 5:43–67, 1976

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

Nutrition and atherosclerosis. Dayton S. **Prog Food Nutr Sci** 1(3):191–205, 1975 (16 ref.)

Quantitative aspects of computed tomography of the blood and cerebrospinal fluid. Norman D, et al. **Radiology** 123(2):335–8, May 77

The clot: the hypercoagulable state. Wallner SF. **Rocky Mt Med J** 74(3):130–5, May–Jun 77

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

The problem of thromboembolic disease. Sherry S. **Semin Nucl Med** 7(3):205–11, Jul 77

Kininogens of human plasma. Habal FM, et al. **Semin Thromb Hemostas** 3(1):27–42, Jul 76 (78 ref.)

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

Plasma inhibitors of the Hageman factor dependent pathways. Schreiber AD. **Semin Thromb Hemostas** 3(1):32–51, Jul 76 (53 ref.)

Platelet kinetics--1975. Ries CA. **Ser Haematol** 8(3):98–104, 1975

Thromboelastographic distinction of malignant and benign breast masses. McKee LC Jr. **South Med J** 70(7):773, Jul 77

Syndromes of intravascular coagulation. Rodríguez-Erdmann F. **Surg Annu** 9:1–28, 1977 (28 ref.)

Symposium on response to infection and injury II: forword. Clowes GH. **Surg Clin North Am** 56(5):997–8, Oct 76

Hemobilia: some salient features and their causes. Sandblom P, et al. **Surg Clin North Am** 57(2):397–408, Apr 77 (16 ref.)

Post-traumatic pulmonary insufficiency. Pardy BJ, et al. **Surg Gynecol Obstet** 144(2):259–69, Feb 77

The effect of microaggregates in stored blood on canine pulmonary vascular resistance. Girdano J, et al. **Surgery** 80(5):617–23, Nov 76

The chemistry of blood coagulation: a summary by Paul Morawitz (1905). Beck EA. **Thromb Haemostas** 37(3):376–9, 30 Jun 77

The clotting of a snake (Crotalus viridis Helleri) plasma and its interaction with various snake venoms. Denson KW. **Thromb Haemostas** 35(2):314–23, 30 Apr 76

Molecular size distribution of fibrinogen derivatives formed in vitro and in vivo: a chromatographic study. Donati MB, et al. **Thromb Haemostas** 36(1):14–26, 31 Aug 76

Blood coagulation and fibrinolysis in thyroid disease. Farid NR, et al. **Thromb Haemostas** 35(2):415–22, 30 Apr 76

Clottability and cross-linking reactivity of fibrin(ogen) following differential release of fibrinopeptides A and B. Furlan M, et al. **Thromb Haemostas** 36(3):582–92, 31 Dec 76

Studies on the tissue thromboplastin during the coagulation-fibrinolytic process--ultrastructural changes. Hasegawa H, et al. **Thromb Haemostas** 37(3):541–8, 30 Jun 77

Studies on chemically modified fibrinogen. Kloczewiak M, et al. **Thromb Haemostas** 35(2):324–33, 30 Apr 76

Marathon run I: effects on blood coagulation and fibrinolysis. Mandalaki T, et al. **Thromb Haemostas** 37(3):444–50, 30 Jun 77

Comparative studies of coagulative and fibrinolytic faculties between the Japanese monkey and the human. Suzuki K, et al. **Thromb Haemostas** 37(2):233–42, 30 Apr 77

Demonstration of reactivity to airborne and food allergens in cutaneous vasculitis by variations in fibrinopeptide A and other blood coagulation, fibrinolysis and complement parameters. Theorell H, et al. **Thromb Haemostas** 36(3):593–604, 31 Dec 76

Soluble fibrin complexes in coronary disease. Anaya-Galindo R, et al. **Thromb Res** 9(2):153–65, Aug 76

The role of red cells in haemostatic plug formation in the isolated rabbit mesentery. Bergqvist D, et al. **Thromb Res** 11(1):95–100, Jul 77

The identification of accelerated coagulability. Caprini JA, et al. **Thromb Res** 9(2):167–80, Aug 76

Interaction between factor XII (Hageman factor), high molecular weight kininogen and prekallikrein. Chan JY, et al. **Thromb Res** 9(5):423–33, Nov 76

Evaluation of three methods used to identify accelerated coagulability. Cohen E, et al. **Thromb Res** 10(4):587–604, Apr 77

Mechanical trauma effect on clot structure formation. Glover CJ, et al. **Thromb Res** 10(1):11–25, Jan 77

PURITY AND GENUINITY OF HUMAN FIBRINOGEN [LETTER]. Godal HC, et al. **Thromb Res** 9(4):419–21, Oct 76

High levels of factor VIII--related antigen in cadaveric blood. Hargreaves LN, et al. **Thromb Res** 9(3):301–5, Sep 76

Isolation of residual fibrinogen from a supernatant of plasma precipitated with 2.1 M glycine. Jilg W, et al. **Thromb Res** 9(5):479–89, Nov 76

Inhibition of plasminogen binding to fibrin by alpha2-plasmin inhibitor. Moroi M, et al. **Thromb Res** 10(6):851–6, Jun 77

Procoagulant activity of thrombosthenin preparations. Muszbek L, et al. **Thromb Res** 10(5):635–44, May 77

Potentiation of the thrombin induced platelet release reaction by fibrin. Niewiarowski S, et al. **Thromb Res** 9(2):181–90, Aug 76

Synthetic inhibitors of serine proteinases XIV.+) inhibition of Factor Xa by derivatives of benzamidine. Stürzebecher J, et al. **Thromb Res** 9(6):637–46, Dec 76

Acquisition of typing serum from post partum blood clots. Gazit E, et al. **Tissue Antigens** 9(1):66–8, Jan 77

The granular cells of Galleria mellonella during clotting and phagocytic reactions in vitro. Rowley AF, et al. **Tissue Cell** 8(3):437–46, 1976

Hemorrhagic diathesis in Weber-Christian disease. Mori K, et al. **Tohuku J Exp Med** 118 Suppl:227–43, 1976

Heterotopic (auxiliary) liver transplantation in man. Fortner JG, et al. **Transplant Proc** 9(1):217–21, Mar 77

Coagulation, fibrinolysis and venous thrombosis. Nilsson IM. **Triangle** 16(1):19–27, 1977 (76 ref.)

Exposure to ultrasound decreases the recalcification time of platelet rich plasma. Williams AR, et al. **Ultrasound Med Biol** 2(2):113–8, Feb 76

Ultrasonic exposure modifies platelet morphology and function in vitro. Williams AR, et al. **Ultrasound Med Biol** 2(4):311–7, 1977

The response of fish blood cells, particularly thrombocytes, to decompression. Casillas E, et al. **Undersea Biomed Res** 3(3):273–81, Sep 76

Vitamin E. Bieri JG, et al. **Vitam Horm** 34:31–75, 1976 (196 ref.)

Role of platelets in hemostasis and thrombosis. Rodvien R, et al. **West J Med** 125(3):181–6, Sep 76

Thrombogenic activity of mouse and human tumors: effects on platelets, coagulation, and fibrinolysis, and possible significance for metastases. Gasic GJ, et al. **Z Krebsforsch** 86(3):263–77, 30 Aug 76

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

[Blood platelets and blood coagulation] Kubisz P. **Bratisl Lek Listy** 66(1):103–9, 1 Jul 76 **(Cze)**

[Thrombocyte aggregation and coagulation in transient cerebral ischemia (TCI)] Andersen LA, et al. **Ugeskr Laeger** 139(19):1111–4, 9 May 77 (Eng. Abstr.) **(Dan)**

[Autotransfusion, an old concept with new interest] Buth J, et al. **Ned Tijdschr Geneeskd** 121(5):164–71, 29 Jan 77 (Eng. Abstr.) **(Dut)**

[Hemolymph coagulation in Locusta migratoria] Brehelin M. **Ann Parasitol Hum Comp** 52(1):98–9, Jan–Feb 77 **(Fre)**

[Antithrombin III during coagulation in vitro] Aiach M, et al. **Ann Pharm Fr** 34(1–2):43–50, 1976 (Eng. Abstr.) **(Fre)**

[Hemolymph coagulation in Macropipus puber (L.) Crustacea Decapoda. Respective roles of hemolymph and plasma] Ghidalia W, et al. **C R Acad Sci [D] (Paris)** 284(1):69–72, 3 Jan 77 (Eng. Abstr.) **(Fre)**

[Significance of the cephalin–kaolin coagulation time in surgical odontology] Vialatel C, et al. **Rev Odontostomatol (Paris)** 5(5):341–4, Sep–Oct 76 **(Fre)**

[Endocrine and nephro–urologic changes in hypertensive and toxemic pregnancy] Beaufils M, et al. **Rev Prat** 27(9):469–79, 11 Feb 77 (Eng. Abstr.) **(Fre)**

[Post–phlebitic disease and its treatment] Gruffaz J. **Rev Prat** 27(21):1349–52, 1357–8, 1361–2, 11 Apr 77 (28 ref.) (Eng. Abstr.) **(Fre)**

[Caval thrombosis] Mercier C, et al. **Rev Prat** 27(21):1365–9, 11 Apr 77 (Eng. Abstr.) **(Fre)**

[Mechanisms of venous thrombosis. Therapeutic deductions on prophyloxis] Samama M, et al. **Rev Prat** 27(21):1283–8, 11 Apr 77 (17 ref.) (Eng. Abstr.) **(Fre)**

[Changes in several biochemical parameters in typhoid fever] Becq–Giraudon B, et al. **Sem Hop Paris** 53(11–12):697–9, 16–23 Mar 77 **(Fre)**

[Coagulation and acute disseminated lupus erythematosus. Apropos of 25 cases] Godeau P, et al. **Sem Hop Paris** 53(10):609–12, 9 Mar 77 (Eng. Abstr.) **(Fre)**

[Blood platelets and cardiovascular diseases. IV. Platelet–inhibiting drugs and antithrombotic agents] Jobin F. **Union Med Can** 105(8):1159–73, Aug 76 (230 ref.) (Eng. Abstr.) **(Fre)**

[Medical progress. Blood platelets and cardiovascular diseases. I. Platelet biology] Jobin F. **Union Med Can** 105(2):231–5, Feb 76 (34 ref.) **(Fre)**

[Influence of endotoxin–stimulated monocytes on the exogenous coagulation system] Hiller E, et al. **Blut** 34(5):409–12, May 77 **(Ger)**

[Clinical experiences with autologous blood transfusion in vascular surgery] Kraas E, et al. **Chirurg** 47(12):662–9, Dec 76 (Eng. Abstr.) **(Ger)**

[Dynamics of blood coagulation disorders in traumatic–hemorrhagic shock] Sefrin P, et al. **Chirurg** 48(4):227–31, Apr 77 (Eng. Abstr.) **(Ger)**

[Histological changes in the ligated vasa ovarica (author's transl)] Slunsky R. **Geburtshilfe Frauenheilkd** 36(8):677–82, Aug 76 (Eng. Abstr.) **(Ger)**

[Relations between complement and blood coagulation (author's transl)] Müller–Berghaus G. **Klin Wochenschr** 55(14):663–72, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Coagulation physiological studies during hypoxia and hypercapnia in young Göttingen miniature–pigs] Schachinger H, et al. **Monatsschr Kinderheilkd** 125(5):588, May 77 **(Ger)**

[Allergic vasculitis with arthritis due to bactrim allergy (author's transl)] Friess G, et al. **Munch Med Wochenschr** 119(28):959–60, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Septic shock in the uroseptic patient. I. General and specific pathomechanisms of the septic shock (author's transl)] Schilling A, et al. **Urologe [A]** 16(4):238–40, Jul 77 (Eng. Abstr.) **(Ger)**

[Behavior of leukocytes towards blood platelets and during retraction] Lindner E, et al. **Verh Anat Ges** (70 Pt 2):945–53, 1976 (Eng. Abstr.) **(Ger)**

[Disorders of blood coagulatiion during haemoperfusion (author's transl)] Niessner H, et al. **Wien Klin Wochenschr** 89(10):347–50, 13 May 77 (Eng. Abstr.) **(Ger)**

[Experimental studies on the effect of incisions with the electric knife on wound healing] Köhnlein HE, et al. **Z Exp Chir** 10(3):114–9, Jun 77 (Eng. Abstr.) **(Ger)**

[Normal values in the calf. Biochemical, hematologic and coagulation values and determination of fluid compartments] Schiessler A, et al. **Zentralbl Veterinaermed [A]** 24(4):298–310, Apr 77 (Eng. Abstr.) **(Ger)**

[Thromboses and haemorrhages in geriatrics (author's transl)] de Nicola PE. **ZFA [Dresden]** 31(6):553–8, 1976 (Eng. Abstr.) **(Ger)**

[Tooth extraction in Marcumar–treated patients (letter)] Ackermann K. **ZFA (Stuttgart)** 52(25):1293, 10 Sep 76 **(Ger)**

[Hematological findings and blood coagulation tests in anorexia nervosa] Cravetto CA, et al. **Arch Sci Med (Torino)** 134(2):205–9, Apr–Jun 77 (Eng. Abstr.) **(Ita)**

[Role of pulmonary metabolism in blood coagulation in physiology, clinical medicine and therapy] Balsano F, et al. **Clin Ter** 80(6):513–27, 31 Mar 77 **(Ita)**

[Various aspects of blood coagulation in thalassemia major] Esposito L, et al. **Pediatria (Napoli)** 84(3):432–40, 30 SEP 76 (Eng. Abstr.) **(Ita)**

[Data on the behavior of hemopexin in acute leukemia in childhood in relation to the blood coagulation picture] Esposito L, et al. **Pediatria (Napoli)** 85(1):12–20, 31 Mar 1977 (Eng. Abstr.) **(Ita)**

[Use of the Limulus amebocyte lysate test for the verification of contamination with pyrogenic bacteria in hemoderivatives used in the coagulation area] Fumarola D, et al. **Riv Emoter Immunoematol** 23(1–2):30–4, 1976 **(Ita)**

[Clinical and laboratory studies on the development of bleeding tendency in obstructive jaundice (author's transl)] Takeda S. **Fukuoka Acta Med** 68(1):7–19, Jan 77 (Eng. Abstr.) **(Jpn)**

[Correlation of complement system with coagulation, fibrinolysis, and kinin generation] Kondo M. **Jpn J Clin Hematol** 17(1):1–14, Jan 76 (115 ref.) **(Jpn)**

[Coagulation and fibrinolytic system in vivo and clinical medicine] Matsuoka S. **Jpn J Clin Hematol** 17(6):573–9, Jun 76 **(Jpn)**

[Studies on coagulation and fibrinolysis in obstructive jaundice (author's transl)] Takeda S, et al. **Jpn J Clin Hematol** 17(7):750–7, Jul 76 (Eng. Abstr.) **(Jpn)**

[Studies of coagulation and fibrinolysis in kidney diseases in children 1] Nagata K, et al. **Jpn J Nephrol** 17(11):913–28, Nov 75 (Eng. Abstr.) **(Jpn)**

[Blood coagulation in coronary artery disease (author's transl)] Aosaki M, et al. **Respir Circ (Tokyo)** 24(10):855–64, Oct 76 **(Jpn)**

[Meno–metrorrhagia in relation to coagulation and fibrinolysis] Gjønness H. **Tidsskr Nor Laegeforen** 96(26):1356–9, 20 SEP 76 (Eng. Abstr.) **(Nor)**

[Selected indices of blood clotting and fibrinolysis in patients with malignant hypertension] Berent H, et al. **Pol Tyg Lek** 32(18):665–7, 2 May 77 (Eng. Abstr.) **(Pol)**

[Blood clotting and fibrinolytic activity and platelet changes in chronic peripheral arterial insufficiency] Kaniak J, et al. **Pol Tyg Lek** 31(41):1757–60, 11 Oct 76 (Eng. Abstr.) **(Pol)**

[Hemostatic system in diabetes in children and in adults] Prochorow M, et al. **Pol Tyg Lek** 32(8):317–9, 21 Feb 77 (Eng. Abstr.) **(Pol)**

[Theoretical and experimental basis for heparin treatment of glomerulonephritis] Szewczyk Z, et al. **Pol Tyg Lek** 32(29):1129–31, 18 Jul 77 (24 ref.) **(Pol)**

[Prostaglandins in the cardiovascular system] Truskolaski P. **Pol Tyg Lek** 32(21):807–10, 23 May 77 **(Pol)**

[Role of the coagulation and fibrinolytic systems in glomerulonephritis] Ratajczak T, et al. **Postepy Hig Med Dosw** 30(6):861–72, Nov–Dec 76 **(Pol)**

[Mechanism and frequency of hemorrhagic complications in patients with plasma cell myeloma (author's transl)] Lisiewicz J. **Przegl Lek** 34(5):495–8, 1977 (24 ref.) **(Pol)**

[Function of the spleen in blood coagulation] Lisiewicz J. **Wiad Lek** 29(19):1721–4, 10 Oct 76 (Eng. Abstr.) **(Pol)**

[Immunocoagulopathy (lupus anticoagulant) with severe hemorrhagic diathesis in systemic lupus erythematosus] Wysocka K, et al. **Wiad Lek** 30(14):1129–34, 15 Jul 77 (Eng. Abstr.) **(Pol)**

[Changes in the blood coagulating system during surgery and during the postoperative period in gynecologic patients] Karpushin VP, et al. **Akush Ginekol (Mosk)** (9):55–8, Sep 76 (Eng. Abstr.) **(Rus)**

[Changes in the protein composition and coagulation of maternal and fetal blood in rheumatic heart disease] Keilin SL. **Akush Ginekol (Mosk)** (8):23–6, Aug 76 (Eng. Abstr.) **(Rus)**

[Significance of intravascular blood coagulation in the pathogenesis of pregnancy complications] Kiriushchenkov AP, et al. **Akush Ginekol (Mosk)** (3):1–4, Mar 77 (42 ref.) **(Rus)**

[Thromboelestographic evaluation of the state of blood coagulation in late pregnancy toxicosis] Repina MA, et al. **Akush Ginekol (Mosk)** (6):30–3, Jun 76 (Eng. Abstr.) **(Rus)**

[Biological properties of blood hemorrhaged into abdominal cavity used for reinfusion in gynecology] Tikhomirova NI, et al. **Akush Ginekol (Mosk)** (10):64–6, Oct 76 **(Rus)**

[Physiologic hypercoagulation of the pregnant] Tsushko VS. **Akush Ginekol (Mosk)** 5:60–4, May 76 (Eng. Abstr.)**(Rus)**

[Mechanism of changes in blood clotting and fibrinolysis under the influence of a constant electric current] Mishchenko VP, et al. **Biofizika** 22(3):489–92, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Fibrinolytic activity of rat blood following exposure to several atherogenic factors] Andreenko GV, et al. **Biol Nauki** (3):74–8, 1977 **(Rus)**

[Functional status of the anticoagulant system in splenectomized animals at various periods after surgery] Liapina LA, et al. **Biol Nauki** (7):87–90, 1976 **(Rus)**

[Blood coagulation upon contact between blood and polymeric materials possessing electretic protperties]

Chepurov AK, et al. **Biull Eksp Biol Med** 83(2):166–9, Feb 77 (Eng. Abstr.) **(Rus)**

[Age characteristics of acid–base equilibrium and the blood coagulation system in starvation] Sineok LL, et al. **Biull Eksp Biol Med** 82(10):1189–91, Oct 76 (Eng. Abstr.) **(Rus)**

[Study of the blood coagulation system during experimental lung autotransplantation] Iakunin GA, et al. **Eksp Khir Anesteziol** (6):33–7, Nov–Dec 75 (Eng. Abstr.) **(Rus)**

[Effect of diethylene–triaminopentamethylphosphonic acid complex on various hematologic and biochemical indicators in experimental animals] Kuznetsov AV, et al. **Farmakol Toksikol** 39(4):448–51, Jun–Aug 76 (Eng. Abstr.) **(Rus)**

[Effect of heating and cooling the hypothalamus on the blood clotting system] Asmakova TG, et al. **Fiziol Zh SSSR** 63(7):997–1002, Jul 77 (Eng. Abstr.) **(Rus)**

[Effect of acoustic stimulation on lipid metabolism, indices of the blood coagulation system and development of experimental atherosclerosis in rabbits] Deriagina GP, et al. **Fiziol Zh SSSR** 62(8):1171–81, Aug 76 (Eng. Abstr.) **(Rus)**

[Hemostatic properties of tissues of the gastrointestinal tract in thyrotoxicosis and during parenterl nitrogenous feeding] Glants RM, et al. **Fiziol Zh SSSR** 62(9):1361–7, SEP 76 (Eng. Abstr.) **(Rus)**

[Interrelationships between the tissue link of the hemostatic system and the sympatho–adrenal system following transfusion of heterogenous blood] Glants RM, et al. **Fiziol Zh SSSR** 62(6):846–52, 1976 (Eng. Abstr.) **(Rus)**

[Effect of thrombin on chemoreceptors of the frog carotid labyrinth] Iur'eva GIu, et al. **Fiziol Zh SSSR** 62(9):1349–54, Sept 76 (Eng. Abstr.) **(Rus)**

[Hypothalamus and the efferent paths of its influence on the anti–clotting system of the blood] Kalishevskaia TM, et al. **Fiziol Zh SSSR** 62(9):1337–42, SEP 76 (Eng. Abstr.) **(Rus)**

[Influence of the kidneys on blood coagulation and fibrinolysis] Skipetrov VP, et al. **Fiziol Zh SSSR** 63(5):752–5, May 77 **(Rus)**

[Specificity of the effect of thrombin on the chemoreceptors of the frog carotid labyrinth] Solodenko NM, et al. **Fiziol Zh SSSR** 63(3):411–6, Mar 77 (Eng. Abstr.) **(Rus)**

[Blood coagulating and anticoagulating system indices in vibration disease caused by overall vibration] Volova TN, et al. **Gig Tr Prof Zabol** (5):51–4, 1977 **(Rus)**

[Effect of proteolytic and antiproteolytic blood system on hemocoagulation in phthisiosurgical patients] Bogush LK, et al. **Grudn Khir** (1):39–43, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Disseminated intravascular coagulation in myocardial infarct] Asoskov VA. **Kardiologiia** 16(4):59–64, Apr 76 (Eng. Abstr.) **(Rus)**

[Intravascular disorders of microcirculation and microthrombus formation in patients with chronic ischemic disease of the heart] Furkalo NK, et al. **Kardiologiia** 16(12):32–40, Dec 76 (Eng. Abstr.) **(Rus)**

[Comparative analysis of blood coagulation and various indicators of microcirculation in patients with coronary arteriosclerosis and hypertension in the age aspect] Furkalo NK, et al. **Kardiologiia** 16(3):25–33, Mar 76 (Eng. Abstr.) **(Rus)**

[Evaluation of the diurnal rhythm of blood coagulation in ischemic heart disease by means of the method of geometrical interpretation of the observation results] Ganelina IE, et al. **Kardiologiia** 16(4):64–7, Apr 76 **(Rus)**

[Coagulologic characteristics of different stages of chronic circulatory insufficiency in atherosclerotic cardiosclerosis] Gritsiuk AI, et al. **Kardiologiia** 16(12):25–32, Dec 76 (Eng. Abstr.) **(Rus)**

[Genetic heterogeneity of ischemic (coronary) heart disease] Kliueva SK. **Kardiologiia** 17(6):96–102, Jun 77 (Eng. Abstr.) **(Rus)**

[Circulation time of 125I–labeled fibrinogen in patients with ischemic heart disease with different types of hyperlipoproteinemia] Liusov VA, et al. **Kardiologiia** 16(4):49–53, Apr 76 (Eng. Abstr.) **(Rus)**

[Changes of blood coagulation in arteriosclerosis obliterans of the limbs depending on the degree of regional hypoxia and active reaction of the tissues] Reut AA, et al. **Kardiologiia** 17(3):142, Mar 77 **(Rus)**

[Treatment of acute venous thrombosis using continuous infusion of a rheopolyglucin–heparin mixture] Shestakov VA, et al. **Kardiologiia** 16(11):87–92, Nov 76 (Eng. Abstr.) **(Rus)**

[Coagulation of arterial and venous blood in acute myocardial infarct] Ternovoĭ KS, et al. **Kardiologiia** 16(10):119–23, Oct 76 (Eng. Abstr.) **(Rus)**

[Importance of tolerance to physical exercise in the study of the blood coagulation and anticoagulation systems after myocardial infarct] Vataman EB, et al. **Kardiologiia** 17(5):31–6, May 77 (Eng. Abstr.) **(Rus)**

[Correlation between the indicators of blood coagulation and lipid metabolism in patients with stenocardia during the 24–hour period] Zaslavskaia RM, et al. **Kardiologiia** 17(6):111–5, Jun 77 (Eng. Abstr.) **(Rus)**

[Relationship between the changes in the indicators of protein metabolism and the blood coagulation system in ischemic heart disease] Zhivoderov VM, et al. **Kardiologiia** 17(3):141, Mar 77 **(Rus)**

[Mechanism of the formation of coagulated hemothorax after pneumonectomy] Grinblat AI. **Khirurgiia (Mosk)** (5):75–8, May 77 (Eng. Abstr.) **(Rus)**

[Functional changes in the blood coagulation system in patients with obliterating arteriosis of the peripheral blood vessels of the limbs] Shuliak LP, et al. **Klin Khir** (6):54–6, Jun 76 **(Rus)**

[State of blood coagulation system in patients with varicose veins of the lower extremities] Skripnichenko DF, et al. **Klin Khir** (5):50–4, May 77 (Eng. Abstr.) **(Rus)**

[Effect of surgery on blood coagulation properties in patients with toxic goiter] Trach BP. **Klin Khir** (5):54–9, May 77 (Eng. Abstr.) **(Rus)**

[Special features of early phase of blood coagulation in hemorrhagic fever with renal syndrome] Bunin KV, et al. **Klin Med (Mosk)** 55(5):30–4, May 77 (Eng. Abstr.) **(Rus)**

[Effect of hypokinesia on the body of middle–aged and old persons] Korkushko OV. **Klin Med (Mosk)** 55(3):58–64, Mar 77 (Eng. Abstr.) **(Rus)**

[Significance of blood–coagulating substances of the tissues in pneumonia] Man'kova MD, et al. **Klin Med (Mosk)** 55(3):113–9, Mar 77 (Eng. Abstr.) **(Rus)**

[Blood coagulation and resistance of capillaries in patients with rheumatic heart disease] Mirzoian SN. **Klin Med (Mosk)** 54(4):85–90, Apr 76 (Eng. Abstr.) **(Rus)**

[Clinical and pathomorphological traits of influenza in 1974–1975] Miterev IuG, et al. **Klin Med (Mosk)** 55(5):80–6, May 77 (Eng. Abstr.) **(Rus)**

[Coagulation and anticoagulation systems of blood in peritonitis] Mymrikov PI. **Klin Med (Mosk)** 54(10):105–7, Oct 76 **(Rus)**

[State of the blood coagulation and fibrinolysis systems in nephrotic syndrome] Tareev EM, et al. **Klin Med (Mosk)** 54(8):25–33, Aug 76 (Eng. Abstr.) **(Rus)**

[Coagulogram of patients with rheumatic heart defects and thrombosis of the left atrium] Titova MI, et al. **Klin Med (Mosk)** 55(1):49–52, 1977 (Eng. Abstr.) **(Rus)**

[Study of starting mechanism of blood coagulation in alveoco] Tumko GV. **Klin Med (Mosk)** 54(1):117–22, Jan 76 (Eng. Abstr.) **(Rus)**

[Blood coagulation system during a 12–day immersion in water and the prophylactic role of centrifugation] Khudiakova MA, et al. **Kosm Biol Aviakosm Med** 11(3):79–81, May–Jun 77 **(Rus)**

[Indices of fibrinolysis and hemostasis in chronic pyelonephritis] Andreenko GV, et al. **Lab Delo** (3):139–43, 1977 (Eng. Abstr.) **(Rus)**

[Study of the coagulation activity of thrombocytes and erythrocytes of healthy persons with the aid of modified autocoagulogram] Iurlov VM, et al. **Lab Delo** (4):2–1–4, 1976 **(Rus)**

[Method of study of coagulability and fibrinolysis of cadaveric blood] Kotovshchikova MA, et al. **Lab Delo** (8):455–8, 1976 **(Rus)**

[Effect of leukocytes of healthy persons on blood coagulation] Mel'nikov AF, et al. **Lab Delo** (2):78–81, 1977 (Eng. Abstr.) **(Rus)**

[Use in the clinic of the TEM–1 thromboelastometer] Levitina DI, et al. **Nov Med Tekh** (3):56–7, 1976 (Eng. Abstr.) **(Rus)**

[Dynamics of the blood coagulating system and fibrinolysis indices in the late peroids of burn disease] Grigor'ev MG, et al. **Ortop Travmatol Protez** (10):39–43, Oct 76 (Eng. Abstr.) **(Rus)**

[Intravascular blood clotting–component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**

[Pathogenic significance of hemocoagulation process in glomerulonephritis in children] Naumova VI, et al. **Pediatriia** (2):19–22, Feb 77 (Eng. Abstr.) **(Rus)**

[Specific features of kinetics of blood coagulation and indices of paracoagulative tests in rheumatoid arthritis in children] Nesterova VV. **Pediatriia** (4):27–32, Apr 77 (Eng. Abstr.) **(Rus)**

[Pathogenesis of the hemorrhagic syndrome in hemmorrhagic vasculitis in children] Papaian AV, et al. **Pediatriia** (8):62–5, Aug 76 (Eng. Abstr.) **(Rus)**

[Hemocoagulating and fibrinolytic activity of the kidney in children] Sokratov NV, et al. **Pediatriia** (2):64–6, Feb 77 (Eng. Abstr.) **(Rus)**

[Microcirculation and blood coagulation in patients with diabetes mellitus undergoing antidiabetic therapy of different types] Tikhonova EP, et al. **Probl Endokrinol (Mosk)** 23(1):3–7, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Role of the functional incompetence of the thrombocytes in the etiology of Werlhof's disease] Iurlov VM. **Probl Gematol Pereliv Krovi** 22(3):23–6, Mar 77 (Eng. Abstr.) **(Rus)**

[Changes in the blood clotting system of persons suffering chronic alcoholism] Kotsiubinskii NN, et al. **Probl Gematol Pereliv Krovi** 21(11):43–6, Nov 76 (Eng. Abstr.) **(Rus)**

[Effect of intact leukocytes of patients with chronic lympholeukemia on blood coagulation and fibrinolysis] Kuznik BI, et al. **Probl Gematol Pereliv Krovi** 22(1):25–9, Jan 77 (Eng. Abstr.) **(Rus)**

[Blood clotting system in anemic patients inhaling oxygen] Mirrakhimov MM, et al. **Probl Gematol Pereliv Krovi** 21(10):28–30, OCT 76 (Eng. Abstr.) **(Rus)**

[Diagnosis of Stuart-Prower disease] Papaian LP, et al. **Probl Gematol Pereliv Krovi** 22(3):46–9, Mar 77 **(Rus)**

[Dialectic of the processes of fibrinolysis and blood coagulation] Petlenko VP, et al. **Probl Gematol Pereliv Krovi** 22(7):31–6, Jul 77 (14 ref.) (Eng. Abstr.) **(Rus)**

[Compensatory-adaptive reaction of the blood clotting system in patients with burns] Savinovskaia AV. **Probl Gematol Pereliv Krovi** 21(10):30–4, OCT 76 **(Rus)**

[Hereditary thrombocytopathies (literature survey and personal data)] Shabanov NP. **Probl Gematol Pereliv Krovi** 21(7):40–9, Jul 76 (154 ref.) **(Rus)**

[Changes in the circulating blood volume and blood coagulability in acute gastrointestinal hemorrhages after substitution of blood loss] Shul'ga GI, et al. **Probl Gematol Pereliv Krovi** 21(4):15–7, Apr 76 **(Rus)**

[Blood and lymph coagulation in heterotransfusional shock in dogs] Tsybikov NN. **Probl Gematol Pereliv Krovi** 21(12):33–8, Dec 76 (Eng. Abstr.) **(Rus)**

[Coagulation homeostasis and the kinin system in acute intravascular hemolysis] Vygovskaia IaI, et al. **Probl Gematol Pereliv Krovi** 22(1):29–32, Jan 77 (Eng. Abstr.) **(Rus)**

[Coagulation and anticoagulation systems of blood in bronchial asthma] Akhunova AM. **Sov Med** (11):123–8, Nov 76 (Eng. Abstr.) **(Rus)**

[Thrombogenic shifts in thrombocyte hemostasis and blood coagulability in frostbite] Barkagan ZS, et al. **Sov Med** (3):125–8, Mar 76 (Eng. Abstr.) **(Rus)**

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45–51, Apr 76 (107 ref.) **(Rus)**

[Specific features of hemocoagulation in patients with diabetic microangiopathies] Ivanova NA, et al. **Sov Med** (1):121–7, Jan 77 (Eng. Abstr.) **(Rus)**

[Basic problems arising in lesions of major veins resulting from trauma of the limbs and pelvis] Kolesnikova RS. **Sov Med** (3):115–9, Mar 77 **(Rus)**

[State of the blood coagulation and anticoagulation systems in disorders of the spinal circulation] Neretin VIa, et al. **Sov Med** (11):146–7, Nov 76 **(Rus)**

[Study of influence of psycho-emotional stress on changes in coagulating properties of the blood in patients with I–II stage hypertension based on thromboelastographic findings] Sokolov EI, et al. **Sov Med** (1):29–33, Jan 77 (Eng. Abstr.) **(Rus)**

[Evaluation of severity of viral hepatitis using a coagulogram] Sorinson SN, et al. **Sov Med** (5):27–30, May 77 (Eng. Abstr.) **(Rus)**

[Somatotropic level and blood coagulation system in patients with acromegaly] Vasiukova EA, et al. **Sov Med** (6):31–4, Jun 77 (Eng. Abstr.) **(Rus)**

[Clinico-pathogenetic characterization of inactive rheumatism as a special period in phasic evolution of the rheumatic process] Zborovskii AB, et al. **Sov Med** (7):14–9, Jul 76 (Eng. Abstr.) **(Rus)**

[Coagulating and fibrinolytic activity of the saliva and its role in the physiology and pathology of the oral cavity] Kuznik BI, et al. **Stomatologiia (Mosk)** 55(4):90–4, Jul–Aug 76 **(Rus)**

[Blood coagulation and markedness of the prethrombotic state in patients with coronary arteriosclerosis under conditions of functional test with local venous congestion] Gritsiuk AI, et al. **Ter Arkh** 48(4):19–29, 1976 (Eng. Abstr.) **(Rus)**

[Effect of chloxyl on the content of aldolase and transaminases and certain indicators of blood coagulation in opisthorchiasis] Kim NKh. **Ter Arkh** 48(6):130–2, 1976 (Eng. Abstr.) **(Rus)**

[State of blood coagulation and capillary permeability in patients with lung cancer] Kravchenko LF, et al. **Ter Arkh** 40(2):84–7, 1976 (Eng. Abstr.) **(Rus)**

['Paracoagulation' phenomenon and fibrin- fibrinogen degradation products in acute poisoning with acetic acid] Kuznetsova AV. **Ter Arkh** 49(6):139–43, 1977 **(Rus)**

[Characteristics of changes in humoral indicators of mucopolysaccharide metabolism and in blood coagulation of workers of hot shops and practical importance of detection of these changes] Mitsenko MD. **Ter Arkh** 48(6):91–6, 1976 (Eng. Abstr.) **(Rus)**

[State of the blood clotting system and markedness of coronary atherosclerosis in cardiopulmonary insufficiency] Sakharchuk II, et al. **Ter Arkh** 49(3):95–9, 1977 (Eng. Abstr.) **(Rus)**

[Hemocoagulation indices in acute pyelonephritis] Il'enko EP. **Urol Nefrol (Mosk)** (1):14–6, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Effect of chronic renal insufficiency on the blood coagluation system in patients with prostatic adenoma] Tkachuk VN, et al. **Urol Nefrol (Mosk)** (5):43–6, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[The body's anticoagulent system and theoretical aspects of the problem of blood vessel and heart prosthesis] Kudriashov BA. **Usp Fiziol Nauk** 7(4):61–91, Oct–Dec 76 (220 ref.) **(Rus)**

[Interrelationship between the dynamic function of thrombocytes and blood coagulation] Pastorova VE. **Usp Fiziol Nauk** 8(2):132–52, Apr–May 77 **(Rus)**

[Clotting factors and the process of cellular excitation] Rusiaev VF, et al. **Usp Fiziol Nauk** 8(2):94–111, Apr–May 77 **(Rus)**

[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov–Dec 76 (77 ref.) **(Rus)**

[State of the blood clotting system and fibrinolysis in patients with chronic recurrent aphthous stomatitis] Kulikova VS, et al. **Vestn Akad Med Nauk SSSR** (1):32–6, 1977 (Eng. Abstr.) **(Rus)**

[Dynamics of the coagulation and fibrinolytic systems of blood during corticosteroid therapy of eczema and psoriasis] Abudsametova ShR. **Vestn Dermatol Venerol** (1):30–5, Jan 76 **(Rus)**

[Biologically active substances of the blood and the blood coagulation system in eczema] Loseva VA. **Vestn Dermatol Venerol** (12):3–7, Dec 76 (Eng. Abstr.) **(Rus)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

[Diagnostic value of the reaction of morphological dissociation of clotted blood (RMDCB) in nonspecific pneumonias and lung cancer] Golovich GV, et al. **Vestn Khir** 117(8):8–10, Aug 76 (Eng. Abstr.) **(Rus)**

[Evaluation of the blood coagulating system in acute gastroduodenal hemorrhages by thromboelastographic data] Rumiantsev VV, et al. **Vestn Khir** 118(2):129–32, Feb 77 (Eng. Abstr.) **(Rus)**

[Blood coagulation and blood electrolytes in obstructive jaundice] Smirnov AA. **Vestn Khir** 116(6):46–8, Jun 76 (Eng. Abstr.) **(Rus)**

[State of the blood coagulation system an anticoagulants in complex treatment of chorioretinal dystropies] Tartakovskaia AI, et al. **Vestn Oftalmol** (1):74–7, 1977 **(Rus)**

[Effect of mud therapy on the state of blood coagulation and lipid metabolism in rabbits with experimental atherosclerosis] Kents VV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** (2):34–7, Mar–Apr 77 **(Rus)**

[Change in blood coagulation in patients with hypertension exposed to solar radiation during sanatorium-health resort treatment on the Caucasian Black Sea coast] Klykov NV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** (1):39–43, Jan–Feb 77 **(Rus)**

[Clinico-functional and biochemical changes in patients with initial cerebral arteriosclerosis after seawater bathing] Kunitsyna LA. **Vopr Kurortol Fizioter Lech Fiz Kult** (2):61–5, Mar–Apr 76 **(Rus)**

[Change in hemostasis under the effect of galvanic current] Maloletkina LA. **Vopr Kurortol Fizioter Lech Fiz Kult** (5):67–71, Sep–Oct 76 **(Rus)**

[Effect of ultra-high-frequency electric field on the blood coagulation system in animals] Rusiaev VF, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** (4):76–9, Jul–Aug 76 **(Rus)**

[Significance of the time factor in response reactions of the blood coagulation system and the glucocorticoid function of the adrenals in atherosclerosis treated with sodium chloride iodine-bromine baths] Seliverstova GP, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** (4):24–8, Jul–Aug 77 **(Rus)**

[Study of the mechanism of adsorption and activation of enzymes of the contact phase of blood coagulation] Adadullina ZZ, et al. **Vopr Med Khim** 22(3):356–60, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Results and prospects of studying the pathogenesis of cardiovascular diseases] Gerasimova EN. **Vopr Med Khim** 22(2):147–51, Mar–Apr 76 **(Rus)**

[Delay in thrombin clearance as a diagnostic test of prethrombosis in depression of the anticoagulation system caused by atherogenic diet] Kudriashov BA, et al. **Vopr Med Khim** 22(6):736–40, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Blood coagulation system in young children with intestinal] Loverdo RG. **Vopr Okhr Materin Det** 21(3):35–8, 1976 (Eng. Abstr.) **(Rus)**

[Clinical significance of disorders in the blood coagulation system in children with diabetes mellitus (literature survey)] Viadro SS, et al. **Vopr Okhr Materin Det** 21(4):61–5, Apr 76 **(Rus)**

[Complications in middle age patients following gastric resection for cancer] Leporskii VN. **Vopr Onkol** 22(9):14–9, 1976 (Eng. Abstr.) **(Rus)**

[Lipid metabolism disorders in white rats following depression of the anticlotting system by an atherogenic diet] Bazaz'ian GG, et al. **Vopr Pitan** (2):20–5, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Nutrition and state of health of older persons during physiologic aging] Chebotarev DF, et al. **Vopr Pitan** (6):22–31, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Readaptive mechanisms arising during diet therapy] Samsonov MA. **Vopr Pitan** (6):14–21, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Blood coagulation and lipid metabolism in patients with coronary arteriosclerosis] Batrak AA. **Vrach Delo** (6):17–9, Jun 76 (Eng. Abstr.) **(Rus)**

[Indicators of coagulation and the fibrinolytic system in the blood during acute obstructive renal failure] Biliak ST. **Vrach Delo** (3):53–4, Mar 77 **(Rus)**

[Blood coagulation changes in bleeding bronchiectasis] Chernobrovyi NP, et al. **Vrach Delo** (11):98–100, Nov 76 (Eng. Abstr.) **(Rus)**

[State of blood coagulation in patients with collagenosis] Dashtaiants GA, et al. **Vrach Delo** (10):73–5, Oct 76 (Eng. Abstr.) **(Rus)**

[Functional state of the blood coaguiation system in patients with rheumatism and other collagenoses] Dashtaiants GA, et al. **Vrach Delo** (6):32–4, Jun 77 (Eng. Abstr.) **(Rus)**

[Leukocytic factors of hemostasis in patients with rheumatism] Goriachkin IaK. **Vrach Delo** (1):31–6, Jan 77 (Eng. Abstr.) **(Rus)**

[The role of leukocytes in hemostasis in patients with rheumatism] Goriachkin IaKh. **Vrach Delo** (1):31–6, Jan 77 (Eng. Abstr.) **(Rus)**

[Blood coagulation in patients with euthyroid goiter and thyrotoxicosis] Kovalen AP. **Vrach Delo** (6):101–3, Jun 77 (Eng. Abstr.) **(Rus)**

[Blood coagulation in chronic pyelonephritis of a remaining kidney] Liul'ko AV, et al. **Vrach Delo** (1):73–6, Jan 77 (Eng. Abstr.) **(Rus)**

[Blood coagulation in patients with chronic pyelonephritis of the single kidney] Liul'ko AV, et al. **Vrach Delo** (1):73–6, Jan 77 (Eng. Abstr.) **(Rus)**

[Changes in coagulographic indices in patients with myocardial infarction and concomitant diabetes and without diabetes during anticoagulant treatment] Maĭmunkov K, et al. **Vrach Delo** (1):62–5, Jan 77 (Eng. Abstr.) **(Rus)**

[Changes in several indices of hemocoagulation in patients with arteriosclerosis during treatment with Bogomolets' serum] Miagkaia IP, et al. **Vrach Delo** (4):79–82, Apr 76 **(Rus)**

[Changes in coagulographic indices during anticoagulant therapy in myocardial infarct with and without concomitant diabetes] Mimunkov K, et al. **Vrach Delo** (1):62–5, Jan 77 (Eng. Abstr.) **(Rus)**

[Hemocoagulation values in patients with rheumatism estimated during test with local venous stasis] Moroz VN. **Vrach Delo** (4):75–80, Apr 77 (Eng. Abstr.) **(Rus)**

[Blood coagulation and prethrombosis state in hypertensive disease during stage II and III] Shchigel'skii VI. **Vrach Delo** (1):51–3, Jan 77 (Eng. Abstr.) **(Rus)**

[Blood coagulation and prethrombotic states in patients with hypertensive disease of 2d and 3d stages] Shchigel'skii VI. **Vrach Delo** (1):51–3, Jan 77 (Eng. Abstr.) **(Rus)**

[Hemocoagulating and fibrinolytic properties of the gallbladder] Skipetrov VP, et al. **Vrach Delo** (9):97–9, Sep 76 **(Rus)**

[Hemocoagulation properties of the endocrine glands] Skipetrov VP. **Vrach Delo** (12):44–6, Dec 76 **(Rus)**

[Processes of hemostasis and lipid metabolism in chronic 'dust-borne' bronchitis] Vinarik EM, et al. **Vrach Delo** (7):60–2, Jul 77 **(Rus)**

[Disorder of the homeostasis of the blood coagulation system and fibrinolysis in chronic tonsillitis with the tonsillocardiac syndrome] Aslanian NL, et al. **Zh Eksp Klin Med** 16(5):52–8, 1976 **(Rus)**

[Antithrombin activity of blood in experimental extrahepatic cholestasis] Burnazian RA, et al. **Zh Eksp Klin Med** 16(2):22–8, 1976 **(Rus)**

[Clinico-diagnostic features of hemorrhagic strokes in late toxemias of pregnancy] Aliferova VF. **Zh Nevropatol Psikhiatr** 77(4):529–33, 1977 (Eng. Abstr.) **(Rus)**

[Blood coagulation system in patients with epilepsy and chronic tonsilitis] Khodan IV. **Zh Ushn Nos Gorl Bolezn** (2):93–4, Mar–Apr 77 **(Rus)**

[Several factors influencing blood loss during tonsillectomy] Savel'ev NM. **Zh Ushn Nos Gorl Bolezn** (3):30–3, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Thrombocyte function, fibrinolytic activity and blood loss following tonsillectomy in patients with chronic tonsillitis and rheumatism] Timoshenskii VI, et al. **Zh Ushn Nos Gorl Bolezn** (3):26–30, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Changes in blood coagulation mechanism in patients with chronic renal failure kept on chronic or iterative hemodialysis (author's transl)] Grgičević D, et al. **Lijec Vjesn** 99(5):307–10, May 77 (Eng. Abstr.) **(Scr)**

[A case of Weil's disease] Sijačić T. **Vojnosanit Pregl** 34(3):209–10, May–Jun 77 **(Scr)**

[Physiopathology and treatment of hemorrhagic shock] López Areal F. **Rev Esp Anestesiol Reanim** 23(6):477–81, Nov 76 **(Spa)**

[Acceleration of coagulation by activation of the alternating route of complement] Angulo P, et al. **Rev Med Univ Navarra** 18(3–4):149–54, Sep–Dec 74 **(Spa)**

[The effect of blood clotting on several fractions of the complement system (author's transl)] Angulo P, et al. **Sangre (Barc)** 21(3):421–7, 1976 (Eng. Abstr.) **(Spa)**

[Erythrocyte participation in blood coagulation and fibrinolysis processes in healthy persons] Belitskaia GA, et al. **Fiziol Zh** 23(3):323–8, May–Jun 77 (Eng. Abstr.) **(Ukr)**

[Clotting properties of blood under the influence of diadynamic currents] Salienko ZN. **Fiziol Zh** 23(2):255–8, 1977 **(Ukr)**

[Functional state of the blood coagulation and anticoagulation systems in women in missed abortion or labor] Kligerman MM, et al. **Pediatr Akush Ginekol** (4):37–9, Jul–Aug 76 **(Ukr)**

[Blood coagulation system in the lingering subfebrile state in children] Tsariuk NB, et al. **Pediatr Akush Ginekol** (2):14–5, Mar–Apr 77 **(Ukr)**

[Level of microelements and state of the blood clotting system in pregnant women and parturients] Vakhnina DA, et al. **Pediatr Akush Ginekol** (5):33–6, Sep–Oct 76 **(Ukr)**

DRUG EFFECTS

Pulmonary metastasis formation after trauma. Ivarsson L. **Acta Chir Scand [Suppl]** (463):1–46, 1976

Endotoxins and haemostasis. Semeraro N. **Acta Clin Belg** 31(6):377–92, 1976 (99 ref.)

The concomitant use of suloctidil and a long-acting oral anticoagulant. Verhaeghe R, et al. **Acta Clin Belg** 32(1):36–8, 1977

Sensitization of stabilized fibrin to urea dispersion by undiluted plasma and serum. de Cataldo F, et al. **Acta Haematol (Basel)** 58(2):79–83, 1977

Treatment of advanced breast cancer with chemotherapeutics and inhibition of coagulation and fibrinolysis. Astedt B, et al. **Acta Med Scand** 201(5):491–3, 1977

Clozapine treatment of schizophrenic patients. Plasma concentration and coagulation factors. Thorup M, et al. **Acta Psychiatr Scand** 55(2):123–6, Feb 77

Pharmacologically active compounds from microbial origin. Mathews HW, et al. **Adv Appl Microbiol** 21:269–88, 1977 (68 ref.)

Inhibition of platelet aggregation and white thrombus formation by prostaglandin analogue ONO-747. Ojima M, et al. **Adv Prostaglandin Thromboxane Res** 2:781–5, 1976

The effects of 'anti-platelet' drugs on bleeding time and platelet aggregation in normal human subjects. Buchanan GR, et al. **Am J Clin Pathol** 68(3):355–9, Sep 77

Normotest--thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex and in coumarin-treated patients: a nonspecific phenomenon. Girolami A, et al. **Am J Clin Pathol** 67(1):57-60, Jan 77

Variation among commercial activated partial thromboplastin time reagents in response to heparin. Shapiro GA, et al. **Am J Clin Pathol** 67(5):477-80, May 77

Analysis and interpretation of the impedance blood coagulation curve. Ur A. **Am J Clin Pathol** 67(5):470-6, May 77

A chlorpromazine-induced inhibitor of blood coagulation. Canoso RT, et al. **Am J Hematol** 2(2):183-91, 1977

Platelet function and immunologic parameters in von Willebrand's disease following cryoprecipitate and factor VIII concentrate infusion. Chediak JR, et al. **Am J Med** 62(3):369-76, Mar 77

Progestational agents and blood coagulation. VIII. Effect of low-dose, alternate-day, estrogen-progestin combinations on blood coagulation factors in man, with a special note on the effect of freezing of blood samples. Ambrus JL, et al. **Am J Obstet Gynecol** 128(2):161-6, 15 May 77

Coagulation factor XIIa (activated Hageman factor) inhibitor from adult Schistosoma mansoni. Tsang VC, et al. **Am J Trop Med Hyg** 26(2):243-7, Mar 77

Influence of pentobarbital sodium anesthesia on hematologic values in the dog. Gentry PA, et al. **Am J Vet Res** 37(11):1349-52, NOV 76

Studies of blood clotting system during dissociative anaesthesia with ketamine. Gaszynski W, et al. **Anaesth Resusc Intensive Ther** 4(1):47-51, Jan-Mar 76

The effect of bone cement used for stabilization of endoprostheses on blood clotting system activity. Gaszyński W, et al. **Anaesth Resusc Intensive Ther** 4(4):237-44, Oct-Dec 76

Aspirin intolerance--a review. Abrishami MA, et al. **Ann Allergy** 39(1):28-37, Jul 77 (96 ref.)

Prothrombin complex concentrates and coagulation [letter]. Penner JA. **Ann Intern Med** 85(4):531-2, Oct 76

Coagulant fractions of snake venom and the control of capillary bleeding during microsurgery of the ear in vivo demonstration. Delaruelle J, et al. **Arch Otorhinolaryngol (NY)** 217(1):87-92, 30 Jun 77 (Eng. Abstr.)

Coagulation abnormalities in rheumatoid disease. Conn DL, et al. **Arthritis Rheum** 19(6):1237-43, Nov-Dec 76

Effect of hexachlorophene on the coagulation process in beagle dogs. Bhargava AS, et al. **Arzneim Forsch** 26(12):2183-5, 1976

Semimicro-titrimetric method for the determination of activity-concentration of heparin. El Kheir AA, et al. **Arzneim Forsch** 27(3):551-5, 1977

In vitro effects of bencyclan on coagulation, fibrinolysis and platelet function. Ponari O, et al. **Arzneim Forsch** 26(8):1532-8, 1976

The influence of acetysalicylic acid on changes in platelet function due to physical exertion. Rohrer TF, et al. **Arzneim Forsch** 27(7):1490-3, Jul 77

Pharmacological studies of o-chloro-alpha-[(tert.-butylamino)methyl]benzylalcohol hydrochloride (C-78), a new bronchodilator. III. Actions on the nervous systems and miscellaneous organs. Uesaka I, et al. **Arzneim Forsch** 27(7):1439-45, Jul 77

Possible physiological role of new peptide fragments released from bovine high molecular weight kininogen by plasma kallikrein. Oh-ishi S, et al. **Biochem Pharmacol** 26(2):115-20, 15 Jan 77

Coagulation in the crayfish, Astacus leptodactylus: attempts to identify a fibrinogen-like factor in the hemolymph. Durliat M, et al. **Biol Bull** 151(3):467-77, Dec 76

Lindholm blood coagulation test values of some glow-discharge polymer surfaces. Yasuda H, et al. **Biomater Med Devices Artif Organs** 4(3-4):307-21, 1976

Relationship between the anticoagulant and antithrombotic effects of heparin in experimental venous thrombosis. Chiu HM, et al. **Blood** 49(2):171-84, Feb 77

Lack of inhibition of ellagic acid induced hypercoagulable state and lack of thrombosis in the dog after PAMBA administration. Girolami A, et al. **Blut** 34(5):363-70, May 77

Effect of diflunisal on platelet function and blood coagulation. Sibinga CT. **Br J Clin Pharmacol** 4 Suppl 1:37S-38S, Feb 77

Factor VIII and human platelet aggregation. II. Characteristics of aggregation of human platelets by bovine factor VIII. Bottecchia D, et al. **Br J Haematol** 34(2):313-20, Oct 76

Effects of cephalothin and penicillin G on platelet function in vitro. Cazenave J-P, et al. **Br J Haematol** 35(1):135-52, Jan 77

Studies of von Willebrand factor: effects of different kinds of carbohydrate oxidases, SH-inhibitors and some other chemical reagents. Fukui H, et al. **Br J Haematol** 36(2):259-70, Jun 77

Factor-VIII activity and antigen, platelet count and biochemical changes after adrenoceptor stimulation. Ingram GI, et al. **Br J Haematol** 35(1):81-100, Jan 77

An epidemiological study of the haemostatic and other effects of oral contraceptives. Meade TW, et al. **Br J Haematol** 34(3):353-64, Nov 76

The effects of intramuscular norethisterone oenanthate used as a contraceptive on intravenous glucose tolerance and on blood coagulation factors VII and X. Howard G, et al. **Br J Obstet Gynaecol** 84(8):618-21, Aug 77

Studies of the interaction of carbenoxolone sodium and warfarin sodiun in vivo [proceedings] Gottfried S, et al. **Br J Pharmacol** 60(2):280P-281P, Jun 77

Effect of sodium valproate on tardive dyskinesia. Linnoila M, et al. **Br J Psychiatry** 129:114-9, Aug 76

Elective surgery and the pill [editorial]. **Br Med J** 2(6035):546, 4 Sep 76

Conjugated equine oestrogens and blood clotting: a follow-up report. Poller L, et al. **Br Med J** 1(6066):935-6, 9 Apr 77

Blood coagulation and fibrinolysis system in occupational exposure to some chemical factors. Renke W, et al. **Bull Inst Marit Trop Med Gdynia** 27(3-4):289-98, 1976

Occlusion of the central retinal vein: revealing symptom of intraocular pressure-rise. Neetens A, et al. **Bull Soc Belge Ophtalmol** 173:715-24, 1976

Effects of some commercial preparations of polychlorinated biphenyls in growing piglets. Platonow NS, et al. **Can J Comp Med** 40(4):421-8, Oct 76

Coagulation, oestrogen and the menopause. Notelovitz M. **Clin Obstet Gynaecol** 4(1):107-28, Apr 77

Hexoprenaline: a review of its pharmacological properties and therapeutic efficacy with particular reference to asthma. Pinder RM, et al. **Drugs** 14(1):1-28, Jul 77

Biotransformation and pharmacokinetics of acenocoumarol (Sintrom) in man. Dieterle W, et al. **Eur J Clin Pharmacol** 11(5):367-75, 1977

Experimental research on endotoxic shock in urology. Blaja C, et al. **Eur Urol** 1(2):101-2, 1975

Fibrinogen turnover during the administration of high phospholipidic content placental extracts. Casale G, et al. **Farmaco [Prat]** 32(6):312-7, Jun 77

Studies on the mechanism of heparin action by modification of its structure. Danishefsky I. **Fed Proc** 36(1):33-5, Jan 77

The heterogeneity of heparins. Lasker SE. **Fed Proc** 36(1):92-7, Jan 77

Heparins: varying effects on cell proliferation in vitro and lack of correlation with anticoagulant activity. Lippman MM, et al. **Fed Proc** 36(1):55-9, Jan 77

Physicochemical properties of heparin, and its interaction with Cu(II) and calcium in relation to anticoagulation. Stivala SS. **Fed Proc** 36(1):83-8, Jan 77

Relations between fibrinogen degradation products and heparinocytes. Frick G, et al. **Folia Haematol (Leipz)** 103(2):271-6, 1976

Failure of tranexamic acid to influence the ellagic acid-induced hypercoagulable state. Girolami A, et al. **Folia Haematol (Leipz)** 103(2):261-70, 1976

Effect of sulfated polysaccharides on blood-borne pulmonary metastasis in rats. Tsubura E, et al. **Gann** 67(6):849-56, Dec 76

Selecting and preparing patients for total hip replacement. Feinstein PA, et al. **Geriatrics** 32(7):91-6, Jul 77

The effect of colloidal gold on blood coagulation. Sipka S, et al. **Haematologia (Budap)** 10(3-4):361-3, 1976

Dose-dependent influence of acetylsalicyclic acid on platelet functions and plasmatic coagulation factors. Loew D. et al. **Haemostasis** 5(4):239-49, 1976

Sepsis--the Wayne State University Symposium--part III. Bacteremia and endotoxemia: a discussion of their roles in the pathophysiology of gram-negative sepsis. Sibbald WJ. **Heart Lung** 5(5):765-71, Sep-Oct 76

Immunochemical investigations on a monoclonal IgM paraprotein (morbus Waldenström). pp. 167-70. Bauer K, et al.
In: Deutsch E, et al., ed. Molecular base of malignancy. Stuttgart, Thieme, 1976. QZ 202 M718 1976.

Control of heparin therapy by thromboelastography. pp. 211-8. Raby C.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Heparin, heparinoids and blood coagulation. pp. 121-4. Yin ET, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h

1975.

The effect of total parenteral nutrition on the blood coagulation profile. pp. 285–9. Breda R, et al.
In: Manni C, ET AL., ED. Total parental alimentation. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.367 1976.

Possibilities and limits of intravenous fat emulsions. pp. 47–73 Grotte G, et al.
In: Manni C, ET AL., ED. Total parental alimentation. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.367 1976. (84 ref.)

Estrogens and clotting factors. pp. 55–8. Ambrus JL.
In: van Keep PA, et al., ed. Consensus on menopause research. Lancaster, Eng., MTP, 1976. W3 IN667 1976c.

Acute oral toxicity of hexachlorocyclohexane (BHC) in albino rats. Kashyap SK, et al. **Indian J Med Res** 64(5):768–72, May 76

Cardiocirculatory and biochemical effects of dextran 1.8% and ringer's lactate after minor surgical procedures. Suter PM, et al. **Infusionsther Klin Ernaehr** 3(6):327–9, Dec 76

Pulmonary hypertention, blood coagulation and aspirin treatment in high altitude exposed cattle. Hays FL, et al. **Int J Biometeorol** 20(1):56–60, Mar 76

[Hemostatic disorders with secretolytics? A contribution to drug safety] Hörder MH, et al.
Int J Clin Pharmacol Biopharm 14(3):199–213, Oct 76 (Eng. Abstr.)

The activation of intravascular coagulation by bromocarbamide. Neuhof H, et al.
Int J Clin Pharmacol Biopharm 15(4):176–80, Apr 77

On the interaction between the anti-inflammatory substance proquazone (RU 43–715) and phenprocoumone. Vinazzer H. **Int J Clin Pharmacol Biopharm** 15(5):214–6, May 77

Pathogenesis of metastasis formation. Sherwin RP.
Int J Radiat Oncol Biol Phys 1(1–2):101–5, Oct–Nov 75

Effect of aspirin on blood fibrinolysis, coagulation and their correlation to bleeding tendencies. Rishi JP, et al.
J Assoc Physicians India 24(7):429–31, Jul 76

Human thrombins. Production, evaluation, and properties of alpha-thrombin. Fenton JW 2d, et al. **J Biol Chem** 252(11):3587–98, 10 Jun 77

A new antithrombogenic heparinized polymer. Miyama H, et al. **J Biomed Mater Res** 11(2):251–65, Mar 77

Purification of high molecular weight kininogen and the role of this agent in blood coagulation. Saito H.
J Clin Invest 60(3):584–94, Sep 77

An in vitro measurement of bleeding time. Blakely J, et al. **J Lab Clin Med** 89(6):1306–13, Jun 77

The nature of the interaction between ristocetin-Willebrand factor VIII coagulant activity molecule. Brockway WJ, et al. **J Lab Clin Med** 89(6):1295–1305, Jun 77

Action of Trimeresurus erythrusus and Trimeresurus popeorum venom on blood coagulation. Talalak P.
J Med Assoc Thai 60(1):9–18, Jan 77

New neonatal problems of blood coagulation and fibrinolysis. II. Thromboplastic effect of amniotic fluid and its relation to lung maturity. Suzuki S, et al. **J Perinat Med** 4(4):221–6, 1976

Comparative pharmacokinetics of coumarin anticoagulants XXV: Warfarin-ibuprofen interaction in rats. Slattery JT, et al. **J Pharm Sci** 66(7):943–7, Jul 77

Comparative pharmacokinetics of coumarin anticoagulants XXVIII: Predictive identification of rats with relatively steep serum warfarin concentration-anticoagulatnt response characteristics. Yacobi A, et al. **J Pharm Sci** 66(1):145–6, Jan 77

Thrombolysis of acute or subacute nonembolic arterial thrombosis. Reichle FA, et al. **J Surg Res** 22(3):202–8, Mar 77

Monitoring of intraoperative heparinization and blood loss following cardiopulmonary bypass surgery. Babka R, et al.
J Thorac Cardiovasc Surg 73(5):780–2, May 77

Individual responses to heparinization for extracorporeal circulation. Friesen RH, et al. **J Thorac Cardiovasc Surg** 72(6):875–9, Dec 76

The effect of dipyridamole on the thrombocyte count and bleeding tendency in open-heart surgery. Nuutinen LS, et al. **J Thorac Cardiovasc Surg** 74(2):295–8, Aug 77

Interaction of allopurinol with phenprocoumon in man. Jähnchen E, et al. **Klin Wochenschr** 55(15):759–61, 1 Aug 77

Coagulation studies and platelet function after somatostatin infusion. Rasche H, et al. **Klin Wochenschr** 54(20):977–82, 15 Oct 76

D.D.A.V.P. in haemophilia [editorial]. **Lancet** I(8017):889–90, 23 Apr 77

Intrapulmonary heparin. A new procedure for anticoagulant therapy. Jaques LB, et al. **Lancet** 2(7996):1157–61, 27 Nov 76

The mast cell/heparin paradox. Jaques LB, et al. **Lancet** 1(8008):411–3, 19 Feb 77

A heparin analogue with specific action on antithrombin III. Thomas DP, et al. **Lancet** 1(8003):120–2, 15 Jan 77

Microsurgical techniques in free flap reconstruction. Panje WR, et al. **Laryngoscope** 87(5 Pt 1):692–8, May 77

Possible mechanisms in regression. Thomas L.
Natl Cancer Inst Monogr 44:137–9, Nov 76

The effect of conjugated estrogens on coagulability in menopausal women. Stangel JJ, et al. **Obstet Gynecol** 49(3):314–6, Mar 77

Harmful effects of 'aspirin compounds'. Najjar TA.
Oral Surg 44(1):64–70, Jul 77 (231 ref.)

Factor V and VIII activation 'in vivo' during bleeding. Evidence of thrombin formation at the early stage of hemostasis. Jensen AH, et al. **Pathol Biol (Paris)** 24 Suppl:6–10, Dec 76

Antithrombotic effects of sulfinpyrazone in animals: influence on fibrinolysis and sodium arachidonate-induced pulmonary embolism. Rüegg M. **Pharmacology** 14(6):522–36, 1976

Platelets, thrombosis, coagulation, and atherosclerosis [editorial] Mann FD. **Postgrad Med** 62(2):15–6, Aug 77

Coagulation system changes in post-menopausal women receiving oestrogen preparations. Bonnar J, et al.
Postgrad Med J 52 Suppl 6:30–6, 1976

Natural oestrogen replacement therapy and blood clotting. Poller L. **Postgrad Med J** 52 Suppl 6:28–9, 1976

In vitro and in vivo correlation of clotting protease activity: effect of heparin. Gitel SN, et al.
Proc Natl Acad Sci USA 74(7):3028–32, Jul 77

Effect of gemfibrozil upon platelet function and blood coagulation. Preliminary report. Rasi VP, et al.
Proc R Soc Med 69 Suppl 2:109–11, 1976

Effects of penicillin G and cephalothin on platelet function in vivo. Cazenave JP, et al. **Proc Soc Exp Biol Med** 152(4):641–4, Sep 76

Operations on the tonsils and adenoids [letter]. Hohm RA.
QRB 2(10):3, Oct 76

Somatostatin, 1976. Pimstone BL, et al. **S Afr Med J** 50(38):1471–4, 4 Sep 76 (59 ref.)

Impaired. anticoagulant effect of heparin in the artificial kidney. An experimental study. Björnson J, et al.
Scand J Clin Lab Invest 36(6):581–9, Oct 76

Anticoagulation with defibrase during prolonged extracorporeal circulation in the dog. Berglin E, et al.
Scand J Thorac Cardiovasc Surg 10(3):225–30, 1976

Quinton-Scribner arteriovenous shunts for hemodialysis. A review of 6.5 years' experience. Lundberg M, et al.
Scand J Urol Nephrol 11(1):47–51, 1977

Recommendations for the prescription of oral contraceptives. Györváry V, et al. **Ther Hung** 25(1):4–9, 1977

The effect of beta adrenergic blockade upon exercise-induced changes in blood coagulation and fibrinolysis. Britton BJ, et al. **Thromb Haemostas** 35(2):396–402, 30 Apr 76

The clotting of a snake (Crotalus viridis Helleri) plasma and its interaction with various snake venoms. Denson KW.
Thromb Haemostas 35(2):314–23, 30 Apr 76

Effect of the root extract of Fagara zanthoxyloides on blood coagulation. Essien EM, et al. **Thromb Haemostas** 36(3):525–31, 31 Dec 76

Studies on the action mechanism of the antihemostatic effect of lodopeptides. Golub AL, et al. **Thromb Haemostas** 35(2):437–46, 30 Apr 76

Various prothrombin complex concentrates and their effect on coagulation and fibrinolysis in vivo. Hedner U, et al.
Thromb Haemostas 35(2):386–95, 30 Apr 76

Influence of cytotoxic drugs on platelet functions and coagulation in vitro. IV. Melphalan. Klener P, et al.
Thromb Haemostas 37(1):53–61, 28 Feb 77

Chemorheological studies of the effect of heparin on the course of coagulation. Overholser KA, et al.
Thromb Haemostas 35(2):447–59, 30 Apr 76

Heparin and blood coagulation [letter]. Sas G, et al.
Thromb Haemostas 36(1):289–91, 31 Aug 76

Anticoagulant properties of heparin fractionated by affinity chromatography on matrix-bound antithrombin iii and by gel filtration. Andersson LO, et al. **Thromb Res** 9(6):575–83, Dec 76

Influences on the formation and structure of fibrin. Carlin G, et al. **Thromb Res** 9(6):623–36, Dec 76

Effect of suloctidil on bleeding time and in vivo platelet aggregation in rats. de Gaetano G, et al. **Thromb Res** 10(3):525–30, Mar 77

Purification and activation of human factor X: cooperative effect of Ca++ on the activation reaction. Kosow DP.
Thromb Res 9(6):565–73, Dec 76

Intermediate product I. of prothrombin proteolysis as a natural factor of the anticoagulating system stimulation. Kudrjashov BA, et al. **Thromb Res** 10(6):775–82, Jun 77

Aspirin effects on human platelets: a scanning electron

microscope study. Lewis JC, et al. **Thromb Res** 9(6):647–52, Dec 76

Studies on human plasma antithrombin isolated on heparin gel. Medén-Britth G, et al. **Thromb Res** 9(4):369–78, Oct 76

Bleeding time in rats is prolonged by aspirin. Minsker DH, et al. **Thromb Res** 10(4):619–22, Apr 77

Effect of dextran on clotting time: steric exclusion accelerates fibrin monomer polymerisation. Rampling MW, et al. **Thromb Res** 9(4):379–86, Oct 76

Antagonism by suloctidil of arterial thrombus formation in rats (a). Roba J, et al. **Thromb Res** 9(6):585–94, Dec 76

The extract from the tissue of gastric cancer as procoagulant in disseminated intravascular coagulation syndrome. Sakuragawa N, et al. **Thromb Res** 10(3):457–63, Mar 77

Effect of brinase and thrombolysin on the electrochemical, nature of the cardiovascular system of experimental animals (dogs and rabbits). Sawyer PN. **Thromb Res** 10(3):531–6, Mar 77

Effects of sulphinpyrazone and dipyridamole on capillary bleeding time in man. Weston MJ, et al. **Thromb Res** 10(6):833–40, Jun 77

Platelet-thrombin interactions as assessed by affinity chromatography. Workman EF Jr, et al. **Thromb Res** 9(5):491–503, Nov 76

Further comments on the failure of collagen to activate factor XIII [letter] Zacharski LR, et al. **Thromb Res** 10(5):771–2, May 77

Factor X converting and thrombin-like activities of Bothrops jararaca snake venom. Furukawa Y, et al. **Toxicon** 15(2):97–105, 1977

The effect of high molecular dextran on coagulation and metastes. Agostino D. **Tumori** 62(3):245–54, May–Jun 76

[Influence of oral contraceptives on blood clotting (author's transl)] Salahović S, et al. **Lijec Vjesn** 98(4):177–80, Apr 76 (Eng. Abstr.) **(Cro)**

[Control of heparin therapy through the examination of blood coagulation at the hand temperature] Pejchl S, et al. **Vnitr Lek** 22(11):1118–20, Nov 76 (Eng. Abstr.) **(Cze)**

[Effect of dextran on coagulation and hemostasis phenomena] Bergentz SE. **Anesth Analg (Paris)** 3(4):573–6, Jul–Aug 76 **(Fre)**

[Impact, on blood and tissue lipids, of an artificial lipid emulsion combined with essential amino acids and sorbitol, used in humans in exclusive parenteral feeding] Scherperel P, et al. **Ann Anesthesiol Fr** 17(3):29–35, 1976 (Eng. Abstr.) **(Fre)**

[Acquired thrombopathies and antibiotics] Goguel A, et al. **Ann Med Interne (Paris)** 127(8–9):573–8, AUG–SEP 76 **(Fre)**

[Effects of aromatic bisamidines on blood coagulation and fibrinolysis] Hauptmann J, et al. **Acta Biol Med Ger** 35(5):635–44, 1976 (Eng. Abstr.) **(Ger)**

[Effects of premedication, narcosis and surgery on the coagulation and fibrinolysis systems and the platelets. The influence of dextran and hydroxyethyl starch (hes) during and after operation (author's transl)] Popov-Cenić S, et al. **Anaesthesist** 26(2):77–84, Feb 77 (Eng. Abstr.) **(Ger)**

[Arvin anticoagulant for prolonged extracorporeal membrane oxygenation (author's transl)] White JJ, et al. **Anaesthesist** 25(11):526–8, Nov 76 (Eng. Abstr.) **(Ger)**

[Coagulation analytical studies in coli enterotoxemia in swine] Schimmel D, et al. **Arch Exp Veterinaermed** 31(1):15–27, 1977 (Eng. Abstr.) **(Ger)**

[Influence of Pasteurella multocida and Pasteurella-multocida endotoxin on the blood-coagulation-analytic parameter after experimental administration in calves] Schimmel D, et al. **Arch Exp Veterinaermed** 31(2):265–76, 1977 (Eng. Abstr.) **(Ger)**

[Studies on the interactions of chlordiazepoxide, nitrazepam, and diazepam with phenprocoumon (author's transl)] Kinawi A, et al. **Arzneim Forsch** 26(11):2019–23, 1976 **(Ger)**

[The influence of the combination of coumarin and troxerutin on infantile blood parameter in lactation period. Short communication (author's transl)] Krajnovic P. **Arzneim Forsch** 27(7):1499–500, Jul 77 (Eng. Abstr.) **(Ger)**

[Anticoagulant activity of triiodinated x-ray opaque media (author's transl)] Schulze B, et al. **Arzneim Forsch** 27(5):972–5, 1977 (Eng. Abstr.) **(Ger)**

[Influence of endotoxin-stimulated monocytes on the exogenous coagulation system] Hiller E, et al. **Blut** 34(5):409–12, May 77 **(Ger)**

[Oral anticoagulants and platelet function in hypolipemic therapy using a new clofibrate analog (P ' 15.075) (author's transl)] Zimmermann R, et al. **Dtsch Med Wochenschr** 102(14):509–12, 8 Apr 77 (Eng. Abstr.) **(Ger)**

[Behavior of the heparinocytes after gold therapy] Frick G, et al. **Folia Haematol (Leipz)** 103(5):701–6, 1976 (Eng. Abstr.) **(Ger)**

[Biochemical and pharmacological principles of antithrombotic therapy] Markwardt F. **Folia Haematol (Leipz)** 103(3):293–312, 1976 **(Ger)**

[Coagulation-physiological manifestations and clinical side-effects of streptokinase therapy] Vinazzer H. **Folia Haematol (Leipz)** 103(3):468–71, 1976 **(Ger)**

[Studies of the interractions of cyclamate with phenprocomon (author's transl)] Kinawi A, et al. **J Clin Chem Clin Biochem** 15(6):345–8, Jun 77 (Eng. Abstr.) **(Ger)**

[The pathogenesis of oral contraceptive hypertension (author's transl)] Girndt J, et al. **Klin Wochenschr** 55(7):347–8, 1 Apr 77 (Eng. Abstr.) **(Ger)**

[The effect of etiroxate on serum lipids after myocardial infarction or in angina pectoris] Schwartzkopff W, et al. **Med Klin** 71(38):1555–63, 17 Sep 76 (Eng. Abstr.) **(Ger)**

[Studies on coagulation physiology in 54 patients treated with dipropyl acetic acid] Bartels KH, et al. **Med Welt** 27(52–53):2519–21, 24 Dec 76 **(Ger)**

[Effect of acetylsalicylic acid and aprotinin on the platelet function and coagulation of preserved blood] Haas-Denk S, et al. **Med Welt** 28(19):912–4, 13 May 77 **(Ger)**

[The effect of oral contraceptives on levels of thyroid hormone, blood coagulation and ceruloplasmin (author's transl)] Schenk H, et al. **Munch Med Wochenschr** 119(28):941–4, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Mechanism of action of vitamin K and how it is affected by anticoagulants] Schade R, et al. **Pharmazie** 31(9):585–9, 1976 (70 ref.) **(Ger)**

[Effect of alclofenac on the prothrombin level in patients under treatment with anticoagulants] Kaufmann E. **Schweiz Med Wochenschr** 107(25):882–7, 25 Jun 77 (Eng. Abstr.) **(Ger)**

[Comparative clinical and histological studies on extraction wounds with and without local application of a salicylic acid preparation (Apernyl)] Kallenberger A, et al. **SSO** 87(5):381–94, May 77 (Eng. Abstr.) **(Ger)**

[Control of oral anticoagulation. The therapeutic range] Duckert F, et al. **Ther Umsch** 34(5):355, May 77 **(Ger)**

[Mechanism of action of low doses of subcutaneous heparin (author's transl)] Duckert F. **Ther Umsch** 34(5):334–7, May 77 (Eng. Abstr.) **(Ger)**

[Most frequent errors in the laboratory control of oral anticoagulation (author's transl)] Duckert F. **Ther Umsch** 34(5):350–4, May 77 (Eng. Abstr.) **(Ger)**

[Effect of various sclerosing solutions on blood coagulation parameters in vitro and in patients during sclerosing of varicose veins] Brenn H, et al. **Vasa** 5(3):199–202, 1976 (Eng. Abstr.) **(Ger)**

[Defibrination-therapy using a thrombin-like snake venom enzyme (Defibrase) Blood-coagulation physiological studies and clinical experiences] Martin M, et al. **Vasa Suppl** 5:1–39, 1976 **(Ger)**

[Anticoagulation in vascular surgery] Waibel P. **Vasa** 5(2):107–10, 1976 (Eng. Abstr.) **(Ger)**

[The effect of endotoxin on the coagulation activity of leukocytes] Hiller E, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1632–5, 1976 **(Ger)**

[Tolerance tests of alpha-sympathomimetic agent, Gutron] Kiesewetter E, et al. **Wien Med Wochenschr** (Suppl 37):3–8, 3 Dec 76 **(Ger)**

[Effects of calcitonin and somatostatin on the stomach and the pancreas -- possible therapeutic principle?] Goebell H, et al. **Z Gastroenterol [Verh]** (8):173–80, 1976 **(Ger)**

[Hormonal contraception--thromboembolic disorders and surgical risk (author's transl)] Göretzlehner G, et al. **Zentralbl Chir** 101(18):1103–11, 1976 (Eng. Abstr.) **(Ger)**

[Modification of the thrombocyte function using hormonal contraception. 2. Platelet adhesiveness, thromboelastography, conclusions] Brandt M, et al. **Zentralbl Gynaekol** 98(3):166–74, 1976 (Eng. Abstr.) **(Ger)**

[Bleeding time and cardioactive drugs. Effects of dipyridamole and carbochromen] Rubegni M, et al. **Boll Soc Ital Cardiol** 20(8):875–80, 1975 (Eng. Abstr.) **(Ita)**

[Some hemocoagulative effects of antifibrinolytic therapy in the minor hemorrhagic diathesis of hepatic cirrhosis] Turpini R. **Minerva Gastroenterol** 22(2):153–8, Apr–Jun 76 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of lysine acetylsalicylate in obstetrical analgesia] Cuocolo R, et al. **Minerva Ginecol** 28(5):396–406, May 76 (Eng. Abstr.) **(Ita)**

[Effects of clonidine on various blood-coagulation parameters in hypertension] Lazzarin M, et al. **Minerva Med** 68(4):229–34, 21 Feb 77 (Eng. Abstr.) **(Ita)**

[A new standardized method for determination of the bleeding time] Rubegni M, et al. **Quad Sclavo Diagn** 12(1):79–83, Mar 76 (Eng. Abstr.) **(Ita)**

[Some immunobiological effects of bacterial endotoxins] Fumarola D, et al. **Recent Prog Med (Roma)** 62(6):623–48, Jun 77 (Eng. Abstr.) **(Ita)**

[Effects of various crude drugs on blood coagulation] Orikawa T. **Acta Med (Fukuoka)** 46(4):173–88, Oct 76 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies of Shikon and Tooki. (2) Pharmacological effects of the pigment components, Shikonin and acetylshikonin] Hayashi M. **Folia Pharmacol Jpn** 73(2):193–203, Mar 77 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies of 2-(5H-[1]benzopyrano[2,3-b]pyridin-7-yl) propionic acid (Y-8004) (II). General pharmacological action] Maruyama Y, et al. **Folia Pharmacol Jpn** 72(4):403–16, May 76 (Eng. Abstr.) **(Jpn)**

[Changes in the blood coagulation system during therapeutic defibrination by defibrase (author's transl)] Hirasawa Y, et al. **Jpn J Clin Pathol** 24(10):827–32, 1976 **(Jpn)**

[Acetylsalicylic acid and prostaglandins. Can inhibition of synthesis of prostaglandins explain the effect of aspirin-like drugs] Vaage J. **Tidsskr Nor Laegeforen** 92(33):1727–9, 30 Nov 76 (Eng. Abstr.) **(Nor)**

[Aseptic necrosis of the femur head in systemic lupus erythematosus] Jaszczyk JR. **Chir Narzadow Ruchu Ortop Pol** 42(2):235–8, 1977 (Eng. Abstr.) **(Pol)**

[Effect of phosphorites and apatites on the human body in occupational exposure] Chmielewski J, et al. **Pol Tyg Lek** 31(50):2155–6, 13 Dec 76 **(Pol)**

[Blood clotting in myocardial ischemia treated with neuroleptoanalgesia II] Kaniak J, et al. **Pol Tyg Lek** 31(32):1377–9, 9 Aug 76 (Eng. Abstr.) **(Pol)**

[Interactions between chemotherapeutics and other drugs] Witkowska M, et al. **Postepy Hig Med Dosw** 30(6):845–59, Nov–Dec 76 (Eng. Abstr.) **(Pol)**

[Staphylocoagulase and staphylothrombin] Zajdel M, et al. **Postepy Hig Med Dosw** 31(1):17–31, Jan – Feb 77 (77 ref.) (Eng. Abstr.) **(Pol)**

[Effect of immunosuppressive y treatment on blood clotting and fibrinolysis] Bogdanikowa B, et al. **Wiad Lek** 30(14):1087–90, 15 Jul 77 (Eng. Abstr.) **(Pol)**

[Effect of dehydration by low doses of furosemide on various parameters of hemostasis] Tymiński W. **Wiad Lek** 30(12):917–9, 15 Jun 77 (Eng. Abstr.) **(Pol)**

[Current pharmacological aspects of antithrombotic drugs] Stroescu V. **Rev Med Intern [Med Intern]** 28(5):325–7, Sep–Oct 76 **(Rum)**

[Significance of intravascular blood coagulation in the pathogenesis of pregnancy complications] Kiriushchenkov AP, et al. **Akush Ginekol (Mosk)** (3):1–4, Mar 77 (42 ref.) **(Rus)**

[State of blood coagulation under general fluothane anesthesia and neuroleptoanalgesia] Ivanov GK. **Anesteziol Reanimatol** (3):32–4, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Prothrombin activation by immobilized thrombin] Strukova SM. **Biokhimiia** 41(4):643–9, Apr 76 (Eng. Abstr.) **(Rus)**

[Thrombolytic activity of terrilytin and its effect on the coagulating system of the blood] Andreev SV, et al. **Biull Eksp Biol Med** 82(8):936–7, Aug 76 (Eng. Abstr.) **(Rus)**

[Effect of different doses of strychnine on blood coagulation and lymph] Kuznik BI, et al. **Farmakol Toksikol** 39(5):612–5, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Effect of drugs on the erythrocytic component of hemostasis (literature survey)] Lakin KM, et al. **Farmakol Toksikol** 39(3):358–67, May–Jun 76 (191 ref.) **(Rus)**

[Stimulation of the reflex response of the anticoagulant system by intermediate product-1 of prothrombin proteolysis] Kudriashov BA, et al. **Fiziol Zh SSSR** 63(4):532–8, Apr 77 (Eng. Abstr.) **(Rus)**

[The anticoagulant system following intravenous administration of factor XIII and thromboplastin] Liapina LA, et al. **Fiziol Zh SSSR** 62(8):1166–70, Aug 76 (Eng. Abstr.) **(Rus)**

[Role of cholino- and adrenoreceptors in regulating blood coagulation and fibrinolysis following thrombin injections] Mishchenko VP, et al. **Fiziol Zh SSSR** 62(11):1614–21, Nov 76 **(Rus)**

[Changes of the thrombagglutination test in coronary disease after treatment with heparin] Atanasov K, et al. **Kardiologiia** 17(5):142–3, May 77 **(Rus)**

[Effect of miscleron on various indicators of blood coagulation in ischemic heart disease] Deriagina GP. **Kardiologiia** 17(3):141–2, Mar 77 **(Rus)**

[Thrombocyte aggregation in depression and activation of the anticoagulation system of blood in animals] Pastorova VE. **Kardiologiia** 16(2):123–7, Feb 76 (Eng. Abstr.) **(Rus)**

[Prevention of postoperative thromboembolic complications (a review of the literature)] Pavlovskii DP, et al. **Khirurgiia (Mosk)** (5):124–30, May 77 (126 ref.) **(Rus)**

[Change in blood coagulation in Itsenko–Cushing's disease under the influence of chloditan treatment] Vasiukova EA, et al. **Klin Med (Mosk)** 54(8):108–10, Aug 76 (Eng. Abstr.) **(Rus)**

[Comparative study of the activity of cerebral thromboplastins of various vertebrates] Glazunova GA. **Lab Delo** (5):309–10, 1977 **(Rus)**

[Coagulation activity of the oxalate and citrate plasma] Mel'nikov AF. **Lab Delo** (4):246–7, 1976 **(Rus)**

[Analysis of the use of different anticoagulants in separating the peripheral blood cells into individual fractions] Gorlina NK, et al. **Probl Gematol Pereliv Krovi** 22(7):53–5, Jul 77 **(Rus)**

[Effect of heparin on the course of blood transfusion complications caused by the transfusion of incompatible blood] Monastyrskii VA, et al. **Probl Gematol Pereliv Krovi** 22(7):42–8, Jul 77 (Eng. Abstr.) **(Rus)**

[Mechanism of the action of rheopolyglucin] Shestakov VA, et al. **Probl Gematol Pereliv Krovi** 21(9):21–5, 1976 (Eng. Abstr.) **(Rus)**

[Effect of some hormones and drug preparations on hemocoagulation in endocrine diseases] Pisarskaia IV. **Ter Arkh** 49(5):47–50, 1977 (Eng. Abstr.) **(Rus)**

[Importance of the kidneys in regulating blood coagulation and fibrinolysis] Sokratov NV, et al. **Urol Nefrol (Mosk)** (4):80–5, Jul–Aug 77 **(Rus)**

[Blood coagulating and fibrinolytic properties of human eye tissues] Romashchenko AD, et al. **Vestn Oftalmol** (2):35–7, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Effect of ultra-high-frequency electric field on the blood coagulation system in animals] Rusiaev VF, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** (4):76–9, Jul–Aug 76 **(Rus)**

[Effect of actomyosin on blood coagulation and fibrinolysis] Andreenko GV, et al. **Vopr Med Khim** 22(2):166–71, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Effect of antithrombin III on anticoagulating system function in animals intravenously injected with tissue thromboplastin] Pastorova VE, et al. **Vopr Med Khim** 22(2):240–5, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Factor XIII as a stimulator of thrombin activity] Umarova BA, et al. **Vopr Med Khim** 22(4):562–6, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Blood coagulating properties of immobilized proteases] Zubairov DM, et al. **Vopr Med Khim** 22(2):187–91, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Effect of nerobol on indices of the coagulogram in patients with rheumatism and circulatory insufficiency of the 2B–3 stage] Furtel' VA. **Vrach Delo** (6):38–9, Jun 77 (Eng. Abstr.) **(Rus)**

[State of blood coagulation system during use of nerobol in patients with rheumatism] Grigor'ian VA, et al. **Vrach Delo** (4):74–5, Apr 76 (Eng. Abstr.) **(Rus)**

[Effect of brufen on blood coagulation indices of patients with flucturating rhemocarditis] Meleshchenko AA, et al. **Vrach Delo** (6):40–2, Jun 77 **(Rus)**

[Blood coagulation system indices depending on the type of anesthesia in orthopedic injury operations] Altunian NM, et al. **Zh Eksp Klin Med** 16(5):85–90, 1976 **(Rus)**

[Study of oxyfluoride narcosis effect on blood coagulation and anticoagulation systems during tonsillectomy] Minin AN, et al. **Zh Ushn Nos Gorl Bolezn** (6):25–38, 1976 (Eng. Abstr.) **(Rus)**

[Experimental thrombosis and Dextran 70] Viladés Juan E, et al. **Angiologia** 29(5):214–20, Sep–Oct 77 (Eng. Abstr.) **(Spa)**

[Effects on blood viscosity, thromboelastogram and platelet aggregation of the administration of plasm expanders previous bloodletting in chronic bronchtic patients with secondary polyglobularemia] De La Vega Vázquez JM, et al. **Rev Clin Esp** 145(6):427–31, 30 Jun 77 (Eng. Abstr.) **(Spa)**

[Acceleration of coagulation by activation of the alternating route of complement] Angulo P, et al. **Rev Med Univ Navarra** 18(3–4):149–54, Sep–Dec 74 **(Spa)**

[A functional assay of fibrinoformation in the newborn (author's transl)] Merino J, et al. **Sangre (Barc)** 22(4):439–52, 1977 (Eng. Abstr.) **(Spa)**

['Heparin rebound' and fibrinolytic activity in extracorporeal circulation (author's transl)] Sanz MA, et al. **Sangre (Barc)** 22(3):346–50, 1977 (Eng. Abstr.) **(Spa)**

[Methylhydroxypropylcellulose as a base for hemostatic preparations] Pavlovskii DP, et al. **Farm Zh** (6):45–8, Nov–Dec 76 (Eng. Abstr.) **(Ukr)**

[Role of the erythrocytes in the regulation of blood

coagulation and fibrinolysis in dogs administered adrenaline] Goncharenko LL, et al. **Fiziol Zh** 22(2):258–62, Mar–Apr 76 **(Ukr)**

[Use of hemostatic preparations in obstetrical hemorrhages] Pavlovskiĭ DP, et al. **Pediatr Akush Ginekol** (1):33–7, Jan–Feb 76 **(Ukr)**

[Quantitative determination of protector activity of fibrinogen tryptic hydrolysates] Musialkivs'ka AO, et al. **Ukr Biokhim Zh** 49(4):118–23, Jul–Aug 77 (Eng. Abstr.) **(Ukr)**

RADIATION EFFECTS

[Clinical course of a radiation lesion under high-mountain conditions] Grigor'ev IuG, et al. **Kosm Biol Aviakosm Med** 10(6):51–4, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

BLOOD COAGULATION DISORDERS

Diagnosis and treatment of fat embolism. Moylan JA, et al. **Annu Rev Med** 28:85–90, 1977 (24 ref.)

Blood bank's link to OR. Pratt ML. **AORN J** 25(6):1058–68, May 77

Fitzgerald factor (high molecular weight kininogen) clotting activity in human plasma in health and disease in various animal plasmas. Saito H, et al. **Blood** 48(6):941–7, Dec 76

Malignant disease. Crowther D, et al. **Clin Haematol** 1(3):447–73, Oct 72 (116 ref.)

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Antihemophilic factor concentrate therapy in von Willebrand disease. Dissociation of bleeding-time factor and ristocetin-cofactor activities. Blatt PM, et al. **JAMA** 236(24):2770–2, 13 Dec 76

Local hemostatic agents. Evans BE. **NY J Dent** 47(4):109–14, Apr 77

Ascites reinfusion using Rhodiascit apparatus--clinical experience and coagulation abnormalities. Wilkinson SP, et al. **Postgrad Med J** 51(598):583–7, Aug 75

General classification system for hemorrhagic and thrombotic disorders. Lechner K, et al. **Thromb Haemostas** 36(1):251–62, 31 Aug 76

Haemostasis disorders in open heart surgery with extracorporeal circulation. Importance of the platelet function and the heparin neutralization. Moriau M, et al. **Vox Sang** 32(1):41–51, 1977

[Blood coagulation in newborns (author's transl)] Verron G, et al. **Zentralbl Chir** 101(26):1601–6, 1976 (Eng. Abstr.) **(Ger)**

[Blood lipid and coagulation aspects of patients surviving myocardial infarct for more than 13 years] Longhini C, et al. **Boll Soc Ital Cardiol** 20(12):1659–64, 1975 **(Ita)**

[Behavior of coagulation factors in premature and full-term newborn infants] Ferrero AM, et al. **Minerva Pediatr** 29(17):1161–4, 12 May 77 **(Ita)**

[Studies of plasma hemostatic disorders in patients with bronchial carcinoma and inflammatory pulmonary changes] Brajerski W. **Nowotwory** 26(3):205–15, Jul–Sep 76 (Eng. Abstr.) **(Pol)**

[Specific features of blood coagulation system and fibrinolysis in patients with glomerulonephritis against the background of heparin treatment] Panchenko VM, et al. **Klin Med (Mosk)** 55(5):116–22, May 77 **(Rus)**

[Disorders of hemostasis in acute leukemias] Rezaković D, et al. **Med Arh** 30(5):273–7, Sep–Oct 76 (Eng. Abstr.) **(Scr)**

BLOOD

Platelet aggregation and adhesiveness in classical factor X deficiency and in the abnormal factor X (factor X Friuli) coagulation disorder. Girolami A, et al. **Acta Haematol (Basel)** 56(5):307–13, 1976

Fibrinogen Seattle: a qualitatively abnormal fibrinogen in a patient with tetralogy of Fallot. Branson HE, et al. **Am J Clin Pathol** 67(3):236–40, Mar 77

Normotest--thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex and in coumarin-treated patients: a nonspecific phenomenon. Girolami A, et al. **Am J Clin Pathol** 67(1):57–60, Jan 77

Thromboembolism in Hageman trait. McPherson RA. **Am J Clin Pathol** 68(3):420–3, Sep 77

Feline factor XII (Hageman) deficiency. Green RA, et al. **Am J Vet Res** 38(6):893–5, Jun 77

A platelet abnormality in the Chediak-Higashi syndrome of man. Costa JL, et al. **Blood** 48(4):517–20, Oct 76

Fitzgerald factor (high molecular weight kininogen) clotting activity in human plasma in health and disease in various animal plasmas. Saito H, et al. **Blood** 48(6):941–7, Dec 76

Quantification of wear, hemolysis and coagulation deficits in patients with Beall mitral valves. Clark RE, et al. **Circulation** 56(3 Pt 2 Suppl):II139–43, Sep 77

Coagulation defect in experimental trypanosomial infection. Essien EM, et al. **Haemostasis** 5(6):341–7, 1976

Binding of 14C-ADP by thrombasthenic platelet membranes. Legrand C, et al. **Haemostasis** 5(4):231–8, 1976

Prekallikrein deficiency in a kindred with kininogen deficiency and Fitzgerald trait clotting defect. Evidence that high molecular weight kininogen and prekallikrein exist as a complex in normal human plasma. Donaldson VH, et al. **J Clin Invest** 60(3):571–83, Sep 77

Potentiation of the function of Hageman factor fragments by high molecular weight kininogen. Liu CY, et al. **J Clin Invest** 60(1):7–17, Jul 77

Activation and function of human Hageman factor. The role of high molecular weight kininogen and prekallikrein. Meier HL, et al. **J Clin Invest** 60(1):18–31, Jul 77

A coagulopathy of the owl monkey (Aotus trivirgatus) associated with high antithrombin III activity. Loeb WF, et al. **Lab Anim Sci** 26(6 Pt 2):1084–7, Dec 76

Von Willebrand disease San Diego [letter]. Hougie C. **Lancet** 1(8002):93–4, 8 Jan 77

Measuring partial thromboplastin-time. An international collaborative study. Poller L, et al. **Lancet** 2(7990):842–6, 16 Oct 76

Possible congenital defect in platelet thromboxane synthetase [letter]. Weiss HJ, et al. **Lancet** 1(8014):760–1, 2 Apr 77

Hematologic abnormalities in pregnancy. Bell WR. **Med Clin North Am** 61(1):165–99, Jan 77

New polymorphism of platelet membrane glycoproteins. Bolin RB, et al. **Nature** 269(5623):69–70, 1 Sep 77

Human platelet fibrinogen: a protein different from plasma fibrinogen. Soria J, et al. **Pathol Biol (Paris)** 24 Suppl:15–7, Dec 76

Coagulation studies in C4-deficient guinea pigs. Dodds WJ, et al. **Proc Soc Exp Biol Med** 154(3):382–5, Mar 77

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

Platelet interaction with collagen fibrils in flowing blood. II. Impaired adhesion-aggregation in bleeding disorders. A comparison with subendothelium. Baumgartner HR, et al. **Thromb Haemostas** 37(1):17–28, 28 Feb 77

The effect of the fibrinogen concentration and the leukocyte count on intravascular fibrin deposition from soluble fibrin monomer complexes. Gurewich V, et al. **Thromb Haemostas** 36(3):605–14, 31 Dec 76

Studies on chemically modified fibrinogen. Kloczewiak M, et al. **Thromb Haemostas** 35(2):324–33, 30 Apr 76

Thrombin elaboration in endotoxin-induced intravascular fibrin deposition. A leukocyte dependent process distinct from systemic hypercoagulability. Lipinski B, et al. **Thromb Haemostas** 36(3):615–22, 31 Dec 76

Bleeding disorder with abnormal wound healing, acid-soluble clots and normal factor XIII. Ragaz S, et al. **Thromb Haemostas** 36(3):537–41, 31 Dec 76

Studies on the degradation of fibrinogen Giessen I. Bleyl H, et al. **Thromb Res** 9(4):329–34, Oct 76

Production of plasminogen actovatpr activity in factor XII-deficient plasma. Kluft C, et al. **Thromb Res** 10(5):759–64, May 77

Incorporation of 125 I-fibrinogen in circulating soluble fibrin monomer complexes during hypercoagulability. von Hugo R, et al. **Thromb Res** 10(5):703–10, May 77

The serial thromboplastin dilution test: a presumptive test for hypercoagulability. Wolf P, et al. **Thromb Res** 9(2):209–14, Aug 76

The diagnosis of hemostatic disorders. Kociba GJ. **Vet Clin North Am** 6(4):609–23, Nov 76

[On the problem of antiheparin activity in disorders of haemastasis (author's transl)] Cieslar P, et al. **Sb Lek** 78(10):277–85, Oct 76 (Eng. Abstr.) **(Cze)**

[Abnormalities in primary hemostasis during diabetic microangiopathy] Bensoussan D, et al. **Acad Rev** 5(36):2383–6, 30 Oct 76 **(Fre)**

[Role of antithrombin III activity in hypercoagulability (letter)] von Kaulla E, et al. **Dtsch Med Wochenschr** 102(13):496, 1 Apr 77 **(Ger)**

[Fibrin degradation products (FDP) and fibrinolytic activity of blood in various acute and chronic diseases] Kotschy M. **Folia Haematol (Leipz)** 103(3):425–30, 1976 **(Ger)**

[Screening and rapid tests in diagnosis of hemostasis disorders] Matthias FR. **Internist (Berlin)** 17(9):430–5, Sep 76 **(Ger)**

[Dysfibrinogenemia. A new case: dysfibrinogenemia Giessen III (author's transl)] Matthias FR, et al. **Klin Wochenschr** 55(11):539–43, 1 Jun 77 (Eng. Abstr.) **(Ger)**

[The effect of Aspisol on platelet function after vascular surgery (author's transl)] Schricker KT, et al. **Munch Med Wochenschr** 119(28):961–4, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Congenital dysfibrinogenemia: fibrinogen Giessen II] Krause WH, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1646–9, 1976 **(Ger)**

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

[Prostaglandins in the cardiovascular system] Truskolaski P. **Pol Tyg Lek** 32(21):807–10, 23 May 77 **(Pol)**

[Mechanism and frequency of hemorrhagic complications in patients with plasma cell myeloma (author's transl)] Lisiewicz J. **Przegl Lek** 34(5):495–8, 1977 (24 ref.) **(Pol)**

[Effect of unsaturated fatty acids, vitamin A and heparin on the initial stages of thrombin–131I clearance and the functional state of the anticoagulant system of animals following its depression by an atherogenic diet] Bazaz'ian GG, et al. **Biol Nauki** (4):69–74, 1977 **(Rus)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

[Another defect of the intrinsic activator of prothrombin localized in the contact phase of activation: factor DMD (Dynia–Majan–Drdlička)] Hrubišková K. **Vnitr Lek** 23(4):316–28, Apr 77 **(Slo)**

[Disorders of blood coagulation, platelet adhesiviness and platelet count in the intermediate coronary syndrome] Ruggiero HA, et al. **Arch Inst Cardiol Mex** 47(1):37–51, Jan–Feb 77 (Eng. Abstr.) **(Spa)**

[Value of fetal hemoglobin in the diagnosis of neoplastic diseases] Aguirre Gas H, et al. **Prensa Med Mex** 41(7–8):204–9, Jul–Aug 76 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Problems encountered in long-term treatment with anticoagulants. Husted S, et al. **Acta Med Scand** 200(5):379–84, 1976

Coagulopathy with midtrimester induced abortion: association with hyperosmolar urea administration. Burkman RT, et al. **Am J Obstet Gynecol** 127(5):533–6, 1 Mar 77

Dextran 40–induced coagulopathy confused with von Willebrand disease. Brodman RF, et al. **Arch Surg** 112(3):321–2, Mar 77

Coagulation, oestrogen and the menopause. Notelovitz M. **Clin Obstet Gynaecol** 4(1):107–28, Apr 77

Lanthanum Trichloride induced blood coagulation defect and liver injury. Nagy I, et al. **Haematologia (Budap)** 10(3–4):353–9, 1976

Heparin–induced coagulopathy. Bell WR, et al. **J Lab Clin Med** 89(4):741–50, Apr 77

Coagulation abnormalities in women taking oral contraceptives. Carvalho AC, et al. **JAMA** 237(9):875–8, 28 Feb 77

The effect of conjugated estrogens on coagulability in menopausal women. Stangel JJ, et al. **Obstet Gynecol** 49(3):314–6, Mar 77

Poisoning by bites of the saw-scaled or carpet viper (Echis carinatus) in Nigeria. Warrell DA, et al. **Q J Med** 46(181):33–62, Jan 77

Thrombin elaboration in endotoxin–induced intravascular fibrin deposition. A leukocyte dependent process distinct from systemic hypercoagulability. Lipinski B, et al. **Thromb Haemostas** 36(3):615–22, 31 Dec 76

[Clinical aspects of acetic acid poisoning] de Vries RR, et al. **Ned Tijdschr Geneeskd** 121(21):862–6, 21 May 77 (Eng. Abstr.) **(Dut)**

[Evaluation in children of the clinical, biological and electroencephalographic side effects of L–asparaginase] Olive D, et al. **Pediatrie** 31(3):259–78, Apr 76 (Eng. Abstr.) **(Fre)**

[Patho–mechanisms in the adverse reactions during administration of plasma expanders] Raab W. **Klin Anaesthesiol Intensivther** 9:36–47, 1975 **(Ger)**

[Monitoring of side effects in patients treated with corticosteroids of cytotoxic drugs (author's transl)] Neidhardt MK. **Monatsschr Kinderheilkd** 125(2):53–60, Feb 77 (41 ref.) (Eng. Abstr.) **(Ger)**

[The effect of contrast media on the blood viscosity after catheter angiography] Störmer K, et al. **Vasa** 5(3):239–44, 1976 (Eng. Abstr.) **(Ger)**

[Effect of drug therapy during pregnancy on the clotting potential of the newborn] Domula M, et al. **Zentralbl Gynaekol** 99(8):473–81, 1977 (Eng. Abstr.) **(Ger)**

[The problem of rifampicin therapy in pregnancy] Frahm R. **Zentralbl Gynaekol** 98(25):1585–8, 1976 (Eng. Abstr.) **(Ger)**

[Nephrotic syndrome associated with primary hypoplasia of the thymus gland. A case study with special reference to cerebral thrombosis caused by blood hypercoagulation during steroid therapy] Sakiyama T, et al. **Jpn J Nephrol** 17(9):837–47, Sep 75 (Eng. Abstr.) **(Jpn)**

[Necrosis of a finger after radial artery cannulation] Larsen JP. **Tidsskr Nor Laegeforen** 97(13):640–1, 10 May 77 (Eng. Abstr.) **(Nor)**

[Main variants of complications of chemotherapy of parasitic diseases] Ozeretskovskaia NN. **Ter Arkh** 48(9):113–8, 1976 **(Rus)**

[Morphologic changes in the cells of sarcoma 45 and the capsule surrounding the tumor in rats under the influence of thrombolytin in a complex with aminazine] Kolomina SM, et al. **Tsitologiia** 19(5):501–7, May 77 (Eng. Abstr.) **(Rus)**

[Changes in thromboelastogram in women on hormonal contraception] Borko E, et al. **Jugosl Ginekol Opstet** 16(5–6):337–41, 1976 (Eng. Abstr.) **(Scr)**

[The effect of long–term use of oral contraception on blood coagulation (author's transl)] Tiška–Rudman L, et al. **Lijec Vjesn** 99(6):337–44, Jun 77 (Eng. Abstr.) **(Scr)**

CLASSIFICATION

The clot: the hypercoagulable state. Wallner SF. **Rocky Mt Med J** 74(3):130–5, May–Jun 77

COMPLICATIONS

Brain infarction in young adults (with particular reference to pathogenesis). Hindfelt B, et al. **Acta Neurol Scand** 55(2):145–57, Feb 77

Prevention and treatment of thrombosis. Wessler S. **Adv Intern Med** 22:187–205, 1977 (66 ref.)

Clinical problems in stroke. Thompson RA. **Adv Neurol** 16:1–4, 1977

Status of the coronary arteries in the nephrotic syndrome. Analysis of 20 necropsy patients aged 15 to 35 years to determine if coronary atherosclerosis is accelerated. Curry RC Jr, et al. **Am J Med** 63(2):183–92, Aug 77

Hageman factor deficiency in ataxia telangiectasia. Kumar GK, et al. **Am J Med Sci** 272(3):353–5, Nov–Dec 76

Management of anticoagulation in outpatients: experience with an anticoagulation service in a municipal hospital setting. Davis FB, et al. **Arch Intern Med** 137(2):197–202, Feb 77

A platelet abnormality in the Chediak–Higashi syndrome of man. Costa JL, et al. **Blood** 48(4):517–20, Oct 76

Acquired storage pool disease in platelets during disseminated intravascular coagulation. Pareti FI, et al. **Blood** 48(4):511–5, Oct 76

Coagulation and fibrinolysis in intact hydatidiform molar pregnancy. Tsakok FH, et al. **Br Med J** 2(6050):1481–4, 18 Dec 76

Pulmonary hemorrhage in fiberoptic transbronchial biopsy. Zavala DC. **Chest** 70(5):584–8, Nov 76

Abnormalities of haemostasis associated with congenital heart disease. Gupta B, et al. **Indian Heart J** 29(1):27–34, Jan–Feb 77

Respiratory failure in acute pancreatitis. Talvik R, et al. **Intensive Care Med** 3(2):97–8, Aug 77

Haemostasis in hepatic disorders. Singh DS, et al. **J Assoc Physicians India** 24(1):13–8, Jan 76

Dysfibrinogenemia associated with liver disease. Palascak JE, et al. **J Clin Invest** 60(1):89–95, Jul 77

Combined von Willebrand disease and Hageman factor deficiency. Buchanan GR, et al. **J Pediatr** 90(5):779–81, May 77

Filling defects in the renal pelvis and ureter owing to bleeding secondary to acquired circulating anticoagulants. Eisenberg RL, et al. **J Urol** 116(5):662–3, Nov 76

Physician strategies for the prevention of coronary heart disease. Margolis S. **Johns Hopkins Med J** 141(3):170–6, Sep 77 (47 ref.)

Treatment of hepatic coma with hemoperfusion through polyacrylamide hydrogel–coated charcoal. Gelfand MC, et al. **Kidney Int [Suppl]** (7):S239–43, Dec 76

Hyperacute rejection of cardiac allografts in a rat strain with a hereditary platelet function defect. Forbes RD, et al. **Lab Invest** 37(2):158–61, Aug 77

Intraventricular haemorrhage in the newborn. Gupta JM, et al. **Med J Aust** 2(9):338–40, 28 Aug 76

Neonatal respiratory distress from hemothorax. Mazzi E, et al. **Pediatrics** 59 Suppl(6 Pt 2):1057–8, Jun 77

Factors that influence maternal mortality in eclampsia. Lopez–Llera M, et al. **Perspect Nephrol Hypertens** 5:41–9,

1976
Multiple organ failure. Eiseman B, et al. **Surg Gynecol Obstet** 144(3):323–6, Mar 77
[Severe epistaxis in hemorrhagic syndromes (excepting Rendu-Osler disease)] Josso F. **Ann Otolaryngol Chir Cervicofac** 93(1–2):15–21, Jan–Feb 76 (Eng. Abstr.) **(Fre)**
[Coagulation disorders in the hemorrhage of portal hypertension (especially in post-sinusoidal block)] Raby C, et al. **Chirurgie** 102(3):186–96, Feb 76 (Eng. Abstr.) **(Fre)**
[Anomalies of hemostasis and fetal hypotrophy] Raynaud EJ, et al. **Pediatrie** 32(3):231–9, Apr–May 77 (Eng. Abstr.) **(Fre)**
[Disseminated lupus erythematosus with circulating anticoagulant (proceedings)] Sandler B, et al. **Pediatrie** 31(6):624–5, Sep 76 **(Fre)**
[Phlebitis indicative of blood diseases] Piguet H. **Phlebologie** 29(2):103–16, Apr–Jun 76 (48 ref.) (Eng. Abstr.) **(Fre)**
[Multiple organic replacement in intensive care medicine seen from anaesthesiological view (author's transl)] Baust G, et al. **Anaesthesist** 26(2):49–55, Feb 77 (Eng. Abstr.) **(Ger)**
[Kidney damage during translumbar aortography treated by selective catheter embolisation (author's transl)] Günther R, et al. **Fortschr Geb Roentgenstr Nuklearmed** 126(5):426–9, May 77 (Eng. Abstr.) **(Ger)**
[Septic infections in childhood] Truckenbrodt H. **Med Klin** 72(18):779–87, 6 May 77 (27 ref.) **(Ger)**
[Early clinical symptoms and therapy of haemorrhages in old age (author's transl)] Heinrich HG. **ZFA [Dresden]** 31(6):547–51, 1976 (Eng. Abstr.) **(Ger)**
[The obstetrical problem of the grand multipara with special reference to some cases of postpartum hemorrhage] Colizzi E, et al. **Minerva Ginecol** 28(5):351–60, May 76 (Eng. Abstr.) **(Ita)**
[Early melena in newborn infants in high-risk pregnancy] Cianci S, et al. **Minerva Pediatr** 29(9):627–32, 17 Mar 77 **(Ita)**
[Digestive hemorrhages in newborn and other infants] Levi P, et al. **Minerva Pediatr** 29(22):1393–408, 23 Jun 77 **(Ita)**
[A case of nodular purpura in an infant] Scotta MS, et al. **Minerva Pediatr** 29(20):1311–4, 9 Jun 77 (Eng. Abstr.) **(Ita)**
[Data on the pathogenesis and therapy of the hemolytic-uremic syndrome] Esposito L, et al. **Pediatria (Napoli)** 85(1):61–72, 31 Mar 1977 (Eng. Abstr.) **(Ita)**
[Etiology of subdural exudates in infants] Waclawczyk H, et al. **Pediatr Pol** 52(6):671–3, Jun 77 **(Pol)**
[An unusual case of small intestine infarction of venous origin] Andreoiu C, et al. **Rev Chir [Chir]** 26(1):59–61, Jan–Feb 77 (Eng. Abstr.) **(Rum)**
[Toxico-septic shock, Round-table discussion. Jassy, 26 April, 1975] **Rev Med Chir Soc Med Nat Iasi** 80(1):131–58, Jan–Mar 76 **(Rum)**
[Hemorrhage caused by coagulation disturbances] Patrichi G. **Viata Med [Medii Sanit]** 24(10):220–4, Oct 76 **(Rum)**
[Disorder of the thrombocytic-vascular component of hemostasis in thyrotoxicosis] Pavlovskiĭ DP. **Probl Endokrinol (Mosk)** 23(3):32–5, May–Jun 77 (Eng. Abstr.) **(Rus)**
[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskiĭ DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**
[Morphologic changes in the cells of sarcoma 45 and the capsule surrounding the tumor in rats under the influence of thrombolytin in a complex with aminazine] Kolomina SM, et al. **Tsitologiia** 19(5):501–7, May 77 (Eng. Abstr.) **(Rus)**
[Hemostatic disorders in Australia-antigen-positive subjects as an important cause of hemorrhage during surgical interventions] Bošković S, et al. **Acta Chir Iugosl** 22(1):45–54, 1975 (Eng. Abstr.) **(Scr)**
[Hemorrhage and thrombosis in infections] Romero Bobillo E, et al. **Rev Sanid Hig Publica (Madr)** 49(9):837–54, Sep 75 (Eng. Abstr.) **(Spa)**

CONGENITAL

Surgery in patients with congenital disorders of blood coagulation. Krieger JN, et al. **Ann Surg** 185(3):290–4, Mar 77
Fibrinogen Marburg a new genetic variant of fibrinogen. Fuchs G, et al. **Blut** 34(2):107–18, Feb 77
Glanzmann's thrombasthenia in a Melanesian. Amato D. **Papua New Guinea Med J** 19(3):176–80, Sep 76
Platelet interaction with collagen fibrils in flowing blood. II. Impaired adhesion-aggregation in bleeding disorders. A comparison with subendothelium. Baumgartner HR, et al. **Thromb Haemostas** 37(1):17–28, 28 Feb 77
[Congenital dysfibrinogenemia: fibrinogen Giessen II] Krause WH, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1646–9, 1976 **(Ger)**
[Classification of platelet function abnormalities (author's transl)] Deguchi K. **Jpn J Clin Hematol** 17(7):716–29, Jul 76 (98 ref.) **(Jpn)**

DIAGNOSIS

Progress report: the activated coagulation time of whole blood (ACT). Hattersley PG. **Am J Clin Pathol** 66(5):899–904, Nov 76
Clinical and physiologic studies of two siblings with prekallikrein (Fletcher factor) deficiency. Hathaway WE, et al. **Am J Med** 60(5):654–64, 10 May 76
Detection and management of hypercoagulability. Collins GJ Jr, et al. **Am J Surg** 132(6):767–70, Dec 76
Dextran 40-induced coagulopathy confused with von Willebrand disease. Brodman RF, et al. **Arch Surg** 112(3):321–2, Mar 77
Clinical pathology. A diagnostic aid to the dental practitioner. Orams HJ. **Aust Dent J** 22(1):37–45, Feb 77
Congenital dysfibrinogenemias: molecular abnormalities of fibrinogen. Mammen EF. **Blut** 33(4):229–34, Oct 76
Values of three coagulation screening tests of precolostral calves. Border M. **Can J Comp Med** 40(3):265–9, Jul 76
Glass activation-induced decrease or disappearance of normotest-thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex. Girolami A, et al. **Folia Haematol (Leipz)** 104(2):283–93, 1977
New neonatal problems of blood coagulation and fibrinolysis. I. The change of plasmin inhibitor levels in the newborn infant. Suzuki S, et al. **J Perinat Med** 4(4):213–20, 1976
Acute reversible myocardial infarction after blood transfusion in the aged. Kuramoto K, et al. **Jpn Heart J** 18(2):191–201, Mar 77
Measuring partial thromboplastin-time. An international collaborative study. Poller L, et al. **Lancet** 2(7990):842–6, 16 Oct 76
Presurgical coagulation testing. Swanson JO. **Minn Med** 59(8):517–22, Aug 76
Glanzmann's thrombasthenia in a Melanesian. Amato D. **Papua New Guinea Med J** 19(3):176–80, Sep 76
Tracing delayed hemostatic changes in open-heart surgery patients. Davey FR, et al. **RN** 39(11):ICU1–2, ICU6, Nov 76
[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**
[Minimal pre-operative assessment of hemostasis (author's transl)] Kher A, et al. **Ann Chir** 31(2):177–9, Feb 77 (Eng. Abstr.) **(Fre)**
[Diagnosis of acute acquired defects of coagulation and their therapy (author's transl)] Göbel EA. **Anaesthesist** 25(9):449–53, Sep 76 (Eng. Abstr.) **(Ger)**
[Fibrinogen 'Hannover', a further abnormal fibrinogen] Barthels M, et al. **Blut** 34(2):99–106, Feb 77 (Eng. Abstr.) **(Ger)**
[Screening and rapid tests in diagnosis of hemostasis disorders] Matthias FR. **Internist (Berlin)** 17(9):430–5, Sep 76 **(Ger)**
[Dysfibrinogenemia. A new case: dysfibrinogenemia Giessen III (author's transl)] Matthias FR, et al. **Klin Wochenschr** 55(11):539–43, 1 Jun 77 (Eng. Abstr.) **(Ger)**
[A simple method for the recording of hyperfibrinolytic conditions] Petrowicz O, et al. **Med Welt** 28(19):897–8, 13 May 77 **(Ger)**
[Standardisation and quality control of the thromboplastin time (Quick test) (author's transl)] Beck EA. **Ther Umsch** 34(5):347–9, May 77 (Eng. Abstr.) **(Ger)**
[Standard program in the laboratory diagnosis of hemorrhagic diseases] Vogel G. **Z Gesamte Inn Med** 32(5):SUPPL 67–8, 1 Mar 77 **(Ger)**
[Proceedings: Meeting of the Berlin Dermatology Association May 15, 1976] Schwarz E, et al. **Z Hautkr** 52(5):175–86, 1 Mar 77 **(Ger)**
[The problem of blood coagulation in patients with congenital heart diseases submitted to open heart surgery. Neutralization of heparin following extracorporeal circulation] Ricucci G, et al. **Minerva Cardioangiol** 25(2):173–84, Feb 77 (Eng. Abstr.) **(Ita)**
[Behavior of coagulation factors in premature and full-term newborn infants] Ferrero AM, et al. **Minerva Pediatr** 29(17):1161–4, 12 May 77 **(Ita)**
[Consequences of arterial surgery] Benedetti-Valentini F, et al. **Recent Prog Med (Roma)** 60(4):386–406, Apr 76 (Eng. Abstr.) **(Ita)**
[Rhe role of dentists in the detection of systemic diseases] Szepietowska W, et al. **Czas Stomatol** 30(4):350, Apr 77 **(Pol)**

[Importance of detection of blood clotting and fibrinolysis disorders in children with severe infections] Grygalewicz J. **Pediatr Pol** 52(3):285–92, Mar 77 (Eng. Abstr.) **(Pol)**

[Thermography as an original new energy method of assessing the state of hemostasis under normal conditions and in the presence of pathology] Khavkina LS, et al. **Izv Akad Nauk SSSR [Biol]** (2):288–96, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Use of microquantities of capillary blood for registration of the thromboelastogram] Galushkin AN, et al. **Nov Med Tekh** (3):60–1, 1976 (Eng. Abstr.) **(Rus)**

[Use in the clinic of the TEM-1 thromboelastometer] Levitina DI, et al. **Nov Med Tekh** (3):56–7, 1976 (Eng. Abstr.) **(Rus)**

[Changes in thromboelastogram in women on hormonal contraception] Borko E, et al. **Jugosl Ginekol Opstet** 16(5–6):337–41, 1976 (Eng. Abstr.) **(Scr)**

[The effect of long-term use of oral contraception on blood coagulation (author's transl)] Tiška-Rudman L, et al. **Lijec Vjesn** 99(6):337–44, Jun 77 (Eng. Abstr.) **(Scr)**

[A functional assay of fibrinoformation in the newborn (author's transl)] Merino J, et al. **Sangre (Barc)** 22(4):439–52, 1977 (Eng. Abstr.) **(Spa)**

[Assessment of circulating soluble fibrin by the ethanol test during delivery (author's transl)] Tascon A, et al. **Sangre (Barc)** 22(2):191–6, 1977 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Detection and management of hypercoagulability. Collins GJ Jr, et al. **Am J Surg** 132(6):767–70, Dec 76

Bleeding from self-administration of phenindione: a detailed case study. Gover PA, et al. **Br J Haematol** 33(4):551–64, Aug 76

On the interaction between the anti-inflammatory substance proquazone (RU 43-715) and phenprocoumone. Vinazzer H. **Int J Clin Pharmacol Biopharm** 15(5):214–6, May 77

Flaujeac factor deficiency. Reconstitution with highly purified bovine high molecular weight-kininogen and delineation of a new permeability-enhancing peptide released by plasma kallikrein from bovine high molecular weight-kininogen. Matheson RT, et al. **J Clin Invest** 58(6):1395–406, Dec 76

Coagulation disorders. Bonnar J. **J Clin Pathol [Suppl]** (10):35–41, 1976

The relationship between Normotest and Thrombotest in patients on oral anticoagulant therapy. Refsum N, et al. **Scand J Haematol** 18(4):333–6, Apr 77

Treatment of circulatory disturbances with flunarizine and cinnarizine. Staessen AJ. **Vasa** 6(1):59–71, 1977

[Diagnosis of acute acquired defects of coagulation and their therapy (author's transl)] Göbel EA. **Anaesthesist** 25(9):449–53, Sep 76 (Eng. Abstr.) **(Ger)**

[Hemostatic defects in acute myeloid leukemias of the adult. Physiopathology and therapy] Trobisch H, et al. **Dtsch Med Wochenschr** 101(39):1430–3, 24 Sep 76 **(Ger)**

[Thrombolytic treatment in pregnancy and during labor] Brandt M, et al. **Folia Haematol (Leipz)** 103(3):477–82, 1976 **(Ger)**

[Spontaneous intramural hemorrhage within the intestinal wall during anticoagulation] Müller C, et al. **Helv Chir Acta** 43(5–6):579–85, Dec 76 **(Ger)**

[The effect of Aspisol on platelet function after vascular surgery (author's transl)] Schricker KT, et al. **Munch Med Wochenschr** 119(28):961–4, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Treatment of hemostasis disorders in liver diseases:prothrombin-complex concentrates] Fischer M. **Z Gastroenterol** 14(6):650–3, Oct 76 (Eng. Abstr.) **(Ger)**

[Platelets aggregation employing ADP and cephalin. Comparative tests (author's transl)] Ottaviani F, et al. **Quad Sclavo Diagn** 12(2):180–95, Jun 76 (Eng. Abstr.) **(Ita)**

[An unusual case of small intestine infarction of venous origin] Andreoiu C, et al. **Rev Chir [Chir]** 26(1):59–61, Jan–Feb 77 (Eng. Abstr.) **(Rum)**

[Use of protamine sulfate, epsilon-aminocaproic acid and serotonin in experimental hypofibrinogenemia and fibrinolysis caused by stimulation of the anticoagulant system] Kalishevskaia TM, et al. **Biol Nauki** (10):69–75, 1976 **(Rus)**

[Specific features of blood coagulation system and fibrinolysis in patients with glomerulonephritis against the background of heparin treatment] Panchenko VM, et al. **Klin Med (Mosk)** 55(5):116–22, May 77 **(Rus)**

[Clinical significance of disorders in the blood coagulation system in children with diabetes mellitus (literature survey)] Viadro SS, et al. **Vopr Okhr Materin Det** 21(4):61–5, Apr 76 **(Rus)**

[State of blood coagulation in patients with collagenosis] Dashtaiants GA, et al. **Vrach Delo** (10):73–5, Oct 76 (Eng. Abstr.) **(Rus)**

[Another defect of the intrinsic activator of prothrombin localized in the contact phase of activation: factor DMD (Dynia-Majan-Drdlička)] Hrubišková K. **Vnitr Lek** 23(4):316–28, Apr 77 **(Slo)**

[Use of hemostatic preparations in obstetrical hemorrhages] Pavlovskiĭ DP, et al. **Pediatr Akush Ginekol** (1):33–7, Jan–Feb 76 **(Ukr)**

ENZYMOLOGY

Demonstration of granulocytic proteases in plasma of patients with acute leukemia and septicemia with coagulation defects. Egbring R, et al. **Blood** 49(2):219–31, Feb 77

[Direct proteolysis of coagulation factors through granulocyte enzymes as a possible mechanism of blood coagulation disorders in acute leukemia and septicemia] Egbring R, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1629–32, 1976 **(Ger)**

ETIOLOGY

Circulating anticoagulant against Factor XII and platelet antibodies in systemic lupus erythematosus. Gandolfo GM, et al. **Acta Haematol (Basel)** 57(3):135–42, 1977

Refractory coagulopathy in an infant with loss of clotting proteins into ascitic fluid. Johnson CA, et al. **Acta Paediatr Scand** 65(6):773–5, Nov 76

Coagulopathy with midtrimester induced abortion: association with hyperosmolar urea administration. Burkman RT, et al. **Am J Obstet Gynecol** 127(5):533–6, 1 Mar 77

Extracorporeal membrane oxygenation in the treatment of respiratory failure--a review. Newland PE. **Anaesth Intensive Care** 5(2):99–112, May 77 (73 ref.)

Late evaluation of patients undergoing valve replacement with the Björk-Shiley prosthesis. Lepley D Jr, et al. **Ann Thorac Surg** 24(2):131–9, Aug 77

Coagulation abnormalities in rheumatoid disease. Conn DL, et al. **Arthritis Rheum** 19(6):1237–43, Nov–Dec 76

Hypocalcemia and bleeding disorders in a uremic patient. Recalcati P, et al. **Atti Accad Med Lomb** 30(1–3):91–8, 1975 (Eng. Abstr.)

Fibrinogen Marburg a new genetic variant of fibrinogen. Fuchs G, et al. **Blut** 34(2):107–18, Feb 77

Cardiovascular disease in diabetes mellitus. Harrower AD. **Br J Clin Pract** 31(5):47–51, May 77 (30 ref.)

Bleeding from self-administration of phenindione: a detailed case study. Gover PA, et al. **Br J Haematol** 33(4):551–64, Aug 76

Acquired dysfibrinogenaemia in acute and chronic liver disease. Lane DA, et al. **Br J Haematol** 35(2):301–8, Feb 77

Bleeding in renal failure: a possible cause. Kazatchkine M, et al. **Br Med J** 2(6036):612–5, 11 Sep 76

Quantification of wear, hemolysis and coagulation deficits in patients with Beall mitral valves. Clark RE, et al. **Circulation** 56(3 Pt 2 Suppl):II139–43, Sep 77

Coagulation defects following whole body hyperthermia in the treatment of disseminated cancer: a limiting factor in treatment. Ludgate CM, et al. **Clin Oncol** 2(3):219–25, Sep 76

The problems of retinal blood flow in diabetes. Kohner EM. **Diabetes** 25(2 SUPPL):839–44, 1976

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Coagulation defect in experimental trypanosomial infection. Essien EM, et al. **Haemostasis** 5(6):341–7, 1976

The effect of total parenteral nutrition on the blood coagulation profile. pp. 285–9. Breda R, et al. **In: Manni C, ET AL., ED. Total parental alimentation. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.367 1976.**

Human coagulation abnormalities during acute exposure to hypobaric hypoxia. Maher JT, et al. **J Appl Physiol** 41(5 Pt. 1):702–7, Nov 76

A new coagulation defect associated with a case of melanomatosis. Phillips JD, et al. **J Clin Pathol** 30(6):547–50, Jun 77

Coagulation disorders. Bonnar J. **J Clin Pathol [Suppl]** (10):35–41, 1976

Severe coagulation abnormalities in Reye syndrome. Pegelow C, et al. **J Pediatr** 91(3):413–6, Sep 77

Current concepts of defibrination in the pregnant woman. Kleiner GJ, et al. **J Reprod Med** 17(6):309–17, Dec 76

The spectrum of vitamin K deficiency. Ansell JE, et al. **JAMA** 238(1):40–2, 4 Jul 77

Possible congenital defect in platelet thromboxane synthetase [letter]. Weiss HJ, et al. **Lancet** 1(8014):760–1, 2 Apr 77

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

Haematological abnormalities in acute pancreatitis. A prospective study. Murphy D, et al. **Postgrad Med J** 53(620):310–4, Jun 77

Multiple organ failure. Eiseman B, et al. **Surg Gynecol Obstet** 144(3):323–6, Mar 77

Incorporation of 125 I-fibrinogen in circulating soluble fibrin monomer complexes during hypercoagulability. von Hugo R, et al. **Thromb Res** 10(5):703–10, May 77

Heat illness. II. Pathogenesis. Ellis FP. **Trans R Soc Trop Med Hyg** 70(5–6):412–8, 1977 (98 ref.)

Acute hemolytic transfusion reactions--a fresh look at pathogenesis and considerations regarding therapy. Goldfinger D. **Transfusion** 17(2):85–98, Mar–Apr 77

[Extraperitoneal complications of acute pancreatitis] De Cock G. **Tijdschr Gastroenterol** 19(3):170–83, 1976 (80 ref.) (Eng. Abstr.) **(Dut)**

[Hemostasis disorders in the alcoholic] Wautier JL, et al. **Actual Odontostomatol (Paris)** (115):455–61, Sep 76 **(Fre)**

[Impact and complications observed in the use of macromolecules] Laxenaire MC, et al. **Anesth Analg (Paris)** 3(4):691–702, Jul–Aug 76 (68 ref.) **(Fre)**

[Coagulation deficits and hemorrhagic consequences after cardiac surgery under ECC] Belleville J, et al. **Ann Anesthesiol Fr** 18(1):51–61, 1977 (Eng. Abstr.) **(Fre)**

[Hemostatic disorders in septicemia. Apropos of 65 cases] Département d'Anesthésie-Réanimation, Groupe hospitalier La Timone - 13385 Marseille Cedex 4.. **Ann Anesthesiol Fr** 17(3):45–9, 1976 (Eng. Abstr.) **(Fre)**

[Hereditary fructose intolerance with early onset] Mercier JC, et al. **Arch Fr Pediatr** 33(10):945–53, Dec 76 (Eng. Abstr.) **(Fre)**

[Neurological malaria in adults living in a hypoendemic zone (Cape Verde area)] Diop Mar I, et al. **Bull Soc Med Afr Noire Lang Fr** 22(1):6–29, 1977 (Eng. Abstr.) **(Fre)**

[Reduction of Willebrand activity in patients with chronic kidney failure] Kazatchkine M, et al. **C R Acad Sci [D] (Paris)** 283(3):287–9, 19 Jul 76 (Eng. Abstr.) **(Fre)**

[Septicemia in urologia] Richaud C. **J Urol Nephrol (Paris)** 82 suppl 1:1–159, Dec 76 (433 ref.) **(Fre)**

[Disorders of hemostasis during partial hepatectomies. Study of 20 cases] Conard J, et al. **Nouv Presse Med** 5(38):2519–23, 13 NOV 76 (Eng. Abstr.) **(Fre)**

[Disorders of haemostasis in patients undergoing maintenance haemodialysis, with special reference to recurrent arteriovenous fistula thrombosis. Effects of dipyridamole (author's transl)] Jacques C, et al. **Pathol Biol (Paris)** 24 Suppl:27–32, Dec 76 (Eng. Abstr.) **(Fre)**

[Fetal distress and disorders of blood composition at birth] **Pediatrie** 32(2):129–39, Mar 77 (Eng. Abstr.) **(Fre)**

[The thrombocytopenias] Bergier. **Praxis** 65(27):833–6, 6 Jul 76 **(Fre)**

[Massive hemorrhage during major orthopedic surgery. Metabolic consequences] Pasteyer J, et al. **Rev Chir Orthop** 62(6):585–93, Sep 76 (Eng. Abstr.) **(Fre)**

[Disorders of hemostasis and coagulation in liver cirrhosis] Larrieu MJ. **Rev Prat** 26(51):3651–62, 11 Nov 76 (Eng. Abstr.) **(Fre)**

[Blood coagulation disorders in acute liver failure and substitution therapy (proceedings)] Kleinberger G, et al. **Acta Med Austriaca® [Suppl]** (3):216–7, 1976 **(Ger)**

[Blood coagulation disorders within the framework of hemoperfusion (proceedings)] Pall H, et al. **Acta Med Austriaca® [Suppl]** (3):217, 1976 **(Ger)**

[Effects of premedication, narcosis and surgery on the coagulation and fibrinolysis systems and the platelets. The influence of dextran and hydroxyethyl starch (hes) during and after operation (author's transl)] Popov-Cenić S, et al. **Anaesthesist** 26(2):77–84, Feb 77 (Eng. Abstr.) **(Ger)**

[Dynamics of blood coagulation disorders in traumatic-hemorrhagic shock] Sefrin P, et al. **Chirurg** 48(4):227–31, Apr 77 (Eng. Abstr.) **(Ger)**

[Intra-operative autotransfusion for massive bleeding (author's transl)] Kern E, et al. **Dtsch Med Wochenschr** 102(6):188–92, 11 Feb 77 (Eng. Abstr.) **(Ger)**

[Hemostatic defects in acute myeloid leukemias of the adult. Physiopathology and therapy] Trobisch H, et al. **Dtsch Med Wochenschr** 101(39):1430–3, 24 Sep 76 **(Ger)**

[Various changes of blood coagulation in portal hypertension] Jablonská M, et al. **Dtsch Z Verdau Stoffwechselkr** 36(3–4):151–2, 1976 **(Ger)**

[Congenital and acquired variants of plasma fibrinogen] Krantz S, et al. **Folia Haematol (Leipz)** 103(6):793–806, 1976 (89 ref.) (Eng. Abstr.) **(Ger)**

[Review: hemorrhagic diathesis resulting from acute exposure to ionizing radiation] Krantz S, et al. **Folia Haematol (Leipz)** 104(1):1–10, 1977 (99 ref.) (Eng. Abstr.) **(Ger)**

[Complications after abortion. Hospitalization for early post-abortion morbidity after voluntary abortion] Feichter GE. **Fortschr Med** 94(16):965–7, 3 Jun 76 **(Ger)**

[Postoperative and post-traumatic coagulation disorders: diagnosis and treatment. 1. Pathogenesis, clinical classification, diagnosis] Marx R. **Fortschr Med** 95(10):603–7, 10 Mar 77 **(Ger)**

[Risks to donor and recipient in blood collection and blood transfusion] Bergmann H. **Infusionsther Klin Ernaehr** 4(2):84–6, Apr 77 (Eng. Abstr.) **(Ger)**

[Problems in intensive care for burns (author's transl)] Müller FE. **Langenbecks Arch Chir** 342:375–81, 15 Nov 76 (Eng. Abstr.) **(Ger)**

[Hepatic insufficiency - clinical picture] Schmid M. **Leber Magen Darm** 7(4):236–40, Aug 77 (Eng. Abstr.) **(Ger)**

[Anticoagulant therapy in heart infarction?] Lasch HG. **Med Welt** 28(15):700–3, 15 Apr 77 **(Ger)**

[Effect of the heart-lung machine on blood coagulation] Schricker KT, et al. **Med Welt** 27(46):2232–9, 12 Nov 76 **(Ger)**

[Life-threathening tracheal obstruction following intubation in a case of Willebrand-Jürgens disease] Gabriel W, et al. **Prakt Anaesth** 11(5):349–53, Oct 76 (Eng. Abstr.) **(Ger)**

[Direct proteolysis of coagulation factors through granulocyte enzymes as a possible mechanism of blood coagulation disorders in acute leukemia and septicemia] Egbring R, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1629–32, 1976 **(Ger)**

[Acute hepatic coma in complete liver ischemia] Fischer M, et al. **Verh Dtsch Ges Inn Med** 82 Pt 1:376–8, 1976 **(Ger)**

[Blood coagulation and its disorders in portal hypertension] Lasch HG. **Verh Dtsch Ges Inn Med** 82 Pt 1:190–8, 1976 **(Ger)**

[Hypercoagulability in patients after heart infarct and malignant tumors] Reinicke R, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1750–2, 1976 **(Ger)**

[Disorders of blood coagulatiion during haemoperfusion (author's transl)] Niessner H, et al. **Wien Klin Wochenschr** 89(10):347–50, 13 May 77 (Eng. Abstr.) **(Ger)**

[Blood coagulation disorders following acute carbon monoxide poisoning] Kühnscherf V, et al. **Z Aerztl Fortbild (Jena)** 71(4):166–7, 15 Feb 77 **(Ger)**

[Treatment of hemostasis disorders in liver diseases:prothrombin-complex concentrates] Fischer M. **Z Gastroenterol** 14(6):650–3, Oct 76 (Eng. Abstr.) **(Ger)**

[Bleeding complications after lung surgery (author's transl)] Neef H, et al. **Zentralbl Chir** 102(11):664–9, 1977 (Eng. Abstr.) **(Ger)**

[General symptoms in severe burn injuries (author's transl)] Röding H, et al. **Zentralbl Chir** 101(24):1473–80, 1976 (46 ref.) (Eng. Abstr.) **(Ger)**

[Problems of anesthesia and resuscitation in drepanocytic anemia] Scotti A, et al. **Chir Ital** 28(6):882–90, Dec 76 (Eng. Abstr.) **(Ita)**

[Role of pulmonary metabolism in blood coagulation in physiology, clinical medicine and therapy] Balsano F, et al. **Clin Ter** 80(6):513–27, 31 Mar 77 **(Ita)**

[Studies of the metabolism of fibrinogen-I 125 in cases of chronic glomerulonephritis and pyelonephritis and in uremic patients treated by periodical hemodialysis] Huber W, et al. **G Clin Med** 56(11–12):431–44, Nov–Dec 75 (Eng. Abstr.) **(Ita)**

[Current trends in the treatment of patients with cranio-cerebral injuries. Personal experiences, with special reference to the prevention and therapy of gastrointestinal hemorrhages and to treatment with L-dopa] Zuccoli P, et al. **Minerva Anestesiol** 42(7–8):527–36, Jul–Aug 76 (Eng. Abstr.) **(Ita)**

[Study of blood coagulation disorders after operations with extracorporeal circulation in infants and children] Calza G. **Minerva Cardioangiol** 25(4):279–88, Apr 77 (63 ref.) (Eng. Abstr.) **(Ita)**

[The role of filters in extracorporeal circulation. Correlation with coagulation defects and neurological damage] Ferrozzi G, et al. **Minerva Cardioangiol** 25(4):269–73, Apr 77 **(Ita)**

[The problem of blood coagulation in patients with congenital heart diseases submitted to open heart surgery. Neutralization of heparin following extracorporeal circulation] Ricucci G, et al. **Minerva Cardioangiol** 25(2):173–84, Feb 77 (Eng. Abstr.) **(Ita)**

[Fibrinolytic activity of the human brain after contusive injuries] Fiori M, et al. **Minerva Med** 67(56):3713–8, 17 Nov 76 (Eng. Abstr.) **(Ita)**

[The blood coagulation situation in fetal erythroblastosis before and after exchange transfusion] Marca L, et al. **Minerva Pediatr** 29(17):1141–4, 12 May 77 **(Ita)**

[Clinical aspects of Waldenström's macroglobulinemia] Chelazzi G. **Recent Prog Med (Roma)** 60(5):522–54, May 76 (Eng. Abstr.) **(Ita)**

[Physiopathology, clinical aspects and therapy of shock in meningococcic sepsis] Simeoni S, et al. **Recent Prog Med (Roma)** 60(2):131–54, Feb 76 (169 ref.) (Eng. Abstr.) **(Ita)**

[Changes in hemostasis in the postoperative period] Cuteudache C, et al. **Rev Chir [Chir]** 26(2):129–35, Mar–Apr 77 (Eng. Abstr.) **(Rum)**

[Biological changes in the course of acute microbial bronchopneumopathies. II.] Tacu V, et al. **Rev Med Chir Soc Med Nat Iasi** 81(1):23–7, Jan–Mar 77 (Eng. Abstr.) **(Rum)**

[Hemostasis changes in acute diffuse glomerulonephritis in children] Nanulescu M, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 25(4):317–24, Oct–Dec 76 (Eng. Abstr.) **(Rum)**

[Effect of unsaturated fatty acids, vitamin A and heparin on the initial stages of thrombin–131I clearance and the functional state of the anticoagulant system of animals following its depression by an atherogenic diet] Bazaz'ian GG, et al. **Biol Nauki** (4):69–74, 1977 **(Rus)**

[Use of protamine sulfate, epsilon–aminocaproic acid and serotonin in experimental hypofibrinogenemia and fibrinolysis caused by stimulation of the anticoagulant system] Kalishevskaia TM, et al. **Biol Nauki** (10):69–75, 1976 **(Rus)**

[Disorder of the thrombocytic–vascular component of hemostasis in thyrotoxicosis] Pavlovskiĭ DP. **Probl Endokrinol (Mosk)** 23(3):32–5, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Syndrome of massive blood replacement as a terminal state in the practice of the anesthesiologist–reanimatologist] Zil'ber AP, et al. **Probl Gematol Pereliv Krovi** 22(4):43–6, Apr 77 (Eng. Abstr.) **(Rus)**

[Pathogenesis of blood coagulation complications in surgical interventions for tuberculosis] Kaminskaia GO, et al. **Probl Tuberk** (6):48–53, Jun 76 (Eng. Abstr.) **(Rus)**

[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskiĭ DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

[Blood coagulation and blood electrolytes in obstructive jaundice] Smirnov AA. **Vestn Khir** 116(6):46–8, Jun 76 (Eng. Abstr.) **(Rus)**

[Disorder of the blood coagulation system in severe craniocerebral injuries] Ivanov VV, et al. **Voen Med Zh** (10):37–9, Oct 76 **(Rus)**

[Blood coagulation system in young children with intestinal] Loverdo RG. **Vopr Okhr Materin Det** 21(3):35–8, 1976 (Eng. Abstr.) **(Rus)**

[Clinical significance of disorders in the blood coagulation system in children with diabetes mellitus (literature survey)] Viadro SS, et al. **Vopr Okhr Materin Det** 21(4):61–5, Apr 76 **(Rus)**

[Serological and clinical aspects of mass transfusion] Glaser E. **Bilt Hematol Transfuz** 4(3):47–51, 1976 (Eng. Abstr.) **(Scr)**

[Aortic aneurysm. Anesthesia and intensive care] Gustafson I. **Lakartidningen** 74(20):2014–5, 18 May 77 **(Swe)**

[Hemostatic disorders in obstetrics and their correction] Mikhaĭlenko ET, et al. **Pediatr Akush Ginekol** (2):33–8, Mar–Apr 77 **(Ukr)**

FAMILIAL & GENETIC

Fibrinogen Seattle: a qualitatively abnormal fibrinogen in a patient with tetralogy of Fallot. Branson HE, et al. **Am J Clin Pathol** 67(3):236–40, Mar 77

Clinical and physiologic studies of two siblings with prekallikrein (Fletcher factor) deficiency. Hathaway WE, et al. **Am J Med** 60(5):654–64, 10 May 76

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

Bleeding disorder in three male siblings. Williams IC. **East Afr Med J** 53(11):651–2, Nov 76

Prekallikrein deficiency in a kindred with kininogen deficiency and Fitzgerald trait clotting defect. Evidence that high molecular weight kininogen and prekallikrein exist as a complex in normal human plasma. Donaldson VH, et al. **J Clin Invest** 60(3):571–83, Sep 77

Hyperacute rejection of cardiac allografts in a rat strain with a hereditary platelet function defect. Forbes RD, et al. **Lab Invest** 37(2):158–61, Aug 77

Care of the critically ill child: the bleeding neonate. Glader BE, et al. **Pediatrics** 58(4):548–55, Oct 76

Inherited bleeding syndromes in Iraq. Al-Mondhiry HA. **Thromb Haemostas** 37(3):549–55, 30 Jun 77

An abnormal fibrinogen in a Venezuelan family. de Bosch NB, et al. **Thromb Res** 10(2):253–65, Feb 77

Skin fibroblasts from a patient with Glanzmann's thrombasthenia do not induce fibrin clot retraction [letter]. Donati MB, et al. **Thromb Res** 10(1):173–4, Jan 77

[Capacity of activation of so–called deficient factors in hereditary blood coagulation disorders] Mingers AM. **Fortschr Med** 94(30):1723–5, 21 Oct 76 (Eng. Abstr.) **(Ger)**

[Genetic heterogeneity of ischemic (coronary) heart disease] Kliueva SK. **Kardiologiia** 17(6):96–102, Jun 77 (Eng. Abstr.) **(Rus)**

HISTORY

[Prof. Rudolf Marx on his 65th birthday] Eisenburg J. **Fortschr Med** 95(19):1259–60, 19 May 77 **(Ger)**

IMMUNOLOGY

Circulating anticoagulant against Factor XII and platelet antibodies in systemic lupus erythematosus. Gandolfo GM, et al. **Acta Haematol (Basel)** 57(3):135–42, 1977

Acquired circulating anticoagulant in a 4–year–old child. Kirk PJ, et al. **Br Med J** 2(6047):1296, 27 Nov 76

Adhesion and aggregation of human platelets to rabbit subendothelium. A new approach for investigation: specific antibodies. Caen JP, et al. **Experientia** 33(1):91–3, 15 Jan 77

Multiple myeloma. Pathophysiology of immunoglobulin–producing neoplasms. pp. 78–86. **In: Warner NL, et al., ed. Multiple myeloma and related immunoglobulin–producing neoplasms. Geneva, International Union Against Cancer, 1974. W1 U413 v.13 1974.** (62 ref.)

Prevention of antigen–antibody induced intravascular coagulation by granulocytopenia. Shen MC. **J Formosan Med Assoc** 76(5):368–80, May 77

Filling defects in the renal pelvis and ureter owing to bleeding secondary to acquired circulating anticoagulants. Eisenberg RL, et al. **J Urol** 116(5):662–3, Nov 76

METABOLISM

The binding and cleavage characteristics of human Hageman factor during contact activation. A comparison of normal plasma with plasmas deficient in factor XI, prekallikrein, or high molecular weight kininogen. Revak SD, et al. **J Clin Invest** 59(6):1167–75, Jun 77

[Postgrauduate education. Lipoprotein distribution and its physiological and clinical aspects. Phospholipid metabolism disorders and their role in pathology] Wasowicz B. **Przegl Lek** 33(9):813–5, 1976 **(Pol)**

MICROBIOLOGY

[Hemostatic disorders in Australia–antigen–positive subjects as an important cause of hemorrhage during surgical interventions] Bošković S, et al. **Acta Chir Iugosl** 22(1):45–54, 1975 (Eng. Abstr.) **(Scr)**

OCCURRENCE

Clinical experience with the Smeloff–Cutter aortic valve prosthesis: an 8–year follow–up study. Sarma R, et al. **Am J Cardiol** 40(3):338–44, Sep 77

Inherited bleeding syndromes in Iraq. Al-Mondhiry HA. **Thromb Haemostas** 37(3):549–55, 30 Jun 77

PATHOLOGY

Progress in hemodialysis 1974 -- 1975. Kerr DN, et al. **Adv Nephrol** 6:415–42, 1976 (208 ref.)

[2 cases of neurological complications in young pregnant women] Mączyński B, et al. **Wiad Lek** 30(8):651–4, 15 Apr 77 (Eng. Abstr.) **(Pol)**

PHYSIOPATHOLOGY

Pathophysiology of bleeding disorders. Mammen EF. **AANA J** 44(6):598–608, Dec 76

Adhesion and aggregation of human platelets to rabbit subendothelium. A new approach for investigation: specific antibodies. Caen JP, et al. **Experientia** 33(1):91–3, 15 Jan 77

Human coagulation abnormalities during acute exposure to hypobaric hypoxia. Maher JT, et al. **J Appl Physiol** 41(5 Pt. 1):702–7, Nov 76

Hyperacute rejection of cardiac allografts in a rat strain with a hereditary platelet function defect. Forbes RD, et al. **Lab Invest** 37(2):158–61, Aug 77

Factor V and VIII activation 'in vivo' during bleeding. Evidence of thrombin formation at the early stage of hemostasis. Jensen AH, et al. **Pathol Biol (Paris)** 24 Suppl:6–10, Dec 76

Skin fibroblasts from a patient with Glanzmann's thrombasthenia do not induce fibrin clot retraction [letter]. Donati MB, et al. **Thromb Res** 10(1):173–4, Jan 77

[Significance of the cephalin–kaolin coagulation time in surgical odontology] Viaiatel C, et al. **Rev Odontostomatol (Paris)** 5(5):341–4, Sep–Oct 76 **(Fre)**

[Pathogenesis of arterial and venous thromboses] Lechler E. **ZFA (Stuttgart)** 53(15):829–34, 31 May 77 (56 ref.) **(Ger)**

[Physiopathology of shock conditions: practical aspects] Ziberstein B, et al. **Rev Ginecol Obstet (Rio de J)** 133:109–14, Mar–Apr 76 (Eng. Abstr.) **(Por)**

[Some indices of maternal–fetal interrelationships in late pregnancy toxicosis] Keĭlin SL. **Akush Ginekol (Mosk)** (6):56–8, Jun 76 (Eng. Abstr.) **(Rus)**

[Dialectic of the processes of fibrinolysis and blood coagulation] Petlenko VP, et al. **Probl Gematol Pereliv Krovi** 22(7):31–6, Jul 77 (14 ref.) (Eng. Abstr.) **(Rus)**

[Blood coagulation shifts in patients with obliterating endarteritis of the extremities depending on the degree of regional hypoxia and active tissue reaction] Reut AA, et al. **Probl Gematol Pereliv Krovi** 22(3):54–5, Mar 77 **(Rus)**

[Importance of the kidneys in regulating blood coagulation and fibrinolysis] Sokratov NV, et al. **Urol Nefrol (Mosk)** (4):80–5, Jul–Aug 77 **(Rus)**

[Evaluation of the blood coagulating system in acute gastroduodenal hemorrhages by thromboelastographic data] Rumiantsev VV, et al. **Vestn Khir** 118(2):129–32, Feb 77 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Late evaluation of patients undergoing valve replacement with the Björk–Shiley prosthesis. Lepley D Jr, et al. **Ann Thorac Surg** 24(2):131–9, Aug 77

Prevention of antigen–antibody induced intravascular coagulation by granulocytopenia. Shen MC. **J Formosan Med Assoc** 76(5):368–80, May 77

[Safe and cost-conscious blood transfusion] Schwarz H, et al. **Helv Chir Acta** 43(5–6):621–5, Dec 76 **(Ger)**

[Measures for the prevention of incidents in ambulatory dental surgery] Schottke C. **Stomatol DDR** 27(4):227–31, Apr 77 (Eng. Abstr.) **(Ger)**

[Necrosis of the prostate and the urinary bladder during kumarin therapy (author's transl)] Bischoff W, et al. **Urologe [A]** 15(6):295–6, Nov 76 (Eng. Abstr.) **(Ger)**

[The role of filters in extracorporeal circulation. Correlation with coagulation defects and neurological damage] Ferrozzi G, et al. **Minerva Cardioangiol** 25(4):269–73, Apr 77 **(Ita)**

[Changes in hemostasis in the postoperative period] Cuteudache C, et al. **Rev Chir [Chir]** 26(2):129–35, Mar–Apr 77 (Eng. Abstr.) **(Rum)**

[Concerning the article of Prof. G.M. Savel'eva 'Asphyxia neonatorum and its treatment'] Golubev AP, et al. **Akush Ginekol (Mosk)** (3):53–5, Mar 76 (Eng. Abstr.) **(Rus)**

[Effect of unsaturated fatty acids, vitamin A and heparin on the initial stages of thrombin–131I clearance and the functional state of the anticoagulant system of animals following its depression by an atherogenic diet] Bazaz'ian GG, et al. **Biol Nauki** (4):69–74, 1977 **(Rus)**

[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskiĭ DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**

SURGERY

Alleviation of primary fibrinolysis after hypophysectomy. Cusick JF, et al. **Am Surg** 42(12):914–6, Dec 76

THERAPY

Diseases of the urinary system. Treatment of blood disorders in renal disease and renal failure. Mitchell TR. **Br Med J** 2(6080):174–7, 16 Jul 77

Intraventricular haemorrhage in the newborn. Gupta JM, et al. **Med J Aust** 2(9):338–40, 28 Aug 76

[Fetal distress and disorders of blood composition at birth] **Pediatrie** 32(2):129–39, Mar 77 (Eng. Abstr.) **(Fre)**

[Blood coagulation disorders in acute liver failure and substitution therapy (proceedings)] Kleinberger G, et al. **Acta Med Austriaca® [Suppl]** (3):216–7, 1976 **(Ger)**

[Posttraumatic lung syndrome. Definition, diagnosis, and therapy. Report of a double blind study] McMichan JC, et al. **Med Welt** 76(48):2331–40, 26 Nov 76 **(Ger)**

[The economical problems of long-term treatment (author's transl)] Widmer HU. **Ther Umsch** 34(8):591–3, Aug 77 (Eng. Abstr.) **(Ger)**

[Role of pulmonary metabolism in blood coagulation in physiology, clinical medicine and therapy] Balsano F, et al. **Clin Ter** 80(6):513–27, 31 Mar 77 **(Ita)**

[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskiĭ DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**

[Concentrated antihemophilic globulin in the treatment of hemorrhagic syndromes] Baklaja F, et al. **Bilt Hematol Transfuz** 4(3):61–6, 1976 (Eng. Abstr.) **(Scr)**

[Hemostatic disorders in obstetrics and their correction] Mikhaĭlenko ET, et al. **Pediatr Akush Ginekol** (2):33–8, Mar–Apr 77 **(Ukr)**

VETERINARY

Feline factor XII (Hageman) deficiency. Green RA, et al. **Am J Vet Res** 38(6):893–5, Jun 77

Values of three coagulation screening tests of precolostral calves. Border M. **Can J Comp Med** 40(3):265–9, Jul 76

A clotting defect in an Arab colt foal. Hinton M, et al. **Equine Vet J** 9(1):1–3, Jan 77

A coagulopathy of the owl monkey (Aotus trivirgatus) associated with high antithrombin III activity. Loeb WF, et al. **Lab Anim Sci** 26(6 Pt 2):1084–7, Dec 76

The diagnosis of hemostatic disorders. Kociba GJ. **Vet Clin North Am** 6(4):609–23, Nov 76

BLOOD COAGULATION FACTORS

Pathophysiology of bleeding disorders. Mammen EF. **AANA J** 44(6):598–608, Dec 76

Refractory coagulopathy in an infant with loss of clotting proteins into ascitic fluid. Johnson CA, et al. **Acta Paediatr Scand** 65(6):773–5, Nov 76

Platelet factor 4 activity and thromboembolic episodes. Okuno T, et al. **Am J Clin Pathol** 67(4):351–5, Apr 77

Acute coagulopathy following infusion of prothrombin complex concentrate. Davey RJ, et al. **Am J Med** 60(5):719–22, 10 May 76

Normal hemostatic mechanisms: a review. Pool JG. **Am J Med Technol** 43(8):776–80, Aug 77

Progestational agents and blood coagulation. VIII. Effect of low-dose, alternate-day, estrogen–progestin combinations on blood coagulation factors in man, with a special note on the effect of freezing of blood samples. Ambrus JL, et al. **Am J Obstet Gynecol** 128(2):161–6, 15 May 77

Physical studies on calcium phosphate and barium citrate used as clotting-factor adsorbents. Deacon SL, et al. **Biochem Soc Trans** 4(4):720–3, 1976

The isolation of a new warfarin-sensitive protein from bovine plasma. Prowse CV, et al. **Biochem Soc Trans** 5(1):255–6, 1977

A comparative study of the effect of modification of the surface of human platelets on the receptors for aggregated immunoglobulins and for ristocentin–von Willebrand factor. Pfueller SL, et al. **Biochim Biophys Acta** 465(3):614–26, 17 Mar 77

Skewness in commingled distributions. Maclean CJ, et al. **Biometrics** 32(3):695–9, Sep 76

The importance of flow in blood vessels. Hess H, et al. **Biorheology** 13(4):221–3, Aug 76

Acquired circulating anticoagulant in a 4-year-old child. Kirk PJ, et al. **Br Med J** 2(6047):1296, 27 Nov 76

Platelet activating factor, the trigger of haemostatic alterations in rat anaphylaxis. Fésüs L, et al. **Clin Exp Immunol** 27(3):512–5, Mar 77

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

In vitro studies on the way in which the activation of factor VIII is affected in mixtures of plasma with hemophilia A plasma. Mingers AM. **Eur J Pediatr** 123(3):199–213, 1 Oct 76

Platelet activation in haemostasis: role of thrombin and other clotting factors in platelet–collagen interaction. Huzoor-Akbar, et al. **Haemostasis** 6(1):59–71, 1977

Studies on the chemistry of human platelet factor 4. Morgan FJ, et al. **Haemostasis** 6(1):53–8, 1977

Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8

no.3 1975. (58 ref.)

Serine proteases of coagulation and their inhibitors. pp. 189–202. Davie EW, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (46 ref.)

Clinical experience with extracorporeal membrane oxygenation hematology. pp. 137–40. Bloom S, et al.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.

Relationship of sialic acid to function and in vivo survival of human factor VIII/von Willebrand factor protein. Sodetz JM, et al. **J Biol Chem** 252(15):5538–46, 10 Aug 77

Stabilization of factor VIII in plasma by the von Willebrand factor. Studies on posttransfusion and dissociated factor VIII and in patients with von Willebrand's disease. Weiss HJ, et al. **J Clin Invest** 60(2):390–404, Aug 77

Studies of the coagulation and complement systems during experimental Rocky Mountain spotted fever in rhesus monkeys. Mosher DF, et al. **J Infect Dis** 135(6):985–9, Jun 77

Platelet-aggregating factor and the aggregation of fixed washed platelets. Cooper HA, et al. **J Lab Clin Med** 90(3):512–21, Sep 77

The platelet factor 3 immunoinjury technique re-evaluated. Development of a rapid test for antiplatelet antibody. Detection in various clinical disorders, including immunologic drug-induced and neonatal thrombocytopenias. Karpatkin M, et al. **J Lab Clin Med** 89(2):400–8, Feb 77

Kinetic characterization of hemostasis in thermal injury. Simon TL, et al. **J Lab Clin Med** 89(4):702–11, Apr 77

Action of Trimeresurus erythrusus and Trimeresurus popeorum venom on blood coagulation. Talalak P.
J Med Assoc Thai 60(1):9–18, Jan 77

Hematologic abnormalities in pregnancy. Bell WR.
Med Clin North Am 61(1):165–99, Jan 77

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

Intraventricular haemorrhage in the newborn. Gupta JM, et al. **Med J Aust** 2(9):338–40, 28 Aug 76

Introduction to clotting and lysis in blood plasma. Lorand L. **Methods Enzymol** 45:31–7, 1976 (36 ref.)

Purification and characterization of tissue factor apoprotein. Pitlick FA, et al. **Methods Enzymol** 45:37–48, 1976

Von Willebrand's disease: combined qualitative and quantitative abnormalities. Gralnick HR, et al.
N Engl J Med 296(18):1024–30, 5 May 77

Von Willebrand's disease and the molecular pathology of hemostasis [editorial]. Nachman RL. **N Engl J Med** 296(18):1059–60, 5 May 77

Molecular weights of antihaemophilic factor and von Willebrand factor proteins in human plasma. Newman J, et al. **Nature** 263(5578):612–3, 14 Oct 76

Amino acid sequence of human platelet factor 4. Deuel TF, et al. **Proc Natl Acad Sci USA** 74(6):2256–8, Jun 77

Thromboxane A2 and prostaglandin H2: potent stimulators of the swine coronary artery. Svensson J, et al.
Prostaglandins 12(6):943–50, Dec 76

The clinical significance of increased plasma levels of liver-synthesized coagulation factors in liver disease. Arnman R, et al. **Scand J Gastroenterol** 12(4):387–9, 1977

Hepatitis, type B in haemophiliacs. Relation to the source of clotting factor concentrates. Holsteen V, et al.
Scand J Haematol 18(3):214–8, Mar 77

Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)

Laboratory modalities for assessing hemostasis during cardiopulmonary bypass. Fekete LF, et al.
Semin Thromb Hemostas 3(2):83–9, Oct 76

Cardiopulmoanry bypass hemorrhage: a surgeon's point of view. Lambert CJ. **Semin Thromb Hemostas** 3(2):90–7, Oct 76

XIV. Cerebral ischemia: the role of thrombosis and of antithrombotic therapy. Study group on antithrombotic therapy. Genton E, et al. **Stroke** 8(1):150–75, Jan–Feb 77

The relationship of coagulation factors to clinical complications of acute pancreatitis. Ranson JH, et al.
Surgery 81(5):502–11, May 77

Comparison of the actions of thrombin and the thrombin-like venom enzymes ancrod and batroxobin. Aronson DL.
Thromb Haemostas 36(1):9–13, 31 Aug 76

Scanning electron microscopic and electrophoretic studies on clotting factor adsorbents. Deacon SL, et al.
Thromb Haemostas 36(1):60–70, 31 Aug 76

Report of the working party on platelets. Platelet factor 4 (PF4), Platelet protein with heparin neutralizing activity. Niewiarowski S. **Thromb Haemostas** 36(1):273–6, 31 Aug 76

The effect of phospholipase C on platelet factor 3 in human blood platelets. Otnaess AB, et al. **Thromb Haemostas** 37(1):29–35, 28 Feb 77

The ratio of factor VIII-related antigen and factor VIII biological activity as an index of hypercoagulability and intravascular clotting. Denson KW. **Thromb Res** 10(1):107–19, Jan 77

Platelet factor 4-like activity in the initial stages of atherosclerosis in pigeons. Fuster V, et al. **Thromb Res** 10(1):169–72, Jan 77

The effect of high molecular dextran on coagulation and metastes. Agostino D. **Tumori** 62(3):245–54, May–Jun 76

The problem of platelet autoantibodies. I. Evaluation of the platelet factor 3 availability test for their detection. Mueller-Eckhardt C, et al. **Vox Sang** 33(4):221–33, Oct 77

[Isolation and partial characterization of (PAF) platelet-activating-factor] Benveniste J, et al.
Ann Immunol (Paris) 128(1–2):259–60, Jan–Mar 77 (Eng. Abstr.) **(Fre)**

[Study of hemostasis factors in nephrotic syndrome. Pathogenic interpretation and therapeutic deductions] Bernard D, et al. **Ann Med Interne (Paris)** 128(4):325–33, Apr 77 (Eng. Abstr.) **(Fre)**

Clinical and biological studies in the Bernard-Soulier syndrome (author's trans)] Tobelem G.
Nouv Rev Fr Hematol 16(3):407–11, 1976 (Eng. Abstr.) **(Fre)**

[Diabetes mellitus, hemostatic function, and diabetic angiopathy] Zöller H, et al. **Med Welt** 27(37):1742–3, 10 Sep 76 **(Ger)**

[Acute hepatic coma in complete liver ischemia] Fischer M, et al. **Verh Dtsch Ges Inn Med** 82 Pt 1:376–8, 1976 **(Ger)**

[The therapeutic management of consumption coagulopathy in progressive liver cirrhosis: low-dosage heparin therapy (author's transl)] Fischer M, et al.
Wien Klin Wochenschr 88(15):488–94, 13 Aug 76 (Eng. Abstr.) **(Ger)**

[Pathogenesis of arterial and venous thromboses] Lechler E.
ZFA (Stuttgart) 53(15):829–34, 31 May 77 (56 ref.) **(Ger)**

[Polycythemia vera in childhood. Data on platelet function and blood coagulation factors] Esposito L, et al.
Pediatria (Napoli) 84(2):208–23, 30 Jun 76 (Eng. Abstr.) **(Ita)**

[Data on the behavior of hemopexin in acute leukemia in childhood in relation to the blood coagulation picture] Esposito L, et al. **Pediatria (Napoli)** 85(1):12–20, 31 Mar 1977 (Eng. Abstr.) **(Ita)**

[Studies of the disseminated intravascular syndrome in thalassemia major. Relations to the C3 and C4 complement fractions] Esposito L, et al. **Pediatria (Napoli)** 85(1):34–45, 31 Mar 1977 (Eng. Abstr.) **(Ita)**

[Plasma viscosity and thrombelastogram and some blood clotting factors in patients with atherosclerosis] Turczynski B, et al. **Pol Tyg Lek** 31(35):1509–12, 30 Aug 76 (Eng. Abstr.) **(Pol)**

[Mechanism and frequency of hemorrhagic complications in patients with plasma cell myeloma (author's transl)] Lisiewicz J. **Przegl Lek** 34(5):495–8, 1977 (24 ref.) **(Pol)**

[Effect of acetylcholine and atropine on renal secretion of blood-clotting compounds into the bloodstream] Sokratov NV, et al. **Biull Eksp Biol Med** 83(2):187–9, Feb 77 (Eng. Abstr.) **(Rus)**

[Activity of leukocytic factors of blood coagulation in chronic coronary insufficiency] Mel'nikov AF, et al. **Kardiologiia** 17(5):49–52, May 77 **(Rus)**

[Von Willebrand factor. Its role in hemostasis and the method of its determination] Baluda VP, et al. **Lab Delo** (8):451–5, 1976 **(Rus)**

[Intravascular blood clotting-component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**

[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskii DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**

[Possible role of blood coagulation factors in the etiology of urolithiasis] Sokratov NV, et al. **Urol Nefrol (Mosk)** (3):40–2, May–Jun 76 (Eng. Abstr.) **(Rus)**

ANALYSIS

Antihaemophilic factor A activity, F VIII-related antigen and von Wilebrand factor in hepatic cirrhosis. Baele G, et al.
Acta Haematol (Basel) 57(5):290–7, 1977

Treatment of extrahepatic occlusive jaundice with activated charcoal hemoperfusion in dogs. Lie TS, et al.
Acta Hepatogastroenterol (Stuttg) 23(4):262–6, Jul–Aug 76

An improved procedure for quantitation of platelet factor 4. Saleem A, et al. **Am J Clin Pathol** 67(6):533–6, Jun 77

Clinical and physiologic studies of two siblings with prekallikrein (Fletcher factor) deficiency. Hathaway WE, et al. **Am J Med** 60(5):654–64, 10 May 76

Evidence suggesting the regulation of a coagulation factor levels in rabbits by a transferable plasma agent. Friedman EW, et al. **Blood** 48(6):949–54, Dec 76

Coagulation studies in a patient with homozygous C3 deficiency [letter]. Gomperts ED, et al. **Br J Haematol** 35(1):165–6, Jan 77

Components of the haemostatic mechanism at birth in pre-eclampsia with particular reference to fetal growth retardation. Condie RG. **Br J Obstet Gynaecol** 83(12):94–3–7, Dec 76

Blood coagulation, fibrinolysis and plasma proteins in women with normal and with excessive menstrual blood loss. Hahn L, et al. **Br J Obstet Gynaecol** 83(12):974–80, Dec 76

The effects of intramuscular norethisterone oenanthate used as a contraceptive on intravenous glucose tolerance and on blood coagulation factors VII and X. Howard G, et al. **Br J Obstet Gynaecol** 84(8):618–21, Aug 77

Bleeding in renal failure: a possible cause. Kazatchkine M, et al. **Br Med J** 2(6036):612–5, 11 Sep 76

Bleeding in renal failure: is von Willebrand factor implicated? Remuzzi G, et al. **Br Med J** 2(6083):359–61, 6 Aug 77

The effect of oral glucose on von Willebrand factor activity in normal and diabetic subjects. Graves JM, et al. **Clin Endocrinol (Oxf)** 6(6):437–42, Jun 77

The incidence of post-operative deep vein thrombosis after splenectomy. Butler MJ, et al. **Clin Oncol** 3(1):51–6, Mar 77

Coagulability of arterial and venous blood in healthy subjects, patients with coronary atherosclerosis, and patients with rheumatic cardiopathies. Saveleva TV, et al. **Cor Vasa** 18(4):249–57, 1876

Comparative studies on coagulation activities in normal plasmas and their mixtures. Minger AM. **Eur J Pediatr** 123(3):215–24, 1 Oct 76

Studies on factor VIII activation potential in hemophilia A-plasma and its significance for the comprehension of hemophilia. Mingers AM. **Eur J Pediatr** 123(3):187–98, 1 Oct 76

Localization of factor VIII/Von Willebrand protein on platelets. Electron microscopy study with peroxidase-labelled antibodies. pp. 479–85. Jeanneau C, et al.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.

Estrogens and clotting factors. pp. 55–8. Ambrus JL.
In: van Keep PA, et al., ed. Consensus on menopause research. Lancaster, Eng., MTP, 1976. W3 IN667 1976c.

Haemostasis in hepatic disorders. Singh DS, et al. **J Assoc Physicians India** 24(1):13–8, Jan 76

Plasma heparin neutralizing activity in patients with valvular stenosis and prosthetic heart valves. Dana B, et al. **J Cardiovasc Surg (Torino)** 18(1):29–34, Jan–Feb 77

The nature of the interaction between ristocetin–Willebrand factor VIII coagulant activity molecule. Brockway WJ, et al. **J Lab Clin Med** 89(6):1295–1305, Jun 77

Plasma levels of specific coagulation factors and oestrogens in the bitch during pregnancy. Gentry PA, et al. **J Small Anim Pract** 18(4):267–75, Apr 77

Coagulation factors influencing thrombosis of aorta–coronary bypass grafts. Zajtchuk R, et al. **J Thorac Cardiovasc Surg** 73(2):309–11, Feb 77

Pathophysiological response of the blood coagulation system in acute glomerulonephritis. Alkjaersig NK, et al. **Kidney Int** 10(4):319–28, Oct 76

Vitamin-K deficiency in the newborn [letter] **Lancet** 2(8030):187–8, 23 Jul 77

Heparin-like inhibitor, not vitamin-K deficiency, in the newborn [letter]. van Doorm JM, et al. **Lancet** 1(8016):852–3, 16 Apr 77

Trousseau's syndrome and other manifestations of chronic disseminated coagulopathy in patients with neoplasms: clinical, pathophysiologic, and therapeutic features. Sack GH Jr, et al. **Medicine (Baltimore)** 56(1):1–37, Jan 77

Correlation of platelet aggregation, plasma factor activity, and megathrombocytes in diabetic subjects with an without vascular disease. Colwell JA, et al. **Metabolism** 26(3):279–85, Mar 77

Coagulation system changes in post-menopausal women receiving oestrogen preparations. Bonnar J, et al. **Postgrad Med J** 52 Suppl 6:30–6, 1976

Coagulation studies in C4-deficient guinea pigs. Dodds WJ, et al. **Proc Soc Exp Biol Med** 154(3):382–5, Mar 77

Disseminated intravascular coagulation in prostatic disease. Deutsch E. **Prog Clin Biol Res** 6:313–27, 1976

The trace components of plasma: an overview. Putnam FW. **Prog Clin Biol Res** 5:1–24, 1976

A method for measuring the unstable thromboxane A2: radioimmunoassay of the derived mono-O-methyl-thromboxane B2. Granström E, et al. **Prostaglandins** 12(6):929–41, Dec 76

Biosynthesis of thromboxane B2: assay, isolation, and properties of the enzyme system in human platelets. Ho PP, et al. **Prostaglandins** 12(6):951–70, Dec 76

Portal vein thrombosis in adults. Barr RD, et al. **S Afr Med J** 51(18):629–31, 30 Apr 77

The clinical significance of increased plasma levels of liver-synthesized coagulation factors in liver disease. Arnman R, et al. **Scand J Gastroenterol** 12(4):387–9, 1977

Hepatitis, type B in haemophiliacs. Relation to the source of clotting factor concentrates. Holsteen V, et al. **Scand J Haematol** 18(3):214–8, Mar 77

The relationship of coagulation factors to clinical complications of acute pancreatitis. Ranson JH, et al. **Surgery** 81(5):502–11, May 77

Plasma factor XIII and platelet factor XIII in hyperlipaemia. Cucuianu MP, et al. **Thromb Haemostas** 36(3):542–50, 31 Dec 76

The effects of therapy with oestriol succinate and ethinyl oestradiol on the haemostatic mechanism in post-menopausal women. Davies T, et al. **Thromb Haemostas** 35(2):403–14, 30 Apr 76

The clotting of a snake (Crotalus viridis Helleri) plasma and its interaction with various snake venoms. Denson KW. **Thromb Haemostas** 35(2):314–23, 30 Apr 76

A comparison of two methods for measurement of von Willebrand's factor (ristocetin cofactor) [letter]. Dowling SV, et al. **Thromb Haemostas** 36(1):284–5, 31 Aug 76

Half-life of platelet factor 4 (PF-4) in plasma and platelets from macaca mulatta. Gjesdal K, et al. **Thromb Haemostas** 37(1):73–80, 28 Feb 77

The influence of ethanol feeding on the activities of factors II, VII, VIII, IX and X in rats. Morland J, et al. **Thromb Haemostas** 36(3):532–6, 31 Dec 76

An inverse relation between platelet factor 4 in the platelet and in the plasma. O'Brien JR, et al. **Thromb Haemostas** 36(3):649–51, 31 Dec 76

The use of a macroscopic aggregation test for Von Willebrand factor as an indicator of endothelial damage [letter] Hargreaves LN, et al. **Thromb Res** 11(1):101–2, Jul 77

Hemorrhagic diathesis in Weber-Christian disease. Mori K, et al. **Tohuku J Exp Med** 118 Suppl:227–43, 1976

Haemostasis disorders in open heart surgery with extracorporeal circulation. Importance of the platelet function and the heparin neutralization. Moriau M, et al. **Vox Sang** 32(1):41–51, 1977

[Quantitative determination of Willebrand factor activity in Willebrand's disease] Buchvarova V, et al. **Vutr Boles** 15(3):92–4, 1976 (Eng. Abstr.) **(Bul)**

[Hemostatic disorders in septicemia. Apropos of 65 cases] Département d'Anesthésie-Réanimation, Groupe hospitalier La Timone - 13385 Marseille Cedex 4.. **Ann Anesthesiol Fr** 17(3):45–9, 1976 (Eng. Abstr.) **(Fre)**

[Study of hemostasis factors in nephrotic syndrome. Pathogenic interpretation and therapeutic deductions] Bernard D, et al. **Ann Med Interne (Paris)** 128(4):325–33, Apr 77 (Eng. Abstr.) **(Fre)**

[Reduction of Willebrand activity in patients with chronic kidney failure] Kazatchkine M, et al. **C R Acad Sci [D] (Paris)** 283(3):287–9, 19 Jul 76 (Eng. Abstr.) **(Fre)**

[Peculiarities of hemostasis in the term newborn infant] Leroy J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 5(6):767–81, Sep 76 (Eng. Abstr.) **(Fre)**

[Platelet aggregation and von Willebrand's factor in 32 insulin-dependent diabetics. Value of the measurement of filtration pressure in the presence of ADP] Prost-Dvojakovic RJ, et al. **Journ Annu Diabetol Hotel Dieu** :239–47, May 76 **(Fre)**

[Disorders of hemostasis during partial hepatectomies. Study of 20 cases] Conard J, et al. **Nouv Presse Med** 5(38):2519–23, 13 NOV 76 (Eng. Abstr.) **(Fre)**

[Fibrinolytic system disorders in the postoperative period] Hureau J, et al. **Nouv Presse Med** 5(43):2939–40, 18 Dec 76 **(Fre)**

[Methods of measurement of Willebrand activity on microtitration plates] Sultan Y, et al. **Nouv Presse Med** 6(1):44–6, Jan 77 **(Fre)**

Clinical and biological studies in the Bernard-Soulier syndrome (author's trans)] Tobelem G. **Nouv Rev Fr Hematol** 16(3):407–11, 1976 (Eng. Abstr.) **(Fre)**

[Synovial fluid. Review of international literature from 1972 to 1975 (author's transl)] de Médicis R, et al.

Pathol Biol (Paris) 24(9):641–56, Nov 76 (268 ref.) (Eng. Abstr.) **(Fre)**

[Hemostatic defects in acute myeloid leukemias of the adult. Physiopathology and therapy] Trobisch H, et al. **Dtsch Med Wochenschr** 101(39):1430–3, 24 Sep 76 **(Ger)**

[Blood coagulation activity and fibrinolysis in umbilical vein blood of healthy and asphyxiated newborn infants] Schander K, et al. **Fortschr Med** 95(22):1477–81, 9 Jun 77 (Eng. Abstr.) **(Ger)**

[Pathogenesis of hemorrhagic diatheses in monoclonal gammopathies] Deutsch E, et al. **Haematol Bluttransfus** 18:357–65, 1976 **(Ger)**

[New methods of coagulation analysis using chromogenic substrates] Witt I. **J Clin Chem Clin Biochem** 15(4):239–44, Apr 77 (Eng. Abstr.) **(Ger)**

[Effect of the heart–lung machine on blood coagulation] Schricker KT, et al. **Med Welt** 27(46):2232–9, 12 Nov 76 **(Ger)**

[The pathogenesis of postoperative abdominal wound dehiscence. Part II: Hemostasiological checks during the course in selected patient groups (author's transl)] Schramm W, et al. **Munch Med Wochenschr** 119(20):690–4, 20 May 77 (Eng. Abstr.) **(Ger)**

[Immunological determination of blood coagulation factors and their importance in the liver diagnosis] Breddin K, et al. **Z Gastroenterol [Verh]** (8):154–62, 1976 **(Ger)**

[A new system of analysis for partial thromboplastin time. Comparison with other blood coagulation tests in liver diseases] Pagliano FM, et al. **Arch Sci Med (Torino)** 133(4):321–5, Oct–Dec 76 (Eng. Abstr.) **(Ita)**

[Polycythemia vera in childhood. Data on platelet function and blood coagulation factors] Esposito L, et al. **Pediatria (Napoli)** 84(2):208–23, 30 Jun 76 (Eng. Abstr.) **(Ita)**

[Data on the behavior of hemopexin in acute leukemia in childhood in relation to the blood coagulation picture] Esposito L, et al. **Pediatria (Napoli)** 85(1):12–20, 31 Mar 1977 (Eng. Abstr.) **(Ita)**

[Studies of the disseminated intravascular syndrome in thalassemia major. Relations to the C3 and C4 complement fractions] Esposito L, et al. **Pediatria (Napoli)** 85(1):34–45, 31 Mar 1977 (Eng. Abstr.) **(Ita)**

[Significance of the inhibitors in disseminated intravascular coagulation syndrome and relationship among antithrombin III, platelet factor 4 and heparin (author's transl)] Sakuragawa N, et al. **Acta Haematol Jpn** 40(2):218–26, Apr 77 (Eng. Abstr.) **(Jpn)**

[Thrombotest and the level of some plasma factors in newborn infants] Witt C, et al. **Pediatr Pol** 52(5):483–8, May 77 (Eng. Abstr.) **(Pol)**

[Plasma viscosity and thrombelastogram and some blood clotting factors in patients with atherosclerosis] Turczynski B, et al. **Pol Tyg Lek** 31(35):1509–12, 30 Aug 76 (Eng. Abstr.) **(Pol)**

[Clotting and anticlotting properties of rabbit oviduct tissues in experimental salpingitis] Nazarov VG, et al. **Akush Ginekol (Mosk)** (4):52–5, Apr 76 (Eng. Abstr.) **(Rus)**

[Effect of intravenous infusions of thrombin and heterogenous blood on lymph coagulability] Kuznik BI, et al. **Fiziol Zh SSSR** 62(10):1460–5, Oct 76 (Eng. Abstr.) **(Rus)**

[Coagulologic characteristics of different stages of chronic circulatory insufficiency in atherosclerotic cardiosclerosis] Gritsiuk AI, et al. **Kardiologiia** 16(12):25–32, Dec 76 (Eng. Abstr.) **(Rus)**

[Concentration of antithrombin III, fibrinogen, its degradation products, soluble fibrin in the blood and components of fibrinolytic system in the urine of patients with ischemic heart disease] Panchenko VM, et al. **Klin Med (Mosk)** 55(1):25–31, 1977 (Eng. Abstr.) **(Rus)**

[Indices of fibrinolysis and hemostasis in chronic pyelonephritis] Andreenko GV, et al. **Lab Delo** (3):139–43, 1977 (Eng. Abstr.) **(Rus)**

[Coagulation properties of pleural exudates] Chepcheruk GS. **Lab Delo** (3):144–7, 1977 (Eng. Abstr.) **(Rus)**

[Blood coagulation and fibrinolytic factors in the saliva of patients with mandibular fractures] Pinelis IS. **Stomatologiia (Mosk)** 55(3):42–4, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Clotting factors in the blood and saliva in experimentally reproduced acute inflammation of the parotid gland] Sakharov IuK. **Stomatologiia (Mosk)** 56(1):20–2, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Transfusion of newly stored blood] Buglov ED, et al. **Vestn Khir** 117(8):96–8, Aug 76 (Eng. Abstr.) **(Rus)**

[Correlation between products of fibrin degradation and platelet dysfunction in chronic renal failure. Effects of aspirin] Lazzari MA, et al. **Medicina (B Aires)** 37(2):97–105, Mar–Apr 77 (Eng. Abstr.) **(Spa)**

[Normal values of platelet aggregation in a Mexican population (author's transl)] Anaya R, et al. **Rev Invest Clin** 29(2):127–35, Apr–Jun 77 **(Spa)**

[Mechanism of isolating blood clotting factors from erythrocytes under the influence of adrenaline] Mishchenko VP, et al. **Fiziol Zh** 23(2):253–5, 1977 **(Ukr)**

ANTAGONISTS & INHIBITORS

Current dilemmas in the clinical use of heparin. Wessler S. **Fed Proc** 36(1):66–9, Jan 77

BIOSYNTHESIS

Activation of platelets by platelet activating factor (PAF) derived from IgE-sensitized basophils. IV. PAF does not activate platelet factor 3 (PF3). Henson PM, et al. **Br J Haematol** 34(2):269–82, Oct 76

Anatomy and physiology of the liver in relation to clinical assessment. Pierce L. **Nurs Clin North Am** 12(2):259–73, Jun 77

Effect of a piutitary peptide on liver tissue respiration. Landaburu RH, et al. **Proc Soc Exp Biol Med** 155(3):377–81, Jul 77

A method for measuring the unstable thromboxane A2: radioimmunoassay of the derived mono-O-methyl-thromboxane B2. Granström E, et al. **Prostaglandins** 12(6):929–41, Dec 76

Biosynthesis of thromboxane B2: assay, isolation, and properties of the enzyme system in human platelets. Ho PP, et al. **Prostaglandins** 12(6):951–70, Dec 76

Thromboxane A2 and prostaglandin H2: potent stimulators of the swine coronary artery. Svensson J, et al. **Prostaglandins** 12(6):943–50, Dec 76

Infusion of human and canine factor VIII in dogs with von Willebrand's disease: studies of the von Willebrand and factor VIII synthesis stimulating factors. Bouma BN, et al. **Scand J Haematol** 17(4):263–75, Oct 76

[Hepatic failure and disorders of coagulation (author's transl)] Ohler WG. **Leber Magen Darm** 7(4):270–6, Aug 77 (Eng. Abstr.) **(Ger)**

[Various aspects of blood coagulation in thalassemia major] Esposito L, et al. **Pediatria (Napoli)** 84(3):432–40, 30 SEP 76 (Eng. Abstr.) **(Ita)**

[Mediators of inflammation] Fantini F. **Reumatismo** 28(2):71–105, Apr–Jun 77 (98 ref.) (Eng. Abstr.) **(Ita)**

IMMUNOLOGY

Immunologic characterization of canine factor VIII. Benson RE, et al. **Blood** 48(4):521–9, Oct 76

Clotting factors and platelets. Immunofluorescence evidence that fibrinogen and factor VIII are present in human washed platelets, whereas prothrombin complex factors and factor XIII are lacking. Betterle C, et al. **Haemostasis** 6(3):171–9, 1977

ISOLATION & PURIFICATION

The isolation of a new warfarin-sensitive protein from bovine plasma. Prowse CV, et al. **Biochem Soc Trans** 5(1):255–6, 1977

Studies on the chemistry of human platelet factor 4. Morgan FJ, et al. **Haemostasis** 6(1):53–8, 1977

Isolation, crystallization, and primary amino acid sequence of human platelet factor 4. Hermodson M, et al. **J Biol Chem** 252(18):6276–9, 25 Sep 77

Studies on Limulus amoebocyte lysate. Isolation of pro-clotting enzyme. Tai JY, et al. **J Biol Chem** 252(7):2178–81, 10 Apr 77

Stabilization of factor VIII in plasma by the von Willebrand factor. Studies on posttransfusion and dissociated factor VIII and in patients with von Willebrand's disease. Weiss HJ, et al. **J Clin Invest** 60(2):390–404, Aug 77

Specific antisera produced by immunization with precipitin lines. Kroll J, et al. **J Immunol Methods** 13(2):125–30, 1976

Purification of porcine and human ristocetin-Willebrand factor. Olson JD, et al. **J Lab Clin Med** 89(6):1278–94, Jun 77

Purification and characterization of tissue factor apoprotein. Pitlick FA, et al. **Methods Enzymol** 45:37–48, 1976

Biosynthesis of thromboxane B2: assay, isolation, and properties of the enzyme system in human platelets. Ho PP, et al. **Prostaglandins** 12(6):951–70, Dec 76

Degradation of purified factor VIII by endogenous contaminating enzymes. Furlan M, et al. **Thromb Res** 10(1):153–8, Jan 77

METABOLISM

Refractory coagulopathy in an infant with loss of clotting proteins into ascitic fluid. Johnson CA, et al. **Acta Paediatr Scand** 65(6):773–5, Nov 76

The endothelium: roles in thrombosis and hemostasis Mason RG, et al. **Arch Pathol Lab Med** 101(2):61–4, Feb 77 (96 ref.)

The isolation of a new warfarin-sensitive protein from bovine plasma. Prowse CV, et al. **Biochem Soc Trans** 5(1):255–6, 1977

Activation of platelets by platelet activating factor (PAF) derived from IgE-sensitized basophils. IV. PAF does not activate platelet factor 3 (PF3). Henson PM, et al. **Br J Haematol** 34(2):269–82, Oct 76

Lack of platelet factor-3 activation after incubation of platelet-rich plasma with kaolin in the rat. Clerck FD, et al. **Experientia** 32(12):1602–3, 15 Dec 76

Studies on Limulus amoebocyte lysate. Isolation of pro-clotting enzyme. Tai JY, et al. **J Biol Chem** 252(7):2178–81, 10 Apr 77

Dysfibrinogenemia associated with liver disease. Palascak JE, et al. **J Clin Invest** 60(1):89–95, Jul 77

Effect of warfarin on the kinetics of the vitamin K-dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

Role of proteolytic enzymes in biological regulation (a review). Neurath H, et al. **Proc Natl Acad Sci USA** 73(11):3825–32, Nov 76

Protection of rats by phospholipase C from Bacillus cereus against the effects of intravenous infusions of purified tissue thromboplastin. Giercksky KE, et al. **Scand J Haematol** 17(4):305–11, Oct 76

Biochemical tests for hepatobiliary disease. Rosoff L Jr, et al. **Surg Clin North Am** 57(2):257–73, Apr 77 (35 ref.)

Report of the working party on platelets. Platelet factor 4 (PF4), Platelet protein with heparin neutralizing activity. Niewiarowski S. **Thromb Haemostas** 36(1):273–6, 31 Aug 76

Characteristics and thrombogenicity of prothrombin complex concentrates. Sakuragawa N, et al. **Thromb Res** 10(2):315–8, Feb 77

Effect of exercise on F VIII-complex: proportional increase of ristocetin cofactor (Von Willebrand factor) and F VIII-AGN, but disproportional increase of F VIII-AHF. Stibbe J. **Thromb Res** 10(1):163–8, Jan 77

[Hemostatic properties of tissues of the gastrointestinal tract in thyrotoxicosis and during parenterl nitrogenous feeding] Glants RM, et al. **Fiziol Zh SSSR** 62(9):1361–7, SEP 76 (Eng. Abstr.) **(Rus)**

[Effect of intravenous infusions of thrombin and heterogenous blood on lymph coagulability] Kuznik BI, et al. **Fiziol Zh SSSR** 62(10):1460–5, Oct 76 (Eng. Abstr.) **(Rus)**

[Complement system. Structure, function and means' of inhibition] Ivanov. AA. **Usp Sovrem Biol** 83(2):251–64, Mar–Apr 77 (130 ref.) **(Rus)**

PHARMACODYNAMICS

The induction of macrophage spreading: role of coagulation factors and the complement system. Bianco C, et al. **J Exp Med** 144(6):1531–44, 1 Dec 76

Interaction of ristocetin and von Willebrand factor [letter]. Jenkins CS, et al. **Thromb Haemostas** 35(3):752–3, 30 Jun 76

PHYSIOLOGY

Relase of retraction stimulating factor (RSF) during platelet dependent retraction of reptilase clots. Klener P, et al. **Acta Univ Carol [Med] (Praha)** 22(1–2):3–8, 1976

Acute inflammation. A review. Ryan GB, et al. **Am J Pathol** 86(1):183–276, Jan 77 (572 ref.)

Platelet function. Barrer MJ, et al. **Anesthesiology** 46(3):202–11, Mar 77

Lipid A as the biologically active moiety in bacterial endotoxin (LPS)-initiated generation of procoagulant activity by peripheral blood leukocytes. Niemetz J, et al. **Blood** 49(6):947–56, Jun 77

Studies of von Willebrand factor: effects of different kinds of carbohydrate oxidases, SH-inhibitors and some other chemical reagents. Fukui H, et al. **Br J Haematol** 36(2):259–70, Jun 77

Coagulation, oestrogen and the menopause. Notelovitz M. **Clin Obstet Gynaecol** 4(1):107–28, Apr 77

Relationship of sialic acid to function and in vivo survival of human factor VIII/von Willebrand factor protein. Sodetz JM, et al. **J Biol Chem** 252(15):5538–46, 10 Aug 77

Activation of rabbit platelets by platelet-activating factor derived from IgE-sensitized basophils. Characteristics of the aggregation and its dissociation from secretion. Henson PM. **J Clin Invest** 60(2):481–90, Aug 77

Some effects of calcium on the activation of human factor VIII/Von Willebrand factor protein by thrombin. Switzer ME, et al. **J Clin Invest** 60(4):819–28, Oct 77

Effect of warfarin on the kinetics of the vitamin K-dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

Purification and characterization of tissue factor apoprotein. Pitlick FA, et al. **Methods Enzymol** 45:37–48, 1976

Heparin-like inhibitor of blood coagulation in normal newborn. Muller AD, et al. **Nature** 267(5612):616–7, 16 Jun 77

Mechanisms of thrombotic disease. Paton RC, et al. **Pathobiol Annu** 6:59–93, 1976 (332 ref.)

The blood clotting mechanism. Esnouf MP. **Prog Clin Biol Res** 5:69–84, 1976 (105 ref.)

The trace components of plasma: an overview. Putnam FW. **Prog Clin Biol Res** 5:1–24, 1976

Coagulation, fibrinolysis and venous thrombosis. Nilsson IM. **Triangle** 16(1):19–27, 1977 (76 ref.)

Role of platelets in hemostasis and thrombosis. Rodvien R, et al. **West J Med** 125(3):181–6, Sep 76

[Direct action of extracorporeal circulation on platelets and coagulation factors] Baille Y, et al. **Ann Anesthesiol Fr** 18(1):43–50, 1977 (Eng. Abstr.) **(Fre)**

[Coagulation deficits and hemorrhagic consequences after cardiac surgery under ECC] Belleville J, et al. **Ann Anesthesiol Fr** 18(1):51–61, 1977 (Eng. Abstr.) **(Fre)**

[Hemolymph coagulation in Macropipus puber (L.) Crustacea Decapoda. Respective roles of hemolymph and plasma] Ghidalia W, et al. **C R Acad Sci [D] (Paris)** 284(1):69–72, 3 Jan 77 (Eng. Abstr.) **(Fre)**

[Von Willebrand factor activity and thrombophilic states. A review (author's transl)] Boneu B, et al. **Pathol Biol (Paris)** 24 Suppl:48–53, Dec 76 (35 ref.) (Eng. Abstr.) **(Fre)**

[The role of thrombosis in renal allograft rejection (author's transl)]. Kazatchkine M, et al. **Pathol Biol (Paris)** 24(7):497–508, Sep 76 (168 ref.) (Eng. Abstr.) **(Fre)**

[Significance of the cephalin-kaolin coagulation time in surgical odontology] Vialatel C, et al. **Rev Odontostomatol (Paris)** 5(5):341–4, Sep–Oct 76 **(Fre)**

[The synergistic effect of humoral factors, extracellular matrix and cells in wound healing] HORMANN H, et al. **Fortschr Med** 95(19):1299–304, 19 May 77 (Eng. Abstr.) **(Ger)**

[Esteroproteinases in the pathophysiology of hypertension] Haberland GL. **Med Welt** 28(8):369–73, 25 Feb 77 **(Ger)**

[Mechanism of action of coumarin anti-coagulants (author's transl)] Martius F. **Ther Umsch** 34(5):329–33, May 77 (Eng. Abstr.) **(Ger)**

[Hemocoagulant properties of the mucous membrane of the gastrointestinal tract] Skipetrov VP, et al. **Klin Khir** (5):44–7, May 76 **(Rus)**

[Coagulating and fibrinolytic activity of the saliva and its role in the physiology and pathology of the oral cavity] Kuznik BI, et al. **Stomatologiia (Mosk)** 55(4):90–4, Jul–Aug 76 **(Rus)**

[Role of tissue factors of blood coagulation in the pathogenesis of thrombohemorrhagic complications in diffuse glomerulonephritis] Sokratov NV, et al. **Urol Nefrol (Mosk)** (4):15–9, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Importance of the kidneys in regulating blood coagulation and fibrinolysis] Sokratov NV, et al. **Urol Nefrol (Mosk)** (4):80–5, Jul–Aug 77 **(Rus)**

SECRETION

Release of platelet factor 4 (PF4) measured by a polybrene assay in response to in vitro platelet damage. Levine SP, et al. **Thromb Res** 10(1):1–10, Jan 77

[Clotting factors and the process of cellular excitation] Rusiaev VF, et al. **Usp Fiziol Nauk** 8(2):94–111, Apr–May 77 **(Rus)**

THERAPEUTIC USE

Bleeding from self-administration of phenindione: a detailed case study. Gover PA, et al. **Br J Haematol** 33(4):551–64, Aug 76

[Tonsillectomy in patients with bleeding disorders] Gastpar H. **Fortschr Med** 95(19):1277–80, 19 May 77 (Eng. Abstr.) **(Ger)**

[Hepatic failure and disorders of coagulation (author's transl)] Ohler WG. **Leber Magen Darm** 7(4):270–6, Aug 77 (Eng. Abstr.) **(Ger)**

[Blood coagulation and its disorders in portal hypertension] Lasch HG. **Verh Dtsch Ges Inn Med** 82 Pt 1:190–8, 1976 **(Ger)**

[Blood coagulation in newborns (author's transl)] Verron G, et al. **Zentralbl Chir** 101(26):1601–6, 1976 (Eng. Abstr.) **(Ger)**

URINE

[Influence of the vagus nerve on renal excretion of blood coagulating substances in the presence of adrenergic receptor blockades] Sokratov NV, et al. **Fiziol Zh SSSR** 62(10):1542–5, Oct 76 **(Rus)**

BLOOD COAGULATION TESTS

The lack of detectable immune complexes in rat anaphylaxis. Fésüs L, et al. **Acta Allergol (Kbh)** 31(6):419–27, Dec 76

Sensitization of stabilized fibrin to urea dispersion by undiluted plasma and serum. de Cataldo F, et al. **Acta Haematol (Basel)** 58(2):79–83, 1977

Circulating anticoagulant against Factor XII and platelet antibodies in systemic lupus erythematosus. Gandolfo GM, et al. **Acta Haematol (Basel)** 57(3):135–42, 1977

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)

Platelet functions in patients with aortic ball valves. Dale J, et al. **Am Heart J** 94(3):359–66, Sep 77

Complement consumption in acute disseminated intravascular coagulation without antecedent immunopathology. Branson HE, et al. **Am J Clin Pathol** 66(6):967–75, Dec 76

Fibrinogen Seattle: a qualitatively abnormal fibrinogen in a patient with tetralogy of Fallot. Branson HE, et al. **Am J Clin Pathol** 67(3):236–40, Mar 77

Normotest--thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex and in coumarin-treated patients: a nonspecific phenomenon. Girolami A, et al. **Am J Clin Pathol** 67(1):57–60, Jan 77

Progress report: the activated coagulation time of whole blood (ACT). Hattersley PG. **Am J Clin Pathol** 66(5):899–904, Nov 76

Antithrombin III and Factor VIII in patients with neoplasms. Losito R, et al. **Am J Clin Pathol** 68(2):258–62, Aug 77

Thromboembolism in Hageman trait. McPherson RA. **Am J Clin Pathol** 68(3):420–3, Sep 77

von Willebrand's disease and hemorrhagic telangiectasia: association of two complex disorders of hemostasis resulting in life-threatening hemorrhage. Ahr DJ, et al. **Am J Med** 62(3):452–8, Mar 77

Acute coagulopathy following infusion of prothrombin complex concentrate. Davey RJ, et al. **Am J Med** 60(5):719–22, 10 May 76

Chronic intravascular coagulation associated with chronic myelocytic leukemia. Use of heparin in connection with a surgical procedure. German HJ, et al. **Am J Med** 61(4):547–52, Oct 76

Clinical and physiologic studies of two siblings with prekallikrein (Fletcher factor) deficiency. Hathaway WE, et al. **Am J Med** 60(5):654–64, 10 May 76

Adult Niemann-Pick disease: its relationship to the syndrome of the sea-blue histiocyte. Long RG, et al. **Am J Med** 62(4):627–35, Apr 77

Coagulation studies of viral hepatitis occurring during pregnancy. Adams WH, et al. **Am J Med Sci** 272(2):139–45, Sep-Oct 76

Coagulation and fibrinolysis in molar pregnancy. López-Llera M, et al. **Am J Obstet Gynecol** 127(8):855–60, 15 Apr 77

Spontaneous hyphema associated with ingestion of aspirin and ethanol. Kageler WV, et al. **Am J Ophthalmol** 82(4):631–4, Oct 76

Detection and management of hypercoagulability. Collins GJ Jr, et al. **Am J Surg** 132(6):767–70, Dec 76

The effects of operative stress on the coagulation profile. Collins GJ Jr, et al. **Am J Surg** 133(5):612–6, May 77

Pitfalls in peripheral vascular surgery: Disseminated intravascular coagulation. Collins GJ Jr, et al. **Am J Surg** 134(3):375–80, Sep 77

Coagulation factor XIIa (activated Hageman factor) inhibitor from adult Schistosoma mansoni. Tsang VC, et al. **Am J Trop Med Hyg** 26(2):243–7, Mar 77

Feline factor XII (Hageman) deficiency. Green RA, et al. **Am J Vet Res** 38(6):893–5, Jun 77

Acquired coagulation factor X activity deficiency connected with Hymenoxys odorata DC (Compositae), bitterweed poisoning in sheep. Steel EG, et al. **Am J Vet Res** 37(12):1383–6, Dec 76

Platelet function. Barrer MJ, et al. **Anesthesiology** 46(3):202–11, Mar 77

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)

Ibuprofen (motrin) hypersensitivity in intrinsic and extrinsic allergic patients. Fisherman EW, et al. **Ann Allergy** 37(5):353–6, Nov 76

A vascular test to detect iodide hypersensitivity (intolerance). Fisherman EW, et al. **Ann Allergy** 38(3):163–8, Mar 77

A study of disseminated intravascular coagulation with the ethanol gelation test in severely injured patients. Avikainen V. **Ann Chir Gynaecol** 66(2):82–6, 1977

Adenosine diphosphate-induced platelet aggregation in the states of hypercoagulability. Wang TY, et al. **Ann Clin Lab Sci** 7(2):152–7, Mar-Apr 77

Tissue factor activity of rabbit peritoneal macrophages: influence of immune stimulation. Béguin S, et al. **Ann Immunol (Paris)** 128C(4–5):785–98, Jul-Oct 77

Sickle cell trait and hematuria associated with von Willebrand syndromes. Brody JI, et al. **Ann Intern Med** 86(5):529–33, May 77

Intravascular coagulation in fresh-water submersion: report of three cases. Ports TA, et al. **Ann Intern Med** 87(1):60–1, Jul 77

Control of heparinization by activated clotting time during bypass with improved postoperative hemostasis. Verska JJ. **Ann Thorac Surg** 24(2):170–3, Aug 77

Platelet function, blood coagulability, and fibrinolysis in patients with low tension glaucoma. Joist JH, et al. **Arch Ophthalmol** 94(11):1893–5, Nov 76

Postoperative treatment of patients after liver resection for trauma: a follow-up study. Lim RC Jr, et al. **Arch Surg** 112(4):429–35, Apr 77

The lupus anticoagulant. Boxer M, et al. **Arthritis Rheum** 19(6):1244–8, Nov-Dec 76

Coagulation abnormalities in rheumatoid disease. Conn DL, et al. **Arthritis Rheum** 19(6):1237–43, Nov-Dec 76

In vitro effects of bencyclan on coagulation, fibrinolysis and platelet function. Ponari O, et al. **Arzneim Forsch** 26(8):1532–8, 1976

Short-term effect of coffee on blood fibrinolytic activity in healthy adults. Samarrae WA, et al. **Atherosclerosis** 26(2):255–60, Feb 77

Hypocalcemia and bleeding disorders in a uremic patient. Recalcati P, et al. **Atti Accad Med Lomb** 30(1–3):91–8, 1975 (Eng. Abstr.)

Lindholm blood coagulation test values of some glow-discharge polymer surfaces. Yasuda H, et al. **Biomater Med Devices Artif Organs** 4(3–4):307–21, 1976

The activation of prothrombin complex concentrates by calcium in vitro. Exner T, et al. **Biomedicine [Express]** 27(2):62–5, Mar 77

Unique pattern of fibrinogen cleavage by human leukocyte proteases. Bilezikian SB, et al. **Blood** 50(1):21–8, Jul 77

Relationship between the anticoagulant and antithrombotic effects of heparin in experimental venous thrombosis. Chiu HM, et al. **Blood** 49(2):171–84, Feb 77

Hemophilia B: characterization of genetic variants and detection of carriers. Kasper CK, et al. **Blood** 50(3):351–66, Sep 77

Techniques for demonstration of the specificity of circulating anticoagulants against antihemophilic factor (factor VIII), with studies of two cases possibly related to diphenylhydantoin therapy. Poon MC, et al. **Blood** 49(3):477–82, Mar 77

Plasma thromboplastin antecedent (PTA, factor XI): a specific and sensitive radioimmunoassay. Saito H, et al. **Blood** 50(3):377–85, Sep 77

A clinical study of the lupus anticoagulant. Schleider MA, et al. **Blood** 48(4):499–509, Oct 76

Demonstration and mode of action of an inhibitor for activated Hageman factor (factor XIIa) of the intrinsic blood coagulation pathway from Schistosoma mansoni. Tsang VC, et al. **Blood** 49(4):619–33, Apr 77

Effect of propranolol on platelet function. Weksler BB, et al. **Blood** 49(2):185–96, Feb 77

Prothrombin complex concentrates: potentially thrombogenic materials and clues to the mechanism of thrombosis in vivo. White GC 2d, et al. **Blood** 49(2):159–70, Feb 77

Fibrinogen Marburg a new genetic variant of fibrinogen. Fuchs G, et al. **Blut** 34(2):107–18, Feb 77

Decrease of normotest/thrombotest discrepancy in non-contacted coumarin plasma after glass or ellagic acid activation. Girolami A, et al. **Blut** 33(1):41–8, Jul 76

Lack of inhibition of ellagic acid induced hypercoagulable state and lack of thrombosis in the dog after PAMBA administration. Girolami A, et al. **Blut** 34(5):363–70, May 77

Detection of carriers of hemophilia by hemorrhagometry. Jesdinsky-Buscher C, et al. **Blut** 33(2):83-8, Aug 76

Congenital dysfibrinogenemias: molecular abnormalities of fibrinogen. Mammen EF. **Blut** 33(4):229-34, Oct 76

Spectrum of von Willebrand's Disease: a study of 100 cases. Italian Working Group. **Br J Haematol** 35(1):101-12, Jan 77

Bleeding from self-administration of phenindione: a detailed case study. Gover PA, et al. **Br J Haematol** 33(4):551-64, Aug 76

Abnormal fibrin polymerization in liver disease. Green G, et al. **Br J Haematol** 34(3):427-39, Nov 76

Impairment by heparin of primary haemostasis and platelet [14C]5-hydroxytryptamine release. Heiden D, et al. **Br J Haematol** 36(3):427-36, Jul 77

Activation of platelets by platelet activating factor (PAF) derived from IgE-sensitized basophils. IV. PAF does not activate platelet factor 3 (PF3). Henson PM, et al. **Br J Haematol** 34(2):269-82, Oct 76

Acquired dysfibrinogenaemia in acute and chronic liver disease. Lane DA, et al. **Br J Haematol** 35(2):301-8, Feb 77

Utilization of a new strength citrate anticoagulant during centrifugal plateletpheresis. I. Assessment of donor effects. Mishler JM, et al. **Br J Haematol** 34(3):387-94, Nov 76

Clinical experience with transfusion of cryopreserved platelets. Schiffer CA, et al. **Br J Haematol** 34(3):377-85, Nov 76

Evidence that washed human platelets possess factor-X activator activity. Semeraro N, et al. **Br J Haematol** 36(1):107-15, May 77

Preparation and storage of platelet concentrates. II. Storage variables influencing platelet viability and function. Slichter SJ, et al. **Br J Haematol** 34(3):403-19, Nov 76

Acquired von Willebrand syndrome with inhibitors both to factor VIII clotting activity and ristocetin-induced platelet aggregation. Stableforth P, et al. **Br J Haematol** 33(4):565-73, Aug 76

Correlation between thromboplastic activity and lecithin/sphingomyelin ratio in amniotic fluid preliminary report. Yaffe H, et al. **Br J Obstet Gynaecol** 84(5):354-6, May 77

Platelet function tests during major operation for gastro-intestinal carcinoma. Kokores JA, et al. **Br J Surg** 64(2):147-9, Feb 77

Successful treatment with prothrombin complex concentrate of postoperative bleeding in a haemophiliac with a factor VIII inhibitor. Lowe GD, et al. **Br Med J** 2(6044):1110-1, 6 Nov 76

Detection of the carrier of haemophilia [letter]. Suter AH, et al. **Br Med J** 1(6062):708-9, 12 Mar 77

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595-617, Oct 72 (18 ref.)

Renal vein thrombosis in infancy and childhood: a contemporary survey. Belman AB. **Clin Pediatr (Phila)** 15(11):1033-44, Nov 76

Comparative hematology--studies on Camelidae. Lewis JH. **Comp Biochem Physiol [A]** 55(4A):367-71, 1976

Coagulability of arterial and venous blood in healthy subjects, patients with coronary atherosclerosis, and patients with rheumatic cardiopathies. Saveleva TV, et al. **Cor Vasa** 18(4):249-57, 1876

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239-54, Apr 77 (62 ref.)

Equivalency of two lots of heparin and their effects on various coagulation tests. Heinrich RA, et al. **Curr Ther Res** 20(5):725-34, Nov 76

Coagulation tests help stop dental chair emergencies. Jenkins RS. **Dent Stud** 54(5):54-5, Feb 76

Individual variation in the response to phenprocoumon. Husted S, et al. **Eur J Clin Pharmacol** 11(5):351-8, 1977

Studies on factor VIII activation potential in hemophilia A-plasma and its significance for the comprehension of hemophilia. Mingers AM. **Eur J Pediatr** 123(3):187-98, 1 Oct 76

Lack of platelet factor-3 activation after incubation of platelet-rich plasma with kaolin in the rat. Clerck FD, et al. **Experientia** 32(12):1602-3, 15 Dec 76

Nephelometric study of the clotting of blood plasma (fibrinogen-fibrin phase) by patients with delirium tremens and chronic alcoholics. Tarâlov S, et al. **Folia Med (Plovdiv)** 18(2):171-6, 1976

Tranexamic acid and upper gastrointestinal haemorrhage--a double-blind trial. Biggs JC, et al. **Gut** 17(9):729-34, Sep 76

Functional renal failure and haemorrhagic gastritis associated with endotoxaemia in cirrhosis. Clemente C, et al. **Gut** 18(7):556-60, Jul 77

Abnormal platelet function by acquired circulating factor VIII inhibitor in a patient with systemic lupus erythematosus. Cortellaro M, et al. **Haematologica (Pavia)** 62(3):241-9, Jun 77

Qualitative changes in fibrinogen following exposure to agents used for preparation of fibrin monomers. Brosstad F, et al. **Haemostasis** 6(3):149-56, 1977

Ditazole and platelets. I. Effect of ditazole on human platelet function in vitro. De Gaetano G, et al. **Haemostasis** 6(2):127-36, 1977

Ditazole and platelets. II. Effect of ditazole on in vivo platelet aggregation and bleeding time in rats. De Gaetano G, et al. **Haemostasis** 6(3):190-6, 1977

Impaired fibrin formation in advanced cirrhosis. Dettori AG, et al. **Haemostasis** 6(2):137-48, 1977

Coagulation defect in experimental trypanosomial infection. Essien EM, et al. **Haemostasis** 5(6):341-7, 1976

Factor VIII deficient plasma for laboratory tests prepared from normal plasma and a human antibody. Exner T, et al. **Haemostasis** 6(3):157-62, 1977

Treatment of thrombosis by sequential therapy with ancrod followed by streptokinase. Clinical pharmacology and rheology. Forbes CD, et al. **Haemostasis** 5(6):348-54, 1976

Changes in coagulation factors following acute myocardial infarction in man. Rennie JA, et al. **Haemostasis** 5(4):258-64, 1976

Determination of tissue thromboplastin activity. Wijngaards G, et al. **Haemostasis** 6(2):89-97, 1977

Coagulation studies in chronic active hepatitis. pp. 49-53. Coccheri S, et al.
In: Gentilini P, et al., ed. Chronic hepatitis. Basel, Karger, 1976. WI 703 I58c 1975.

Role of platelets in hemostasis and thrombosis. pp. 23-37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)

Use of newer platelet function tests to define abnormalities of hemostasis and thrombosis. pp. 81-8. Hoak JC, et al.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Platelets: the last hundred years. pp. 5-22. Mielke CH Jr.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Aspirin revisited. pp. 141-50. Rodvien R, et al.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (53 ref.)

Activation and consumption of Hageman factor in the anaphylactic shock of the rat. Fésüs L, et al. **Int Arch Allergy Appl Immunol** 51(4):496-507, 1976

Human coagulation abnormalities during acute exposure to hypobaric hypoxia. Maher JT, et al. **J Appl Physiol** 41(5 Pt. 1):702-7, Nov 76

Flaujeac factor deficiency. Reconstitution with highly purified bovine high molecular weight-kininogen and delineation of a new permeability-enhancing peptide released by plasma kallikrein from bovine high molecular weight-kininogen. Matheson RT, et al. **J Clin Invest** 58(6):1395-406, Dec 76

Dysfibrinogenemia associated with liver disease. Palascak JE, et al. **J Clin Invest** 60(1):89-95, Jul 77

Factor IX antigen by radioimmunoassay. Abnormal factor IX protein in patients on warfarin therapy and with hemophilia B. Thompson AR. **J Clin Invest** 59(5):900-10, May 77

Activation of factor XII by tobacco glycoprotein. Becker CG, et al. **J Exp Med** 146(2):457-67, 1 Aug 77

Hepatitis A. Kelly JR. **J Fam Pract** 4(5):837-40, May 77

Clinical laboratory studies for the podiatric surgical patient. Arden SH. **J Foot Surg** 15(4):156-8, Winter 76

Coagulopathy in experimental sepsis with Streptococcus pneumoniae in rabbits: effect of drug therapy and splenectomy. Guckian JC. **J Infect Dis** 134(2):150-7, Aug 76

Antithrombin functional activity after a fatty meal in normal subjects, familial hyperlipidemia, and nephrotic syndrome. Gomperts ED, et al. **J Lab Clin Med** 90(3):529-35, Sep 77

The platelet factor 3 immunoinjury technique re-evaluated. Development of a rapid test for antiplatelet antibody. Detection in various clinical disorders, including immunologic drug-induced and neonatal thrombocytopenias. Karpatkin M, et al. **J Lab Clin Med** 89(2):400-8, Feb 77

Functional and metabolic properties of human asialofibrinogen. Martinez J, et al. **J Lab Clin Med** 89(2):367-77, Feb 77

Purification of porcine and human ristocetin-Willebrand factor. Olson JD, et al. **J Lab Clin Med** 89(6):1278–94, Jun 77

Action of Trimeresurus erythrusus and Trimeresurus popeorum venom on blood coagulation. Talalak P. **J Med Assoc Thai** 60(1):9–18, Jan 77

Effect of high cholesterol diet on platelet aggregation in guinea pigs. Yoshida K, et al. **J Nutr Sci Vitaminol (Tokyo)** 23(2):101–13, 1977

Severe coagulation abnormalities in Reye syndrome. Pegelow C, et al. **J Pediatr** 91(3):413–6, Sep 77

New neonatal problems of blood coagulation and fibrinolysis. II. Thromboplastic effect of amniotic fluid and its relation to lung maturity. Suzuki S, et al. **J Perinat Med** 4(4):221–6, 1976

Stereoselective drug distribution and anticoagulant potency of the enantiomers of phenprocoumon in rats. Schmidt W, et al. **J Pharm Pharmacol** 29(5):266–71, May 77

Hematologic changes following burns. Caprini JA, et al. **J Surg Res** 22(6):626–35, Jun 77

Membrane oxygenation in baboons without anticoagulants. Fletcher JR, et al. **J Surg Res** 22(3):273–80, Mar 77

Thrombolysis of acute or subacute nonembolic arterial thrombosis. Reichle FA, et al. **J Surg Res** 22(3):202–8, Mar 77

Monitoring of intraoperative heparinization and blood loss following cardiopulmonary bypass surgery. Babka R, et al. **J Thorac Cardiovasc Surg** 73(5):780–2, May 77

Individual responses to heparinization for extracorporeal circulation. Friesen RH, et al. **J Thorac Cardiovasc Surg** 72(6):875–9, Dec 76

Autologous blood transfusion during cardiac surgery. A re-evaluation of three methods. Kaplan JA, et al. **J Thorac Cardiovasc Surg** 74(1):4–10, Jul 77

Effects of infusion of cardiotomy suction blood during extracorporeal circulation for coronary artery bypass surgery. Okies JE, et al. **J Thorac Cardiovasc Surg** 74(3):440–4, Sep 77

Effects of aspartame in young persons during weight reduction. Knopp RH, et al. **J Toxicol Environ Health** 2(2):417–28, Nov 76

Antihemophilic factor concentrate therapy in von Willebrand disease. Dissociation of bleeding-time factor and ristocetin-cofactor activities. Blatt PM, et al. **JAMA** 236(24):2770–2, 13 Dec 76

The activated partial thromboplastin time as a monitor of heparin therapy: a warning. Makary AZ, et al. **Johns Hopkins Med J** 140(6):311–5, Jun 77

Pathophysiological response of the blood coagulation system in acute glomerulonephritis. Alkjaersig NK, et al. **Kidney Int** 10(4):319–28, Oct 76

The procoagulant activity of human granulocytes, lymphocytes and monocytes stimulated by endotoxin. Coagulation and electron microscopic studies. Hiller E, et al. **Klin Wochenschr** 55(15):751–7, 1 Aug 77

Interaction of allopurinol with phenprocoumon in man. Jähnchen E, et al. **Klin Wochenschr** 55(15):759–61, 1 Aug 77

A coagulopathy of the owl monkey (Aotus trivirgatus) associated with high antithrombin III activity. Loeb WF, et al. **Lab Anim Sci** 26(6 Pt 2):1084–7, Dec 76

Failure of certain antiplatelet drugs to affect myointimal thickening following arterial endothelial injury in the rat. Clowes AW, et al. **Lab Invest** 36(4):452–64, Apr 77

beta-thromboglobulin and heparin-neutralising activity test in clinical conditions [letter] **Lancet** 1(8022):1153–4, 28 May 77

Detecting haemophilia carriers [editorial] **Lancet** 2(8033):339–40, 13 Aug 77

Penicillin-induced coagulation disorder. Andrassy K, et al. **Lancet** 2(7994):1039–41, 13 Nov 76

Onions and platelet aggregation [letter]. Baghurst KI, et al. **Lancet** 1(8002):101, 8 Jan 77

beta-Thromboglobulin test [letter]. Ludlam CA. **Lancet** 1(8025):1311–2, 18 Jun 77

1-Deamino-8-d-arginine vasopressin: a new pharmacological approach to the management of haemophilia and von Willebrands' diseases. Mannucci PM, et al. **Lancet** I(8017):869–72, 23 Apr 77

Effect of distress on factor-VIII activity [letter] Nenci GG, et al. **Lancet** 1(8026):1373, 25 Jun 77

Disseminated intravascular coagulation and infusion of factor-VIII-inhibitor bypassing activity [letter]. Stenbjerg S, et al. **Lancet** 1(8007):360, 12 Feb 77

Disseminated intravascular coagulation in patients with infections: diagnostic and therapeutic approach. Hawiger J. **Mater Med Pol** 8(2):206–12, Apr-Jun 76 (27 ref.)

Antithrombin-heparin cofactor. Damus PS, et al. **Methods Enzymol** 45:653–69, 1976

Human factor XII (Hageman factor). Griffin JH, et al. **Methods Enzymol** 45:56–65, 1976

The coagulant enzyme from Bothrops atrox venom (batroxobin). Stocker K, et al. **Methods Enzymol** 45:214–23, 1976

Presurgical coagulation testing. Swanson JO. **Minn Med** 59(8):517–22, Aug 76

Syndrome of acquired factor X deficiency and systemic amyloidosis in vivo studies of the metabolic fate of factor X. Furie B, et al. **N Engl J Med** 297(2):81–5, 14 Jul 77

Interpretation and clinical relevance of liver function tests. Boyer CA, et al. **Nurs Clin North Am** 12(2):275–90, Jun 77

Hematology: part VIII. Coagulation studies: part 1. Tests of vascular and platelet function. Byrne J. **Nursing (Jenkintown)** 7(5):8–10, May 77

Hematology: part IX. Coagulation studies: part II. Tests of plasma-clotting factors. Byrne J. **Nursing (Jenkintown)** 7(6):24–5, Jun 77

Congenital release thrombocytopathy: pathophysiology and management. Adashi E, et al. **Obstet Gynecol** 48(4):403–6, Oct 76

Survival following thrombotic thrombocytopenic purpura in pregnancy. Fitzgibbons JF, et al. **Obstet Gynecol** 50(1 Suppl):66s–68s, Jul 77

Von Willebrand's disease and pregnancy. Krishnamurthy M, et al. **Obstet Gynecol** 49(2):244–7, Feb 77

The effect of conjugated estrogens on coagulability in menopausal women. Stangel JJ, et al. **Obstet Gynecol** 49(3):314–6, Mar 77

Glanzmann's thrombasthenia in a Melanesian. Amato D. **Papua New Guinea Med J** 19(3):176–80, Sep 76

Hageman factor and disseminated intravascular coagulation (DIC) in newborns and rabbits. Corrigan JJ Jr, et al. **Pediatr Res** 11(8):916–20, Aug 77

Care of the critically ill child: the bleeding neonate. Glader BE, et al. **Pediatrics** 58(4):548–55, Oct 76

Intravascular coagulation and fibrinolysis. Palmer RL. **Postgrad Med** 62(1):181–7, Jul 77

Therapeutics. Guidelines for heparin administration in thromboembolic disease. Prupas HM. **Postgrad Med** 62(2):157–61, Aug 77

Haematological abnormalities in acute pancreatitis. A prospective study. Murphy D, et al. **Postgrad Med J** 53(620):310–4, Jun 77

[Effect of low-dose-heparin and its control (author's transl)] Zanoni G. **Praxis** 65(16):477–80, 20 Apr 76 (Eng. Abstr.)

Improved procedures for the purification of selected vitamin K-dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38, 1976 (95 ref.)

Disseminated intravascular coagulation in prostatic disease. Deutsch E. **Prog Clin Biol Res** 6:313–27, 1976

Dysfibrinogenaemia and primary hepato-cellular carcinoma. Barr RD, et al. **Q J Med** 45(180):647–59, Oct 76

Tracing delayed hemostatic changes in open-heart surgery patients. Davey FR, et al. **RN** 39(11):ICU1–2, ICU6, Nov 76

The clot: the bruising and bleeding patient. Hamstra R. **Rocky Mt Med J** 74(3):135–8, May-Jun 77

The clot: the hypercoagulable state. Wallner SF. **Rocky Mt Med J** 74(3):130–5, May-Jun 77

Laboratory studies and clinical features in a case of boomslang envenomation. Gomperts ED, et al. **S Afr Med J** 51(6):173–5, 5 Feb 77

The monitoring of heparin activity during extracorporeal circulation. Gomperts ED, et al. **S Afr Med J** 51(26):973–6, 25 Jun 77

The haemostatic effect of 51CR-labelled blood platelets. An experimental study in the rabbit. Björnson J, et al. **Scand J Haematol** 18(4):326–32, Apr 77

The relationship between Normotest and Thrombotest in patients on oral anticoagulant therapy. Refsum N, et al. **Scand J Haematol** 18(4):333–6, Apr 77

Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)

Laboratory modalities for assessing hemostasis during cardiopulmonary bypass. Fekete LF, et al. **Semin Thromb Hemostas** 3(2):83–9, Oct 76

Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232–90, Apr 76 (207 ref.)

Thrombolysis with a combination of small doses of streptokinase and full doses of heparin. Gallus AS, et al. **Semin Thromb Hemostas** 2(1):14–32, Jul 75

Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)

Von Willebrand's disease--history, diagnosis and management. Mammen EF. **Semin Thromb Hemostas**

2(2):61–84, Oct 75

Thromboelastographic distinction of malignant from benign breast masses: a preliminary report. Haid M. **South Med J** 70(7):774–6, Jul 77

Syndromes of intravascular coagulation. Rodríguez-Erdmann F. **Surg Annu** 9:1–28, 1977 (28 ref.)

Intravascular coagulation in surgical procedures on the abdominal aorta. Mulcare RJ, et al. **Surg Gynecol Obstet** 143(5):730–4, Nov 76

Disseminated intravascular coagulation and refractory shock induced by splanchnic metabolic acidosis. Nagasue N, et al. **Surg Gynecol Obstet** 144(4):519–24, Apr 77

Control and complications of intermittent heparin therapy. Norman CS, et al. **Surg Gynecol Obstet** 145(3):338–42, Sep 77

Blood surface interactions in extravascular salvageable blood pools. Rakower SR. **Surg Gynecol Obstet** 145(4):555–8, Oct 77

A ten year study of heparin therapy for thrombophlebitis in ambulatory patients. Stillman RM, et al. **Surg Gynecol Obstet** 145(2):193–7, Aug 77

Disseminated intravascular coagulation. Watts C. **Surg Neurol** 8(4):258–62, Oct 77

Intraoperative autotransfusion: an underutilized technique. Glover JL, et al. **Surgery** 80(4):474–9, Oct 76

Monitoring of intraoperative heparinization in vascular surgery. Manny J, et al. **Surgery** 80(5):641–3, Nov 76

Bleeding in uremic patients after carbenicillin. Andrassy K, et al. **Thromb Haemostas** 36(1):115–26, 31 Aug 76

Fibrinolytic, factor VIII and pulse rate responses to repeated adrenaline infusion followed by haemorrhage. Britton BJ, et al. **Thromb Haemostas** 37(3):527–34, 30 Jun 77

Family studies of patients with reduced ristocetin aggregation and abnormalities of factor VIII and/or platelet function. Ekert H, et al. **Thromb Haemostas** 36(1):78–85, 31 Aug 76

Plasmin inactivation in plasma. Haselager EM, et al. **Thromb Haemostas** 35(3):643–50, 30 Jun 76

Kinetic aspects of the interaction of blood clotting enzymes. VII. The relation between clotting time and prothrombin concentration. Hemker HC, et al. **Thromb Haemostas** 37(1):81–5, 28 Feb 77

The choice of water for coagulation tests [letter] Kaelin AC, et al. **Thromb Haemostas** 37(3):570–1, 30 Jun 77

Comparison between British Comparative Thromboplastin (BCT) and a factor II–VII–X determination method (simplastin A) based on fresh plasma samples from dicoumarol-treated patients. Korsan-Bengtsen K, et al. **Thromb Haemostas** 37(1):98–103, 28 Feb 77

Marathon run I: effects on blood coagulation and fibrinolysis. Mandalaki T, et al. **Thromb Haemostas** 37(3):444–50, 30 Jun 77

Fibrinogen/fibrin degradation products in serum of patients with idiopathic thrombocytopenic purpura: elevated levels during severe thrombocytopenic phase of the disease. Nagasawa T, et al. **Thromb Haemostas** 35(3):628–34, 30 Jun 76

Comparative studies of coagulative and fibrinolytic faculties between the Japanese monkey and the human. Suzuki K, et al. **Thromb Haemostas** 37(2):233–42, 30 Apr 77

On the value of the activated partial thrombo-plastin time (aptt) in monitoring heparin therapy. Teien AN, et al. **Thromb Haemostas** 35(3):592–7, 30 Jun 76

Interlaboratory oral anticoagulant quality assessment by the Netherlands Federation of Thrombosis Services. van Dijk-Wierda CA, et al. **Thromb Haemostas** 37(3):509–22, 30 Jun 77

Alteration of plasma antithrombin III levels in ischemic heart disease. Yue RH, et al. **Thromb Haemostas** 35(3):598–606, 30 Jun 76

Problems in the assay of thrombin using synthetic peptides as substrates. Gaffney PJ, et al. **Thromb Res** 10(4):549–56, Apr 77

The use of a macroscopic aggregation test for Von Willebrand factor as an indicator of endothelial damage [letter] Hargreaves LN, et al. **Thromb Res** 11(1):101–2, Jul 77

Prolonged thrombin clotting times in liver disease [letter] Lane DA, et al. **Thromb Res** 10(5):773–4, May 77

Production of thromboplastin (tissue factor) and thrombi by polymorphonuclear neutrophilic leukocytes adhering to vein walls. Lerner RG, et al. **Thromb Res** 11(1):11–22, Jul 77

Formation and dissociation of soluble fibrin in vivo. Mahn I, et al. **Thromb Res** 11(1):67–80, Jul 77

Procoagulant activity of thrombosthenin preparations. Muszbek L, et al. **Thromb Res** 10(5):635–44, May 77

Cryoprecipitates as a source of fibrinogen in treatment of disseminated introvascular coagulation (DIC). Hattersley PG, et al. **Transfusion** 16(6):641–5, Nov-Dec 76

Immunologic tests for rejection. Gottlieb MN, et al. **Urol Clin North Am** 3(3):553–73, Oct 76

Canges in chemical, hematological and blood gases values in chronic venous insufficiency of the lower limbs. Zelikovski A, et al. **Vasa** 6(1):26–9, 1977

In vivo and in vitro activation of T-antigen receptors on leukocytes and platelets. Hysell JK, et al. **Vox Sang** 31(1 SUPPL):9–15, 1976

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

[Standardized Ivy bleeding-time] Larsen FS. **Ugeskr Laeger** 139(21):1236–7, 23 May 77 (Eng. Abstr.) **(Dan)**

[Therapeutically optimal values in oral anticoagulation (letter)] Loeliger EA, et al. **Ned Tijdschr Geneeskd** 121(31):1242–3, 30 Jul 77 **(Dut)**

[Heparin treatment of crotilid bites. Experimental and clinical study] **Anesth Analg (Paris)** 33(1):147–153, Jan-Feb 76 **(Fre)**

[Action of Trivé 1000 on hemostasis and hematocrit] Fogliani J, et al. **Ann Anesthesiol Fr** 18(2):214–22, 1977 (Eng. Abstr.) **(Fre)**

[Minimal pre-operative assessment of hemostasis (author's transl)] Kher A, et al. **Ann Chir** 31(2):177–9, Feb 77 (Eng. Abstr.) **(Fre)**

[Study of hemostasis factors in nephrotic syndrome. Pathogenic interpretation and therapeutic deductions] Bernard D, et al. **Ann Med Interne (Paris)** 128(4):325–33, Apr 77 (Eng. Abstr.) **(Fre)**

[Circulating anticoagulants in disseminated lupus erythematosus. Apropos of 3 cases] Krulik M, et al. **Ann Med Interne (Paris)** 128(1):57–62, Jan 77 **(Fre)**

[Thrombogenic and atherogenic effects of dietary fats] Renaud S. **Ann Nutr Aliment** 30(2-3):235–41, 1976 (18 ref.) (Eng. Abstr.) **(Fre)**

[Refractory anemia and chromosome 5 q –: a new syndrome] Sokal G, et al. **Bull Mem Acad R Med Belg** 130(7–9):368–86, 1975 (Eng. Abstr.) **(Fre)**

[Antiheparin immunoglobulin in malignant lymphoma with hypertriglyceridemia, in the hamster] Beaumont JL, et al. **C R Acad Sci [D] (Paris)** 283(11 D):1369–72, 8 NOV 76 (Eng. Abstr.) **(Fre)**

[General surgery in cardiac patients] Fournier C. **Coeur Med Interne** 16(2):269–76, Apr-Jun 77 (Eng. Abstr.) **(Fre)**

[Consumption coagulopathy and acidosis in the diabetic patient (author's transl)] Larcan A, et al. **Diabete Metab** 2(1):33–40, Mar 76 (Eng. Abstr.) **(Fre)**

[Congenital deficiency in the fibrin stabilizing factor (factor XIII)] Duporieux J, et al. **Nouv Presse Med** 5(43):2941–3, 18 Dec 76 **(Fre)**

[Hemostasis during acidosis. Experimental study in dogs] Kartalis G, et al. **Nouv Rev Fr Hematol Blood Cells** 18(1):197–200, 1977 **(Fre)**

[Changes in several biochemical parameters in typhoid fever] Becq-Giraudon B, et al. **Sem Hop Paris** 53(11–12):697–9, 16–23 Mar 77 **(Fre)**

[Coagulation and acute disseminated lupus erythematosus. Apropos of 25 cases] Godeau P, et al. **Sem Hop Paris** 53(10):609–12, 9 Mar 77 (Eng. Abstr.) **(Fre)**

[Prolonged bleeding time] Hayet M. **Soins** 22(5):25–9, 5 Mar 77 **(Fre)**

[The hazards of a normal coagulogram] Neemeh JA, et al. **Union Med Can** 106(1):58–60, Jan 77 (Eng. Abstr.) **(Fre)**

[The influence of blood transfusions on changes of the coagulation in polytraumatized patients (author's transl)] Sefrin P, et al. **Anaesthesist** 26(6):288–94, Jun 77 (Eng. Abstr.) **(Ger)**

[Fibrinogen 'Hannover', a further abnormal fibrinogen] Barthels M, et al. **Blut** 34(2):99–106, Feb 77 (Eng. Abstr.) **(Ger)**

[Von Willebrand-Jürgens syndrome with a variant of factor VIII-associated antigen] Böttcher D, et al. **Blut** 33(1):33–40, Jul 76 (Eng. Abstr.) **(Ger)**

[Dynamics of blood coagulation disorders in traumatic-hemorrhagic shock] Sefrin P, et al. **Chirurg** 48(4):227–31, Apr 77 (Eng. Abstr.) **(Ger)**

[The Stauffer syndrome] Philipp T. **Dtsch Med Wochenschr** 101(49):1809–10, 3 Dec 76 **(Ger)**

[Bleeding times in haemophilia patients treated with lyophilised antihaemophilic globulin (AHG) (author's transl)] Sutor AH, et al. **Dtsch Med Wochenschr** 101(47):1715–9, 19 Nov 76 (Eng. Abstr.) **(Ger)**

[Pharmacology of the streptokinase drug Awelysin] Klöcking HP. **Folia Haematol (Leipz)** 103(3):445–55, 1976 **(Ger)**

[Coagulation-physiological manifestations and clinical side-effects of streptokinase therapy] Vinazzer H. **Folia Haematol (Leipz)** 103(3):468–71, 1976 **(Ger)**

[Blood coagulation activity and fibrinolysis in umbilical vein blood of healthy and asphyxiated newborn infants] Schander

K, et al. **Fortschr Med** 95(22):1477–81, 9 Jun 77 (Eng. Abstr.) **(Ger)**

[Screening and rapid tests in diagnosis of hemostasis disorders] Matthias FR. **Internist (Berlin)** 17(9):430–5, Sep 76 **(Ger)**

[Screening and rapid tests in liver and bile tract diseases] Stolle D, et al. **Internist (Berlin)** 17(9):461–5, Sep 76 **(Ger)**

[Silymarin for the treatment of acute viral hepatitis? Report of a controlled trial (author's transl)] Bode JC, et al. **Med Klin** 72(12):513–8, 25 Mar 77 (Eng. Abstr.) **(Ger)**

[Mode of action and control of 'low dose heparin' (author's transl)] Bruhn HD, et al. **Med Klin** 72(9):349–52, 4 Mar 77 (Eng. Abstr.) **(Ger)**

[Treatment of glomerulonephritis with heparin (author's transl)] Quellhorst E, et al. **Med Klin** 72(22):981–7, 3 Jun 77 (Eng. Abstr.) **(Ger)**

[Quality control of hemostatic examination methods] Beeser H. **Med Lab (Stuttg)** 29(11):262–70, Nov 76 **(Ger)**

[Bleeding time (Duke) as a clinical function test of the primary phase of hemostasis] Angelkort B, et al. **Med Welt** 27(47):2302–4, 19 Nov 76 **(Ger)**

[Control of heparinization in the hemodialysis for acute kidney failure] Vogel GE, et al. **Med Welt** 28(19):899–902, 13 May 77 **(Ger)**

[Diagnostic therapeutic problems of defibrination syndrome in shock, sepsis, and neonatal hypoxia (author's transl)] Kirsch W, et al. **Monatsschr Kinderheilkd** 125(6):621–7, Jun 77 (32 ref.) (Eng. Abstr.) **(Ger)**

[Coagulation physiological studies during hypoxia and hypercapnia in young Göttingen miniature-pigs] Schachinger H, et al. **Monatsschr Kinderheilkd** 125(5):588, May 77 **(Ger)**

[Informative value of control methods for postoperative supervision of medication with aspirin and heparin (author's transl)] Schöndorf TH, et al. **Munch Med Wochenschr** 119(4):119–22, 28 Jan 77 (Eng. Abstr.) **(Ger)**

[Hemostatic processes in aneurysmal hemorrhages] Hindersin P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 29(3):129–44, Mar 77 (Eng. Abstr.) **(Ger)**

[A prospective study on the occurrence of postoperative thrombosis of leg-veins and the possible influence of aescin in its prevention (author's transl)] Prexl HJ, et al. **Wien Klin Wochenschr** 88(10):326–9, 14 May 76 (Eng. Abstr.) **(Ger)**

[Early diagnosis of spondylarthritis ankylopoietica] Otto W, et al. **Z Gesamte Inn Med** 31(16):647–52, 15 Aug 76 (Eng. Abstr.) **(Ger)**

[Proceedings: Meeting of the Berlin Dermatology Association May 15, 1976] Schwarz E, et al. **Z Hautkr** 52(5):175–86, 1 Mar 77 **(Ger)**

[Bleeding complications after lung surgery (author's transl)] Neef H, et al. **Zentralbl Chir** 102(11):664–9, 1977 (Eng. Abstr.) **(Ger)**

[Problems of coagulation analysis in diagnosing inflammatory and thrombotic venous diseases in ageing (author's transl)] Heinrich HG. **ZFA [Dresden]** 31(4):343–5, 1976 (Eng. Abstr.) **(Ger)**

[Blood lipid and coagulation aspects of patients surviving myocardial infarct for more than 13 years] Longhini C, et al. **Boll Soc Ital Cardiol** 20(12):1659–64, 1975 **(Ita)**

[Interesting changes in blood fibrinolysis following administration of acetylsalicylic acid in vascular diseases of the lower limbs] Ruggiero A, et al. **Chir Ital** 28(4):306–16, Aug 76 (Eng. Abstr.) **(Ita)**

[Results of anticoagulant and dialytic therapy in the hemolytic-uremic syndrome in childhood] Gusmano R, et al. **Minerva Nefrol** 23(4):286–91, Jul-Aug 76 (Eng. Abstr.) **(Ita)**

[Clinical considerations and ultrastructural findings in a case of Glanzmann's thrombasthenia] Balsamo V, et al. **Minerva Pediatr** 29(10):657–64, 24 Mar 77 **(Ita)**

[Isolated congenital deficiency of factor VII. Clinical study] Barberio G, et al. **Minerva Pediatr** 29(12):843–5, 7 Apr 77 **(Ita)**

[Behavior of coagulation factors in premature and full-term newborn infants] Ferrero AM, et al. **Minerva Pediatr** 29(17):1161–4, 12 May 77 **(Ita)**

[Determination of factor VIII inhibitor in hemophiliacs] Mancini AF, et al. **Minerva Pediatr** 28(36):2181–5, 17 Nov 76 (Eng. Abstr.) **(Ita)**

[The blood coagulation situation in fetal erythroblastosis before and after exchange transfusion] Marca L, et al. **Minerva Pediatr** 29(17):1141–4, 12 May 77 **(Ita)**

[Various aspects of blood coagulation in thalassemia major] Esposito L, et al. **Pediatria (Napoli)** 84(3):432–40, 30 SEP 76 (Eng. Abstr.) **(Ita)**

[Data on the pathogenesis and therapy of the hemolytic-uremic syndrome] Esposito L, et al. **Pediatria (Napoli)** 85(1):61–72, 31 Mar 1977 (Eng. Abstr.) **(Ita)**

[Hepato-Quick: a new diagnostic test for liver diseases (author's transl)] Vallini A, et al. **Quad Sclavo Diagn** 12(1):67–78, Mar 76 (Eng. Abstr.) **(Ita)**

[Diagnosis of phlebothrombosis] Kakkar VV. **Recent Prog Med (Roma)** 60(1):13–30, Jan 76 (34 ref.) (Eng. Abstr.) **(Ita)**

[Effects of alpha2-macroglobulin and FDP on the antithrombin III assay system (author's transl)] Yoshida N, et al. **Acta Haematol Jpn** 40(2):197–201, Apr 77 (Eng. Abstr.) **(Jpn)**

[A case of combined deficiency of factor IX and factor VIII with prolonged bleeding time (author's transl)] Kudo Y, et al. **Jpn J Clin Hematol** 18(1):81–7, Jan 77 (Eng. Abstr.) **(Jpn)**

[Ten years' advances in clinical pathology. (5) Clinical hematology-Blood coagulation and fibrinolysis (author's transl)] Umegaki K. **Jpn J Clin Pathol** 24(5):389–92, May 76 **(Jpn)**

[Clinical haematology, coagulation and fibrinolysis (author's transl)] Umegaki K. **Jpn J Clin Pathol Suppl** 28:118–30, 30 Nov 76 (80 ref.) **(Jpn)**

[Thrombotest and the level of some plasma factors in newborn infants] Witt C, et al. **Pediatr Pol** 52(5):483–8, May 77 (Eng. Abstr.) **(Pol)**

[Absorption of fibrinogen I-125 in the hepatosplenic form of schistosomiasis mansoni] Langer B, et al. **AMB** 22(12):449–53, Dec 76 (Eng. Abstr.) **(Por)**

[Hemostasis in uremic patients, significance of the Ivy test] Galvão MM, et al. **Rev Hosp Clin Fac Med Sao Paulo** 31(6):442–5, Nov-Dec 76 (Eng. Abstr.) **(Por)**

[Changes in hemostasis in the postoperative period] Cuteudache C, et al. **Rev Chir [Chir]** 26(2):129–35, Mar-Apr 77 (Eng. Abstr.) **(Rum)**

[Hemostasis changes in acute diffuse glomerulonephritis in children] Nanulescu M, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 25(4):317–24, Oct-Dec 76 (Eng. Abstr.) **(Rum)**

[Role of intermediate products of prothrombin proteolysis by thrombin in the stimulation of the anticoagulation system of blood] Kudriashov BA, et al. **Biull Eksp Biol Med** 82(10):1172–4, Oct 76 (Eng. Abstr.) **(Rus)**

[Blood coagulating and anticoagulating system indices in vibration disease caused by overall vibration] Volova TN, et al. **Gig Tr Prof Zabol** (5):51–4, 1977 **(Rus)**

[Possibilities of early diagnosis of thromboembolic complications in myocardial infarct by means of biochemical methods] Andreenko GV, et al. **Kardiologiia** 17(1):98–103, Jan 77 (Eng. Abstr.) **(Rus)**

[Fibrinolytic activity of blood flowing through the heart ventricles and major vessels of rats under normal conditions and in experimental myocardial ischemia] Andreenko GV, et al. **Kardiologiia** 17(3):114–8, Mar 77 (Eng. Abstr.)**(Rus)**

[Comparative analysis of blood coagulation and various indicators of microcirculation in patients with coronary arteriosclerosis and hypertension in the age aspect] Furkalo NK, et al. **Kardiologiia** 16(3):25–33, Mar 76 (Eng. Abstr.) **(Rus)**

[Evaluation of the diurnal rhythm of blood coagulation in ischemic heart disease by means of the method of geometrical interpretation of the observation results] Ganelina IE, et al. **Kardiologiia** 16(4):64–7, Apr 76 **(Rus)**

[Changes of blood coagulation in arteriosclerosis obliterans of the limbs depending on the degree of regional hypoxia and active reaction of the tissues] Reut AA, et al. **Kardiologiia** 17(3):142, Mar 77 **(Rus)**

[Importance of tolerance to physical exercise in the study of the blood coagulation and anticoagulation systems after myocardial infarct] Vataman EB, et al. **Kardiologiia** 17(5):31–6, May 77 (Eng. Abstr.) **(Rus)**

[Blood coagulation and functional characteristics of the thrombocytes in advanced stages of burns] Levin GIa, et al. **Khirurgiia (Mosk)** (6):44–9, Jun 77 (Eng. Abstr.) **(Rus)**

[Significance of blood-coagulating substances of the tissues in pneumonia] Man'kova MD, et al. **Klin Med (Mosk)** 55(3):113–9, Mar 77 (Eng. Abstr.) **(Rus)**

[Coagulation and anticoagulation systems of blood in peritonitis] Mymrikov PI. **Klin Med (Mosk)** 54(10):105–7, Oct 76 **(Rus)**

[Role of the thrombocytes in changes in the hemostatic system in diabetes mellitus] Petrov MN, et al. **Klin Med (Mosk)** 54(7):119–22, Jul 76 (Eng. Abstr.) **(Rus)**

[State of the blood coagulation and fibrinolysis systems in nephrotic syndrome] Tareev EM, et al. **Klin Med (Mosk)** 54(8):25–33, Aug 76 (Eng. Abstr.)**(Rus)**

[Blood coagulation system during a 12-day immersion in water and the prophylactic role of centrifugation] Khudiakova MA, et al. **Kosm Biol Aviakosm Med** 11(3):79–81, May-Jun 77 **(Rus)**

[Rapid diagnosis of disorders in the system of hemostasis in

acute-onset hemorrhages] Baluda VP, et al. **Lab Delo** (5):273-6, 1976 **(Rus)**

[Von Willebrand factor. Its role in hemostasis and the method of its determination] Baluda VP, et al. **Lab Delo** (8):451-5, 1976 **(Rus)**

[Study of fibrinolysis in laboratory diagnosis of the state of thrombus risk] Bergut FA. **Lab Delo** (8):458-62, 1976 **(Rus)**

[Comparative study of the activity of cerebral thromboplastins of various vertebrates] Glazunova GA. **Lab Delo** (5):309-10, 1977 **(Rus)**

[Effect of leukocytes of healthy persons on blood coagulation] Mel'nikov AF, et al. **Lab Delo** (2):78-81, 1977 (Eng. Abstr.) **(Rus)**

[Specific features of kinetics of blood coagulation and indices of paracoagulative tests in rheumatoid arthritis in children] Nesterova VV. **Pediatriia** (4):27-32, Apr 77 (Eng. Abstr.) **(Rus)**

[Methyloxypropylcellulose - a possible base of hemostatic preparations for local use] Baluda VP, et al. **Probl Gematol Pereliv Krovi** 21(9):30-3, 1976 (Eng. Abstr.) **(Rus)**

[Possible mathematical model for the normal human autocoagulogram] Bochkov VG, et al. **Probl Gematol Pereliv Krovi** 21(10):50-4, OCT 76 **(Rus)**

[Blood coagulation shifts in patients with obliterating endarteritis of the extremities depending on the degree of regional hypoxia and active tissue reaction] Reut AA, et al. **Probl Gematol Pereliv Krovi** 22(3):54-5, Mar 77 **(Rus)**

[Disorder of primary hemostasis in chronic lympholeukemia] Shitikova AS, et al. **Probl Gematol Pereliv Krovi** 22(7):9-14, Jul 77 (Eng. Abstr.) **(Rus)**

[Pathogenesis of blood coagulation complications in surgical interventions for tuberculosis] Kaminskaia GO, et al. **Probl Tuberk** (6):48-53, Jun 76 (Eng. Abstr.) **(Rus)**

[Evaluation of severity of viral hepatitis using a coagulogram] Sorinson SN, et al. **Sov Med** (5):27-30, May 77 (Eng. Abstr.) **(Rus)**

[State of blood coagulation and capillary permeability in patients with lung cancer] Kravchenko LF, et al. **Ter Arkh** 40(2):84-7, 1976 (Eng. Abstr.) **(Rus)**

['Paracoagulation' phenomenon and fibrin- fibrinogen degradation products in acute poisoning with acetic acid] Kuznetsova AV. **Ter Arkh** 49(6):139-43, 1977 **(Rus)**

[Role of tissue factors of blood coagulation in the pathogenesis of thrombohemorrhagic complications in diffuse glomerulonephritis] Sokratov NV, et al. **Urol Nefrol (Mosk)** (4):15-9, Jul-Aug 76 (Eng. Abstr.) **(Rus)**

[Biologically active substances of the blood and the blood coagulation system in eczema] Loseva VA. **Vestn Dermatol Venerol** (12):3-7, Dec 76 (Eng. Abstr.) **(Rus)**

[Blood coagulating and fibrinolytic properties of human eye tissues] Romashchenko AD, et al. **Vestn Oftalmol** (2):35-7, Mar-Apr 77 (Eng. Abstr.) **(Rus)**

[Disorder of the blood coagulation system in severe craniocerebral injuries] Ivanov VV, et al. **Voen Med Zh** (10):37-9, Oct 76 **(Rus)**

[Effect of mud therapy on the state of blood coagulation and lipid metabolism in rabbits with experimental atherosclerosis] Kents VV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** (2):34-7, Mar-Apr 77 **(Rus)**

[Change in hemostasis under the effect of galvanic current] Maloletkina LA. **Vopr Kurortol Fizioter Lech Fiz Kult** (5):67-71, Sep-Oct 76 **(Rus)**

[Delay in thrombin clearance as a diagnostic test of prethrombosis in depression of the anticoagulation system caused by atherogenic diet] Kudriashov BA, et al. **Vopr Med Khim** 22(6):736-40, Nov-Dec 76 (Eng. Abstr.) **(Rus)**

[Effect of antithrombin III on anticoagulating system function in animals intravenously injected with tissue thromboplastin] Pastorova VE, et al. **Vopr Med Khim** 22(2):240-5, Mar-Apr 76 (Eng. Abstr.) **(Rus)**

[Effect of nerobol on indices of the coagulogram in patients with rheumatism and circulatory insufficiency of the 2B-3 stage] Furtel' VA. **Vrach Delo** (6):38-9, Jun 77 (Eng. Abstr.) **(Rus)**

[Effect of brufen on blood coagulation indices of patients with flucturating rhemocarditis] Meleshchenko AA, et al. **Vrach Delo** (6):40-2, Jun 77 **(Rus)**

[Blood coagulation system indices depending on the type of anesthesia in orthopedic injury operations] Altunian NM, et al. **Zh Eksp Klin Med** 16(5):85-90, 1976 **(Rus)**

[Disorder of the homeostasis of the blood coagulation system and fibrinolysis in chronic tonsillitis with the tonsillocardiac syndrome] Aslanian NL, et al. **Zh Eksp Klin Med** 16(5):52-8, 1976 **(Rus)**

[Acute pancreatitis in relation to hemostasis] Abramić P, et al. **Acta Chir Iugosl** 24(1 Suppl):77-8, 1977 **(Scr)**

[The help of coagulation tests in preventing thromboembolism in neurosurgery patients (author's transl)] Tiška-Rudman L, et al. **Lijec Vjesn** 98(11):601-3, 1976 (Eng. Abstr.) **(Scr)**

[The effect of long-term use of oral contraception on blood coagulation (author's transl)] Tiška-Rudman L, et al. **Lijec Vjesn** 99(6):337-44, Jun 77 (Eng. Abstr.) **(Scr)**

[Disorders of blood coagulation, platelet adhesiviness and platelet count in the intermediate coronary syndrome] Ruggiero HA, et al. **Arch Inst Cardiol Mex** 47(1):37-51, Jan-Feb 77 (Eng. Abstr.) **(Spa)**

[Hemorrhagic disease of the newborn. Analysis of 50 cases] Cetina Sauri G, et al. **Bol Med Hosp Infant Mex** 34(2):399-406, Mar-Apr 77 (Eng. Abstr.) **(Spa)**

[Investigations about potential coagulation activities of so called deficient factors in hereditary clotting diseases] Mingers AM. **Folia Clin Int (Barc)** 26(5):237-52, May 76 **(Spa)**

[Acceleration of coagulation by activation of the alternating route of complement] Angulo P, et al. **Rev Med Univ Navarra** 18(3-4):149-54, Sep-Dec 74 **(Spa)**

[Circulating levels of products of fibrinogen and fibrin monomer degradation in liver cirrhosis] Rocha E, et al. **Rev Med Univ Navarra** 18(3-4):143-7, Sep-Dec 74 **(Spa)**

[A functional assay of fibrinoformation in the newborn (author's transl)] Merino J, et al. **Sangre (Barc)** 22(4):439-52, 1977 (Eng. Abstr.) **(Spa)**

['Heparin rebound' and fibrinolytic activity in extracorporeal circulation (author's transl)] Sanz MA, et al. **Sangre (Barc)** 22(3):346-50, 1977 (Eng. Abstr.) **(Spa)**

[Effect of fibrin degradation products on different biological tests (author's transl)] Vila V, et al. **Sangre (Barc)** 21(4):814-26, 1976 (Eng. Abstr.) **(Spa)**

[Acute heparin therapy--standard dose or dosage according to individual sensitivity?] Ygge J. **Lakartidningen** 74(10):921-4, 9 Mar 77 (Eng. Abstr.) **(Swe)**

[Erythrocyte participation in blood coagulation and fibrinolysis processes in healthy persons] Belitskaia GA, et al. **Fiziol Zh** 23(3):323-8, May-Jun 77 (Eng. Abstr.) **(Ukr)**

[Role of the erythrocytes in the regulation of blood coagulation and fibrinolysis in dogs administered adrenaline] Goncharenko LL, et al. **Fiziol Zh** 22(2):258-62, Mar-Apr 76 **(Ukr)**

INSTRUMENTATION

Variation among commercial activated partial thromboplastin time reagents in response to heparin. Shapiro GA, et al. **Am J Clin Pathol** 67(5):477-80, May 77

Evaluation of a single-channel photo-optical clot-timing instrument. Weisbrot IM, et al. **Am J Clin Pathol** 68(3):361-7, Sep 77

Modification of functional serum antithrombin III assay for fibrometer. Results of examination of 50 patients. Alonso K. **Ann Clin Lab Sci** 7(3):277-80, May-Jun 77

Rheology and blood coagulation. McIntire LV. **Br J Haematol** 36(3):299-304, Jul 77 (32 ref.)

An in vitro measurement of bleeding time. Blakely J, et al. **J Lab Clin Med** 89(6):1306-13, Jun 77

Cardiopulmoanry bypass hemorrhage: a surgeon's point of view. Lambert CJ. **Semin Thromb Hemostas** 3(2):90-7, Oct 76

[Standardized Ivy bleeding-time] Larsen FS. **Ugeskr Laeger** 139(21):1236-7, 23 May 77 (Eng. Abstr.) **(Dan)**

[Coagulometer H21: automatic apparatus for the study of coagulation] Guimbretière J, et al. **Nouv Rev Fr Hematol Blood Cells** 18(1):201-2, 1977 **(Fre)**

[A simple method for the recording of hyperfibrinolytic conditions] Petrowicz O, et al. **Med Welt** 28(19):897-8, 13 May 77 **(Ger)**

[Micromethod of determining thrombocyte aggregation in whole blood] Baluda VP, et al. **Lab Delo** (11):653-6, 1976 **(Rus)**

[Method of study of coagulability and fibrinolysis of cadaveric blood] Kotovshchikova MA, et al. **Lab Delo** (8):455-8, 1976 **(Rus)**

[Automatic registration of thrombocyte aggregation] Fedorova ZD, et al. **Nov Med Tekh** (3):58-60, 1976 (Eng. Abstr.) **(Rus)**

METHODS

An improved procedure for quantitation of platelet factor 4. Saleem A, et al. **Am J Clin Pathol** 67(6):533-6, Jun 77

Hereditary factor VII deficiency and increased contact

activation time [letter]. Triplett DA. **Am J Clin Pathol** 67(6):607, Jun 77

The ethanol gelation test: priority and propriety [letter]. **Am J Med** 62(5):795–7, May 77

Activated coagulation time (ACT) of whole blood in normal dogs. Byars TD, et al. **Am J Vet Res** 37(11):1359–61, NOV 76

In vitro thrombogenicity tests of factor IX concentrates. Pepper DS, et al. **Br J Haematol** 36(4):573–83, Aug 77

Calorimetry, a time-honored technique with a potential in analytical work and cellular biology. Levin K. **Clin Chem** 23(6):929–37, Jun 77

Whole-blood thrombin time: a bedside method for determination of heparin activity. Wilhelmsson S, et al. **Clin Nephrol** 6(6):523–5, Dec 76

Influence of some organic and inorganic ions on fibrinolysis in vitro. Haverkate F, et al. **Folia Haematol (Leipz)** 103(3):389–98, 1976

An in vitro measurement of bleeding time. Blakely J, et al. **J Lab Clin Med** 89(6):1306–13, Jun 77

Removal of heparin and protamine from plasma. Thompson AR, et al. **J Lab Clin Med** 88(6):922–9, Dec 76

Detection of prethrombotic or thrombotic states [letter] Alonso K. **JNM** 18(7):744, Jul 77

Changes in anticoagulation in dogs assayed by three methods. Harrison HN, et al. **Lab Anim Sci** 26(6 Pt 1):917–21, Dec 76

beta-Thromboglobulin test [letter]. Ludlam CA. **Lancet** 1(8025):1311–2, 18 Jun 77

Measuring partial thromboplastin-time. An international collaborative study. Poller L, et al. **Lancet** 2(7990):842–6, 16 Oct 76

Possible congenital defect in platelet thromboxane synthetase [letter]. Weiss HJ, et al. **Lancet** 1(8014):760–1, 2 Apr 77

Quantitative streptokinase determination in plasma of patients undergoing thrombolytic therapy. Martin M. **Semin Thromb Hemostas** 2(1):33–41, Jul 75

Rationale and usefulness of heparinization: an overview. Palmer RL. **Tex Med** 73(5):68–72, May 77

Absorption of heparin by kaolin [letter]. Barrowcliffe TW, et al. **Thromb Haemostas** 36(2):483–4, 30 Nov 76

On the measurement of spontaneous platelet aggregation. The platelet aggregation test III. Methods and first clinical results. Breddin K, et al. **Thromb Haemostas** 35(3):669–91, 30 Jun 76

Linear regression technique [letter]. Duncan BM, et al. **Thromb Haemostas** 36(2):486–8, 30 Nov 76

Diagnostic value of the thrombotest dilution curve [letter] Girolami A. **Thromb Haemostas** 37(3):568–9, 30 Jun 77

A new era in the laboratory evaluation of coagulation and fibrinolysis [editorial]. Stormorken H. **Thromb Haemostas** 36(2):299–301, 30 Nov 76

A method for the measurement of fibrinolytic activity based on one dimensional diffusion using small glass tubes. II. With special reference to the differences between the use of plasminogen-rich fibrinogen and that of plasminogen-free fibrinogen as the substrates. Yasukouchi T, et al. **Thromb Haemostas** 37(3):456–63, 30 Jun 77

Problems in the assay of thrombin using synthetic peptides as substrates. Gaffney PJ, et al. **Thromb Res** 10(4):549–56, Apr 77

The serial thromboplastin dilution test: a presumptive test for hypercoagulability. Wolf P, et al. **Thromb Res** 9(2):209–14, Aug 76

Monitoring heparin therapy. Stevens DJ, et al. **Wis Med J** 76(3):33–6, Mar 77

[Control of heparin therapy through the examination of blood coagulation at the hand temperature] Pejchl S, et al. **Vnitr Lek** 22(11):1118–20, Nov 76 (Eng. Abstr.) **(Cze)**

[Prolonged bleeding time] Hayet M. **Soins** 22(5):25–9, 5 Mar 77 **(Fre)**

[Diagnosis of acute acquired defects of coagulation and their therapy (author's transl)] Göbel EA. **Anaesthesist** 25(9):449–53, Sep 76 (Eng. Abstr.) **(Ger)**

[Studies on the demonstration of a factor VIII or IX deficiency by means of partial thromboplastin time] Lutze G. **Folia Haematol (Leipz)** 103(6):933–7, 1976 (Eng. Abstr.) **(Ger)**

[Synthetic fibrinolytics. Own experiences and suggestions] von Kaulla KN. **Folia Haematol (Leipz)** 103(3):313–42, 1976 **(Ger)**

[New methods of coagulation analysis using chromogenic substrates] Witt I. **J Clin Chem Clin Biochem** 15(4):239–44, Apr 77 (Eng. Abstr.) **(Ger)**

[Partial thromboplastin time (PTT) in the pediatric age group. Normal values and changes under different storage conditions (author's transl)] Sutor AH, et al. **Klin Paediatr** 188(6):499–507, Nov 76 (Eng. Abstr.) **(Ger)**

[Theoretical basis and practical carrying out of an APTT control test for exact heparin monitoring (author's transl)] Vogel GE. **Med Klin** 72(6):207–11, 11 Feb 77 (Eng. Abstr.) **(Ger)**

[Theoretical basis and practical carrying out of an APTT control test for exact heparin monitoring (author's transl)] Vogel GE. **Med Klin** 72(6):207–11, 11 Feb 77 (Eng. Abstr.) **(Ger)**

[A simple method for the recording of hyperfibrinolytic conditions] Petrowicz O, et al. **Med Welt** 28(19):897–8, 13 May 77 **(Ger)**

[Determination of platelet aggregation using the chamber test in thrombocytopenia] Reuter H, et al. **Med Welt** 28(3):116–8, 21 Jan 77 **(Ger)**

[Standardisation and quality control of the thromboplastin time (Quick test) (author's transl)] Beck EA. **Ther Umsch** 34(5):347–9, May 77 (Eng. Abstr.) **(Ger)**

[Most frequent errors in the laboratory control of oral anticoagulation (author's transl)] Duckert F. **Ther Umsch** 34(5):350–4, May 77 (Eng. Abstr.) **(Ger)**

[Standard methods in a hematologic laboratory--a prerequisite for an optimal diagnosis] Stobbe H. **Z Gesamte Inn Med** 32(2):20–3, 15 Jan 77 (Eng. Abstr.) **(Ger)**

[Standard program in the laboratory diagnosis of hemorrhagic diseases] Vogel G. **Z Gesamte Inn Med** 32(5):SUPPL 67–8, 1 Mar 77 **(Ger)**

[Heparin tolerance in relation to age and the presence of amyloidosis] Fabris C, et al. **Arch Sci Med (Torino)** 133(4):387–98, Oct-Dec 76 (Eng. Abstr.) **(Ita)**

[Clinical evaluation in liver diseases of a new blood coagulation test for the determination of factors II, VII and X] Pagliano FM, et al. **Arch Sci Med (Torino)** 133(4):315–20, Oct-Dec 76 (Eng. Abstr.) **(Ita)**

[A new system of analysis for partial thromboplastin time. Comparison with other blood coagulation tests in liver diseases] Pagliano FM, et al. **Arch Sci Med (Torino)** 133(4):321–5, Oct-Dec 76 (Eng. Abstr.) **(Ita)**

[A new standardized method for determination of the bleeding time] Rubegni M, et al. **Quad Sclavo Diagn** 12(1):79–83, Mar 76 (Eng. Abstr.) **(Ita)**

[Activated coagulation time under heparin therapy in surgical diseases (author's transl)] Matsuda M, et al. **Arch Jpn Chir** 46(2):113–20, 1 Mar 77 (Eng. Abstr.) **(Jpn)**

[Use of Limulus test for the detection of endotoxemia] Lipińska-Piotrowska I. **Wiad Lek** 29(21):1905–8, 1 Nov 76 **(Pol)**

[Unified methods of laboratory studies] **Lab Delo** (5):307–11, 1976 **(Rus)**

[Rapid diagnosis of disorders in the system of hemostasis in acute-onset hemorrhages] Baluda VP, et al. **Lab Delo** (5):273–6, 1976 **(Rus)**

[Micromethod of determining thrombocyte aggregation in whole blood] Baluda VP, et al. **Lab Delo** (11):653–6, 1976 **(Rus)**

[Analytical methods of study of the system of fibrinolysis (plasminogen proactivators-activators, plasminogen-plasmin, antiplasmins, antiactivators) (literature review)] Guseĭnov ChS, et al. **Lab Delo** (5):276–83, 1976 **(Rus)**

[Study of the coagulation activity of thrombocytes and erythrocytes of healthy persons with the aid of modified autocoagulogram] Iurlov VM, et al. **Lab Delo** (4):2–1–4, 1976 **(Rus)**

[Assessment of fibrinolysis with a coagulograph H-333] Kuznik BI, et al. **Lab Delo** (5):281–3, 1977 **(Rus)**

[Method of determination of thrombocyte and erythrocyte aggregation] Liusov VA, et al. **Lab Delo** (8):463–8, 1976 **(Rus)**

[Diagnostic value of the reaction of morphological dissociation of clotted blood (RMDCB) in nonspecific pneumonias and lung cancer] Golovich GV, et al. **Vestn Khir** 117(8):8–10, Aug 76 (Eng. Abstr.) **(Rus)**

[A new book interpretation of red blood cell heat-sensitivity in paroxysmal nocturnal haemoglobinuria (author's transl)] Angulo P, et al. **Sangre (Barc)** 21(4):773–81, 1976 (Eng. Abstr.) **(Spa)**

[Assessment of circulating soluble fibrin by the ethanol test during delivery (author's transl)] Tascon A, et al. **Sangre (Barc)** 22(2):191–6, 1977 (Eng. Abstr.) **(Spa)**

[Coagulation screening: P-APT-time (APTT) -- new reagents, improved method?] Norén I, et al. **Lakartidningen** 74(21):2087–91, 25 May 77 (Eng. Abstr.) **(Swe)**

STANDARDS

Glass activation-induced decrease or disappearance of normotest-thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex. Girolami A, et al. **Folia Haematol (Leipz)** 104(2):283–93, 1977

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)
Problems in the assay of thrombin using synthetic peptides as substrates. Gaffney PJ, et al. **Thromb Res** 10(4):549–56, Apr 77
[Precision control of a single step determination of blood coagulation factor VIII in the plasma] Lutze G. **Folia Haematol (Leipz)** 104(1):109–15, 1977 (Eng. Abstr.) **(Ger)**

VETERINARY

Activated coagulation time (ACT) of whole blood in normal dogs. Byars TD, et al. **Am J Vet Res** 37(11):1359–61, NOV 76
Values of three coagulation screening tests of precolostral calves. Border M. **Can J Comp Med** 40(3):265–9, Jul 76
Changes in anticoagulation in dogs assayed by three methods. Harrison HN, et al. **Lab Anim Sci** 26(6 Pt 1):917–21, Dec 76
The diagnosis of hemostatic disorders. Kociba GJ. **Vet Clin North Am** 6(4):609–23, Nov 76

BLOOD PLATELET DISORDERS

Editorial: Acquired 'storage pool disease' of platelets. Zahavi J. **Thromb Haemostas** 35(3):501–7, 30 Jun 76
[Blood lipid and coagulation aspects of patients surviving myocardial infarct for more than 13 years] Longhini C, et al. **Boll Soc Ital Cardiol** 20(12):1659–64, 1975 **(Ita)**
[Clinical considerations and ultrastructural findings in a case of Glanzmann's thrombasthenia] Balsamo V, et al. **Minerva Pediatr** 29(10):657–64, 24 Mar 77 **(Ita)**

BLOOD

In vitro platelet stain preventing (degranulating) effect of various substances, Study of mechanism of action. Stavem P, et al. **Scand J Haematol** 18(2):170–6, Feb 77
[Megakaryocytes and platelets in congenital thrombopathies] Boisseau MR, et al. **Nouv Rev Fr Hematol** 16(3):427–6, 1976 (Eng. Abstr.) **(Fre)**
[Lipid metabolism of the platelet and platelet function (author's transl)] Okuma M. **Acta Haematol Jpn** 39(5):682–93, Oct 76 (Eng. Abstr.) **(Jpn)**
[Blood platelet disorders. II. Acquired thrombocytopathies and action of drugs on platelet function] Pniejnia-Olszyński W, et al. **Acta Haematol Pol** 8(2):151–6, May–Jun 77 **(Pol)**
[Blood fibrinolytic activity in patients with hyperthrombocytosis in rheumatoid arthritis] Hryszko S, et al. **Reumatologia** 15(2):193–7, 1977 (Eng. Abstr.) **(Pol)**

CHEMICALLY INDUCED

[Acquired thrombopathies and antibiotics] Goguel A, et al. **Ann Med Interne (Paris)** 127(8–9):573–8, AUG–SEP 76 **(Fre)**
[Epileptic seizure revealing a cerebral arterial accident during administration of oral contraceptives with platelet function disorders] Graisely B, et al. **Sem Hop Paris** 52(14):877–82, 9 Apr 76 (Eng. Abstr.) **(Fre)**
[Disorders of hemostasis caused by dipropylacetate] Klose PK, et al. **Munch Med Wochenschr** 119(3):91–2, 21 Jan 77 **(Ger)**
[Blood platelet disorders. II. Acquired thrombocytopathies and action of drugs on platelet function] Pniejnia-Olszyński W, et al. **Acta Haematol Pol** 8(2):151–6, May–Jun 77 **(Pol)**
[Disorders of platelet function caused by verapamil] Gomes OM, et al. **Arq Bras Cardiol** 30 Suppl 1:27–30, Feb 77 (Eng. Abstr.) **(Por)**

CLASSIFICATION

General classification system for hemorrhagic and thrombotic disorders. Lechner K, et al. **Thromb Haemostas** 36(1):251–62, 31 Aug 76
[Classification of platelet function abnormalities (author's transl)] Deguchi K. **Jpn J Clin Hematol** 17(7):716–29, Jul 76 (98 ref.) **(Jpn)**

COMPLICATIONS

Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)
Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)
Recurrent thromboembolism with spontaneous platelet aggregation. Scrobohaci ML, et al. **Thromb Haemostas** 36(3):645–6, 31 Dec 76
[Severe epistaxis in hemorrhagic syndromes (excepting Rendu–Osler disease)] Josso F. **Ann Otolaryngol Chir Cervicofac** 93(1–2):15–21, Jan–Feb 76 (Eng. Abstr.) **(Fre)**
[Phlebitis indicative of blood diseases] Piguet H. **Phlebologie** 29(2):103–16, Apr–Jun 76 (48 ref.) (Eng. Abstr.) **(Fre)**
[Tinnitus and lipid metabolism disorders. Value of early normolipemic treatment] Albertini F. **Sem Hop Ther** 53(4):261–3, Apr 77 **(Fre)**
[Tonsillectomy in patients with bleeding disorders] Gastpar H. **Fortschr Med** 95(19):1277–80, 19 May 77 (Eng. Abstr.) **(Ger)**
[Purpura. Classification, clinical picture and etiology from the point of view of the dermatologist. 3. Dermatologically relevant types of purpura. 2.] Illig L. **Fortschr Med** 94(26):1379–90, 16 Sep 76 **(Ger)**
[Problems of arteriosclerosis epidemiology. Analysis of risk factors with a view to a possible therapy] Prof. Aiuto G. **Minerva Med** 67(62):4059–118, 22 Dec 76 **(Ita)**
[Digestive hemorrhages in newborn and other infants] Levi P, et al. **Minerva Pediatr** 29(22):1393–408, 23 Jun 77 **(Ita)**
[Role of the functional incompetence of the thrombocytes in the etiology of Werlhof's disease] Iurlov VM. **Probl Gematol Pereliv Krovi** 22(3):23–6, Mar 77 (Eng. Abstr.) **(Rus)**
[Correlation between products of fibrin degradation and platelet dysfunction in chronic renal failure. Effects of aspirin] Lazzari MA, et al. **Medicina (B Aires)** 37(2):97–105, Mar–Apr 77 (Eng. Abstr.) **(Spa)**

CONGENITAL

Congenital release thrombocytopathy: pathophysiology and management. Adashi E, et al. **Obstet Gynecol** 48(4):403–6, Oct 76
[New aspects of the differential diagnosis of congenital and acquired thrombopathies] Scharrer I, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1638–40, 1976 **(Ger)**
[Congenital thrombocytopathies: historical background and present state (editorial)] Hermansky F. **Haematologica (Pavia)** 62(3):229–40, Jun 77 **(Ita)**
[A case of hemorrhagiparous thrombocytic dystrophy or Bernard-Soulier disease] Chiave P. **Minerva Pediatr** 28(39):2447–8, 15 Dec 76 **(Ita)**

DIAGNOSIS

Evaluation of hematologic abnormalities in the nonbleeding postoperative patient. Palmer RL, et al. **Am J Surg** 133(2):194–8, Feb 77
Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)
Qualitative platelet abnormality due to absent collagen-induced aggregation [letter]. Mielke CH, et al. **Thromb Haemostas** 36(1):283, 31 Aug 76
Enhancement of platelet sensitivity to ADP-aggregation by isometric exercise in arteriosclerosis patients and its prevention. Sano T, et al. **Thromb Haemostas** 37(2):329–38, 30 Apr 77
[Filtration pressure of platelet rich plasma (PRP) during various stresses] Larcan A, et al. **Agressologie** 17(6):379–88, 1976 (Eng. Abstr.) **(Fre)**
[New aspects of the differential diagnosis of congenital and acquired thrombopathies] Scharrer I, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1638–40, 1976 **(Ger)**
[Clinical considerations and ultrastructural findings in a case of Glanzmann's thrombasthenia] Balsamo V, et al. **Minerva Pediatr** 29(10):657–64, 24 Mar 77 **(Ita)**
[Methods of diagnosis in thrombocytopathies] Smolianitskii AIa, et al. **Lab Delo** (4):195–201, 1976 **(Rus)**
[Automatic registration of thrombocyte aggregation] Fedorova ZD, et al. **Nov Med Tekh** (3):58–60, 1976 (Eng. Abstr.) **(Rus)**
[Measurement of platelet retention by glass beads. Normal values in children and adults (author's transl)] Aranda Torrelio E, et al. **Rev Invest Clin** 29(1):13–21, Jan–Mar 77 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Inhibition of platelet function with bencyclane. Bédi J, et al. **Ther Hung** 24(2):50–5, 1976

Demonstration of thrombopoietin production after plasma infusion in a patient with congenital thrombopoietin deficiency [letter] McDonald TP, et al. **Thromb Haemostas** 37(3):577–9, 30 Jun 77

[Disorders of haemostasis in patients undergoing maintenance haemodialysis, with special reference to recurrent arteriovenous fistula thrombosis. Effects of dipyridamole (author's transl)] Jacques C, et al. **Pathol Biol (Paris)** 24 Suppl:27–32, Dec 76 (Eng. Abstr.) **(Fre)**

[Acetylsalicylic acid and platelet aggregation. Clinical study] Bertulla A, et al. **Ateneo Parmense [Acta Biomed]** 47(6):707–19, Nov–Dec 76 (Eng. Abstr.) **(Ita)**

[Disorders of thrombocytic hemostasis and their correction] Pavlovskiĭ DP. **Vestn Khir** 118(4):130–6, Apr 77 **(Rus)**

ENZYMOLOGY

[Thrombocytopathia with cyclo–oxygenase deficiency] Dechavanne M, et al. **Nouv Rev Fr Hematol** 16(3):421–6, 1976 (Eng. Abstr.) **(Fre)**

[Enzyme activities in thrombocytes of various density in subjects with normal and elevated thrombocyte count] Nerke O, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1626–8, 1976 **(Ger)**

ETIOLOGY

Platelet dysfuction after intravenous infusion of fat emulsion. Atik M. **Acta Chir Scand [Suppl]** (466):68–9, 1976

The association of maternal and neonatal thrombocytopenia in high–risk pregnancies. Kleckner HB, et al. **Am J Obstet Gynecol** 128(3):235–8, 1 Jun 77

Blood platelets: their behavior with respect to extracorporeal membrane oxygenation. pp. 105–21. Salzman EW. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (68 ref.)

Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123–36. Spragg RG, et al. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (69 ref.)

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

Hematologic and oncologic implications of alcoholism. Green JB 3d, et al. **Postgrad Med** 61(5):149–54, May 77

[Filtration pressure of platelet rich plasma (PRP) during various stresses] Larcan A, et al. **Agressologie** 17(6):379–88, 1976 (Eng. Abstr.) **(Fre)**

[The platelet defect in myeloproliferative disorder (author's transl)] Delobel J. **Nouv Rev Fr Hematol** 16(3):443–6, 1976 (Eng. Abstr.) **(Fre)**

[Platelet abnormalities in dysproteinemias (author's transl)] Parquet–Gernez A, et al. **Nouv Rev Fr Hematol** 16(3):437–42, 1976 (Eng. Abstr.) **(Fre)**

[Disorders of haemostasis in patients undergoing maintenance haemodialysis, with special reference to recurrent arteriovenous fistula thrombosis. Effects of dipyridamole (author's transl)] Jacques C, et al. **Pathol Biol (Paris)** 24 Suppl:27–32, Dec 76 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

Inherited platelet abnormalities associated with low factor VIII activity in the same family. Ponari O, et al. **Acta Haematol (Basel)** 57(4):225–32, Mar 77

X–linked syndrome of platelet dysfunction, thrombocytopenia, and imbalanced globin chain synthesis with hemolysis. Thompson AR, et al. **Blood** 50(2):303–16, Aug 77

Platelet membrane defects in Glanzmann's thrombasthenia. Evidence for decreased amounts of two major glycoproteins. Phillips DR, et al. **J Clin Invest** 60(3):535–45, Sep 77

[Blood platelet disorders. I. Genetically determined syndrome] Michalski R, et al. **Acta Haematol Pol** 8(1):49–55, Jan–Mar 77 (30 ref.) **(Pol)**

[Hereditary thrombocytopathies (literature survey and personal data)] Shabanov NP. **Probl Gematol Pereliv Krovi** 21(7):40–9, Jul 76 (154 ref.) **(Rus)**

IMMUNOLOGY

Adhesion and aggregation of human platelets to rabbit subendothelium. A new approach for investigation: specific antibodies. Caen JP, et al. **Experientia** 33(1):91–3, 15 Jan 77

METABOLISM

Defective platelet lipid peroxidation in myeloproliferative disorders: a possible defect of prostaglandin synthesis. Keenan JP, et al. **Br J Haematol** 35(2):275–83, Feb 77

Thromboxane synthesis and the platelet release reaction in Bernard–Soulier syndrome, thrombasthenia Glanzmann and Hermansky–Pudlak syndrome. Malmsten C, et al. **Br J Haematol** 35(4):511–520, Apr 77

Platelet membrane glycoproteins: a role in the haemostatic process? Jenkins CS, et al. **Neth J Med** 19(6):291–5, 1976

[Membrane structure and functions of human platelets (author's transl)] Ando Y. **Acta Haematol Jpn** 39(5):653–63, Oct 76 (Eng. Abstr.) **(Jpn)**

OCCURRENCE

Inherited bleeding syndromes in Iraq. Al–Mondhiry HA. **Thromb Haemostas** 37(3):549–55, 30 Jun 77

PATHOLOGY

Demonstration of thrombopoietin production after plasma infusion in a patient with congenital thrombopoietin deficiency [letter] McDonald TP, et al. **Thromb Haemostas** 37(3):577–9, 30 Jun 77

[Clinical considerations and ultrastructural findings in a case of Glanzmann's thrombasthenia] Balsamo V, et al. **Minerva Pediatr** 29(10):657–64, 24 Mar 77 **(Ita)**

PHYSIOPATHOLOGY

Adhesion and aggregation of human platelets to rabbit subendothelium. A new approach for investigation: specific antibodies. Caen JP, et al. **Experientia** 33(1):91–3, 15 Jan 77

[Role of the functional incompetence of the thrombocytes in the etiology of Werlhof's disease] Iurlov VM. **Probl Gematol Pereliv Krovi** 22(3):23–6, Mar 77 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Role of pulmonary transplantation in patients with acute respiratory failure. pp. 483–8. Skoskiewicz MJ. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (17 ref.)

THERAPY

Ischemic therapy in thrombocytopenia from hypersplenism. Witte CL, et al. **Arch Surg** 111(10):1115–21, Oct 76

Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133–45, Sep 77 (91 ref.)

Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)

BLOOD PLATELETS

Acute promyelocytic leukemia: results of therapy and analysis of 13 cases. Ruggero D, et al. **Acta Haematol (Basel)** 58(2):108–19, 1977

Studies on human platelets stored at 20–22 degrees C without agitation. Vainer H, et al. **Acta Haematol (Basel)** 56(3):160–73, 1976

Effect of prednisolone on megakaryocytopoiesis in mice. Yoda Y, et al. **Acta Haematol Jpn** 40(1):141–6, Feb 77

Myelofibrosis and rapid thrombocytolysis. A case report. Kutti J, et al. **Acta Med Scand** 201(3):249–55, 1977

Thrombocythaemia and multiple myeloma. A report on two cases. Selroos O, et al. **Acta Med Scand** 201(3):243–7, 1977

Disseminated intra–vascular coagulation and blood flow following prolonged ischemia of the cat brain. Hossmann V, et al. **Acta Neurol Scand [Suppl]** 56(64):420–1, 1977

Atherosclerosis––morphological aspects. Nelson E, et al. **Adv Neurol** 16:31–8, 1977

Platelet and fibrinogen survival in coronary atherosclerosis. Response to medical and surgical therapy. Ritchie JL, et al. **Am J Cardiol** 39(4):595–8, Apr 77 (Eng. Abstr.)

Electronic platelet counts [letter]. Weisbrot IM. **Am J Clin Pathol** 67(3):313–4, Mar 77

A critical analysis of platelet counting methods. Wertz RK, et al. **Am J Clin Pathol** 68(1 Suppl):195–201, Jul 77

Predictive value of cross-matching for transfusion of platelet concentrates to alloimmunized recipients. Filip DJ, et al. **Am J Hematol** 1(4):471–9, 1976

Treatment of refractory thrombocytopenic purpura with cyclophosphamine. Verlin M, et al. **Am J Hematol** 1(1):97–104, 1976

Intravascular coagulation associated with the adult respiratory distress syndrome. Bone RC, et al. **Am J Med** 61(5):585–9, Nov 76

Chronic intravascular coagulation associated with chronic myelocytic leukemia. Use of heparin in connection with a surgical procedure. German HJ, et al. **Am J Med** 61(4):547–52, Oct 76

Mediastinal irradiation for chronic lymphocytic leukemia. Sawitsky A, et al. **Am J Med** 61(6):892–6, Dec 76

Hematology problem. Sealfon MS, et al. **Am J Med Technol** 43(2):136–7, Feb 77

High-dose methotrexate for the patient with osteogenic sarcoma. Nirenberg A. **Am J Nurs** 76(11):1776–80, Nov 76

Coagulation and fibrinolysis in molar pregnancy. López-Llera M, et al. **Am J Obstet Gynecol** 127(8):855–60, 15 Apr 77

Function of human platelets during extracorporeal circulation. Hennessy VL Jr, et al. **Am J Physiol** 232(6):H622–8, Jun 77

The effects of operative stress on the coagulation profile. Collins GJ Jr, et al. **Am J Surg** 133(5):612–6, May 77

The effect of bone cement used for stabilization of endoprostheses on blood clotting system activity. Gaszyński W, et al. **Anaesth Resusc Intensive Ther** 4(4):237–44, Oct-Dec 76

A study of disseminated intravascular coagulation with the ethanol gelation test in severely injured patients. Avikainen V. **Ann Chir Gynaecol** 66(2):82–6, 1977

Intravascular hemolysis, thrombocytopenia, leukopenia, and circulating immune complexes after jejunal-ileal bypass surgery. Moake JL, et al. **Ann Intern Med** 86(5):576–8, May 77

Metabolic influences in experimental thrombosis. Antoniades HN, et al. **Ann NY Acad Sci** 275:28–46, 1976

Autologous blood in the treatment of intraoperative hemorrhage. Bonfils-Roberts EA, et al. **Ann Surg** 185(3):321–5, Mar 77

The effect of the distal splenorenal shunt on hypersplenism. Hutson DG, et al. **Ann Surg** 185(5):605–12, May 77

Blood bank's link to OR. Pratt ML. **AORN J** 25(6):1058–68, May 77

Effects of cold-shock on blood cells in a fresh water tropical teleost, Colisa fasciatus. Agrawal U, et al. **Arch Anat Microsc Morphol Exp** 65(3):165–74, 1976

Serotonin metabolism in cystic fibrosis. Partington MW, et al. **Arch Dis Child** 52(5):386–90, May 77

Ischemic therapy in thrombocytopenia from hypersplenism. Witte CL, et al. **Arch Surg** 111(10):1115–21, Oct 76

Changes in blood enzyme activity and hematology of rats with decompression sickness. Freeman DJ, et al. **Aviat Space Environ Med** 47(9):945–9, Sep 76

An analysis of the effect of random and ageing mechanisms on the survival of platelets. Dassin E, et al. **Biomedicine [Express]** 25(1):23–5, 10 Feb 76

Geometry of normal mammalian platelets by quantitative microscopic studies. Frojmovic MM, et al. **Biophys J** 16(9):1071–89, Sep 76

Heterogeneity of human whole blood platelet subpopulations. I. Relationship between buoyant density, cell volume, and ultrastructure. Corash L, et al. **Blood** 49(1):71–87, Jan 77

A platelet abnormality in the Chediak-Higashi syndrome of man. Costa JL, et al. **Blood** 48(4):517–20, Oct 76

Influence of HLA-A2 on the effectiveness of platelet transfusions in alloimmunized thrombocytopenic patients. Duquesnoy RJ, et al. **Blood** 50(3):407–12, Sep 77

Thrombocytotic suppression of megakaryocyte production from stem cells. Goldberg J, et al. **Blood** 49(1):59–69, Jan 77

Platelet volume and aspirin-induced inhibition of aggregation [letter]. O'Brien JR, et al. **Blood** 48(4):623–4, Oct 76

Stimulation of megakaryocytopoiesis by acute thrombocytopenia in rats. Odell TT, et al. **Blood** 48(5):765–75, Nov 76

Acquired storage pool disease in platelets during disseminated intravascular coagulation. Pareti FI, et al. **Blood** 48(4):511–5, Oct 76

Megathrombocytes and sickle cell anemia [letter]. Popescu ER, et al. **Blood** 49(3):490–1, Mar 77

Chronic granulocytic leukemia: cytogenetic conversion of the bone marrow with cycle-specific chemotherapy. Smalley RV, et al. **Blood** 50(1):107–13, Jul 77

Induction of thrombocytopenia by thrombopheresis in man: patterns of recovery in normal subjects during ethanol ingestion and abstinence. Sullivan LW, et al. **Blood** 49(2):197–207, Feb 77

Hematologic and immunologic studies in dogs given nitrogen mustard (hn3). Abb J, et al. **Blut** 35(1):51–6, 20 Jul 77

The use of RA 233 in the preparation of platelets, with the blood cell separator. Beyer JH, et al. **Blut** 35(1):75–6, 20 Jul 77

Prognosis in acquired aplastic anemia. An approach in the selection of patients for allogeneic bone marrow transplantation. Hellriegel KP, et al. **Blut** 34(1):11–8, Jan 77

Changes in the concentration of leucocytes and platelets in the peripheral blood during sterile inflammation in rabbits. Ng LF, et al. **Br J Exp Pathol** 58(2):200–8, Apr 77

Abnormal platelet function in Chediak-Higashi syndrome. Boxer GJ, et al. **Br J Haematol** 35(4):521–533, Apr 77

Banked blood microfiltration. I. Microfilter composed of five polyurethane foam layers with graded pore size. Guidoin RG, et al. **Br J Haematol** 33(4):583–90, Aug 76

Banked blood microfiltration. II. Dacron-wool microfilter. Guidoin RG, et al. **Br J Haematol** 33(4):591–9, Aug 76

Depression of the platelet count after inoculation of mice with L1210 or L5178Y cells. Hacker M, et al. **Br J Haematol** 35(3):465–71, Mar 77

Impairment by heparin of primary haemostasis and platelet [14C]5-hydroxytryptamine release. Heiden D, et al. **Br J Haematol** 36(3):427–36, Jul 77

Biphasic thrombopoietic response to severe hypobaric hypoxia. Jackson CW, et al. **Br J Haematol** 35(2):233–44, Feb 77

Platelet size and thrombocytopoietic stimulus in man [letter] Kelemen E. **Br J Haematol** 36(3):449–50, Jul 77

A comparison of platelet size, latelet count, and platelet 35S incorporation as assays for thrombopoietin. McDonald TP. **Br J Haematol** 34(2):257–67, Oct 76

Bone marrow culture studies in refractory cytopenia and 'smouldering leukaemia'. Milner GR, et al. **Br J Haematol** 35(2):251–61, Feb 77

Utilization of a new strength citrate anticoagulant during centrifugal plateletpheresis. I. Assessment of donor effects. Mishler JM, et al. **Br J Haematol** 34(3):387–94, Nov 76

Platelet density and size: the interpretation of heterogeneity. Penington DG, et al. **Br J Haematol** 34(3):365–76, Nov 76

Clinical experience with transfusion of cryopreserved platelets. Schiffer CA, et al. **Br J Haematol** 34(3):377–85, Nov 76

Preparation and storage of platelet concentrates. II. Storage variables influencing platelet viability and function. Slichter SJ, et al. **Br J Haematol** 34(3):403–19, Nov 76

Preparation and storage of platelet concentrates. I. Factors influencing the harvest of viable platelets from whole blood. Slichter SJ, et al. **Br J Haematol** 34(3):395–402, Nov 76

Metabolism and function of human platelets washed by albumin density gradient separation. Walsh PN, et al. **Br J Haematol** 36(2):287–96, Jun 77

Platelet function tests during major operation for gastro-intestinal carcinoma. Kokores JA, et al. **Br J Surg** 64(2):147–9, Feb 77

Suspension of non-viable fungal spores as a standard for platelet counting. Archer RK, et al. **Br Med J** 1(6067):1000–1, 16 Apr 77

Platelet and fibrinogen survival in acute promyelocytic leukaemia. Bennett M, et al. **Br Med J** 2(6035):565, 4 Sep 76

Responses to cinvristine in refractory idiopathic thrombocytopenic purpura. Burton IE, et al. **Br Med J** 2(6041):918, 16 Oct 76

Sodium valproate and thrombocytopenia. Winfiled DA, et al. **Br Med J** 2(6042):981, 23 Oct 76

Kinetics of cell deposition under the action of an external field. Marmur A, et al. **Bull Math Biol** 38(06):713–21, 1976

Values of three coagulation screening tests of precolostral calves. Border M. **Can J Comp Med** 40(3):265–9, Jul 76

Transient monocular blindness. Ross RT. **Can J Neurol Sci** 4(3):143–50, Aug 77 (51 ref.)

Bone marrow involvement in breast cancer: effect on response and tolerance to combination chemotherapy. Ingle JN, et al. **Cancer** 39(1):104–11, Jan 77

Chronic myelogenous leukemia: management of splenectomy in a high-risk population. McBride CM, et al. **Cancer** 39(2):653–8, Feb 77

Extreme thrombocytosis associated with malignancy. Spigel SC, et al. **Cancer** 39(1):339–41, Jan 77

Combination chemotherapy in advanced lung cancer with increased survival. Straus MJ. **Cancer** 38(6):2232–41, Dec 76

Blood coagulation changes in mice bearing Lewis lung carcinoma, a metastasizing tumor. Poggi A, et al. **Cancer Res** 37(1):272–7, Jan 77

Autologous blood transfusion during cardiopulmonary bypass.

Sherman MM, et al. **Chest** 70(5):592–5, Nov 76

Clinical evaluation of corticoid therapy in haematology. Mandelli F, et al. **Chronobiologia** 1 Suppl 1:443–8, Sep 74

Platelet survival time in patients with hypoxemia and pulmonary hypertension. Steele P, et al. **Circulation** 55(4):660–1, Apr 77

Intraoperative patient care. Fluid therapy. Giesecke AH Jr, et al. **Clin Anesth** 11(2):57–69, 1976

Double-antibody radioimmunoassay for factor VIII-related antigen. Green D, et al. **Clin Chem** 23(9):1648–53, Sep 77

Renal diseases. Mallick NP, et al. **Clin Haematol** 1(3):553–71, Oct 72

Infection. Murdoch JM, et al. **Clin Haematol** 1(3):619–44, Oct 72 (86 ref.)

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

Hypophosphatemia. Knochel JP. **Clin Nephrol** 7(4):131–7, Apr 77

Hematological and vascular concepts in relation to stroke. Didisheim P, et al. **Clin Neurosurg** 23:125–39, 1976

The incidence of post-operative deep vein thrombosis after splenectomy. Butler MJ, et al. **Clin Oncol** 3(1):51–6, Mar 77

Coagulation defects following whole body hyperthermia in the treatment of disseminated cancer: a limiting factor in treatment. Ludgate CM, et al. **Clin Oncol** 2(3):219–25, Sep 76

Indicators of intensive care in critically ill patients. Cullen DJ, et al. **Crit Care Med** 5(4):173–9, Jul–Aug 77

Trace elements analysis in biological samples by radioisotopic x-ray fluorescence. Cesareo R. **Eur J Nucl Med** 1(1):49–56, 1976

Septicemia in the newborn due to gram-negative bacilli. Risk factors, clinical symptoms, and hematologic changes. Töllner U, et al. **Eur J Pediatr** 123(4):243–54, 3 Nov 76

Microembolism in experimental septic shock. Distribution of platelets and fibrinogen after intravenous injection of disintegrated Pseudomonas bacteria to dogs. Myrvold HE, et al. **Eur Surg Res** 9(1):34–47, 1977

Effects of chronic hypoxia on platelet production in mice. Langdon JR, et al. **Exp Hematol** 5(3):191–8, May 77

Hematologic changes and thrombopoietin production in mice after X-irradiation and platelet-specific antisera. McDonald TP, et al. **Exp Hematol** 5(4):291–8, 1977

Susceptibility of volume stress in Colisa fasciatus. Agrawal U, et al. **Folia Haematol (Leipz)** 103(4):530–3, 1976

The human blood platelet: its derivation from the red blood cell. A morphologic study. Leiter SS. **Folia Haematol (Leipz)** 103(6):878–82, 1976 (Eng. Abstr.)

Nephelometric study of the clotting of blood plasma (fibrinogen-fibrin phase) by patients with delirium tremens and chronic alcoholics. Tarálov S, et al. **Folia Med (Plovdiv)** 18(2):171–6, 1976

Disseminated intravascular coagulation in nonocclusive mesenteric ischemia: the lack of specificity of fibrin thrombi in intestinal infarction. Brandt LJ, et al. **Gastroenterology** 71(6):954–7, Dec 76

Intravenous chemotherapy with concurrent peritioneal dialysis: continued treatment of ovarian carcinoma after drug toxicity. Wallach RC, et al. **Gynecol Oncol** 4(3):299–306, Sep 76

Aids in the management of leukemia (cellremoval by continuous flow leukapheresis and impulsecytophotometry). Höcker P, et al. **Haematol Bluttransfus** 19:285–95, 1976

Prognostic criteria and staging in ALL in childhood. Hrodek O, et al. **Haematologia (Budap)** 10(1):33–9, 1976

Thrombocytopoietic serum activity in thrombocytopenia induced by antithrombocytic serum in mice. Marosi Z, et al. **Haematologia (Budap)** 10(2):249–53, 1976

Platelet transfusion. Curtoni ES, et al. **Haematologica (Pavia)** 61(4):498–510, Dec 76

A technique for the evaluation of platelet-collagen adhesiveness in vitro. Aznar J, et al. **Haemostasis** 5(5):318–27, 1976

Evaluation of hypercoagulability in septic abortion. Graeff H, et al. **Haemostasis** 5(5):285–94, 1976

Alteration of rat bone marrow megakaryocytes following administration of cytosine arabinoside, daunomycin and hydroxyurea. Jerushalmy Z, et al. **Haemostasis** 6(2):110–7, 1977

Binding of 14C-ADP by thrombasthenic platelet membranes. Legrand C, et al. **Haemostasis** 5(4):231–8, 1976

Use of rabbit antisera in the preparation of factor-XII-free platelet-rich and platelet-poor plasma. Muntz RH, et al. **Haemostasis** 6(1):35–40, 1977

Use of platelet antagonists in the treatment of migraine [editorial]. Dalessio DJ. **Headache** 16(3):129–30, Jul 76

Cytotoxic antibodies to cultured human lymphoid cells in polytransfused thrombocytopenic patients: association with reduced survival of allogeneic transfused platelets. Ferrone S, et al. **Immunol Commun** 6(3):267–82, 1977

Extracorporeal circulation and the effect of bubble oxygenation on plasma proteins. pp. 213–25. Wandall HH.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Experimental endocarditis. pp. 43–59. Archer GL.
In: Duma RJ, ed. Infections of prosthetic heart values and vascular grafts. Baltimore, Univ Park Press, 1977. WG 168 I43 1976.

Drug interactions involving cellular transport and storage mechanisms. pp. 57–86. Boullin DJ.
In: Grahame-Smith, DG, ed. Drug interactions. Baltimore, Univ Park Press, 1977. QV 38 D7932 1975.

Bone marrow transplantation in severe aplastic anemia. pp. 47–54. Gale RP.
In: Human bone marrow transplantation. Washington, American Assoc. of Blood Banks, 1976. WH 380 S989h 1976.

Marrow transplantation for acute leukemia. pp. 19–28. Thomas ED.
In: Human bone marrow transplantation. Washington, American Assoc. of Blood Banks, 1976. WH 380 S989h 1976.

Normal platelet numbers. Pulmonary-platelet interactions. pp. 89–97. Crosby WH.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Platelets: the last hundred years. pp. 5–22. Mielke CH Jr.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Platelet kinetics--1975. pp. 98–104. Ries CA.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (35 ref.)

The platelet and coronary artery disease. pp. 125–40. Sahud MA.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (88 ref.)

Coagulation, heparin and thromboembolism. pp. 283–92. Schander K, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Clinical experience with extracorporeal membrane oxygenation hematology. pp. 137–40. Bloom S, et al.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.

Long-term perfusion with the membrane lung in lambs. pp. 235–53. Kolobow T, et al.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.

Observation on second heterotypic dengue virus infection in mice. Sarkar JK, et al. **Indian J Med Res** 64(12):1713–9, Dec 76

Effect of Friend leukemia virus on megakaryocytes and platelets in mice. Brown WM, et al. **Int J Cancer** 18(6):764–73, 15 Dec 76

Effect of xanthinol nicotinate treatment on platelet aggregation. Seidel G, et al. **Int J Clin Pharmacol Biopharm** 15(3):139–43, Mar 77

Differences in the infectivity of Babesia incubated in plasma and serum and the role of glucose in prolonging viability. Farlow GE. **Int J Parasitol** 6(6):513–6, Dec 76

Bone marrow transplantation in aplastic anaemia. Mullins GM, et al. **Ir J Med Sci** 145(5):156–62, May 76

Hematologic changes after two exposures to 6.7 ATA air at three-day intervals. Jacey MJ, et al. **J Appl Physiol** 42(6):838–44, Jun 77

Development of blood-compatible elastomers. V. Surface structure and blood compatibility of avcothane elastomers. Nyilas E, et al. **J Biomed Mater Res** 11(1):69–84, Jan 77

Plasma heparin neutralizing activity in patients with valvular stenosis and prosthetic heart valves. Dana B, et al. **J Cardiovasc Surg (Torino)** 18(1):29–34, Jan–Feb 77

Use of the spiral coil membrane oxygenator during open heart surgery in infants and children. Saxena NC, et al. **J Cardiovasc Surg (Torino)** 18(1):1–7, Jan–Feb 77

Fluorescent antibody localization of myosin in the cytoplasm, cleavage furrow, and mitotic spindle of human cells. Fujiwara K, et al. **J Cell Biol** 71(3):848–75, Dec 76

Automation in the hematology laboratory. De Lange JA, et al. **J Clin Chem Clin Biochem** 14(10):485–97, Oct 76

Platelet levels in pregnancy [letter]. Cairns JW, et al. **J Clin Pathol** 30(4):392, Apr 77

The platelet count in pregnancy. Fenton V, et al. **J Clin Pathol** 30(1):68–9, Jan 77

Evaluation of a semi-automated platelet-counting system. Rowan RM, et al. **J Clin Pathol** 30(4):361–6, Apr 77

Platelet dynamics in chronic liver disease with special reference to the role of the spleen. Toghill PJ, et al. **J Clin Pathol** 30(4):367–71, Apr 77

Long-term controlled clinical trial of a new anti-inflammatory drug, diftalone, in rheumatoid arthritis. Stroescu V, et al. **J Int Med Res** 4(1):23–33, 1976

Heparin-induced coagulopathy. Bell WR, et al. **J Lab Clin Med** 89(4):741–50, Apr 77

Effects of a plasticizer leached from polyvinyl chloride on the subhuman primate: a consequence of chronic transfusion therapy. Jacobson MS, et al. **J Lab Clin Med** 89(5):1066–79, May 77

Hemoperfusion through albumin-conjugated agarose gel for the treatment of neonatal jaundice in premature rhesus monkeys. Scharschimidt BF, et al. **J Lab Clin Med** 89(1):101–9, Jan 77

The use of calcium chelating agents and prostaglandin E to eliminate platelet and white blood cell losses resulting from hemoperfusion through uncoated charcoal, albumin-agarose gel, and neutral and cation exchange resins. Scharschmidt BF, et al. **J Lab Clin Med** 89(1):110–9, Jan 77

Use of blood and blood products. Glassman AB, et al. **J Med Assoc Ga** 65(12):456–60, Dec 76

Gallium-68 labeled red cells and platelets: new agents for positron tomography. Welch MJ, et al. **J Nucl Med** 18(6):558–62, Jun 77

Current concepts of blood transfusion. Valeri CR. **J Oral Surg** 35(9):707–12, Sep 77

An electron-microscope study of the mechanism of bleeding in experimental thrombocytopenia. Dale C, et al. **J Pathol** 121(4):193–204, Apr 77

Membrane oxygenation in baboons without anticoagulants. Fletcher JR, et al. **J Surg Res** 22(3):273–80, Mar 77

Autologous blood transfusion during cardiac surgery. A re-evaluation of three methods. Kaplan JA, et al. **J Thorac Cardiovasc Surg** 74(1):4–10, Jul 77

Fresh platelet-rich plasma from a flow-through centrifuge for lamb heart perfusion at 13degrees C. Protective effect of added erythrocytes. Suaudeau J, et al. **J Thorac Cardiovasc Surg** 72(5):769–77, Nov 76

Platelet transfusion in immune thrombocytopenic purpura [letter]. Abrahm J, et al. **JAMA** 236(16):1847, 18 Oct 76

Hematologic changes in a patient with Hodgkin's disease in relapse. Ginsburg AD, et al. **JAMA** 238(12):1272–3, 19 Sep 77

Plateletpheresis vs plateletapheresis or thrombocytapheresis [letter]. Strates BS. **JAMA** 236(20):2284, 15 Nov 76

Scintigraphic diagnosis of experimental pulmonary embolism with In-111-labeled platelets. McIlmoyle G, et al. **JNM** 18(9):910–4, Sep 77

Computerized calculation of platelet counts obtained with particle counters. Evatt BL. **Johns Hopkins Med J** 141(3):163–6, Sep 77

Evaluation of indium-111 as a new high photon yield gamma-emitting 'physiological' platelet label. Scheffel U, et al. **Johns Hopkins Med J** 140(6):285–93, Jun 77

Shock in patients with disseminated intravascular coagulation (DIC). Matsuda T, et al. **Jpn Circ J** 41(4):376–82, Apr 77

Fixed-bed charcoal hemoperfusion for the treatment of drug overdose. Barbour BH, et al. **Kidney Int [Suppl]** (7):S333–7, Dec 76

The rationale for fixed-bed charcoal in hemoperfusion. Hill JB, et al. **Kidney Int [Suppl]** (7):S328–32, Dec 76

Evaluation and selection of activated carbon for hemoperfusion. Walker JM, et al. **Kidney Int [Suppl]** (7):S320–7, Dec 76

Loss of sulfated proteoglycan from the surface of rabbit platelets during adenosine 5'-diphosphate-induced aggregation. Ward JV, et al. **Lab Invest** 35(4):337–42, Oct 76

Radially oriented fibrin crystallisation. A new test for endotoxin sensitivity in man. Juhlin L, et al. **Lancet** 1(8001):21–3, 1 Jan 77

Pathogenesis of atherosclerosis. Gorlin R. **Major Probl Intern Med** 11:29–39, 1976

Heart valve replacement with the pivoting disc prosthesis: appraisal of results and description of a new all-carbon model. Lillehei CW. **Med Instrum** 11(2):85–94, Mar-Apr 77

Transfusion therapy of thrombocytopania (letter). Davey MG. **Med J Aust** 2(23):884, 4 Dec 76

Transfusion therapy of thrombocytopenia: a reappraisal. Hunt FA, et al. **Med J Aust** 2(18):671–3, 30 Oct 76

An assessment of platelet counting methods. Ashman B. **Med Lab Sci** 33(3):201–8, Jul 76

Trousseau's syndrome and other manifestations of chronic disseminated coagulopathy in patients with neoplasms: clinical, pathophysiologic, and therapeutic features. Sack GH Jr, et al. **Medicine (Baltimore)** 56(1):1–37, Jan 77

Correlation of platelet aggregation, plasma factor activity, and megathrombocytes in diabetic subjects with an without vascular disease. Colwell JA, et al. **Metabolism** 26(3):279–85, Mar 77

Recovery from aplastic anemia after treatment with cyclophosphamide. Baran DT, et al. **N Engl J Med** 295(27):1522–3, 30 Dec 76

Platelet survival in homocystinuria [letter]. Scott CR. **N Engl J Med** 295(21):1200, 18 Nov 76

Use of plasma pharmacokinetics to predict and prevent methotrexate toxicity. Stoller RG, et al. **N Engl J Med** 297(12):630–4, 22 Sep 77

Preleukemia: does it exist? Killmann SA. **Nouv Rev Fr Hematol Blood Cells** 17(1–2):81–105, 1976

Hematology: part VIII. Coagulation studies: part 1. Tests of vascular and platelet function. Byrne J. **Nursing (Jenkintown)** 7(5):8–10, May 77

Congenital release thrombocytopathy: pathophysiology and management. Adashi E, et al. **Obstet Gynecol** 48(4):403–6, Oct 76

Glanzmann's thrombasthenia in a Melanesian. Amato D. **Papua New Guinea Med J** 19(3):176–80, Sep 76

The structure and function of platelets, with emphasis on their contractile nature. Gerrard JM, et al. **Pathobiol Annu** 6:31–59, 1976 (73 ref.)

A rapid method for assessing megathrombocytes: its application to thrombocytotic and acquired thrombocytopenic states. Hunt FA. **Pathology** 8(1):47–55, Jan 76

Care of the critically ill child: the bleeding neonate. Glader BE, et al. **Pediatrics** 58(4):548–55, Oct 76

Thrombocytopenic purpura associated with exanthema subitum [letter] Nishimura K, et al. **Pediatrics** 60(2):260, Aug 77

The role of coagulation and fibrinolysis in preeclampsia. Bonnar J, et al. **Perspect Nephrol Hypertens** 5:85–93, 1976

Does coagulation have a causative role in eclampsia? Pritchard JA, et al. **Perspect Nephrol Hypertens** 5:95–102, 1976

Haematological abnormalities in acute pancreatitis. A prospective study. Murphy D, et al. **Postgrad Med J** 53(620):310–4, Jun 77

Receptor diffusion on cell surfaces modulated by locally bound concanavalin A. Schlessinger J, et al. **Proc Natl Acad Sci USA** 74(3):1110–4, Mar 77

Inhibition of rabbit platelet aggregation and clot retraction by rabbit and human c-reactive proteins. Marder RJ, et al. **Proc Soc Exp Biol Med** 155(1):44–7, May 77

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

Transcatheter splenic arterial occlusion: an experimental study in dogs. Anderson JH, et al. **Radiology** 125(1):95–102, Oct 77

Localization of fresh experimental venous thrombi in rabbits using 99mTc-oxine-labeled autologous platelets. Wistow BW, et al. **Radiology** 123(3):787–9, Jun 77

Identification and isolation of a thrombocytopoietic thymic factor. Pittoni G, et al. **Riv Biol** 69(3–4):227–63, Jul–Dec 76 **(Eng, Ita)**

Garcia's disease. Cyclic thrombocytopenic purpura in a child and abnormal platelet counts in his family. Aranda E, et al. **Scand J Haematol** 18(1):39–46, Jan 77

The haemostatic effect of 51CR-labelled blood platelets. An experimental study in the rabbit. Björnson J, et al. **Scand J Haematol** 18(4):326–32, Apr 77

Splenectomy in chronic lymphocytic leukaemia. Christensen BE, et al. **Scand J Haematol** 18(4):279–87, Apr 77

Platelet production capacity at intervals after acute thrombocytopenia. Jackson CW, et al. **Scand J Haematol** 17(4):285–92, Oct 76

In vitro culture of leukaemic cells from 81 patients with acute leukaemia. Knudtzon S. **Scand J Haematol** 18(5):377–94, May 77

The peripheral blood in chronic granulocytic leukaemia. Study of 50 untreated Philadelphia-positive cases. Spiers AS, et al. **Scand J Haematol** 18(1):25–38, Jan 77

Prevention of bleeding tendency after open-heart surgery for Tetralogy of Fallot. Eernisse JG, et al. **Scand J Thorac Cardiovasc Surg** 11(2):105–9, 1977

Moderate and extreme haemodilution in open-heart surgery. Blood requirements, bleeding and platelet counts. Lilleaasen P. **Scand J Thorac Cardiovasc Surg** 11(2):97–103, 1977

Radiopharmaceuticals for thrombus detection: selection,

preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)

Management of idiopathic thrombocytopenic purpura in the adult. Lacey JV, et al. **Semin Thromb Hemostas** 3(3):160–74, Jan 77 (67 ref.)

Idiopathic thrombocytopenic purpura in children. Lusher JM, et al. **Semin Thromb Hemostas** 3(3):175–99, Jan 77 (198 ref.)

Coagulopathy following experimental cerebral ischemia. Hossmann KA, et al. **Stroke** 8(2):249–54, Mar–Apr 77

Intravascular coagulation in surgical procedures on the abdominal aorta. Mulcare RJ, et al. **Surg Gynecol Obstet** 143(5):730–4, Nov 76

Microvascular anastomosis using a blood product sealant–adhesive. Pearl RM, et al. **Surg Gynecol Obstet** 144(2):227–31, Feb 77

Blood surface interactions in extravascular salvageable blood pools. Rakower SR. **Surg Gynecol Obstet** 145(4):555–8, Oct 77

Cerebral vasospasm [letter]. Kapp J, et al. **Surg Neurol** 6(6):334, Dec 76

The relationship of coagulation factors to clinical complications of acute pancreatitis. Ranson JH, et al. **Surgery** 81(5):502–11, May 77

Splenic artery ligation in experimental hypersplenism. Witte CL, et al. **Surgery** 80(5):581–5, Nov 76

Bleeding in uremic patients after carbenicillin. Andrassy K, et al. **Thromb Haemostas** 36(1):115–26, 31 Aug 76

Effect of platelet age on adhesiveness to collagen and platelet surface charge. Castellan RM, et al. **Thromb Haemostas** 36(2):392–400, 30 Nov 76

Report of the working party on platelets. Day HJ, et al. **Thromb Haemostas** 36(1):263–8, 31 Aug 76

Early venous thrombosis: A scanning electron microscopic study. Day TK, et al. **Thromb Haemostas** 37(3):477–83, 30 Jun 77

Marathon run II: Effects on platelet aggregation. Dimitriadou C, et al. **Thromb Haemostas** 37(3):451–5, 30 Jun 77

Family studies of patients with reduced ristocetin aggregation and abnormalities of factor VIII and/or platelet function. Ekert H, et al. **Thromb Haemostas** 36(1):78–85, 31 Aug 76

The young platelet population in children with cyanotic congenital heart disease. Goldschmidt B, et al. **Thromb Haemostas** 35(2):342–9, 30 Apr 76

Effects of matrix contact during gel filtration of human platelets in plasma. Lindon JN, et al. **Thromb Haemostas** 36(2):311–8, 30 Nov 76

In vivo labeling of platelets with 75Se –– selenomethionine in patients with hepatic cirrhosis and thrombocytopenia. Mayer M, et al. **Thromb Haemostas** 37(1):47–52, 28 Feb 77

Platelet preservation. II. The response of human platelet suspensions to hypotonic stress. Odink J. **Thromb Haemostas** 36(1):182–91, 31 Aug 76

Calcium electrode––a method for the continuous monitoring of the platelet release reaction. Robblee LS, et al. **Thromb Haemostas** 37(3):407–12, 30 Jun 77

Platelets in the urine: further evidence. Sutor AH, et al. **Thromb Haemostas** 36(3):647–8, 31 Dec 76

Platelet adhesiveness and fibrinolysis after recent cerebro–vascular accidents and their relationship with subsequent deep venous thrombosis of the legs. Warlow CP, et al. **Thromb Haemostas** 36(1):127–32, 31 Aug 76

Some observations on the preparation of platelet–rich plasma. Woods BP, et al. **Thromb Haemostas** 36(2):302–10, 30 Nov 76

The exclusion of the cerebral circulation: effect on the 'in vivo' platelet aggregation. Aragno R, et al. **Thromb Res** 9(4):319–27, Oct 76

The formation of a fibrinogen–activator complex by the action of streptokinase. Chesterman CN, et al. **Thromb Res** 10(3):421–30, Mar 77

Mechanical trauma effect on clot structure formation. Glover CJ, et al. **Thromb Res** 10(1):11–25, Jan 77

Platelet function in sickle cell anemia. Gruppo RA, et al. **Thromb Res** 10(3):235–35, Mar 77

Influence of dihydroergotoxine on platelet aggregation in rabbits. Markwardt F, et al. **Thromb Res** 10(6):783–9, Jun 77

Studies on human plasma antithrombin isolated on heparin gel. Medén–Britth G, et al. **Thromb Res** 9(4):369–78, Oct 76

Experience of extensive vascular surgery on defibrase–defibrinogenated patients. Olsson P, et al. **Thromb Res** 9(3):277–87, Sep 76

Polyphloretine phosphate as an inhibitor of platelet adhesion. Comparison with acetylsalicylic acid and dipyridamole. Olsson P, et al. **Thromb Res** 10(3):349–64, Mar 77

Evaluation of an amidolytic heparin assay method: increased sensitivity by adding purified antithrombin III. Teien AN, et al. **Thromb Res** 10(3):399–410, Mar 77

Indium–LLL labeled platelets: studies on preparation and evaluation of in vitro and in vivo functions. Thakur ML, et al. **Thromb Res** 9(4):345–57, Oct 76

Effects of sulphinpyrazone and dipyridamole on capillary bleeding time in man. Weston MJ, et al. **Thromb Res** 10(6):833–40, Jun 77

The major histocompatibility complex of rhesus monkeys, RhL––A. VII. Identification of five new serologically defined antigens. van Vreeswijk W, et al. **Tissue Antigens** 9(1):17–30, Jan 77

A standardized technique for efficient platelet and leukocyte collection using the Model 30 Blood Processor. Aisner J, et al. **Transfusion** 16(5):437–45, Sep–Oct 76

Component preparation record. Frohman EM. **Transfusion** 17(1):62–4, Jan–Feb 77

Citrate anticoagulants for plateletpheresis. Huestis DW, et al. **Transfusion** 17(2):151–5, Mar–Apr 77

Platelet–leukapheresis technics [letter] Kahn RA, et al. **Transfusion** 17(4):397–8, Jul–Aug 77

Graphs to facilitate the computation of patient response to platelet concentrates or antihemophiliac concentrate. Myhre BA, et al. **Transfusion** 17(2):179–80, Mar–Apr 77

Platelet preservation V. Survival, serotonin uptake velocity, and response to hypotonic stress of fresh and cryopreserved human platelets. Odink J, et al. **Transfusion** 17(3):203–9, May–Jun 77

Plateletpheresis residues: a source of large quantities of human blood lymphocytes. Segel GB, et al. **Transfusion** 16(5):455–9, Sep–Oct 76

Platelet transfusion survey in a regional blood program. Silva VA, et al. **Transfusion** 17(3):255–60, May–Jun 77

Preparation of cryoprecipitated factor VIII concentrates. Slichter SJ, et al. **Transfusion** 16(6):616–26, Nov–Dec 76

Viability and function of platelets frozen at 2 to 3 C per minute with 4 or 5 per cent DMSO and stored at –80 C for 8 months. Spector JI, et al. **Transfusion** 17(1):8–15, Jan–Feb 77

Fibrinolysis and disseminated intravascular coagulation in open heart sergery. Umlas J. **Transfusion** 16(5):460–3, Sep–Oct 76

A highly specialized and motivated volunteer population: platelet donors. Wendlandt GM, et al. **Transfusion** 17(3):218–20, May–Jun 77

Transfusion therapy of refractory thrombcytopenic patients with platelets from donors selectively mismatched for cross–reactive HLA antigens. Duquesnay RJ, et al. **Transplant Proc** 9(1 Suppl 1):221–4, Mar 77

National donor registry and computer transfusion programs for platelet transfusions. Graw RG, et al. **Transplant Proc** 9(1 Suppl 1):225–7, Mar 77

Biologic immunosuppression in renal transplantation using retroplacental (maternal) source gamma globulin. Riggio RR, et al. **Transplant Proc** 9(1):127–32, Mar 77

Atherosclerosis: its causes and potential reversibility. Gresham GA. **Triangle** 15(2–3):39–43, 1976 (18 ref.)

Platelet count in healthy full–term Nigerian neonates. Effiong CE, et al. **Trop Geogr Med** 28(4):329–32, Dec 76

The response of fish blood cells, particularly thrombocytes, to decompression. Casillas E, et al. **Undersea Biomed Res** 3(3):273–81, Sep 76

Identification of Ehrlichia canis in East Africa. Kaminjolo JS, et al. **Vet Rec** 99(22):434–5, 27 Nov 76

Haemostasis disorders in open heart surgery with extracorporeal circulation. Importance of the platelet function and the heparin neutralization. Moriau M, et al. **Vox Sang** 32(1):41–51, 1977

Plateletpheresis using the haemonetics model 30 cell separator. Nusbacher J, et al. **Vox Sang** 33(1):9–15, Jul 77

Laboratory and clinical effects of the infusion of ACD solution during plateletpheresis. Olson PR, et al. **Vox Sang** 33(2):79–87, Aug 77

Unrecognized causes of platelet transfusion failure in the presence of anti–HL–A antibodies. Hattersley PG. **West J Med** 126(4):263–6, Apr 77

On thrombocytopenia developing in mice bearing a spontaneously metastasizing tumor. Poggi A, et al. **Z Krebsforsch** 86(3):303–6, 30 Aug 76

[Normal hemostatic indices in experimental animals] Doichinov A, et al. **Eksp Med Morfol** 16(2):105–7, 1977 (Eng. Abstr.) **(Bul)**

[Influence of the rotating magnetic field 20 mT on splenectomized mice] Petz R, et al. **Vnitr Lek** 23(2):141–5, Feb 77 (Eng. Abstr.) **(Cze)**

[Splenectomy in chronic idiopathic thrombocytopenia] Parving HH, et al. **Ugeskr Laeger** 139(2):67–71, Jan 77 (Eng.

Abstr.) **(Dan)**

[Autotransfusion, an old concept with new interest] Buth J, et al. **Ned Tijdschr Geneeskd** 121(5):164–71, 29 Jan 77 (Eng. Abstr.) **(Dut)**

[Replacement therapy in bone marrow insufficiencies] Splinter AW. **Ned Tijdschr Geneeskd** 121(26):1061–6, 25 Jun 77 **(Dut)**

[Fetomaternal transfusion. Rhesus immunization and prevention. II. Rhesus immunization and prevention] Helderweirt G. **Verh K Acad Geneeskd Belg** 38(3–4):79–134, 1976 (144 ref.) **(Dut)**

[Direct action of extracorporeal circulation on platelets and coagulation factors] Baille Y, et al. **Ann Anesthesiol Fr** 18(1):43–50, 1977 (Eng. Abstr.) **(Fre)**

[Study of hemostasis factors in nephrotic syndrome. Pathogenic interpretation and therapeutic deductions] Bernard D, et al. **Ann Med Interne (Paris)** 128(4):325–33, Apr 77 (Eng. Abstr.) **(Fre)**

[Intravascular coagulation and severe hepatic failure in infants] Odievre M, et al. **Arch Fr Pediatr** 33(1):31–6, Jan 76 (Eng. Abstr.) **(Fre)**

[Integration of the somatic and psychiatric aspects of chronic alcoholism] Verbanck M, et al. **Bull Mem Acad R Med Belg** 131(9–11):483–99, 1976 **(Fre)**

[A surprising cause of error in platelet counting: intra–erythrocyte trophozoites (letter)] Seigneurin D. **Nouv Presse Med** 5(38):2552, 13 NOV 76 **(Fre)**

[Anti–D immunization following transfusion of leukocyte and platelet concentrates] Catoni–Charpentier MP. **Rev Fr Transfus Immunohematol** 20(2):349–50, Jun 77 **(Fre)**

[Medical progress. Blood platelets and cardiovascular diseases. I. Platelet biology] Jobin F. **Union Med Can** 105(2):231–5, Feb 76 (34 ref.) **(Fre)**

[Blood platelets and cardiovascular diseases. II. Atherosclerosis and thrombosis] Jobin F. **Union Med Can** 105(2):235–40, Feb 76 (29 ref.) **(Fre)**

[Diagnosis of acute acquired defects of coagulation and their therapy (author's transl)] Göbel EA. **Anaesthesist** 25(9):449–53, Sep 76 (Eng. Abstr.) **(Ger)**

[Effect of a preoperative separation of platelets on the postoperative blood loss subsequent to extracorporeal circulation in open heart surgery (author's transl)] Harke H, et al. **Anaesthesist** 26(2):64–71, Feb 77 (Eng. Abstr.) **(Ger)**

[Coagulation analytical studies in coli enterotoxemia in swine] Schimmel D, et al. **Arch Exp Veterinaermed** 31(1):15–27, 1977 (Eng. Abstr.) **(Ger)**

[Venous gas embolism during diagnostic and therapeutic interventions with special reference to pneumoperitoneum] Weiler G. **Beitr Gerichtl Med** 34:9–14, 1976 (Eng. Abstr.) **(Ger)**

[Histocompatibility and thrombocyte transfusion] Mueller–Eckhardt C. **Blut** 34(4):261–70, Apr 77 **(Ger)**

[Standardization of ADP–induced thrombocyte aggregation] von Voss H, et al. **Blut** 33(2):89–96, Aug 76 (Eng. Abstr.) **(Ger)**

[Effective treatment of duodenal ulcer with cimetidine (author's transl)] Domschke W, et al. **Dtsch Med Wochenschr** 101(48):1752–5, 26 Nov 76 (Eng. Abstr.) **(Ger)**

[Hemostatic defects in acute myeloid leukemias of the adult. Physiopathology and therapy] Trobisch H, et al. **Dtsch Med Wochenschr** 101(39):1430–3, 24 Sep 76 **(Ger)**

[Determination of the thrombocyte count in platelet–rich plasma] Maess M, et al. **Folia Haematol (Leipz)** 103(5):765–70, 1976 (Eng. Abstr.) **(Ger)**

[Blood coagulation activity and fibrinolysis in umbilical vein blood of healthy and asphyxiated newborn infants] Schander K, et al. **Fortschr Med** 95(22):1477–81, 9 Jun 77 (Eng. Abstr.) **(Ger)**

[New method of thrombocyte counting. Technic of electronic counting of low thrombocyte concentrations in peripheral blood] Schmidt M, et al. **Fortschr Med** 94(7):388–94, 4 Mar 76 (Eng. Abstr.) **(Ger)**

[Manufacture and transfusion of leukocyte and thrombocyte concentrates with special reference to organizational problems] Blauhut B. **Infusionsther Klin Ernaehr** 4(2):113–6, Apr 77 (Eng. Abstr.) **(Ger)**

[Manufacture and transfusion of leukocyte and thrombocyte concentrates with special reference to hematological problems] Höcker P, et al. **Infusionsther Klin Ernaehr** 4(2):106–11, Apr 77 (Eng. Abstr.) **(Ger)**

[Screening and rapid tests in hematology] Schneider W. **Internist (Berlin)** 17(9):425–9, Sep 76 **(Ger)**

[Retention of platelets in newborns (author's transl)] von Voss H, et al. **Klin Paediatr** 188(6):508–11, Nov 76 (Eng. Abstr.) **(Ger)**

[Relationships between hemopoiesis and peripheral blood counts in untreated and 32P–treated patients with polycythaemia vera (author's transl)] Hauswaldt C, et al. **Klin Wochenschr** 54(17):823–6, 1 Sep 76 **(Ger)**

[The pros and cons of haemoperfusion (author's transl)] Hennemann H, et al. **Klin Wochenschr** 55(11):533–7, 1 Jun 77 (Eng. Abstr.) **(Ger)**

[Platelet morphology and physical stress (author's transl)] Müller KM, et al. **Klin Wochenschr** 55(7):323–7, 1 Apr 77 (Eng. Abstr.) **(Ger)**

[Relations between complement and blood coagulation (author's transl)] Müller–Berghaus G. **Klin Wochenschr** 55(14):663–72, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Hepatic failure and disorders of coagulation (author's transl)] Ohler WG. **Leber Magen Darm** 7(4):270–6, Aug 77 (Eng. Abstr.) **(Ger)**

[Remission–influencing factors in acute myelogenic leukemia] Love RR, et al. **Med Klin** 72(15):631–6, 15 Apr 77 (13 ref.) **(Ger)**

[Theoretical basis and practical carrying out of an APTT control test for exact heparin monitoring (author's transl)] Vogel GE. **Med Klin** 72(6):207–11, 11 Feb 77 (Eng. Abstr.) **(Ger)**

[Is the blood platelet sedimentation reaction still of any significance?] **Med Monatsschr** 30(10):473–5, Oct 76 **(Ger)**

[Diagnostic therapeutic problems of defibrination syndrome in shock, sepsis, and neonatal hypoxia (author's transl)] Kirsch W, et al. **Monatsschr Kinderheilkd** 125(6):621–7, Jun 77 (32 ref.) (Eng. Abstr.) **(Ger)**

[Allergic vasculitis with arthritis due to bactrim allergy (author's transl)] Friess G, et al. **Munch Med Wochenschr** 119(28):959–60, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Thrombocyte kinetic results as expression of the functional situation of RES (author's transl)] Hillscher A, et al. **Radiobiol Radiother (Berl)** 18(2):201–6, 1977 (Eng. Abstr.) **(Ger)**

[Thrombocyte replacement with HL–A typed non–related single donors] Cornu P, et al. **Schweiz Med Wochenschr** 106(26):889–93, Jun 76 (Eng. Abstr.) **(Ger)**

[Microaggregates in preserved blood] Frey–Wettstein M, et al. **Schweiz Med Wochenschr** 106(42):1436–8, 16 Oct 76 (Eng. Abstr.) **(Ger)**

[Substitution ofpolysensitized patients with platelets from HL–A typed single donors] Gmür J, et al. **Schweiz Med Wochenschr** 106(40):1358–9, 2 Oct 76 (Eng. Abstr.) **(Ger)**

[The value of the thrombocytopenia test in the specific diagnosis of drug allergy, especially drug–exanthema] Wüthrich B, et al. **Schweiz Med Wochenschr** 106(23):789–94, 5 Jun 76 (Eng. Abstr.) **(Ger)**

[The problem of sealing of plastic blood vessel prostheses] Marshall M, et al. **Vasa** 5(2):122–4, 1976 **(Ger)**

[Use of blood–cell separators for the preparation of platelet concentrates and their evaluation through the determination of survival time] Borberg H, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1659–62, 1976 **(Ger)**

[Blood coagulation and its disorders in portal hypertension] Lasch HG. **Verh Dtsch Ges Inn Med** 82 Pt 1:190–8, 1976 **(Ger)**

[Effects of experimental hypovolaemic shock on platelets in the pig (author's transl)] Burghuber O, et al. **Wien Klin Wochenschr** 89(10):341–5, 13 May 77 (Eng. Abstr.) **(Ger)**

[Disorders of blood coagulatiion during haemoperfusion (author's transl)] Niessner H, et al. **Wien Klin Wochenschr** 89(10):347–50, 13 May 77 (Eng. Abstr.) **(Ger)**

[Corelations between thrombocyte count, clinical diagnosis, and liver pathology in chronic liver diseases] von Braun HH, et al. **Z Gastroenterol** 14(5): 538–47, Sep 76 (Eng. Abstr.) **(Ger)**

[Thromboses and haemorrhages in geriatrics (author's transl)] de Nicola PE. **ZFA [Dresden]** 31(6):553–8, 1976 (Eng. Abstr.) **(Ger)**

[Thrombocytopoietic effect induced by repeated administration of antithrombocyte serum] Cserháti I. **Orv Hetil** 117(35):2103–5, 29 Aug 76 **(Hun)**

[Hematological findings and blood coagulation tests in anorexia nervosa] Cravetto CA, et al. **Arch Sci Med (Torino)** 134(2):205–9, Apr–Jun 77 (Eng. Abstr.) **(Ita)**

[Classification and pathogenesis of thrombohemorrhagic events connected with surgery. Intravascular coagulation in surgery] Doni A. **Minerva Chir** 31(20):1109–18, 31 Oct 76 (Eng. Abstr.) **(Ita)**

[Polycythemia vera in childhood. Data on platelet function and blood coagulation factors] Esposito L, et al. **Pediatria (Napoli)** 84(2):208–23, 30 Jun 76 (Eng. Abstr.) **(Ita)**

[Data on the pathogenesis and therapy of the hemolytic-uremic syndrome] Esposito L, et al. **Pediatria (Napoli)** 85(1):61–72, 31 Mar 1977 (Eng. Abstr.) **(Ita)**

[Data on the behavior of hemopexin in acute leukemia in childhood in relation to the blood coagulation picture] Esposito L, et al. **Pediatria (Napoli)** 85(1):12–20, 31 Mar 1977 (Eng. Abstr.) **(Ita)**

[Regulation of hematopoiesis in erythroleukemia--A study on the depression of hematopoiesis following blood transfusion and spontaneous cyclic fluctuation of circulating granulocyte and platelet counts (author's transl)] Hotta T, et al. **Acta Haematol Jpn** 39(6):830–41, Dec 76 (Eng. Abstr.) **(Jpn)**

[Platelet counting method with Coulter thrombo counter (author's transl)] Kikuchi T, et al. **Jpn J Clin Pathol** 24(6):509–12, 1976 **(Jpn)**

[Pseudothrombocytopenia and the experimental evaluation for platelet counting (author's transl)] Yamamoto K, et al. **Jpn J Clin Pathol** 25(1):67–72, Jan 77 **(Jpn)**

[Blood clotting and fibrinolytic activity and platelet changes in chronic peripheral arterial insufficiency] Kaniak J, et al. **Pol Tyg Lek** 31(41):1757–60, 11 Oct 76 (Eng. Abstr.) **(Pol)**

[The use of a blood filter during extracorporeal circulation. Analysis of the behavior of platelets. Preliminary results] Castilho OT, et al. **Arq Bras Cardiol** 29(6):497–9, Dec 76 (Eng. Abstr.) **(Por)**

[Platelet activity in acute and chronic ischemic cardiopathy] Scrobohaci ML, et al. **Rev Med Intern [Med Intern]** 29(3):273–82, May–Jun 77 (Eng. Abstr.) **(Rum)**

[Electrokinetic properties of formed elements in blood exposed to physical factors] Rusiaev VF, et al. **Biofizika** 21(4):679–83, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Blood coagulation and functional characteristics of the thrombocytes in advanced stages of burns] Levin GIa, et al. **Khirurgiia (Mosk)** (6):44–9, Jun 77 (Eng. Abstr.) **(Rus)**

[Clinical and pathomorphological traits of influenza in 1974–1975] Miterev IuG, et al. **Klin Med (Mosk)** 55(5):80–6, May 77 (Eng. Abstr.) **(Rus)**

[Method of thrombocyte count with the use of conductometric counters] Ivleva AIa, et al. **Lab Delo** (4):208–11, 1976 **(Rus)**

[Method of thrombocyte count in the chamber] Peters VK. **Lab Delo** (8):495–6, 1976 **(Rus)**

[Individual prognosis of the onset of acute leukemia remission based on the lactate dehydrogenase activity of the blast cells before treatment and the clinical factors influencing the efficacy of the prognosis] Vialushkina MD, et al. **Pediatriia** (8):26–31, Aug 76 (Eng. Abstr.) **(Rus)**

[Certain indicators of functional characteristics of thrombocytes in hemorrhagic fever with nephrotic syndrome] Abdurashitov RF. **Sov Med** (5):131–3, 1976 **(Rus)**

[Replacement therapy in acute nomimmune thrombocytopenia] Gorodetskiĭ VM, et al. **Ter Arkh** 48(10):127–30, 1976 (Eng. Abstr.) **(Rus)**

[Thrombocytes in patients with severe course of pneumonia] Skipskiĭ IM. **Ter Arkh** 40(2):39–42, 1976 (Eng. Abstr.) **(Rus)**

[State of some immunological indices in patients with lupus erythematosus and scleroderma] Nesterenko GB, et al. **Vestn Dermatol Venerol** (6):16–9, Jun 77 (Eng. Abstr.) **(Rus)**

[Blood serotonin in stomach cancer] Agaev BA, et al. **Vopr Onkol** 23(5):50–4, 1977 (Eng. Abstr.) **(Rus)**

[Disorders of blood coagulation, platelet adhesiviness and platelet count in the intermediate coronary syndrome] Ruggiero HA, et al. **Arch Inst Cardiol Mex** 47(1):37–51, Jan–Feb 77 (Eng. Abstr.) **(Spa)**

[Platelet osmotic shock. I. Assessment and ultrastructural changes (author's transl)] Garcia-Conde J, et al. **Sangre (Barc)** 22(3):313–23, 1977 (Eng. Abstr.) **(Spa)**

ANALYSIS

A simple and rapid platelet calcium determination. Normal values and result in May-Hegglin anomaly. Creter D, et al. **Acta Haematol (Basel)** 57(3):168–70, 1977

The effects of L-DOPA, serotonin, reserpine and chlorpromazine on the daily rhythm of fluorescent intensity in leucocytes and blood platelets. Mato M, et al. **Acta Histochem (Jena)** 57(2):198–204, 1976

Fluctuation of fluorescent material in the rat's and human leucocytes under various situation. Mato M, et al. **Acta Histochem (Jena)** 57(2):191–7, 1976

Laboratory experience with a new autotransfusion device. Welch J, et al. **Arch Surg** 111(12):1374–8, Dec 76

Connective tissue activation. XI. Stimulation of glycosaminoglycan and DNA formation by a platelet factor. Castor CW, et al. **Arthritis Rheum** 20(3):859–68, Apr 77

Phosphorus-31 spectroscopic determinations of the phosphorus metabolite profiles of blood components: erythrocytes, reticulocytes, and platelets. Labotka RJ, et al. **Biochem Med** 15(3):311–29, Jun 76

Platelet membrane actin: solubility and binding studies with 125I-labelled actin. Taylor DG, et al. **Biochem Soc Trans** 4(1):156–60, 1976

Isolation of the membrane glycoproteins of human blood platelets by lectin affinity chromatography. Clemetson KJ, et al. **Biochim Biophys Acta** 464(3):493–508, 4 Feb 77

Studies on subcellular fractions of human platelets by the lactoperoxidase-iodination technique. Hagen I, et al. **Biochim Biophys Acta** 455(1):214–25, 11 Nov 76

Affinity chromatography of human plasma and platelet factor XIII on organomercurial agarose. Mcdonagh J, et al. **Biochim Biophys Acta** 446(2):345–57, 28 Oct 76

Cyclic 3',5'-adenosine monophosphate level and adenylate cyclase activity in human blood platelets during storage in ACD solution. Lammerant-Guillemare E, et al. **Blut** 34(4):329–32, Apr 77

Myosin in cultured human endothelial cells. Moore A, et al. **Br J Haematol** 35(1):71–9, Jan 77

The distribution and metabolism of arachidonic acid in rabbit platelets during aggregation and its modification by drugs. Blackwell GJ, et al. **Br J Pharmacol** 59(2):353–66, Feb 77

Monoamine oxidase in chronic schizophrenia: Studies of hormonal and other factors affecting enzyme activity. Murphy DL, et al. **Br J Psychiatry** 130:151–8, Feb 77

A simple radiochemical assay of thromboxane B2, 12-hydroxyeicosatetraenoic acid (HETE) and 12-hydroxyheptadecatrienoic acid (HHT) synthetized by human platelets. Lagarde M, et al. **Clin Chim Acta** 79(1):255–9, 15 Aug 77

Use of affinity elution chromatography for the microassay of adenosine 3':5'-monophosphate. Sinha AK, et al. **Eur J Biochem** 73(2):367–71, Mar 1 77

A peripheral high molecular weight glycoprotein located at the surface of human platelets. Nurden AT. **Experientia** 33(3):331–2, 15 Mar 77

Filamin inhibits actin activation of heavy meromyosin ATPase. Davies P, et al. **FEBS Lett** 77(2):228–32, 15 May 77

Troponin C like protein of blood platelets. Muszbek L, et al. **FEBS Lett** 80(2):308–12, 15 Aug 77

Reduction of blood platelet serotonin levels in manic and depressed patients. Takahashi S. **Folia Psychiatr Neurol Jpn** 30(4):476–86, 1976

Reduction of blood platelet serotonin levels in manic and depressed patients. Takahashi S. **Folia Psychiatr Neurol Jpn** 30(4):475–86, 1976

Clotting factors and platelets. Immunofluorescence evidence that fibrinogen and factor VIII are present in human washed platelets, whereas prothrombin complex factors and factor XIII are lacking. Betterle C, et al. **Haemostasis** 6(3):171–9, 1977

Plasma and platelet phospholipids in normal subjects and in patients with chronic arterial obliterations. Bruhn HD, et al. **Haemostasis** 6(3):197–202, 1977

Human blood platelet elastase and proelastase. Activation of proelastase and release of elastase after ahesion of platelets to collagen. Legrand Y, et al. **Haemostasis** 6(3):180–9, 1977

Ultrastructural localization of acid protein polysaccharides and calcium in the vacuoles of the chicken thrombocyte. Daimon T, et al. **Histochemistry** 52(1):25–32, 20 Apr 77

Demonstration of intracytoplasmic glycogen of megakaryocytes and blood platelets by means of the periodic acid-thiocarbohydrazide-silver proteinate method. Murata F, et al. **Histochemistry** 52(4):307–16, 24 Jun 77

The applicability of microprobe analysis to calcium studies. pp. 9–13. Hall TA.
In: Carafoli E, et al., ed. Calcium transport in contraction and secretion. Amsterdam, North-Holland, 1975. QV 276 I61c 1975. (16 ref.)

Localization of factor VIII/Von Willebrand protein on platelets. Electron microscopy study with peroxidase-labelled antibodies. pp. 479–85. Jeanneau C, et al.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.

Comparative amino acid sequence studies on actins. pp. 29–37. Elzinga M, et al.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.

Reassessment of elevated serotonin levels in blood platelets in early infantile autism. Takahashi S, et al. **J Autism Child Schizo** 6(4):317–26, Dec 76

Bovine platelet myosin. Shimizu T, et al. **J Biochem (Tokyo)** 81(6):1879–88, Jun 77

Isolation of platelet microtubule protein by an immunosorptive method. Ikeda Y, et al. **J Biol Chem** 251(19):6135–41, 10 Oct 76

Platelet glycocalicin. II. Purification and characterization. Okumura i, et al. **J Biol Chem** 251(19):5950–5, 10 Oct 76

Platelet plasma membrane glycoproteins. Evidence for the presence of nonequivalent disulfide bonds using nonreduced–reduced two-dimensional gel electrophoresis. Phillips DR, et al. **J Biol Chem** 252(6):2121–6, 25 Mar 77

Platelet membrane defects in Glanzmann's thrombasthenia. Evidence for decreased amounts of two major glycoproteins. Phillips DR, et al. **J Clin Invest** 60(3):535–45, Sep 77

Coagulation factor XIII concentration in sickle-cell disease. Ittyerah R, et al. **J Lab Clin Med** 88(4):546–54, Oct 76

Abnormalities of cholesterol–phospholipid composition in platelets and low-density lipoproteins of human hyperbetalipoproteinemia. Shattil SJ, et al. **J Lab Clin Med** 89(2):341–53, Feb 77

Prolonged vasospasm produced by the breakdown products of erythrocytes. Osaka K. **J Neurosurg** 47(3):403–11, Sep 77

Short-term evaluation of charcoal hemoperfusion combined with dialysis in uremic patients. Winchester JF, et al. **Kidney Int [Suppl]** (7):S315–9, Dec 76

beta-thromboglobulin and heparin-neutralising activity test in clinical conditions [letter] **Lancet** 1(8022):1153–4, 28 May 77

Increase of platelet prostaglandin cyclic endoperoxides in thrombosis [letter]. Lagarde M, et al. **Lancet** 1(8002):88, 8 Jan 77

Factor V. Colman RW, et al. **Methods Enzymol** 45:107–22, 1976

New polymorphism of platelet membrane glycoproteins. Bolin RB, et al. **Nature** 269(5623):69–70, 1 Sep 77

Binding of endotoxin (LPS) by glycerophosphatides from human platelets and leukocytes. Adye JC, et al. **Naturwissenschaften** 64(3):150–1, Mar 77

Human platelet fibrinogen: a protein different from plasma fibrinogen. Soria J, et al. **Pathol Biol (Paris)** 24 Suppl:15–7, Dec 76

Ribonucleoside and nucleotide components of normal human blood lymphocytes and platelets. Pross SH, et al. **Proc Soc Exp Biol Med** 154(4):508–12, Apr 77

Differential separation of thromboxanes from prostaglandins by one and two-dimensional thin layer chromatography. Bailey JM, et al. **Prostaglandins** 13(3):479–92, Mar 77

Electron capture gas chromatographic detection of thromboxane B2. Fitzpatrick FA, et al. **Prostaglandins** 13(2):201–8, Feb 77

Platelets and thromboembolism. Aledort LM. **Semin Thromb Hemostas** 2(3):136–45, Jan 76 (32 ref.)

Newborn platelet dysfunction: a storage pool and release defect. Corby DG, et al. **Thromb Haemostas** 36(1):200–7, 31 Aug 76

Plasma factor XIII and platelet factor XIII in hyperlipaemia. Cucuianu MP, et al. **Thromb Haemostas** 36(3):542–50, 31 Dec 76

The young platelet population in children with cyanotic congenital heart disease. Goldschmidt B, et al. **Thromb Haemostas** 35(2):342–9, 30 Apr 76

The use of a chelating ion–exchange resin to evaluate the effects of the extracellular calcium concentration on adenosine diphosphate induced aggregation of human blood platelets. Heptinstall S. **Thromb Haemostas** 36(1):208–20, 31 Aug 76

A different organization of bound carbohydrate within cat platelet membranes [letter] Nurden A. **Thromb Haemostas** 37(2):358–60, 30 Apr 77

An inverse relation between platelet factor 4 in the platelet and in the plasma. O'Brien JR, et al. **Thromb Haemostas** 36(3):649–51, 31 Dec 76

Preparation of factor IX concentrate from platelet-rich plasma [letter] Smith JK, et al. **Thromb Haemostas** 37(2):363–6, 30 Apr 77

Factors affecting platelet cyclic GMP levels during aggregation induced by collagen and by arachidonic acid. Davies T, et al. **Thromb Res** 9(4):387–405, Oct 76

Comparison of methods of measuring loss of cytoplasmic constituents from platelets. Kinlough-Rathbone RL, et al. **Thromb Res** 9(6):669–73, Dec 76

Immunofluorescent detection of alpha 1-antitrypsin in platelets and megakaryocytes. Nalli G, et al. **Thromb Res** 10(4):613–7, Apr 77

The influence of metabolities on the assay of platelet serotonin. Rao GH, et al. **Thromb Res** 10(6):791–802, Jun 77

[Platelets fatty acid variation in patients with atherosclerosis (author's transl)] Trugnan G, et al. **Clin Chim Acta** 79(3):583–9, 15 Sep 77 (Eng. Abstr.) **(Fre)**

[Methods of measurement of Willebrand activity on microtitration plates] Sultan Y, et al. **Nouv Presse Med** 6(1):44–6, Jan 77 **(Fre)**

[Cyclic adenosine monophosphate, prostaglandin E and aggregation of blood platelets in man] Ardelt W. **Fortschr Med** 95(6):366–70, 10 Feb 77 (Eng. Abstr.) **(Ger)**

[Beta2-microglobulin: structure and function of an immunoglobulin-homologue (author's transl)] Hütteroth TH, et al. **Immun Infekt** 4(3):110–5, Jun 76 (50 ref.) (Eng. Abstr.) **(Ger)**

[Membrane structure and functions of human platelets (author's transl)] Ando Y. **Acta Haematol Jpn** 39(5):653–63, Oct 76 (Eng. Abstr.) **(Jpn)**

[Biochemical and histochemical studies on platelet serotonin of Duchenne muscular dystrophy--A new approach for carrier detection] Fukunaga H, et al. **Clin Neurol (Tokyo)** 17(5):316–21, May 77 (Eng. Abstr.) **(Jpn)**

[A new method for measuring platelet fibrinogen levels by the use of the FDP-kit (author's transl)] Endo Y, et al. **Jpn J Clin Hematol** 17(9):952–5, Sep 76 (Eng. Abstr.) **(Jpn)**

[Effect of the quality characteristics of the fatty component of the diet on the fatty acid makeup of the erythrocytic and thrombocytic membranes in healthy persons] Pokrovskiĭ AA, et al. **Vopr Pitan** (3):12–7, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Serotonin metabolism in patients with brain tumors] Makarov AIu, et al. **Zh Vopr Neirokhir** (3):39–44, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Another defect of the intrinsic activator of prothrombin localized in the contact phase of activation: factor DMD (Dynia-Majan-Drdlička)] Hrubišková K. **Vnitr Lek** 23(4):316–28, Apr 77 **(Slo)**

[A study of the fatty acids of platelet phospholipids (author's transl)] Valles J, et al. **Sangre (Barc)** 22(2):210–8, 1977 (Eng. Abstr.) **(Spa)**

CYTOLOGY

Platelet prostaglandin production and its implications. Smith JB, et al. **Adv Prostaglandin Thromboxane Res** 2:747–53, 1976

Functional aspects of blood platelets in irradiated burros. Schneider MD. **Am J Vet Res** 38(2):209–16, Feb 77

Inhibitory effects of ATP on platelet aggregation: cation interaction and shape change. Wang TY, et al. **Ann Clin Lab Sci** 7(1):88–92, Jan–Feb 77

Application of light-scattering theory to the optical effects associated with the morphology of blood platelets. Latimer P, et al. **Arch Biochem Biophys** 180(1):151–9, 15 Apr 77

Increase in sialic acids removable by neuraminidase during the shape change of platelets. Motamed M, et al. **Biochem J** 158(3):655–7, 15 Sep 76

Effect of thio reagents on platelet transport processes and responses to stimuli. MacIntyre DE, et al. **Biochem Pharmacol** 26(4):319–23, 15 Feb 77

Adenine nucleotide metabolism of blood platelets. X. Formaldehyde stops centrifugation-induced secretion after A23187-stimulation and causes breakdown of metabolic ATP. Holmsen H, et al. **Biochim Biophys Acta** 497(1):46–61, 29 Mar 77

Relationships between thrombopoiesis and erythropoiesis: with studies of the effects of preparations of thrombopoietin and erythropoietin. Evatt BL, et al. **Blood** 48(4):547–58, Oct 76

Hematopoietic stem cells: effect of preirradiation, bleeding, and erythropoietin on thrombopoietic differentiation. Goodman R, et al. **Blood** 49(2):253–61, Feb 77

Thrombopoietin assays [letter]. Karpatkin S. **Br J Haematol** 35(3):473, Mar 77

Platelet heterogeneity [letter] Karpatkin S, et al. **Br J Haematol** 35(4):681–4, Apr 77

A comparison of platelet size, latelet count, and platelet 35S incorporation as assays for thrombopoietin. McDonald TP. **Br J Haematol** 34(2):257–67, Oct 76

Polyamine distribution in cellular compartments of blood and in aging erythrocytes. Cooper KD, et al. **Clin Chim Acta** 73(1):71–88, 15 Nov 76

The effect of chromatographically pure sample of adenosine 5'-tetraphosphate on sheep and rabbit blood platelets. Penglis F. **Clin Exp Pharmacol Physiol** 4(2):173–82, Mar–Apr 77

Comparative studies on platelet membrane preparations. Hasitz M, et al. **Haematologia (Budap)** 10(3–4):343–52, 1976

Postsplenectomy thrombocytosis in the mouse: changes in the size of thrombocytes. Krizsa F, et al. **Haematologia (Budap)** 10(3–4):339–42, 1976

The blood platelet a potential smooth muscle cell. pp. 105–15. Behnke O.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.

Methionine activating enzyme in various human platelet populations. Macaione S, et al. **Ital J Biochem** 25(4):320–6, Jul–Aug 76

Interrelations of platelet aggregation and secretion. Charo IF, et al. **J Clin Invest** 60(4):866–73, Oct 77

Increased heparin clearance in experimental pulmonary embolism. Chiu HM, et al. **J Lab Clin Med** 90(1):204–15, Jul 77

Microfiltration of stored blood regardless of age of storage [letter]. Griffith EM. **Lancet** 1(8019):1010, 7 May 77

Effect of a diet of polyunsaturated fats on some platelet-function tests. O'Brien JR, et al. **Lancet** 2(7993):995–6, 6 Nov 76

Relationships between blood platelet and erythrocyte formation. Cooper GW, et al. **Life Sci** 20(9):1571–9, 1 May 77

Changes in the coronary vascular system following prolonged exposure to stress. Bassett JR, et al.
Pharmacol Biochem Behav 6(3):311–8, Mar 77

Change in electrophoretic mobility associated with the shape change of human blood platelets. Boisseau MR, et al.
Proc R Soc Lond [Biol] 196(1125):471–4, Apr 77

Canine cyclic hematopoiesis: platelet size and thrombopoietin level in relation to platelet count. McDonald TP, et al.
Proc Soc Exp Biol Med 153(3):424–8, Dec 76

Platelets and thromboembolism. Aledort LM.
Semin Thromb Hemostas 2(3):136–45, Jan 76 (32 ref.)

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C.
Semin Thromb Hemostas 3(3):125–59, Jan 77 (165 ref.)

The effect of dimethyl sulfoxide on in vitro platelet function. Schiffer CA, et al. **Thromb Haemostas** 36(1):221–9, 31 Aug 76

The effects of pCO2 and pH on platelet shape change and aggregation for human and rabbit platelet-rich plasma. Tang SS, et al. **Thromb Res** 10(1):135–45, Jan 77

[Direct action of extracorporeal circulation on platelets and coagulation factors] Baille Y, et al. **Ann Anesthesiol Fr** 18(1):43–50, 1977 (Eng. Abstr.) **(Fre)**

[The rapid measurement for platelet volume (author's transl)] Furuta I, et al. **Jpn J Clin Pathol** 24(9):742–3, Sep 76 **(Jpn)**

[Composition of peripheral blood in healthy infants] Suzdal'tsev AE. **Lab Delo** (4):248–, 1976 **(Rus)**

DRUG EFFECTS

Effect of dextran and induced thrombocytopenia on the lysability of ex vivo thrombi in dogs. Aberg M, et al.
Acta Chir Scand 143(2):91–4, 1977

Furosemide: its role on certain platelet functions. Chohan IS, et al. **Acta Clin Belg** 32(1):39–43, 1977

Endotoxins and haemostasis. Semeraro N. **Acta Clin Belg** 31(6):377–92, 1976 (99 ref.)

Are agents affecting platelet function clinically useful in patients with coronary artery disease? Verstraete M.
Acta Clin Belg 31(4):229–32, 1976

The effects of late thymectomy on the immunosuppressive action of cortisone and testosterone in rats immunized to sheep red blood cells. Aschkenasy A.
Acta Haematol (Basel) 56(4):212–20, 1976

Sensitization of stabilized fibrin to urea dispersion by undiluted plasma and serum. de Cataldo F, et al.
Acta Haematol (Basel) 58(2):79–83, 1977

Postoperative platelet function in patients on small subcutaneous doses of heparin. Economopoulos TC, et al.
Acta Haematol (Basel) 57(5):266–71, 1977

Erythropoietin level and thrombocytopoiesis in mice. Krizsa F, et al. **Acta Haematol (Basel)** 56(4):221–4, 1976

Influence of cytostatics on some platelet functions in vitro. V. Hydroxyurea. Kubisz P, et al. **Acta Haematol (Basel)** 57(4):242–46, Mar 77

Metoprolol and the peripheral platelet count. Kutti J, et al.
Acta Haematol (Basel) 58(2):89–93, 1977

The peripheral platelet count in response to intravenous infusion of salbutamol. Kutti J, et al. **Acta Med Scand** 201(6):515–7, 1977

Platelet shape change induced by cold and the retraction of reptilase clots. Kubisz P, et al.
Acta Univ Carol [Med] (Praha) 22(1–2):9–17, 1976

Protein binding to monosodium urate crystals and its effect on platelet degranulation. Kozin F, et al.
Adv Exp Med Biol 768:201–8, 1977

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)

The role of prostaglandin endoperoxides and thromboxanes in platelet aggregation. Samuelsson B, et al.
Adv Prostaglandin Thromboxane Res 2:737–46, 1976

Haemorrhagic and inflammatory properties of collagenase from C. histolyticum. Vargaftig BB, et al.
Agents Actions 6(5):627–35, Sep 76

Actions of ristocetin on platelets. Koutts J, et al.
Am J Hematol 1(3):313–7, 1976

Hydrogen peroxide, an inhibitor of platelet function: effect on adenine nucleotide metabolism, and the release reaction. Stuart MJ, et al. **Am J Hematol** 2(1):53–63, 1977

Are agents affecting platelet functions clinically useful? Verstraete M. **Am J Med** 61(6):897–914, Dec 76 (173 ref.)

Spontaneous hyphema associated with ingestion of aspirin and ethanol. Kageler WV, et al. **Am J Ophthalmol** 82(4):631–4, Oct 76

The influence of prostaglandin G2 on platelet ultrastructure and platelet secretion. Gerrard JM, et al. **Am J Pathol** 86(1):99–115, Jan 77

The influence of reserpine and ethylenediaminetetraacetic acid (EDTA) on serotonin storage organelles of blood platelets. Gerrard JM, et al. **Am J Pathol** 87(3):633–46, Jun 77

Effects of nitroblue tetrazolium and vitamin E on platelet ultrastructure, aggregation, and secretion. White JG, et al.
Am J Pathol 88(2):387–402, Aug 77

Function of human platelets during extracorporeal circulation. Hennessy VL Jr, et al. **Am J Physiol** 232(6):H622–8, Jun 77

In vivo inhibition of platelet MAO activity by tricyclic antidepressants. Sullivan JL, et al. **Am J Psychiatry** 134(2):188–90, Feb 77

The role of the platelet in coagulation and clinical thrombotic events. Porter JM, et al. **Am J Surg** 134(2):231–5, Aug 77

Platelet function. Barrer MJ, et al. **Anesthesiology** 46(3):202–11, Mar 77

Hematologic reaction to prolonged exposure to nitrous oxide. Kripke BJ, et al. **Anesthesiology** 47(4):342–8, Oct 77

Inhibitory effects of ATP on platelet aggregation: cation interaction and shape change. Wang TY, et al.
Ann Clin Lab Sci 7(1):88–92, Jan–Feb 77

Antiplatelet treatment of thrombotic thrombocytopenic purpura [editorial]. Amorosi EL, et al. **Ann Intern Med** 86(1):102–6, Jan 77

Role of the platelet in atherogenesis. Harker LA, et al.
Ann NY Acad Sci 275:321–9, 1976 (33 ref.)

Attempts to delay progression in occlusive atherosclerosis. Terry EN, et al. **Ann NY Acad Sci** 275:379–85, 1976

Sodium-dependent transport of 5-hydroxytryptamine (serotonin) by canine blood platelets. Chong G, et al.
Arch Biochem Biophys 179(2):600–7, Mar 77

Interference by fenfluramine with the storage of 14C-5-hydroxytryptamine in rat platelets. Wielosz M, et al. **Arch Int Pharmacodyn Ther** 225(2):232–9, Feb 77

Platelet-latelet- Eckel RH, et al. **Arch Intern Med** 137(6):735–7, Jun 77

The influence of acetysalicylic acid on changes in platelet function due to physical exertion. Rohrer TF, et al.
Arzneim Forsch 27(7):1490–3, Jul 77

Inhibition of platelet secretion by an antagonist of intracellular calcium. Charo IF, et al. **Biochem Biophys Res Commun** 72(4):1462–7, 18 Oct 76

Platelet cytochrome P450: a possible role in arachidonate-induced aggregation. Cinti DL, et al.
Biochem Biophys Res Commun 73(1):171–9, 8 Nov 76

Relationship between phosphorylation of blood platelet proteins and secretion of platelet granule constituents. I. Effects of different aggregating agents. Haslam RJ, et al.
Biochem Biophys Res Commun 77(2):714–22, 25 Jul 77

A particulate arachidonate lipoxygenase in human blood platelets. Ho PP, et al. **Biochem Biophys Res Commun** 76(2):398–405, 23 May 76

High affinity binding of thrombin to platelets. Inhibition by tetranitromethane and heparin. Workman EF Jr, et al.
Biochem Biophys Res Commun 75(4):925–32, 25 Apr 77

Uptake and release of 5-hydroxytryptamine by rabbit platelets. II. Kinetic analysis of inhibition by chlorpheniramine maleate. Cusimano VJ, et al. **Biochem Med** 17(3):267–74, Jun 77

Uptake and release of 5-hydroxytryptamine by rabbit platelets. I. Thermodynamic studies. Cusimano VJ, et al.
Biochem Med 17(3):258–66, Jun 77

Demonstration and evaluation of apparent cytoplasmic and vesicular serotonin compartments in human platelets. Costa JL, et al. **Biochem Pharmacol** 26(6):517–21, 15 Mar 77

Release of serotonin from mast cells induced by N-(2-ethylhexyl)-3-hydroxybutyramide and catecholamine. Ichikawa A, et al. **Biochem Pharmacol** 26(3):197–202, 1 Feb 77

Effects of 4-(3-indolyl-alkyl)piperidine derivatives on uptake and release of noradrenaline, dopamine and 5-hydroxytryptamine in rat brain synaptosomes, rat heart and human blood platelets. Le Fur G, et al. **Biochem Pharmacol** 26(6):497-503, 15 Mar 77

Effect of thio reagents on platelet transport processes and responses to stimuli. MacIntyre DE, et al. **Biochem Pharmacol** 26(4):319-23, 15 Feb 77

Effects of reserpine and serotonin on adenine nucleotide matabolism and glucose oxidation of washed rabbit platelets. Reimers HJ, et al. **Biochem Pharmacol** 26(18):1667-70, 15 Sep 77

Serotonin transport and storage in rabbit blood platelets--the effects of reserpine and imipramine. Reimers HJ, et al. **Biochem Pharmacol** 26(18):1645-55, 15 Sep 77

Effect of reserpine on adenosive uptake and metabolism, and subcellular transport of platelet adenosine triphosphate in washed rabbit platelets. Reimers HJ, et al. **Biochem Pharmacol** 26(18):1657-65, 15 Sep 77

Effect of dipyridamole and its monoglucuronide derivative on adenosine uptake by human platelets and ADP-induced platelet aggregation. Subbarao K, et al. **Biochem Pharmacol** 26(9):906-7, 1 May 77

Increased phosphorylation of specific blood platelet proteins in association with the release reaction. Haslam RJ, et al. **Biochem Soc Trans** 4(4):694-7, 1976

Plasma membrane phosphorylation by endogenous phosphate donors in human blood platelets. Selectivity of the action of dibutyryl cyclic AMP. Apitz-Castro R, et al. **Biochim Biophys Acta** 455(2):371-82, 2 Dec 76

The effects of alterations of transmembrane Na+ and K+ gradients by ionophores (nigericin, monensin) on serotonin transport in human blood platelets. Feinstein MB, et al. **Biochim Biophys Acta** 468(2):284-95, 14 Jul 77

Adenine nucleotide metabolism of blood platelets. IX. Time course of secretion and changes in energy metabolism in thrombin-treated platelets. Fukami MH, et al. **Biochim Biophys Acta** 444(3):633-43, 22 Oct 76

The perturbation of thrombin binding to human platelets by trypsin and neuraminidase. Ganguly P. **Biochim Biophys Acta** 498(1):21-8, 23 Jun 77

Adenine nucleotide metabolism of blood platelets. X. Formaldehyde stops centrifugation-induced secretion after A23187-stimulation and causes breakdown of metabolic ATP. Holmsen H, et al. **Biochim Biophys Acta** 497(1):46-61, 29 Mar 77

Metabolic aspects of the secretion of stored compounds from blood platelets. V. Effect of ionophore A23187 on washed platelets. Mürer EH, et al. **Biochim Biophys Acta** 451(1):1-19, 18 Nov 76

A comparative study of the effect of modification of the surface of human platelets on the receptors for aggregated immunoglobulins and for ristocentin-von Willebrand factor. Pfueller SL, et al. **Biochim Biophys Acta** 465(3):614-26, 17 Mar 77

Interrelation of prostaglandin endoperoxide (prostaglandin G2) and cyclic 3',5'-adenosine monophosphate in human blood platelets. Salzman EW. **Biochim Biophys Acta** 499(1):48-60, 25 Aug 77

Inhibition of human platelet mitochondrial protein synthesis by chloramphenicol. Agam G, et al. **Biomedicine [Express]** 27(2):66-9, Mar 77

Thrombin decreases platelet cyclic AMP in the absence of prostaglandin synthesis. Lagarde M, et al. **Biomedicine [Express]** 27(3):110-2, Apr 77

Collagen stimulates more platelet prostaglandin endoperoxides in thrombosis. Lagarde M, et al. **Biomedicine [Express]** 27(3):119-23, Apr 77

In situ observation of dense-body release from hydrated human platelets. Costa JL. **Biophys J** 19(3):307-13, Sep 77

Inhibition and potentiation of platelet function by lysolecithin. Joist JH, et al. **Blood** 49(1):101-12, Jan 77

Defective platelet function after cephalosporin administration [letter] Khaleeli M, et al. **Blood** 48(5):791-2, Nov 76

Shape and cytoplasmic filaments in control and lidocaine-treated human platelets. Nachmias V, et al. **Blood** 50(1):39-53, Jul 77

Resuspension of platelets: enhanced 5-hydroxytryptamine-induced aggregation in chlorpromazine treated patients due to changes in platelet properties. Boullin DJ, et al. **Br J Clin Pharmacol** 2(1):37-9, Feb 75

Comparative effects of aspirin and diflunisal on prostaglandin synthetase from human platelets and sheep seminal vesicles. Majerus PW, et al. **Br J Clin Pharmacol** 4 Suppl 1:15S-18S, Feb 77

The effect of dipyridamole on platelet function: correlation with blood levels in man. Rajah SM, et al. **Br J Clin Pharmacol** 4(2):129-33, Apr 77

Diflunisal: a review of pharmacokinetic and pharmacodynamic properties, drug interactions, and special tolerability studies in humans. Tempero KF, et al. **Br J Clin Pharmacol** 4 Suppl 1:31S-36S, Feb 77 (23 ref.)

Abnormal platelet function in Chediak-Higashi syndrome. Boxer GJ, et al. **Br J Haematol** 35(4):521-533, Apr 77

Effects of cephalothin and penicillin G on platelet function in vitro. Cazenave J-P, et al. **Br J Haematol** 35(1):135-52, Jan 77

Membrane changes in human platelets induced by lipopolysaccharide endotoxin. Hawiger J, et al. **Br J Haematol** 35(2):285-99, Feb 77

Adenosine diphosphate induced platelet aggregation and release reaction in heparinized platelet rich plasma and the influence of added citrate. Heptinstall S, et al. **Br J Haematol** 36(4):565-71, Aug 77

Factor-VIII activity and antigen, platelet count and biochemical changes after adrenoceptor stimulation. Ingram GI, et al. **Br J Haematol** 35(1):81-100, Jan 77

Evidence that stimulation of megakaryocytopoiesis by low dose vincristine results from an effect on platelets. Jackson CW, et al. **Br J Haematol** 36(1):97-105, May 77

Effect of aspirin on monoamine oxidase in human platelet-rich plasma [letter]. Norstrand IF, et al. **Br J Haematol** 34(4):665-6, Dec 76

Platelet antithrombins: role of thrombin binding and the release of platelet fibrinogen. Watanabe K, et al. **Br J Haematol** 35(1):123-33, Jan 77

Binding of factor VIII to platelets in the presence of ristocetin. Zucker MB, et al. **Br J Haematol** 35(4):535-49, Apr 77

The distribution and metabolism of arachidonic acid in rabbit platelets during aggregation and its modification by drugs. Blackwell GJ, et al. **Br J Pharmacol** 59(2):353-66, Feb 77

Effects of synthetic prostaglandin analogues on platelet aggregation and secretion [proceedings]. Corey EJ, et al. **Br J Pharmacol** 59(3):446P-447P, Mar 77

Aspirin at therapeutic concentrations does not affect 5-hydroxytryptamine uptake by platelets. Drummond AH, et al. **Br J Pharmacol** 59(4):661-2, Apr 77

Selective inhibition of platelet responses to bisenoic prostaglandins [proceedings] MacIntyre DE. **Br J Pharmacol** 60(2):293P-294P, Jun 77

Unexpected excessive bleeding during operation: role of acetyl salycilic acid. Davies DW, et al. **Can Anaesth Soc J** 24(4):452-8, Jul 77

Amphotericin B plus 1,3-bis (2-chloroethyl)-1-nitrosourea (BCNU-NSC no. 409962) in advanced cancer. Phase I and preliminary phase II results. Presant CA, et al. **Cancer** 38(5):1917-21, Nov 76

Comparison of the biologic activity of VP-16-213 given iv and orally in capsules or drink ampules. Brunner KW, et al. **Cancer Treat Rep** 60(9):1377-9, Sep 76

Comparison of 5-fluorouracil and ftorafur. I. Quantitative and qualitative differences in toxicity to mice. Johnson RK, et al. **Cancer Treat Rep** 60(9):1335-45, Sep 76

Phase II study of cis-dichlorodiammineplatinum(II) (NSC-119875) in advanced adenocarcinoma of the ovary. Wiltshaw E, et al. **Cancer Treat Rep** 60(1):55-60, Jan 76

Platelets and the vascular responses to arachidonic acid in dogs. Johnson M, et al. **Cardiovasc Res** 11(3):238-41, May 77

Drugs affecting platelet behaviour [editorial]. **Cent Afr J Med** 22(10):207, Oct 76

Platelet survival time in patients with hypoxemia and pulmonary hypertension. Steele P, et al. **Circulation** 55(4):660-1, Apr 77

The effect of 2,3-diphosphoglycerate on oxygen consumption burst in thrombin-stimulated platelets. Principe DD, et al. **Clin Chim Acta** 75(2):325-9, 1 Mar 77

The effect of chromatographically pure sample of adenosine 5'-tetraphosphate on sheep and rabbit blood platelets. Penglis F. **Clin Exp Pharmacol Physiol** 4(2):173-82, Mar-Apr 77

Coagulation, oestrogen and the menopause. Notelovitz M. **Clin Obstet Gynaecol** 4(1):107-28, Apr 77

Shape changes and reduced calcium level in the surface membrane region of human platelets exposed to manganese in vitro. ap Gwynn I, et al. **Cytobios** 16(62):97-106, 1976

Fenoprofen: a review of its pharmacological properties and therapeutic efficacy in rheumatic diseases. Brogden RN, et al. **Drugs** 13(4):241-65, Apr 77

Antithrombotic drugs: part II. Gallus AS, et al. **Drugs** 12(2):132-57, 1976 (219 ref.)

Sodium valproate: a review of its pharmacological properties and therapeutic efficacy in epilepsy. Pinder RM, et al. **Drugs** 13(2):81-123, Feb 77 (129 ref.)

On the interrelationship of prostaglandin endoperoxide G2 and cyclic nucleotides in platelet function. Claesson HE, et al. **Eur J Biochem** 76(1):277-84, 1 Jun 77

Some effects of ORG GC 94, a potential anti-migraine drug, on human platelets. Bhargava N, et al. **Eur J Pharmacol** 42(3):241-5, 7 Apr 77

Sex specific differences in chlorimipramine inhibition of serotonin uptake in human platelets. Justice AW, et al. **Eur J Pharmacol** 40(1):21-5, Nov 76

Diversion of prostaglandin endoperoxide metabolism by selective inhibition of thromboxane A2 biosynthesis in lung, spleen or platelets. Nijkamp FP, et al. **Eur J Pharmacol** 44(2):179-86, 15 Jul 77

Effects of mazindol and d-fenfluramine of 5-hydroxytryptamine uptake, storage and metabolism in blood platelets. Picotti GB, et al. **Eur J Pharmacol** 42(3):217-24, 7 Apr 77

Acute hypotension due to carrageenan, arachidonic acid and slow reacting substance C in the rabbit: role of platelets and nature of pharmacological antagonism. Vargaftig BB, et al. **Eur J Pharmacol** 43(2):125-41, 15 May 77

Periodate-induced lymphocyte transformation. VI. Stimulation of human lymphocytes by periodate-treated allogeneic cells. Parker JW, et al. **Exp Cell Res** 107(1):169-77, Jun 77

Hematologic effects of a single dose of methylnitrosourea. Seidel HJ. **Exp Hematol** 5(1):19-26, Jan 77

Lack of platelet factor-3 activation after incubation of platelet-rich plasma with kaolin in the rat. Clerck FD, et al. **Experientia** 32(12):1602-3, 15 Dec 76

The influence of azathioprine on the behaviour of blood platelets in vitro. Bogdanikowa B, et al. **Folia Haematol (Leipz)** 103(2):248-51, 1976

Selecting and preparing patients for total hip replacement. Feinstein PA, et al. **Geriatrics** 32(7):91-6, Jul 77

Multivesicular structures and effects of some aggregation inhibitors in guinea-pig platelets. Candia Carnevali M, et al. **Haematologica (Pavia)** 62(2):127-35, Apr 77

Heparin, heparin-activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26-34, 1977 (60 ref.)

Platelet activation in haemostasis: role of thrombin and other clotting factors in platelet-collagen interaction. Huzoor-Akbar, et al. **Haemostasis** 6(1):59-71, 1977

Use of platelet antagonists in the treatment of migraine [editorial]. Dalessio DJ. **Headache** 16(3):129-30, Jul 76

Effects of unphysiological blood flow on circulating cells. pp. 177-81. Born GV.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975. (28 ref.)

Platelets, foreign surfaces, and heparin. pp. 183-95. Lindsay RM.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Interaction between complement and cells in the microcirculation of the rat. pp. 419-24. Majewski BB, et al.
In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a.

Platelets, acute inflammation and inflammatory mediators. pp. 313-9. Ferreria SH, et al.
In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.

Platelets, inflammation and non-steroidal anti-inflammatory drugs. pp. 45-51. de Gaetano G.
In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975. (65 ref.)

Role of platelets in hemostasis and thrombosis. pp. 23-37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)

Inhibitors of platelet function in the prevention of arterial thrombosis. pp. 105-24. Harker LA.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (81 ref.)

Platelet kinetics--1975. pp. 98-104. Ries CA.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (35 ref.)

Platelets, heparin, and blood coagulation. pp. 125-43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)

Influence of some antibiotics on human platelet aggregation and electrophoretic mobility. pp. 25-32. Houbouyan L, et al.
In: Siest G, Young DS, ed. Drug interference and drug measurement in clinical chemistry. Basel, Karger, 1976. QV 38 I602 1975d.

Questions relating to the pharmacological testing of antirheumatic agents. pp. 271-9. Krupp P, et al.
In: Wagenhauser FJ, ed. Chronic forms of polyarthritis. Bern, Huber, 1976. WE 344 C559 1975.

Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123-36. Spragg RG, et al.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (69 ref.)

Release of beta-lysin from platelets caused by antigen-antibody complexes, purified enzymes, and platelet-aggregating substances. Roberts RR, et al. **Infect Immun** 15(2):485-90, Feb 77

Studies on the ionophorous antibiotics. VIII. Effects of monovalent and divalent cation ionophores on blood platelets. Mitani M, et al. **J Antibiot (Tokyo)** 30(3):239-43, Mar 77

Stimulation of human platelet guanylate cyclase by fatty acids. Glass DB, et al. **J Biol Chem** 252(4):1279-85, 25 Feb 77

Platelet cyclic 3':5'-nucleotide phosphodiesterase released by thrombin and calcium ionophore. Hidaka H, et al. **J Biol Chem** 251(23):7508-16, 10 Dec 76

Hydrogen peroxide lowers ATP levels in platelets without altering adenyalte energy charge and platelet function. Holmsen H, et al. **J Biol Chem** 252(5):1752-7, 10 Mar 77

Platelet myosin. Localization of the rod myosin fragment and effect of its antibodies on platelet function. Puszkin EG, et al. **J Biol Chem** 252(12):4371-8, 25 Jun 77

Active transport of 5-hydroxytryptamine by plasma membrane vesicles isolated from human blood platelets. Rudnick G. **J Biol Chem** 252(7):2170-4, 10 Apr 77

Inhibition and enhancement of platelet aggregation by collagen derivatives. Kay WW, et al. **J Biomed Mater Res** 11(3):365-72, May 77

Venous thrombosis after total hip replacement. Combined monitoring as a guide for prophylaxis and treatment. Hume M, et al. **J Bone Joint Surg [Am]** 58(7):933-9, Oct 76

Stimulation by alcohols of cyclic AMP metabolism in human leukocytes. Possible role of cyclic AMP in the anti-inflammatory effects of ethanol. Atkinson JP, et al. **J Clin Invest** 60(2):284-94, Aug 77

Selective release of archidonic acid from the phospholipids of human platelets in response to thrombin. Bills TK, et al. **J Clin Invest** 60(1):1-6, Jul 77

The effects of colcemid on hematopoiesis in the mouse. Bunn PA Jr, et al. **J Clin Invest** 58(5):1280-5, Nov 76

Enhancement of platelet function by superoxide anion. Handin RI, et al. **J Clin Invest** 59(5):959-65, May 77

Activation of rabbit platelets by platelet-activating factor derived from IgE-sensitized basophils. Characteristics of the aggregation and its dissociation from secretion. Henson PM. **J Clin Invest** 60(2):481-90, Aug 77

The mobilization of arachidonic acid in platelets exposed to thrombin or ionophore A23187. Effects of adenosine triphosphate deprivation. Rittenhouse-Simmons S, et al. **J Clin Invest** 60(2):495-8, Aug 77

Binding of dipyridamole to human platelets and to alpha1 acid glycoprotein and its significance for the inhibition of adenosine uptake. Subbarao K, et al. **J Clin Invest** 60(4):936-43, Oct 77

Studies on the stimulation of cAMP metabolism by heparin solutions containing benzyl alcohol. Atkinson JP, et al. **J Cyclic Nucleotide Res** 2(4):297-305, Jul-AUG 76

Studies of the mechanism of the human platelet release reaction induced by immunologic stimuli. III. Relationship between the binding of soluble IgG aggregates to the Fc receptor and cell response in the presence and absence of plasma. Pfueller SL, et al. **J Immunol** 118(2):514-24, Feb 77

Effects of sulfinpyrazone on platelet prostaglandin synthesis and platelet release of serotonin. Ali M, et al. **J Lab Clin Med** 89(4):868-75, Apr 77

Platelet-aggregating factor and the aggregation of fixed washed platelets. Cooper HA, et al. **J Lab Clin Med** 90(3):512-21, Sep 77

Factors which influence blood platelet migration. Lowenhaupt RW, et al. **J Lab Clin Med** 90(1):37-45, Jul 77

Adenine nucleotides in thrombin-degranulated platelets: effect of prolonged circulation in vivo. Reimers HJ, et al. **J Lab Clin Med** 90(3):490-501, Sep 77

The effects of hemorrhage, hypoxia, and a preparation of erythropoietin on thrombopoiesis. Shreiner DP, et al. **J Lab Clin Med** 88(6):930-40, Dec 76

Endotoxin and prevention of hypoxic pulmonary vasoconstriction. Weir EK, et al. **J Lab Clin Med** 88(6):975-83, Dec 76

(2-Piperidine)- and (2-pyrrolidine)ethanones and -ethanols as inhibitors of blood platelet aggregation. Grisar JM, et al. **J Med Chem** 19(10):1195-201, Oct 76

Effect of busulfan on oncornavirus-like activity in platelets and chromosomes in polycythemia vera and essential thrombocythemia. Brodsky I, et al. **J Natl Cancer Inst** 59(1):61-7, Jul 77

Quantitative evaluation of the loss of human platelet dense bodies following stimulation by thrombin or A23187. Costa JL, et al. **J Physiol (Lond)** 264(1):297-306, Jan 77

The behaviour of platelets and leucocytes in conditions of hypokinetic and anaemic hypoxia, contrasted with the absence of such behaviour in arterial hypoxia [proceedings]. Malone PC, et al. **J Physiol (Lond)** 260(2):33P-34P, Sep 76

Effect of cyclophosphamide on metabolic parameters of human platelets and polymorphonuclear leukocytes. Agam G, et al. **J Reticuloendothel Soc** 21(4):237-44, Apr 77

The relationship of heparin source to the incidence of delayed hemorrhage. Abbott WM, et al. **J Surg Res** 22(6):593-7, Jun 77

Growth kinetics of platelet thrombi. Ruckenstein E, et al. **J Theor Biol** 66(1):147-68, 7 May 77

The effect of dipyridamole on the thrombocyte count and bleeding tendency in open-heart surgery. Nuutinen LS, et al. **J Thorac Cardiovasc Surg** 74(2):295-8, Aug 77

The contribution of anticoagulants to platelet dysfunction with extracorporeal circulation. Wallace HW, et al. **J Thorac Cardiovasc Surg** 72(5):735-41, Nov 76

Thrombocytopenic purpura following iopanoic acid ingestion. Hysell JK, et al. **JAMA** 237(4):361-2, 24 Jan 77

Coagulation studies and platelet function after somatostatin infusion. Rasche H, et al. **Klin Wochenschr** 54(20):977-82, 15 Oct 76

Failure of certain antiplatelet drugs to affect myointimal thickening following arterial endothelial injury in the rat. Clowes AW, et al. **Lab Invest** 36(4):452-64, Apr 77

Paramyxovirus-induced platelet aggregation. Requirement for neuraminic acid receptors on platelets. Larke RP, et al. **Lab Invest** 37(2):150-7, Aug 77

Diet and platelet function [letter]. Mustard JF. **Lancet** 2(7998):1307, 11 Dec 76

Effect of granulocytic chalone on acute myeloid leukaemia in man. A follow-up study. Vilpo JA, et al. **Lancet** 1(8015):771-4, 9 Apr 77

Effects of reserpine and imipramine on vesicular serotonin uptake and storage in intact human platelets. Costa JL, et al. **Life Sci** 21(2):181-8, 15 Jul 77

Effects of propranolol and pindolol on platelet aggregation and serotonin release. Nathan I, et al. **Life Sci** 20(3):407-11, 1 Feb 77

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273-87, 1976 (24 ref.)

Reversible acylation and inhibition of aggregation of platelets by substituted maleic anhydrides. Walder JA, et al. **Mol Pharmacol** 13(3):407-14, May 77

Side effects of miconazole for systemic mycoses [letter] **N Engl J Med** 297(14):786-7, 6 Oct 77

Platelet count after selective beta-receptor blockade [letter]. Kutti J, et al. **N Engl J Med** 295(19):1079, 4 Nov 76

Serotonin in essential myoclonus. Omenn GS, et al. **N Engl J Med** 297(8):454, 25 Aug 77

Blood platelet monoamine oxidase activity in anergic schizophrenics. Shaskan EG, et al. **Natl Inst Drug Abuse Res Monogr Ser** (3):29-35, Nov 75

Selective inhibition of thromboxane A2 biosynthesis in blood platelets. Gryglewski RJ, et al. **Nature** 267(5612):627-8, 16 Jun 77

Concerning the influence of pentoxifylline on the erythrocyte and platelet membranes. Stefanovich V. **Naunyn Schmiedebergs Arch Pharmacol** 297 Suppl 1:S9, 31 Mar 77

Uptake of 14C-5-hydroxytryptamine by human and rat platelets and its pharmacological inhibition. A comparative kinetic analysis. Wielosz M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 296(1):59-65, 29 Dec 76

Harmful effects of 'aspirin compounds'. Najjar TA. **Oral Surg** 44(1):64-70, Jul 77 (231 ref.)

Thrombocytopenic purpura secondary to quinidine hypersensitivity. Salman SJ, et al. **Oral Surg** 44(1):45-8, Jul 77

The structure and function of platelets, with emphasis on their contractile nature. Gerrard JM, et al. **Pathobiol Annu** 6:31-59, 1976 (73 ref.)

In vitro effect of suloctidil on 14C-5-hydroxytryptamine uptake and liberation in rat platelets. de Gaetano G, et al. **Pharmacol Res Commun** 9(4):315-24, Apr 77

Neurobiological Considerations of the mode of action of lithium carbonate in the treatment of affective disorders? Bunney WE Jr, et al. **Pharmakopsychiatr Neuropsychopharmakol** 9(3):142-7, May 76

Intravenous L-5-hydroxytryptophan in normal subjects: an interdisciplinary precursor loading study. Part 1: Implications of reproducible mood elevation. Pühringer W, et al. **Pharmakopsychiatr Neuropsychopharmakol** 9(6):260-8, Nov 76

Intravenous L-5-hydroxytryptophan in normal subjects: an interdisciplinary precursor loading study. Part III: Neuroendocrinological and biochemical changes. Wirz-Justice A, et al. **Pharmakopsychiatr Neuropsychopharmakol** 9(6):277-88, Nov 76

Platelet changes in women taking oral contraceptives. Burrow JP, et al. **Postgrad Med** 62(2):52-6, Aug 77

Platelets, thrombosis, coagulation, and atherosclerosis [editorial] Mann FD. **Postgrad Med** 62(2):15-6, Aug 77

Application of imidazole as a selective inhibitor thromboxane synthetase in human platelets. Needleman P, et al. **Proc Natl Acad Sci USA** 74(4):1716-20, Apr 77

Change in electrophoretic mobility associated with the shape change of human blood platelets. Boisseau MR, et al. **Proc R Soc Lond [Biol]** 196(1125):471-4, Apr 77

Effect of gemfibrozil upon platelet function and blood coagulation. Preliminary report. Rasi VP, et al. **Proc R Soc Med** 69 Suppl 2:109-11, 1976

Effects of penicillin G and cephalothin on platelet function in vivo. Cazenave JP, et al. **Proc Soc Exp Biol Med** 152(4):641-4, Sep 76

Effects of different routes of administration and injection schedules of thrombopoietin on 35s incorporation into platelets of assay mice. McDonald TP. **Proc Soc Exp Biol Med** 155(1):4-7, May 77

Arachidonate-induced thrombosis in mice: effects of gender or testosterone and estradiol administration. Uzunova AD, et al. **Prostaglandins** 13(5):995-1002, May 77

The effects of adrenaline injections on human platelet monoamine oxidase and related measures. Gentil V, et al. **Psychopharmacology** 50(2):187-92, 10 Nov 76

Neurochemical characterization of a new potent and selective serotonin uptake inhibitor: Lu 10-171. Hyttel J. **Psychopharmacology** 51(3):225-33, 16 Mar 77

Protection of rats by phospholipase C from Bacillus cereus against the effects of intravenous infusions of purified tissue thromboplastin. Gierczsky KE, et al. **Scand J Haematol** 17(4):305-11, Oct 76

The effect of phospholipase C on rat blood platelets in vivo. Gierczsky KE. **Scand J Haematol** 18(3):219-25, Mar 77

ADP-induced refractory state of platelets in vitro. II. Functional and ultra studies on gel filtered platelets. Holme S, et al. **Scand J Haematol** 18(4):267-78, Apr 77

The peripheral platelet count in response to intravenous infusion of isoprenaline. Olsson LB, et al. **Scand J Haematol** 17(3):213-6, SEP 76

In vitro platelet stain preventing (degranulating) effect of various substances, Study of mechanism of action. Stavem P, et al. **Scand J Haematol** 18(2):170-6, Feb 77

Anticoagulation with defibrase during prolonged extracorporeal circulation in the dog. Berglin E, et al. **Scand J Thorac Cardiovasc Surg** 10(3):225-30, 1976

Clinical pharmacoloby of acetylsalicylic acid. Cohen LS. **Semin Thromb Hemostas** 2(3):146-75, Jan 76 (102 ref.)

Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232-90, Apr 76 (207 ref.)

Inhibitors of platelet function in the prevention of arterial thrombosis. Harker LA. **Ser Haematol** 8(3):105-24, 1975 (81 ref.)

Aspirin revisited. Rodvein R, et al. **Ser Haematol** 8(3):141-50, 1975 (53 ref.)

XIV. Cerebral ischemia: the role of thrombosis and of antithrombotic therapy. Study group on antithrombotic therapy. Genton E, et al. **Stroke** 8(1):150-75, Jan-Feb 77

Effect of sulfinpyrazone on platelet survival time in patients with transient cerebral ischemic attacks. Steele P, et al. **Stroke** 8(3):396-8, May-Jun 77

Inhibition of platelet function with bencyclane. Bédi J, et al. **Ther Hung** 24(2):50-5, 1976

Microvascular haemostasis and the effect of local stimulation and inhibition of platelet function. An experimental study in rabbits. Bergqvist D, et al. **Thromb Haemostas** 36(1):133-9, 31 Aug 76

Increased protein synthesis by human platelets during phagocytosis of latex particles in vitro. Bessler H, et al. **Thromb Haemostas** 35(2):350-7, 30 Apr 76

Alterations in human-platelet serotonin uptake following the addition of thrombin or A 23187 [letter]. Costa JL, et al. **Thromb Haemostas** 37(1):177-9, 28 Feb 77

The effects of drugs on platelet function tests [letter]. de

Gaetano G, et al. **Thromb Haemostas** 36(1):281, 31 Aug 76

Oxygen consumption in platelets of newborn infants before and after stimulation by thrombin. Del Principe D, et al. **Thromb Haemostas** 35(3):712–6, 30 Jun 76

Cigarette-smoking effect on platelet function. Grignani G, et al. **Thromb Haemostas** 37(3):423–8, 30 Jun 77

Reactions of polylysine with human platelets in plasma and in suspensions of washed platelets. Guccione MA, et al. **Thromb Haemostas** 36(2):360–75, 30 Nov 76

Induction of the platelet release reaction by 1.3-dimethyl-5-aminoadamantane, a new adamantane derivative. Haacke U, et al. **Thromb Haemostas** 37(1):62–72, 28 Feb 77

The effect of intravenbus adenosine diphosphate on the number of circulating platelets in experimental animals: inhibition by prostaglandin E1, dipyridamole, SH-869 and VK-774. Holmes IB, et al. **Thromb Haemostas** 37(1):36–46, 28 Feb 77

Properties of washed human platelets. Kinlough-Rathbone RL, et al. **Thromb Haemostas** 37(2):291–308, 30 Apr 77

Influence of cytotoxic drugs on platelet functions and coagulation in vitro. IV. Melphalan. Klener P, et al. **Thromb Haemostas** 37(1):53–61, 28 Feb 77

Release, aggregation and lysis of human platelets by antilymphocyte globulin and antiplatelet serum. Lekas N, et al. **Thromb Haemostas** 36(2):411–23, 30 Nov 76

Effects of matrix contact during gel filtration of human platelets in plasma. Lindon JN, et al. **Thromb Haemostas** 36(2):311–8, 30 Nov 76

Platelet preservation. III. The influence of dimethylsulfoxide and cooling conditions on serotonin uptake velocity and response to hypotonic stress of human platelets. Odink J, et al. **Thromb Haemostas** 36(1):192–9, 31 Aug 76

The effect of phospholipase C on platelet factor 3 in human blood platelets. Otnaess AB, et al. **Thromb Haemostas** 37(1):29–35, 28 Feb 77

Report of the working party on platelets. Stages in the interaction of platelets with collagen. Packham MA. **Thromb Haemostas** 36(1):269–72, 31 Aug 76

Effects of thrombin, chymotrypsin and aggregated gamma-globulins on the proteins of the human platelet membrane. Podolsak B. **Thromb Haemostas** 37(3):396–406, 30 Jun 77

The effect of dimethyl sulfoxide on in vitro platelet function. Schiffer CA, et al. **Thromb Haemostas** 36(1):221–9, 31 Aug 76

Effect of thrombin on phosphorylation of platelet membrane proteins. Steiner M. **Thromb Haemostas** 35(3):635–42, 30 Jun 76

Effects of bupranolol, a new beta-blocker, on platelet functions of rabbit and human in vitro. Umetsu T, et al. **Thromb Haemostas** 36(2):376–87, 30 Nov 76

Registry of prospective clinical trials second report. Verstraete M. **Thromb Haemostas** 36(1):239–50, 31 Aug 76

Factors affecting platelet cyclic GMP levels during aggregation induced by collagen and by arachidonic acid. Davies T, et al. **Thromb Res** 9(4):387–405, Oct 76

Effect of the portacaval shunt in the rat on the 'in vivo' platelet responsiveness to ADP. Doni MG, et al. **Thromb Res** 10(4):539–47, Apr 77

Platelet function in sickle cell anemia. Gruppo RA, et al. **Thromb Res** 10(3):235–35, Mar 77

The in vivo increase of factor VIII activity by 2,3-diphosphoglycerate. Iatridis PG, et al. **Thromb Res** 9(6):533–40, Dec 76

Inhibition of human platelet aggregation by phospholipase-A. Iatridis SG, et al. **Thromb Res** 9(4):335–44, Oct 76

Inhibitory effect of colchicine and vinblastine on reptilase clot retraction. Kubisz P, et al. **Thromb Res** 9(2):109–14, Aug 76

Aspirin effects on human platelets: a scanning electron microscope study. Lewis JC, et al. **Thromb Res** 9(6):647–52, Dec 76

Collagen-induced platelet aggregation: evidence of several mechanisms for the induction of platelet release by collagen. Nyman D. **Thromb Res** 10(5):743–51, May 77

The relationship between shape change and release reaction of lectin-stimulated platelets. Effects of cytochalasin B and prostaglandin E1. Patscheke H, et al. **Thromb Res** 10(3):465–74, Mar 77

Action of delta9-tetrahydrocannabinol on membrane-bound monoamine oxidase activity. Banerji A, et al. **Toxicol Appl Pharmacol** 40(2):347–54, May 77

Adenine in blood banking. Simon ER. **Transfusion** 17(4):317–25, Jul-Aug 77

[Effect of prostaglandins on blood platelets] Hynieova H, et al. **Cesk Fysiol** 25(4):299–308, 1976 **(Cze)**

[Activation of arachidonic acid] Mousty JC, et al. **Arch Int Physiol Biochim** 85(2):377–9, Apr 77 (Eng. Abstr.) **(Fre)**

[Valve protheses and anti-vitamin K. Biological study in patients given weak and strong doses of anticoagulants] Boisseau M, et al. **Arch Mal Coeur** 69(2):219–21, Feb 76 (Eng. Abstr.) **(Fre)**

[Study of metformin in experimental arteriosclerosis (plasma lipoproteins, platelets, arteries and the pancreas)] Weber G, et al. **Journ Annu Diabetol Hotel Dieu** :228–43, 1977**(Fre)**

[The receptor of adenosine-dephosphate on the human platelet membrane (author's translation)] Legrand C, et al. **Nouv Rev Fr Hematol** 16(3):391–8, 1976 (Eng. Abstr.) **(Fre)**

[Epileptic seizure revealing a cerebral arterial accident during administration of oral contraceptives with platelet function disorders] Graisely B, et al. **Sem Hop Paris** 52(14):877–82, 9 Apr 76 (Eng. Abstr.) **(Fre)**

[Ultrastructural study of the action of a blood platelet anti-aggregant. Application to nicergoline] Le Menn R, et al. **Therapie** 32(2):205–14, Mar–Apr 77 (Eng. Abstr.) **(Fre)**

[Blood platelets and cardiovascular diseases. IV. Platelet-inhibiting drugs and antithrombotic agents] Jobin F. **Union Med Can** 105(8):1159–73, Aug 76 (230 ref.) (Eng. Abstr.) **(Fre)**

[Effects of premedication, narcosis and surgery on the coagulation and fibrinolysis systems and the platelets. The influence of dextran and hydroxyethyl starch (hes) during and after operation (author's transl)] Popov-Cenić S, et al. **Anaesthesist** 26(2):77–84, Feb 77 (Eng. Abstr.) **(Ger)**

[Cellelectrophoretic studies of the effect of methylglyoxal-bis-guanylhydrazone on blood cells of tumour patients (author's transl)] Wand H, et al. **Arch Geschwulstforsch** 46(4):304–10, 1976 (Eng. Abstr.) **(Ger)**

[The action of 1-aminoadamantane. Comparative studies with isolated nerve endings and thrombocytes on the release of serotonin and dopamine] Haacke U, et al. **Arzneim Forsch** 27(7):1481–3, Jul 77 (Eng. Abstr.) **(Ger)**

[The influence of the combination of coumarin and troxerutin on infantile blood parameter in lactation period. Short communication (author's transl)] Krajnovic P. **Arzneim Forsch** 27(7):1499–500, Jul 77 (Eng. Abstr.)**(Ger)**

[Oral anticoagulants and platelet function in hypolipemic therapy using a new clofibrate analog (BM 15.075) (author's transl)] Zimmermann R, et al. **Dtsch Med Wochenschr** 102(14):509–12, 8 Apr 77 (Eng. Abstr.) **(Ger)**

[Thrombocyte kinetics before and after gold therapy in rheumatoid arthritis] Preussner S, et al. **Folia Haematol (Leipz)** 103(5):707–14, 1976 (Eng. Abstr.) **(Ger)**

[Changes in hemostasis during epilespy treatment using dipropyl acetate. Extended study] Sutor AH, et al. **Fortschr Med** 94(8):411–4, 11 Mar 76 (Eng. Abstr.) **(Ger)**

[The influence of insulin, glucose and other monosaccharides on the platelet functions (author's transl)] Wamhoff D, et al. **Klin Wochenschr** 54(23):1137–41, 1 Dec 76 **(Ger)**

[Experiences with enterally and parenterally applied leucovorin following therapy with high doses of methotrexate in malignant tumors (author's transl)] Vahrson H, et al. **Med Klin** 71(41):1720–3, 8 Oct 76 (Eng. Abstr.) **(Ger)**

[Effect of acetylsalicylic acid and aprotinin on the platelet function and coagulation of preserved blood] Haas-Denk S, et al. **Med Welt** 28(19):912–4, 13 May 77 **(Ger)**

[Thrombocyte values in adults during the treatment with DPA (Ergenyl)] Krause KH. **Med Welt** 28(24):1098–9, 17 Jun 77 **(Ger)**

[Inhibition of platelet function (mode of action of platelet inhibitors) (author's transl)] Baumgartner HR. **Ther Umsch** 34(5):341–6, May 77 (Eng. Abstr.) **(Ger)**

[Complications and risks of treatment with anticoagulants and drugs affecting platelet function (author's transl)] Frick P. **Ther Umsch** 34(5):379–83, May 77 (Eng. Abstr.) **(Ger)**

[Indications for the use of platelet inhibitors] Kummer H, et al. **Ther Umsch** 34(5):373–8, May 77 (Eng. Abstr.) **(Ger)**

[Modification of the thrombocyte function using hormonal contraception. 1. Thrombocyte count, thrombocyte propagation and platelet aggregation under hormonal contraception] Traub RF, et al. **Zentralbl Gynaekol** 98(3):161–5, 1976 (Eng. Abstr.) **(Ger)**

[Hematologic side effects of thiamphenicol] Angéla K, et al. **Orv Hetil** 117(51):3105–7, 19 DEC 76 **(Hun)**

[Release reaction and adenine nucleotide metabolism of blood platelets] Jinbo C. **Jpn J Clin Hematol** 17(12):1235–60, Dec 76 (107 ref.) **(Jpn)**

[Present status and prospects of platelet inhibitors] Yasunaga K. **Jpn J Clin Hematol** 17(6):590–9, Jun 76 (31 ref.) **(Jpn)**

[Endotoxic responses of various cells (author's transl)] Yoshida M. **Protein Nucleic Acid Enzyme (Tokyo)** Suppl:255–68, Nov

NLM-FIB-A77 00054

76 (112 ref.) **(Jpn)**

[Blood platelet disorders. II. Acquired thrombocytopathies and action of drugs on platelet function] Pniejnia-Olszyński W, et al. **Acta Haematol Pol** 8(2):151-6, May-Jun 77 **(Pol)**

[Effect of cigarette smoking on morphotic elements of peripheral blood] Kośmider S, et al. **Wiad Lek** 30(13):1023-6, 1 Jul 77 (Eng. Abstr.) **(Pol)**

[Current pharmacological aspects of antithrombotic drugs] Stroescu V. **Rev Med Intern [Med Intern]** 28(5):325-7, Sep-Oct 76 **(Rum)**

[Mechanism of the effect of aspirin on the functional properties of thrombocytes] Baluda VP, et al. **Biull Eksp Biol Med** 83(4):434-5, Apr 77 (Eng. Abstr.) **(Rus)**

[Action of KCN on intact and refractory thrombocytes] Lisovskaia IL, et al. **Biull Eksp Biol Med** 82(8):940-3, Aug 76 (Eng. Abstr.) **(Rus)**

[Comparative effect of chlorpromazine, imipramine and papaverine on the blood platelet function] Bartel' V, et al. **Farmakol Toksikol** 39(3):296-301, May-Jun 76 (Eng. Abstr.) **(Rus)**

[Electrokinetic characteristics and intercellular interaction of the formed elements of the blood] Markosian AA, et al. **Usp Fiziol Nauk** 8(1):91-108, Jan-Mar 77 (81 ref.) **(Rus)**

[Osmotic shock of platelets. II. Influence of different chemicals. Osmotic shock on filtered platelets (author's transl)] García-Conde J, et al. **Sangre (Barc)** 22(4):426-36, 1977 (Eng. Abstr.) **(Spa)**

[Prevention of thrombosis and embolism in the obstetrics and gynecology clinic; review of the literature] Mikhaĭlenko ET, et al. **Pediatr Akush Ginekol** (4):33-6, Jul-Aug 76 **(Ukr)**

ENZYMOLOGY

Suicide attempts, platelet monoamine oxidase and the average evoked response. Buchsbaum MS, et al. **Acta Psychiatr Scand** 56(1):69-79, Jul 77

Comparative evaluation of the inhibitory effects of aspirin-like drugs on prostaglandin production by human platelets and synovial tissue. Patrono C, et al. **Adv Prostaglandin Thromboxane Res** 1:125-31, 1976

The influence of phospholipase A2 on prostaglandin production in platelets. Schoene NW, et al. **Adv Prostaglandin Thromboxane Res** 2:763-6, 1976

Platelet-derived acid phosphatase isoenzyme in the serum in thrombocythemia. Tavassoli M, et al. **Am J Clin Pathol** 67(2):177-9, Feb 77

Platelet aggregation and the ouabain-insensitive ATPase. Ecto-ATPase, reflection of membrane integrity. Wang TY, et al. **Am J Clin Pathol** 67(6):528-32, Jun 77

'Prostatic acid phosphatase?' A comparison of acid phosphatase activities in epithelial cells, granulocytes, monocytes, lymphocytes, and platelets purified by velocity sedimentation in isokinetic gradients of Ficoll in tissue culture medium. Helms SR, et al. **Am J Pathol** 88(3):529-37, Sep 77

Platelet monoamine oxidase activity in schizophrenic patients. Becker RE, et al. **Am J Psychiatry** 134(5):512-7, Mar 77

Platelet monoamine oxidase in chronic schizophrenia. Berrettini WH, et al. **Am J Psychiatry** 134(7):805-7, Jul 77

Platelet MAO and alcoholism. Brown JB. **Am J Psychiatry** 134(2):206-7, Feb 77

Catecholamine metabolism in Gilles de la Tourette's syndrome. Lake CR, et al. **Am J Psychiatry** 134(3):257-60, Mar 77

Postsynaptic supersensitivity in schizophrenia. Pandey GN, et al. **Am J Psychiatry** 134(5):518-22, Mar 77

Platelet MAO activity in schizophrenia and other psychiatric illnesses. Sullivan J, et al. **Am J Psychiatry** 134(10):1098-1103, Oct 77

In vivo inhibition of platelet MAO activity by tricyclic antidepressants. Sullivan JL, et al. **Am J Psychiatry** 134(2):188-90, Feb 77

Platelet monoamine oxidase activity in schizophrenia. White HL, et al. **Am J Psychiatry** 133(10):1191-3, Oct 76

Changes in plasma hydrolase activities in hereditary and streptozotocin-induced diabetes. Tulsiani DR, et al. **Arch Biochem Biophys** 181(1):216-27, May 77

Platelet methylene reductase activity in schizophrenia. Berger PA, et al. **Arch Gen Psychiatry** 34(7):808-9, Jul 77

Platelet monoamine oxidase in early childhood autism. Cohen DJ, et al. **Arch Gen Psychiatry** 34(5):534-7, May 77

Increased norepinephrine levels and decreased dopamine-beta-hydroxylase activity in primary autism. Lake CR, et al. **Arch Gen Psychiatry** 34(5):553-6, May 77

Reduced MAO activity in first-degree relatives of individuals with bipolar affective disorders. A preliminary report. Leckman JF, et al. **Arch Gen Psychiatry** 34(5):601-6, May 77

Platelet monamine oxidase in chronic schizophrenia. Some enzyme characteristics relevant to reduced activity. Murphy DL, et al. **Arch Gen Psychiatry** 33(11):1377-81, Nov 76

Platelet monamine oxidase in schizophrenia. An investigation in drug-free chronic hospitalized patients. Owen F, et al. **Arch Gen Psychiatry** 33(11):1370-3, Nov 76

Platelet cytochrome P450: a possible role in arachidonate-induced aggregation. Cinti DL, et al. **Biochem Biophys Res Commun** 73(1):171-9, 8 Nov 76

A particulate arachidonate lipoxygenase in human blood platelets. Ho PP, et al. **Biochem Biophys Res Commun** 76(2):398-405, 23 May 76

Cyclic adenosine 3',5'-monophosphate and prostacyclin inhibit membrane phospholipase activity in platelets. Lapetina EG, et al. **Biochem Biophys Res Commun** 76(3):828-35, 6 Jun 77

Acetylcholinesterase, choline acetyltransferase, and the postulated acetylcholine receptor of canine platelets. Chuang HY, et al. **Biochem Pharmacol** 25(17):1971-7, 1 Sep 76

Substrate- and inhibitor-related characteristics of human platelet monoamine oxidase. Donnelly CH, et al. **Biochem Pharmacol** 26(9):853-8, 1 May 77

A method for the determination of platelet and plasma monoamine oxidase in whole blood. Marshall EF, et al. **Biochem Pharmacol** 26(4):353-4, 15 Feb 77

The isolation and partial characterization of polymorphonuclear-leucocyte actin. Jackson P, et al. **Biochem Soc Trans** 4(2):333-6, 1976

Selective inhibition of platelet n-8 lipoxygenase by 5,8,11-eicosatriynoic acid. Hammarström S. **Biochim Biophys Acta** 487(3):517-9, 22 Jun 77

Comparative studies on amino and thiol groups in myosins from different sources. Muhlrad A, et al. **Biochim Biophys Acta** 452(1):227-38, 8 Nov 76

Initiation of phospholipase A2 activity in human platelets by the calcium ion ionophore A23187. Pickett WC, et al. **Biochim Biophys Acta** 486(1):209-13, 18 Jan 76

Characterization of human platelet UDPglucose-collagen glucosyltransferase using a new rapid assay. Smith DF, et al. **Biochim Biophys Acta** 483(2):263-78, 11 Aug 77

Bis-(4-methylumbelliferyl) phosphate as a substrate for the surface membrane-associated phosphodiesterase activity of pig platelets. Taylor DG, et al. **Biochim Biophys Acta** 465(3):667-71, 17 Mar 77

Intracellular enzymes of collagen biosynthesis in human platelets. Anttinen H, et al. **Blood** 50(1):29-37, Jul 77

Cyclic 3',5'-adenosine monophosphate level and adenylate cyclase activity in human blood platelets during storage in ACD solution. Lammerant-Guillemare E, et al. **Blut** 34(4):329-32, Apr 77

Platelet monoamine oxidase activity in patients with chronic schizophrenic illnesses untreated by neuroleptic drugs [proceedings]. Bailey AR, et al. **Br J Clin Pharmacol** 2(4):380P, Aug 75

Comparative effects of aspirin and diflunisal on prostaglandin synthetase from human platelets and sheep seminal vesicles. Majerus PW, et al. **Br J Clin Pharmacol** 4 Suppl 1:15S-18S, Feb 77

Platelet antithrombins: role of thrombin binding and the release of platelet fibrinogen. Watanabe K, et al. **Br J Haematol** 35(1):123-33, Jan 77

The distribution and metabolism of arachidonic acid in rabbit platelets during aggregation and its modification by drugs. Blackwell GJ, et al. **Br J Pharmacol** 59(2):353-66, Feb 77

The effect of subcutaneous injections of adrenaline on platelet MAO activity [proceedings]. Bourne RC, et al. **Br J Pharmacol** 58(2):291P-292P, Oct 76

Platelet monoamine oxidase in schizophrenia and manic-depressive illness. Belmaker RH, et al. **Br J Psychiatry** 129:227-32, Sep 76

Metabolism of monoamines and diamines in hyperthyroid and hypothyroid rats. Sourkes TL, et al. **Can J Biochem** 55(8):789-95, Aug 77

Plasma lactate dehydrogenase activity will be increased if detergent and platelets are present. Bais R, et al. **Clin Chem** 23(6):1056-8, Jun 77

Abnormal platelet glycogen metabolism in multiple myeloma patients. Agam G, et al. **Clin Chim Acta** 79(2):437-45, 1 Sep 77

Rapid diagnosis of pyruvate and ketoglutarate dehydrogenase deficiencies in platelet-enriched preparations from blood. Blass JP, et al. **Clin Chim Acta** 75(1):21-30, 15 Feb 77

Retina, tear and serum beta-N-acetylglucosaminidase activities in diabetic patients. Fushimi H, et al. **Clin Chim Acta** 71(1):1-8, 16 Aug 76

A new variant of glucosephosphate isomerase deficiency: GPI-Kortrijk. Staal GE, et al. **Clin Chim Acta** 78(1):121-7, 1 Jul 77

Urate production in heterozygotes for glucose-6-phosphatase deficiency. Stormont D, et al. **Clin Chim Acta** 71(2):303-8, 6 Sep 76

Effect of oral contraceptives on platelet monoamine oxidase, monoamine excretion, and adrenocortical function. Feldman JM, et al. **Clin Pharmacol Ther** 20(6):670-5, Dec 76

Platelet mono-amine oxidase activity in the human fetus. Jones JB, et al. **Dev Med Child Neurol** 18(5):640-2, Oct 76

Metabolic approaches to studies on diabetic microangiopathy. Waitzman MB, et al. **Diabetes** 26(5):510-7, May 77 (79 ref.)

Some effects of ORG GC 94, a potential anti-migraine drug, on human platelets. Bhargava N, et al. **Eur J Pharmacol** 42(3):241-5, 7 Apr 77

Diversion of prostaglandin endoperoxide metabolism by selective inhibition of thromboxane A2 biosynthesis in lung, spleen or platelets. Nijkamp FP, et al. **Eur J Pharmacol** 44(2):179-86, 15 Jul 77

A study of the activity of platelet monoamine oxidase in patients with migraine headaches or with 'cluster headaches'. Bussone G, et al. **Eur Neurol** 15(3):157-62, 1977

Clinical, social and biochemical studies on Batten's syndrome, alias Spielmeyer-Vogot or Stengel's Syndrome. Jensen GE, et al. **Eur Neurol** 15(4):203-11, 1977

Purification of platelet proteases: activation of proelastase by a trypsin-like enzyme. Legrand Y, et al. **FEBS Lett** 76(2):294-8, 15 Apr 77

Phosphorylation of fibroblast myosin. Muhlrad A, et al. **FEBS Lett** 77(1):37-40, 1 May 77

Monoamine oxidase activity in blood platelets in alcoholism. Takahashi S, et al. **Folia Psychiatr Neurol Jpn** 30(4):455-62, 1976

Monoamine oxidase activity in blood platelets in alcoholism. Takahashi S, et al. **Folia Psychiatr Neurol Jpn** 30(4):455-62, 1976

Reduction of blood platelet serotonin levels in manic and depressed patients. Takahashi S. **Folia Psychiatr Neurol Jpn** 30(4):475-86, 1976

Monoamine oxidase activity in blood platelets from manic and depressed patients. Takahashi S. **Folia Psychiatr Neurol Jpn** 31(1):37-48, 1977

The phospholipases A of lysosomes. Waite M, et al. **Front Biol** 45:257-305, 1976 (92 ref.)

Transitory platelet monoamine oxidase deficit in migraine: some reflections. Sandler M. **Headache** 17(4):153-8, Sep 77

The search for genetic polymorphisms of human biogenic-amine related enzymes. pp. 241-60. Belmaker RH, et al. **In: Gershon ES, et al., ed. The impact of biology on modern psychiatry. New York, Plenum Press, 1977. QV 77 I34 1975.**

Recent studies of the role of catecholamines in the pathophysiology and classification of depressive disorders. pp. 122-8. Schildkraut JJ, et al. **In: Usdin E, et al., ed. Neuroregulators and psychiatric disorders. New York, Oxford Univ Press, 1977. WM 100 N494 1976.**

Methionine activating enzyme in various human platelet populations. Macaione S, et al. **Ital J Biochem** 25(4):320-6, Jul-Aug 76

Stimulation of human platelet guanylate cyclase by fatty acids. Glass DB, et al. **J Biol Chem** 252(4):1279-85, 25 Feb 77

Platelet cyclic 3':5'-nucleotide phosphodiesterase released by thrombin and calcium ionophore. Hidaka H, et al. **J Biol Chem** 251(23):7508-16, 10 Dec 76

Ca2+-dependent protease in human platelets. Specific cleavage of platelet polypeptides in the presence of added Ca2+. Phillips DR, et al. **J Biol Chem** 252(16):5602-5, 25 Aug 77

Cyclid 3':5'-nucleotide phosphodiesterase. Interconvertible multiple forms and their effects on enzyme activity and kinetics. Pichard AL, et al. **J Biol Chem** 251(18):5726-37, 25 Sep 76

Cyclic AMP metabolism in cholesterol-rich platelets. Sinha AK, et al. **J Biol Chem** 252(10):3310-4, 25 May 77

Role of protein and fatty acid adsorption on platelet adhesion and aggregation at the blood-polymer interface. Kim SW, et al. **J Biomed Mater Res** 11(1):23-31, Jan 77

Critical evaluation of measurement of platelet monoamine oxidase in man. Honecker H, et al. **J Clin Chem Clin Biochem** 14(9):453-8, Sep 76

Superoxide production and reducing activity in human platelets. Marcus AJ, et al. **J Clin Invest** 59(1):149-58, Jan 77

Reduction of adenylate cyclase activity in lysates of human platelets by the alpha-adrenergic component of epinephrine. Jakobs KH, et al. **J Cyclic Nucleotide Res** 2(6):381-92, Nov-Dec 76

Platelet and plasma amine oxidase inhibition and urinary amine excretion changes during phenelzine treatment. Murphy DL, et al. **J Nerv Ment Dis** 164(2):129-34, Feb 77

Molecular biology of neurological and psychiatric disorders. I. Effect of parkinsonism, age, sex and L-dopa on platelet monoamine oxidase. Zeller EA, et al. **J Neural Transm** 39(1-2):63-77, 1976

Phosphodiesterase inhibitors: their comparative effectiveness in vitro in various organs. Adachi K, et al. **Jpn J Pharmacol** 27(1):97-103, Feb 77

Mechanism for control of prolactin secretion [letter]. Gawel MJ. **Lancet** 1(8020):1059, 14 May 77

Transitory decrease in platelet monoamine-oxidase activity during migraine attacks. Glover V, et al. **Lancet** 1(8008):391-3, 19 Feb 77

Possible congenital defect in platelet thromboxane synthetase [letter]. Weiss HJ, et al. **Lancet** 1(8014):760-1, 2 Apr 77

Platelet monoamine oxidase, plasma benzylamine oxidase and liver mixed function oxidase in cirrhotic patients. Buffoni F, et al. **Med Biol** 55(2):109-11, Apr 77

Low platelet monoamine oxidase activity in human alcoholics. Wiberg A, et al. **Med Biol** 55(3):181-6, Jun 77

Effect of hyper- and hypothyroidism on platelet monoamine oxidase activity and serotonin metabolism. Feldman JM, et al. **Metabolism** 26(6):657-64, Jun 77

Selective inhibition of separated forms of human platelet cyclic nucleotide phosphodiesterase by platelet aggregation inhibitors. Asano T, et al. **Mol Pharmacol** 13(3):400-6, May 77

Reversible acylation and inhibition of aggregation of platelets by substituted maleic anhydrides. Walder JA, et al. **Mol Pharmacol** 13(3):407-14, May 77

Monoamine oxidase defect in essential arterial hypertension. A single dose pargyline test. Anselmi B, et al. **Monogr Neural Sci** 3:115-23, 1976

Polycythemia vera: stem-cell and probable clonal origin of the disease. Adamson JW, et al. **N Engl J Med** 295(17):913-6, 21 Oct 76

Platelet survival and morphology in homocystinuria due to cystathionine synthase deficiency. Uhlemann ER, et al. **N Engl J Med** 295(23):1283-6, 2 Dec 76

Blood platelet monoamine oxidase activity in anergic schizophrenics. Shaskan EG, et al. **Natl Inst Drug Abuse Res Monogr Ser** (3):29-35, Nov 75

Dopamine is a monoamine oxidase B substrate in man. Glover V, et al. **Nature** 265(5589):80-1, 6 Jan 77

Native collagen is not a substrate for the collagen glucosyltransferase of platelets. Menashi S, et al. **Nature** 264(5587):670-2, 16 Dec 76

Phenelzine in depressed patients. Effects on urinary MHPG excretion in relation to clinical response. Beckmann H, et al. **Neuropsychobiology** 3(1):49-55, 1977

Blood platelet monoamine oxidase activity in schizophrenic children and their families. A preliminary study. Campbell M, et al. **Neuropsychobiology** 2(4):239-46, 1976

Platelet monoamine oxidase in women with premenstrual syndrome. Feine R, et al. **Neuropsychobiology** 3(2-3):105-10, 1977

Neurophysiological measures and visual averaged evoked responses in psychiatric patients. Relationship to monoamine oxidase activity in platelets. von Knorring L, et al. **Neuropsychobiology** 3(2-3):65-74, 1977

Glucose-6-phosphate dehydrogenase activity in human platelets and its secretion. Yardimci TU, et al. **New Istanbul Contrib Clin Sci** 11(3):142-7, Dec 76

Human beta-glucuronidase. I. Recognition and uptake by animal fibroblasts suggests animal models for enzyme replacement studies. Frankel HA, et al. **Pediatr Res** 11(7):811-6, Jul 77

In vitro effect of suloctidil on 14C-5-hydroxytryptamine uptake and liberation in rat platelets. de Gaetano G, et al. **Pharmacol Res Commun** 9(4):315-24, Apr 77

Application of imidazole as a selective inhibitor thromboxane synthetase in human platelets. Needleman P, et al. **Proc Natl Acad Sci USA** 74(4):1716-20, Apr 77

The absence of tryptophan hydroxylase activity in blood platelets. Morrissey JJ, et al. **Proc Soc Exp Biol Med** 154(4):496-9, Apr 77

Modulation of human platelet adenylate cyclase by prostacyclin (PGX). Gorman RR, et al. **Prostaglandins** 13(3):377-88, Mar 77

N-0164 inhibits generation of thromboxane-A2-like activity from prostaglandin endoperoxides by human platelet microsomes. Kulkarni PS, et al. **Prostaglandins** 12(3):465-9, Sep 76

Imidazole: a selective inhibitor of thromboxane synthetase. Moncada S, et al. **Prostaglandins** 13(4):611-8, Apr 77

Immunochemistry of prostaglandin endoperoxide-forming cyclooxygenases: the detection of the cyclooxygenases in rat, rabbit, and guinea pig kidneys by immunofluorescence. Smith WL, et al. **Prostaglandins** 13(5):873-92, May 77

Biochemical properties of the prostaglandin/thromboxane synthetase of human blood platelets and comparison with the synthetase of bovine seminal vesicles. White HL, et al. **Prostaglandins** 12(5):811–28, Nov 76

Platelet serotonin concentration and monoamine oxidase activity in unmedicated chronic schizophrenic and in schizoaffective patients. Joseph MH, et al. **Psychol Med** 7(1):159–62, Feb 77

Biogenic amine–related enzymes and personality variations in normals. Murphy DL, et al. **Psychol Med** 7(1):149–57, Feb 77

Meeting report: Biochemical aspects of schizophrenia. Alabama, April 1975. Smythies JR, et al. **Psychoneuroendocrinology** 1(2):199–201, 1975

Acute versus chronic effects of monoamine oxidase inhibitors in depressed patients: time course of MAO inhibitors [proceedings]. Robinson DS, et al. **Psychopharmacol Bull** 13(1):50–1, Jan 77

Individual differences in average evoked responses to d– and l–amphetamine with and without lithium carbonate in depressed patients. Buchsbaum MS, et al. **Psychopharmacology** 51(2):129–35, 31 Jan 77

The effects of adrenaline injections on human platelet monoamine oxidase and related measures. Gentil V, et al. **Psychopharmacology** 50(2):187–92, 10 Nov 76

The effects of testosterone on plasma and platelet monoamine oxidase (MAO) an plasma dopamine–beta–hydroxylase (DBH) activities in the male rhesus monkey. Redmond DE Jr, et al. **Psychosom Med** 38(5):315–26, Sep–Oct 76

The biochemical high–risk paradigm: behavioral and familial correlates of low platelet monoamine oxidase activity. Buchsbaum MS, et al. **Science** 194(4262):339–41, 15 Oct 76

Cyanide insensitive oxidase in platelets of newborn infant. Del Principe D, et al. **Thromb Haemostas** 37(2):339–43, 30 Apr 77

Enzymatic properties of 5'–AMP deaminase in platelet lysates. Holmsen H, et al. **Thromb Haemostas** 37(3):380–95, 30 Jun 77

Influence of cytotoxic drugs on platelet functions and coagulation in vitro. IV. Melphalan. Klener P, et al. **Thromb Haemostas** 37(1):53–61, 28 Feb 77

Platelet elastase and leukocyte elastase are two different entities [letter] Legrand Y, et al. **Thromb Haemostas** 37(3):580–2, 30 Jun 77

Effect of thrombin and ADP on a membrane bound cyclic AMP dependent kinase of human platelets. Studies on normal platelets and those from patients with Von Willebrand's disease. Smith D, et al. **Thromb Res** 10(2):301–8, Feb 77

Action of delta9–tetrahydrocannabinol on membrane–bound monoamine oxidase activity. Banerji A, et al. **Toxicol Appl Pharmacol** 40(2):347–54, May 77

[Analysis of platelet superoxide dismutase 1 in the development of childhood psychoses (letter)] Golse B, et al. **Nouv Presse Med** 6(27):2449, 2–9 Jul 77 **(Fre)**

[Improved methods for the cytochemical demonstration of platelet peroxidase (author's transl)] Breton–Gorius J, et al. **Nouv Rev Fr Hematol** 16(3):381–9, 1976 (Eng. Abstr.) **(Fre)**

[Thrombocytopathia with cyclo–oxygenase deficiency] Dechavanne M, et al. **Nouv Rev Fr Hematol** 16(3):421–6, 1976 (Eng. Abstr.) **(Fre)**

[Cyclic AMP–dependent protein kinase in blood platelets of rats: activation by prostaglandin E–1] Coquil JF, et al. **Union Med Can** 106(4):457–64, Apr 77 (Eng. Abstr.)**(Fre)**

[Enzyme activities in normal platelets of different specific gravity (author's transl)] Nerke O, et al. **Klin Wochenschr** 55(2):77–81, 15 Jan 77 (Eng. Abstr.) **(Ger)**

[Enzyme activities in thrombocytes of various density in subjects with normal and elevated thrombocyte count] Nerke O, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1626–8, 1976 **(Ger)**

[Kinetics of blood platelet monoamine oxidase in patients with cyclophrenic depressive syndromes] Landowski J. **Psychiatr Pol** 11(2):151–7, Mar–Apr 77 (Eng. Abstr.) **(Pol)**

[Comparative effect of chlorpromazine, imipramine and papaverine on the blood platelet function] Bartel' V, et al. **Farmakol Toksikol** 39(3):296–301, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Disorder of the regulation of metabolic processes in coronary arteriosclerosis] Gerasimova EN. **Kardiologiia** 16(2):18–23, Feb 76 (Eng. Abstr.) **(Rus)**

[Age and changes in the isoenzyme spectrum of rabbit thrombocyte lactate dehydrogenase] Nosova IM, et al. **Ontogenez** 7(5):521–4, 1976 (Eng. Abstr.) **(Rus)**

[Activity of lactate dehydrogenase and its isoenzymes in the thrombocytes in different forms of cerebral circulatory disorder] Khmara NF, et al. **Vopr Med Khim** 22(2):183–7, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Hereditary diseases caused by disorders in glycoconjugate metabolism] Rozenfel'd EL. **Vopr Med Khim** (1):3–12, Jan–Feb 77 (41 ref.) **(Rus)**

[Adenase of formed elements of blood of donors and of patients with different blood diseases] Sokovnina IaM, et al. **Vopr Med Khim** 22(1):117–9, Jan–Feb 76 (Eng. Abstr.) **(Rus)**

[Adenase inhibitor in thrombocytes of healthy humans] Sokovnina IaM, et al. **Vopr Med Khim** (3):425–7, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Osmotic shock of platelets. II. Influence of different chemicals. Osmotic shock on filtered platelets (author's transl)] García–Conde J, et al. **Sangre (Barc)** 22(4):426–36, 1977 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Pulmonary metastasis formation after trauma. Ivarsson L. **Acta Chir Scand [Suppl]** (463):1–46, 1976

Platelet and leukocyte antibodies in autoimmune hemolytic anemia. Fagiolo E. **Acta Haematol (Basel)** 56(2):97–106, 1976

Circulating anticoagulant against Factor XII and platelet antibodies in systemic lupus erythematosus. Gandolfo GM, et al. **Acta Haematol (Basel)** 57(3):135–42, 1977

Incorporation of H3–leucine in the mouse kidney in thrombocytopenia. Attempt to demonstrate thrombopoietin production. Krizsa F, et al. **Acta Haematol (Basel)** 58(3):134–7, 1977

Interactions of immune complexes and platelets in rabbits immunized with hapten–carrier conjugates. Kekomäki R, et al. **Acta Pathol Microbiol Scand [C]** 85(3):207–14, Jun 77

The preparation of an antiserum against human monocytes. Stuart A, et al. **Adv Exp Med Biol** 73 Pt B:105–9, 1976

Platelets, prostaglandins and inflammation. Smith MJH, et al. **Agents Actions** 6(6):701–4, Nov 76

Detection of drug–dependent antibodies by the 51Cr platelet lysis test: documentation of immune thrombocytopenia induced by diphenylhydantoin, diazepam, and sulfisoxazole. Cimo PL, et al. **Am J Hematol** 2(1):65–72, 1977

Post–transfusion thrombocytopenic purpura: a case report. Howard JE, et al. **Am J Hematol** 1(3):339–42, 1976

Infectious mononucleosis and severe thrombocytopenia. Krishnamurthy M, et al. **Am J Med Sci** 272(2):221–4, Sep–Oct 76

Animal model: canine and equine immune–mediated thrombocytopenia, and idiopathic thrombocytopenic purpura. Dodds WJ. **Am J Pathol** 86(2):489–91, Feb 77

Formation of slow–reacting substance by guinea pig immunoglobulins. Jancar S, et al. **Am J Pathol** 85(3):531–47, Dec 76

Experimental aortic lesions of acute serum sickness in rabbits. Sharma HM, et al. **Am J Pathol** 88(2):255–66, Aug 77

Hashimoto's thyroiditis, myasthenia gravis, idiopathic thrombocytopenic purpura [letter]. Segal BM, et al. **Ann Intern Med** 85(6):761–3, Dec 76

beta–Lysin of platelet origin. Donaldson DM, et al. **Bacteriol Rev** 41(2):501–13, Jun 77 (66 ref.)

Platelet–associated IgG in immune thrombocytopenic purpura. Luiken GA, et al. **Blood** 50(2):317–25, Aug 77

Effects of cephalothin and penicillin G on platelet function in vitro. Cazenave J–P, et al. **Br J Haematol** 35(1):135–52, Jan 77

Platelet antibodies in thrombocytopenic patients. Hegde UM, et al. **Br J Haematol** 35(1):113–22, Jan 77

Specific interaction of HLA antibodies (eluates) with washed platelets. Heinrich D, et al. **Br J Haematol** 35(3):441–52, Mar 77

Factor XI and platelets: Evidence that platelets contain only minimal factor XI activity and antigen. Schiffman S, et al. **Br J Haematol** 35(3):429–36, Mar 77

Inhibition of hypoxic pulmonary vasoconstriction by dipyridamole is not platelet mediated. Mlczoch J, et al. **Can J Physiol Pharmacol** 55(3):448–51, Jun 77

Possible effects of non–HLA antibodies in common typing sera on HLA antigen frequency data in leukemia. Pollack MS, et al. **Cancer** 39(6):2348–54, Jun 77

Structural studies of beta2–microglobulin–associated and other MHC antigens. Peterson PA, et al. **Cold Spring Harbor Symp Quant Biol** 41 Pt 1:331–9, 1977

Solubilization of biologically active cell surface antigens. Pincus JH. **Contemp Top Mol Immunol** 5:87–124, 1976 (171 ref.)

The immune response to allogeneic rat platelets; Ag–B antigens in matrix form lacking Ia. Welsh KI, et al. **Eur J Immunol** 7(5):267–72, May 77

Acute hypotension due to carrageenan, arachidonic acid and slow reacting substance C in the rabbit: role of platelets

and nature of pharmacological antagonism. Vargaftig BB, et al. **Eur J Pharmacol** 43(2):125–41, 15 May 77

Prolongation of rat renal allograft survival by cyclophosphamide and intravenous donor-specific antigens. Bramis JP, et al. **Eur Surg Res** 9(2):140–54, 1977

Periodate-induced lymphocyte transformation. VI. Stimulation of human lymphocytes by periodate-treated allogeneic cells. Parker JW, et al. **Exp Cell Res** 107(1):169–77, Jun 77

Effects of chronic hypoxia on platelet production in mice. Langdon JR, et al. **Exp Hematol** 5(3):191–8, May 77

Hematologic changes and thrombopoietin production in mice after X-irradiation and platelet-specific antisera. McDonald TP, et al. **Exp Hematol** 5(4):291–8, 1977

Trypanosoma brucei and Trypanosoma vivax: antigen-antibody complexes as a cause of platelet serotonin release in vitro and in vivo. Slots JM, et al. **Exp Parasitol** 43(1):211–9, Oct 77

Electron microscopy of Kupffer cells in the orthotopic porcine liver homograft during the late stage after transplantation (phagocytosis of host cells by Kupffer cells). Cossel L. **Exp Pathol (Jena)** 11(3–4):168–81, 1975

Adhesion and aggregation of human platelets to rabbit subendothelium. A new approach for investigation: specific antibodies. Caen JP, et al. **Experientia** 33(1):91–3, 15 Jan 77

Platelet transfusion. Curtoni ES, et al. **Haematologica (Pavia)** 61(4):498–510, Dec 76

Platelet migration inhibition test for platelet antibodies...parameters and simplified methodology. Nishiki M, et al. **Hiroshima J Med Sci** 25(4):187–9, Dec 76

Complement receptors and cell associated complement components. McConnell I, et al. **Immunol Commun** 6(2):111–32, 1977 (63 ref.)

Interaction between complement and cells in the microcirculation of the rat. pp. 419–24. Majewski BB, et al.
In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a.

Immune complex diseases: cellular mediators and the pathogenesis of inflammatory tissue injury produced by immune complexes. pp. 94–106. Henson PM.
In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e. (56 ref.)

The development of a histocompatible platelet transfusion service in a regional blood center. pp. 85–93. Filip DJ.
In: HLA typing. Washington, American Assoc. of Blood Banks, 1976. WH 460 A5136h 1976.

Antibody screening and crossmatching for allotransplantation. pp. 75–84. Noreen H, et al.
In: HLA typing. Washington, American Assoc. of Blood Banks, 1976. WH 460 A5136h 1976.

The role of histocompatibility in platelet and granulocyte transfusion therapy. pp. 27–42. Yankee R, et al.
In: HLA typing. Washington, American Assoc. of Blood Banks, 1976. WH 460 A5136h 1976.

HLA—the major human histocompatibility complex. pp. 3–7. Perkins HA.
In: Human bone marrow transplantation. Washington, American Assoc. of Blood Banks, 1976. WH 380 S989h 1976.

Interaction of lipoteichoic acid of group A streptococci with human platelets. Beachey EH, et al. **Infect Immun** 16(2):649–54, May 77

Platelet migration inhibition test for platelet antibodies. Parameters and simplified methodology. Maples JA, et al. **Int Arch Allergy Appl Immunol** 54(4):374–7, 1977

Quantitative requirements for C3 to induce Forssman systemic shock and cutaneous hemorrhagic vasculitis in guinea pigs. Newman S, et al. **J Allergy Clin Immunol** 59(4):327–33, Apr 77

Mechanism of complement-mediated activation of human blood platelets in vitro: comparison of normal and paroxysmal nocturnal hemoglobinuria platelets. Dixon RH, et al. **J Clin Invest** 59(2):360–8, Feb 77

Immunoinhibition of ristocetin-induced platelet aggregation. Nachman RL, et al. **J Clin Invest** 59(1):143–8, Jan 77

Antibody-mediated suppression of tumor growth. II. Macrophage and platelet cooperation with murine IgG1 isolated from alloantiserum. Johnson RJ, et al. **J Immunol** 118(2):494–7, Feb 77

Accumulation of platelets at sites of antigen-antibody-mediated injury: a possible role for IgE antibody and mast cells. Kravis TC, et al. **J Immunol** 118(5):1569–73, May 77

Ag-B-linked analogue of Ia antigens in the rat. Shinohara N, et al. **J Immunol** 118(6):2083–7, Jun 77

The platelet factor 3 immunoinjury technique re-evaluated

Development of a rapid test for antiplatelet antibody. Detection in various clinical disorders, including immunologic drug-induced and neonatal thrombocytopenias. Karpatkin M, et al. **J Lab Clin Med** 89(2):400–8, Feb 77

The detection of platelet isoantibodies by membrane immunofluorescence. van der Schans GS, et al. **J Lab Clin Med** 90(1):4–10, Jul 77

Cytotoxic antibody complicating platelet support in acute leukemia. Response to chemotherapy. Green D, et al. **JAMA** 236(9):1044–6, 30 Aug 76

The functional capacity of guinea pig megakaryocytes. II. The uptake of particles and macromolecules and the effect of rabbit antiguinea pig platelet antiserum. Fedorko ME. **Lab Invest** 36(3):321–8, Mar 77

Cryopreserving HLA-typed platelets obtained on cell separators [letter] Herve P, et al. **Lancet** 2(8027):45, 2 Jul 77

Detection of platelet-bound IgG with 125I-labelled staphylococcal protein A. Kekomäki. **Med Biol** 55(2):112–4, Apr 77

Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133–45, Sep 77 (91 ref.)

Thrombocytopenia during heparin therapy [letter]. **N Engl J Med** 295(21):1200–1, 18 Nov 76

Platelets and factor VIII in von Willebrand's disease [letter]. Green D, et al. **N Engl J Med** 296(23):1357, 9 Jun 77

Red-cell and platelet fragmentation in idiopathic autoimmune thrombocytopenic purpura. Zucker-Franklin D, et al. **N Engl J Med** 297(10):517–23, 8 Sep 77

New approaches to determination of specific functions of platelet membrane sites. Tobelem G, et al. **Nature** 263(5576):427–9, 30 Sep 76

Immune thrombocytopenic purpura: an overview. Amaral BW. **Postgrad Med** 61(4):197–202, Apr 77

Chlorpropamide-induced thrombocytopenia. Cunliffe DJ, et al. **Postgrad Med J** 53(616):87–8, Feb 77

The mitotic index of megakaryocytes of mice after acute thrombocytopenia. Odell TT, et al. **Proc Soc Exp Biol Med** 155(2):149–51, Jun 77

Antibody-dependent cell-mediated cytolysis (ADCC): analyses and projections. Lovchik JC, et al. **Prog Allergy** 22:1–44, 1977 (131 ref.)

Experimental immunologic thrombocytopenia in dogs: a study of thrombocytopenia and megakaryocytopoiesis. Joshi BC, et al. **Res Vet Sci** 22(1):11–17, Jan 77

Post-transfusion purpura in a pig. Linklater KA. **Res Vet Sci** 22(2):257–8, Mar 77

[Typing and detection of antibodies in the PLA system (platelet). Application to the study of neonatal thrombopenia by feto-maternal PLA allo-immunisation] Soulier JP, et al. **Rev Fr Transfus Immunohematol** 19(3):431–48, Sep 76 (Eng. Abstr.)

The clot: platelet transfusion. Chapman R. **Rocky Mt Med J** 74(3):146–50, May-Jun 77

Garcia's disease. Cyclic thrombocytopenic purpura in a child and abnormal platelet counts in his family. Aranda E, et al. **Scand J Haematol** 18(1):39–46, Jan 77

Platelet production capacity at intervals after acute thrombocytopenia. Jackson CW, et al. **Scand J Haematol** 17(4):285–92, Oct 76

Specific antisera against human blood cells applicable in the indirect immunofluorescence technique. Brutel de la Rivière A, et al. **Scand J Immunol** 5(9):1065–74, 1976

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C. **Semin Thromb Hemostas** 3(3):125–59, Jan 77 (165 ref.)

Release, aggregation and lysis of human platelets by antilymphocyte globulin and antiplatelet serum. Lekas N, et al. **Thromb Haemostas** 36(2):411–23, 30 Nov 76

Effect of platelet antiserum on the activation of intravascular coagulation by endotoxin. Kramer W, et al. **Thromb Res** 10(1):47–70, Jan 77

Factor VIII related antigen in platelets of patients with Von Willebrand's disease. Sultan Y, et al. **Thromb Res** 11(1):23–30, Jul 77

Reactivity of anti-HLA sera against mouse lymphocytes. Colombani J, et al. **Tissue Antigens** 9(2):111–20, Feb 77

HLA antigens in 16 families with xeroderma pigmentosum. Giraldo G, et al. **Tissue Antigens** 9(3):167–70, Mar 77

A 'natural' anti-HLA-A2 antibody reacting with homozygous cells. Lepage V, et al. **Tissue Antigens** 8(2):139–42, AUG 76

Expression of HLA-B12 on platelets, on lymphocytes and in serum: a quantitative study. Liebert M, et al. **Tissue Antigens** 9(4):199–208, Apr 77

Possible evidence for a new C-locus specificity: studies of the serum Pullium. Cross DE, et al. **Transplant Proc** 9(1 Suppl 1):51–2, Mar 77

Transfusion therapy of refractory thrombcytopenic patients with platelets from donors selectively mismatched for cross-reactive HLA antigens. Duquesnay RJ, et al. **Transplant Proc** 9(1 Suppl 1):221-4, Mar 77

Controlled studies of the pathogenesis of hyperacute cardiac allograft rejection in actively immunized recipients. Forbes RD, et al. **Transplant Proc** 9(1):301-3, Mar 77

Serologic analysis of the HLA-A10 complex. II. Absorption studies on Aw25, Aw26, and Aw34. Hackbarth SA, et al. **Transplant Proc** 9(1 Suppl 1):43-5, Mar 77

Simplification of B-cell antisera of the Merrit system with platelets and lymphoblastoid cell lines. Naeim F, et al. **Transplant Proc** 9(1):439-44, Mar 77

Anti-platelet autoantibodies with new specificities detected in patients after renal allotransplantation. von Felten A, et al. **Transplantation** 22(5):531-3, Nov 76

A comparative analysis of methods suitable for detection of platelet alloantibodies: inhibition of 14C-serotonin uptake, 14C-serotonin release and microcomplement fixation. Heinrich D, et al. **Vox Sang** 32(6):325-34, 1977

In vivo and in vitro activation of T-antigen receptors on leukocytes and platelets. Hysell JK, et al. **Vox Sang** 31(1 SUPPL):9-15, 1976

The problem of platelet autoantibodies. II. The applicability of the 14C-serotonin release test. Mueller-Eckhardt C, et al. **Vox Sang** 33(4):234-45, Oct 77

The problem of platelet autoantibodies. I. Evaluation of the platelet factor 3 availability test for their detection. Mueller-Eckhardt C, et al. **Vox Sang** 33(4):221-33, Oct 77

The role of immune complexes in disease. **WHO Tech Rep Ser** (606):1-58, 1977 (214 ref.)

[Posttransfusion purpura. An unusual and rare transfusion complication] Willumsen L, et al. **Ugeskr Laeger** 139(22):1293-5, 30 May 77 (Eng. Abstr.) **(Dan)**

[HL-A and disease] Feltkamp TE. **Ned Tijdschr Geneeskd** 121(36):1399-401, 3 Sep 77 **(Dut)**

[Immunologic abnormalities during treatment with penicillamine] Recordier AM, et al. **Ann Med Interne (Paris)** 127(8-9):566-70, AUG-SEP 76 **(Fre)**

[Clinics and genetics of Glanzmann's thrombasthenia (author's translation)] Lévy JM, et al. **Nouv Rev Fr Hematol** 16(3):399-405, 1976 (Eng. Abstr.) **(Fre)**

[Platelet transfusion] Mannoni P, et al. **Rev Fr Transfus Immunohematol** 19(3):489-511, Sep 76 **(Fre)**

[About the elimination of thromboagglutinins from anti-lymphocytic serum (author's transl)] Bednařík T, et al. **Allerg Immunol (Leipz)** 23(1):43-6, 1977 (Eng. Abstr.) **(Ger)**

[The demonstration of HL-A antigens on thrombocytes under various conditions] Bube FW, et al. **Folia Haematol (Leipz)** 103(2):240-7, 1976 (Eng. Abstr.) **(Ger)**

[The appearance of anti-thrombocyte and anti-leukocyte antibodies in hemophilia A patients after cryoprecipitate transfusions] Uteg KH, et al. **Folia Haematol (Leipz)** 103(5):771-6, 1976 (Eng. Abstr.) **(Ger)**

[Non-HL-A specific anti-thrombocyte autoantibodies in patients after kidney transplantation] Kuster J, et al. **Schweiz Med Wochenschr** 106(40):1376, 2 Oct 76 (Eng. Abstr.) **(Ger)**

[Experiences with thrombocytopenia test in specific diagnosis of food hypersensitivity] Much T, et al. **Schweiz Med Wochenschr** 107(8):267-71, 26 Feb 77 (Eng. Abstr.) **(Ger)**

[Anti-thrombocyte antibodies] von Felten A. **Schweiz Med Wochenschr** 106(40):1340-5, 2 Oct 76 (Eng. Abstr.) **(Ger)**

[Standard methods of blood group serology--state and trends of development] Brandstädter W. **Z Gesamte Inn Med** 32(2):23-6, 15 Jan 77 (Eng. Abstr.) **(Ger)**

[Thrombocytopoietic effect induced by repeated administration of antithrombocyte serum] Cserháti I. **Orv Hetil** 117(35):2103-5, 29 Aug 76 **(Hun)**

[Malignant lymphoma in the light of clinical, histological and prognostic data] Lawkowicz W, et al. **Pol Arch Med Wewn** 57(2):137-44, Feb 77 **(Pol)**

[Thrombocyte antigens of dogs] Belotskii SM. **Biull Eksp Biol Med** 82(12):1455-7, Dec 76 (Eng. Abstr.) **(Rus)**

[Complications of blood transfusion in dogs. Role of incompatibility with regard to thrombocyte antigens] Belotskiĭ SM, et al. **Eksp Khir Anesteziol** (6):72-4, Nov-Dec 76 (Eng. Abstr.) **(Rus)**

[Various indicators of humoral immunity in patients with hematopoietic hypoplasia after bone marrow transplantation] Timoshenko LI, et al. **Zh Mikrobiol Epidemiol Immunobiol** (5):75-7, May 77 (Eng. Abstr.) **(Rus)**

[Antileukocyte and antithrombocyte antibodies in correlation with the incidence of cytotoxic anti-HL-A antibodies in hematologic diseases of various etiology] Dinić B, et al. **Bilt Hematol Transfuz** 4(3):11-6, 1976 (Eng. Abstr.) **(Scr)**

[51Cr assay of platelet kinetics in forty-one patients with peripheral thrombocytopenia (author's transl)] Vázquez R, et al. **Sangre (Barc)** 21(3):513-22, 1976 (Eng. Abstr.) **(Spa)**

INJURIES

Ultrasonic exposure modifies platelet morphology and function in vitro. Williams AR, et al. **Ultrasound Med Biol** 2(4):311-7, 1977

METABOLISM

Effects of sex steroids on serotonin uptake in blood platelets. Ehrenkranz JR. **Acta Endocrinol (Kbh)** 83(2):420-8, Oct 76

Binding of deoxyribonucleic acid to the surface of human platelets. Clejan L, et al. **Acta Haematol (Bl.** **>8(2):84-8,** 1977

Studies on human platelets stored at 20-22 degrees C without agitation. Vainer H, et al. **Acta Haematol (Basel)** 56(3):160-73, 1976

On the formation and effects of thromboxane A2 in human platelets. Svensson J, et al. **Acta Physiol Scand** 98(3):285-94, Nov 76

Protein binding to monosodium urate crystals and its effect on platelet degranulation. Kozin F, et al. **Adv Exp Med Biol** 768:201-8, 1977

Biological consequences of prostaglandin molecular conformations. Andersen NH, et al. **Adv Prostaglandin Thromboxane Res** 1:271-89, 1976 (65 ref.)

The role of prostaglandin endoperoxides and thromboxanes in platelet aggregation. Samuelsson B, et al. **Adv Prostaglandin Thromboxane Res** 2:737-46, 1976

Introduction: new trends in prostaglandin research. Samuelsson B. **Adv Prostaglandin Thromboxane Res** 1:1-6, 1976 (26 ref.)

The influence of phospholipase A2 on prostaglandin production in platelets. Schoene NW, et al. **Adv Prostaglandin Thromboxane Res** 2:763-6, 1976

Platelet prostaglandin production and its implications. Smith JB, et al. **Adv Prostaglandin Thromboxane Res** 2:747-53, 1976

Prostaglandin endoperoxides, serotonin and the superfused rabbit aorta: possible pitfalls in the bio-assay of rabbit aorta contracting substance (RCS). Bult H, et al. **Agents Actions** 6(6):712-20, Nov 76

Platelet injury during phototherapy. Maurer HM, et al. **Am J Hematol** 1(1):89-96, 1976

The effect of thrombin on the uptake and transformation of arachidonic acid by human platelets. Russell FA, et al. **Am J Hematol** 1(1):59-70, 1976

Localization in platelets of sodium 51Cr-chromate, 125I-antibody to whole membrane, and 3H-diisopropylfluorophosphate using electron microscopic autoradiography. Baker JR, et al. **Am J Pathol** 88(2):277-90, Aug 77

The influence of prostaglandin G2 on platelet ultrastructure and platelet secretion. Gerrard JM, et al. **Am J Pathol** 86(1):99-115, Jan 77

Effects of nitroblue tetrazolium and vitamin E on platelet ultrastructure, aggregation, and secretion. White JG, et al. **Am J Pathol** 88(2):387-402, Aug 77

Sodium-dependent transport of 5-hydroxytryptamine (serotonin) by canine blood platelets. Chong G, et al. **Arch Biochem Biophys** 179(2):600-7, Mar 77

Allosteric behavior of platelet myosin. Malik MN, et al. **Arch Biochem Biophys** 178(2):451-8, 30 Jan 77

Biochemical studies on a low molecular weight antiplasmin of human blood. Mui PT, et al. **Arch Biochem Biophys** 179(1):166-73, Feb 77

The human platelet. A diagnostic and research tool for the study of biogenic amines in psychiatric and neurologic disorders. Stahl SM. **Arch Gen Psychiatry** 34(5):509-16, May 77 (126 ref.)

The influence of trypsin and neuraminidase on content of serotonin in rat blood platelets. Koćmierska-Grodzka D. **Arch Immunol Ther Exp (Warsz)** 24(4):565-73, 1976

Interference by fenfluramine with the storage of 14C-5-hydroxytryptamine in rat platelets. Wielosz M, et al. **Arch Int Pharmacodyn Ther** 225(2):232-9, Feb 77

Platelet release abnormality and reduced prothrombin levels in children with cyanotic congenital heart disease. Ekert H, et al. **Aust Paediatr J** 13(1):17-21, Mar 77

beta-Lysin of platelet origin. Donaldson DM, et al. **Bacteriol Rev** 41(2):501-13, Jun 77 (66 ref.)

Demonstration of a receptor on rabbit neutrophils for

chemotactic peptides. Aswanikumar S, et al. **Biochem Biophys Res Commun** 74(2):810–7, 24 Jan 77

Relationship between phosphorylation of blood platelet proteins and secretion of platelet granule constituents. I. Effects of different aggregating agents. Haslam RJ, et al. **Biochem Biophys Res Commun** 77(2):714–22, 25 Jul 77

D-Galactose-binding lectins induce a differential response of blood platelets. Patscheke H, et al. **Biochem Biophys Res Commun** 75(1):200–6, 7 Mar 77

Platelet plasma membrane glycoproteins. Identification of a proteolytic substrate for thrombin. Phillips DR, et al. **Biochem Biophys Res Commun** 75(4):940–7, 25 Apr 77

Biosynthesis of thromboxanes in human platelets. I. Characterization and assay of thromboxane synthetase. Sun FF. **Biochem Biophys Res Commun** 74(4):1432–40, 21 Feb 77

High affinity binding of thrombin to platelets. Inhibition by tetranitromethane and heparin. Workman EF Jr, et al. **Biochem Biophys Res Commun** 75(4):925–32, 25 Apr 77

Arachidonic acid release from diacyl phosphatidylethanolamine by human platelet membranes. Jesse RL, et al. **Biochem J** 158(2):283–7, 15 Aug 76

Increase in sialic acids removable by neuraminidase during the shape change of platelets. Motamed M, et al. **Biochem J** 158(3):655–7, 15 Sep 76

Trypsin-induced phospholipase activity in human platelets. Pickett WC, et al. **Biochem J** 160(2):405–8, 15 Nov 76

Platelet phospholipids in venous thrombosis after surgical operation. Ciavatti M, et al. **Biochem Med** 17(2):180–6, Apr 77

Uptake and release of 5-hydroxytryptamine by rabbit platelets. I. Thermodynamic studies. Cusimano VJ, et al. **Biochem Med** 17(3):258–66, Jun 77

Uptake and release of 5-hydroxytryptamine by rabbit platelets. II. Kinetic analysis of inhibition by chlorpheniramine maleate. Cusimano VJ, et al. **Biochem Med** 17(3):267–74, Jun 77

Effects of reserpine on rabbit platelet aggregation and adherence to collagen or injured rabbit aorta. Cazenave JP, et al. **Biochem Pharmacol** 26(2):149–57, 15 Jan 77

Demonstration and evaluation of apparent cytoplasmic and vesicular serotonin compartments in human platelets. Costa JL, et al. **Biochem Pharmacol** 26(6):517–21, 15 Mar 77

Release of serotonin from mast cells induced by N-(2-ethylhexyl)-3-hydroxybutyramide and catecholamine. Ichikawa A, et al. **Biochem Pharmacol** 26(3):197–202, 1 Feb 77

Effects of 4-(3-indolyl-alkyl)piperidine derivatives on uptake and release of noradrenaline, dopamine and 5-hydroxytryptamine in rat brain synaptosomes, rat heart and human blood platelets. Le Fur G, et al. **Biochem Pharmacol** 26(6):497–503, 15 Mar 77

Effect of thio reagents on platelet transport processes and responses to stimuli. MacIntyre DE, et al. **Biochem Pharmacol** 26(4):319–23, 15 Feb 77

Serotonin transport and storage in rabbit blood platelets--the effects of reserpine and imipramine. Reimers HJ, et al. **Biochem Pharmacol** 26(18):1645–55, 15 Sep 77

Effects of reserpine and serotonin on adenine nucleotide matabolism and glucose oxidation of washed rabbit platelets. Reimers HJ, et al. **Biochem Pharmacol** 26(18):1667–70, 15 Sep 77

Effect of reserpine on adenosive uptake and metabolism, and subcellular transport of platelet adenosine triphosphate in washed rabbit platelets. Reimers HJ, et al. **Biochem Pharmacol** 26(18):1657–65, 15 Sep 77

Effect of dipyridamole and its monoglucuronide derivative on adenosine uptake by human platelets and ADP-induced platelet aggregation. Subbarao K, et al. **Biochem Pharmacol** 26(9):906–7, 1 May 77

Effects of methoxyamphetamines on the uptake and release of [3H]5-hydroxytryptamine by human blood platelets. Tseng LF, et al. **Biochem Pharmacol** 26(7):647–9, 1 Apr 77

Phosphorylation of platelet microtubule proteins by an endogenous protein kinase. Castle AG, et al. **Biochem Soc Trans** 4(4):691–3, 1976

Increased phosphorylation of specific blood platelet proteins in association with the release reaction. Haslam RJ, et al. **Biochem Soc Trans** 4(4):694–7, 1976

Interaction of human blood platelets with the 2',3'-dialdehyde derivatives of adenosine diphosphate and adenosine triphosphate. Pearce PH, et al. **Biochem Soc Trans** 5(1):138–9, 1977

Equilibrium binding of thrombin to platelets. Martin BM, et al. **Biochemistry** 15(22):4886–93, 2 Nov 76

Plasma membrane phosphorylation by endogenous phosphate donors in human blood platelets. Selectivity of the action of dibutyryl cyclic AMP. Apitz-Castro R, et al. **Biochim Biophys Acta** 455(2):371–82, 2 Dec 76

Action of highly purified phospholipases on blood platelets. Evidence for an asymmetric distribution of phospholipids in the surface membrane. Chap HJ, et al. **Biochim Biophys Acta** 467(2):146–64, 2 Jun 77

Incorporation of mannose and glucose into prenylphosphate sugars in isolated human platelet membranes. De Luca S. **Biochim Biophys Acta** 498(1):341–8, 21 Jul 77

The effects of alterations of transmembrane Na+ and K+ gradients by ionophores (nigericin, monensin) on serotonin transport in human blood platelets. Feinstein MB, et al. **Biochim Biophys Acta** 468(2):284–95, 14 Jul 77

Adenine nucleotide metabolism of blood platelets. IX. Time course of secretion and changes in energy metabolism in thrombin-treated platelets. Fukami MH, et al. **Biochim Biophys Acta** 444(3):633–43, 22 Oct 76

The perturbation of thrombin binding to human platelets by trypsin and neuraminidase. Ganguly P. **Biochim Biophys Acta** 498(1):21–8, 23 Jun 77

Stimulation of calcium uptake in platelet membrane vesicles by adenosine 3',5'-cyclic monophosphate and protein kinase. Käser-Glanzmann R, et al. **Biochim Biophys Acta** 466(3):429–40, 2 May 77

A comparative study of the effect of modification of the surface of human platelets on the receptors for aggregated immunoglobulins and for ristocentin-von Willebrand factor. Pfueller SL, et al. **Biochim Biophys Acta** 465(3):614–26, 17 Mar 77

Interrelation of prostaglandin endoperoxide (prostaglandin G2) and cyclic 3',5'-adenosine monophosphate in human blood platelets. Salzman EW. **Biochim Biophys Acta** 499(1):48–60, 25 Aug 77

Inhibition of human platelet mitochondrial protein synthesis by chloramphenicol. Agam G, et al. **Biomedicine [Express]** 27(2):66–9, Mar 77

Specific thrombopoietic inhibition by syngeneic platelet homogenates. Krizsa F, et al. **Biomedicine [Express]** 27(4):145–8, Jun 77

Collagen stimulates more platelet prostaglandin endoperoxides in thrombosis. Lagarde M, et al. **Biomedicine [Express]** 27(3):119–23, Apr 77

Circulating anticoagulant in a family with prolonged bleeding time and factor VIII deficiency. Diez-Ewald M, et al. **Blood** 49(5):799–806, May 77

Relationships between thrombopoiesis and erythropoiesis: with studies of the effects of preparations of thrombopoietin and erythropoietin. Evatt BL, et al. **Blood** 48(4):547–58, Oct 76

Factor V activity of platelets: evidence for an activated factor V molecule and for a platelet activator. Osterud B, et al. **Blood** 49(5):819–34, May 77

Labeling of the releasable adenine nucleotides of washed human platelets. Reimers HJ, et al. **Blood** 49(1):89–99, Jan 77

The effect of nisoxetine (Lilly compound 94939), a potential antidepressant, on biogenic amine uptake in man. Lemberger L, et al. **Br J Clin Pharmacol** 3(2):215–20, Apr 76

Factor VIII and human platelet aggregation. II. Characteristics of aggregation of human platelets by bovine factor VIII. Bottecchia D, et al. **Br J Haematol** 34(2):313–20, Oct 76

Abnormal platelet function in Chediak-Higashi syndrome. Boxer GJ, et al. **Br J Haematol** 35(4):521–533, Apr 77

Binding of thrombin to human platelets and its possible significance. Ganguly P, et al. **Br J Haematol** 34(2):291–301, Oct 76

Membrane changes in human platelets induced by lipopolysaccharide endotoxin. Hawiger J, et al. **Br J Haematol** 35(2):285–99, Feb 77

Adenosine diphosphate induced platelet aggregation and release reaction in heparinized platelet rich plasma and the influence of added citrate. Heptinstall S, et al. **Br J Haematol** 36(4):565–71, Aug 77

Incorporation of 32PO4 into phospholipids of blood platelets. Leung NL, et al. **Br J Haematol** 36(3):417–25, Jul 77

A comparison of platelet size, latelet count, and platelet 35S incorporation as assays for thrombopoietin. McDonald TP. **Br J Haematol** 34(2):257–67, Oct 76

Platelet density and size: the interpretation of heterogeneity. Penington DG, et al. **Br J Haematol** 34(3):365–76, Nov 76

Evidence that washed human platelets possess factor-X activator activity. Semeraro N, et al. **Br J Haematol** 36(1):107–15, May 77

Preparation and storage of platelet concentrates. II. Storage variables influencing platelet viability and function. Slichter SJ, et al. **Br J Haematol** 34(3):403–19, Nov 76

Metabolism and function of human platelets washed by albumin density gradient separation. Walsh PN, et al. **Br J Haematol** 36(2):287–96, Jun 77

Platelet antithrombins: role of thrombin binding and the

release of platelet fibrinogen. Watanabe K, et al. **Br J Haematol** 35(1):123–33, Jan 77

Evidence for a splenic release factor of platelets in chronic blood loss plasma of rabbits. Weintraub AH, et al. **Br J Haematol** 34(3):421–6, Nov 76

The distribution and metabolism of arachidonic acid in rabbit platelets during aggregation and its modification by drugs. Blackwell GJ, et al. **Br J Pharmacol** 59(2):353–66, Feb 77

Platelet uptake of [14C]-5-hydroxytryptamine in 'emotional' and 'non-emotional' rats [proceedings]. Boissier JR, et al. **Br J Pharmacol** 58(3):454P–455P, Nov 76

Effects of synthetic prostaglandin analogues on platelet aggregation and secretion [proceedings]. Corey EJ, et al. **Br J Pharmacol** 59(3):446P–447P, Mar 77

Active transport of adenine and adenosine by blood platelets and cultured endothelial cells [proceedings]. de Bono DP, et al. **Br J Pharmacol** 58(3):466P, Nov 76

Aspirin at therapeutic concentrations does not affect 5-hydroxytryptamine uptake by platelets. Drummond AH, et al. **Br J Pharmacol** 59(4):661–2, Apr 77

Selective inhibitory actions of sodium-p-benzyl-4-[1-oxo-2-(4-chlorobenzyl)-3-phenyl propyl] phenyl phosphonate (N-0161) and indomethacin on the biosynthesis of prostaglandins and thromboxanes from arachidonic acid. Eakins KE, et al. **Br J Pharmacol** 60(1):135–40, May 77

Malondialdehyde production and the release reaction in rat blood platelets: inhibition by aspirin and indomethacin ex vivo [proceedings]. Gordon JL, et al. **Br J Pharmacol** 58(2):299P–300P, Oct 76

Transport of 5-hydroxytryptamine by rat and human platelets [proceedings]. Gordon JL, et al. **Br J Pharmacol** 58(2):300P–301P, Oct 76

Selective inhibition of platelet responses to bisenoic prostaglandins [proceedings] MacIntyre DE. **Br J Pharmacol** 60(2):293P–294P, Jun 77

The thrombocyte membrane in circulatory diseases. Born GV. **Bull Schweiz Akad Med Wiss** 32(4–6):175–80, Dec 76

A theory of the mechanism of cerebral vasospasm and its reversal, the role of calcium and cyclic AMP. Peterson EW, et al. **Can J Neurol Sci** 3(4):223–6, Nov 76

Abnormal platelet glycogen metabolism in multiple myeloma patients. Agam G, et al. **Clin Chim Acta** 79(2):437–45, 1 Sep 77

Polyamine distribution in cellular compartments of blood and in aging erythrocytes. Cooper KD, et al. **Clin Chim Acta** 73(1):71–88, 15 Nov 76

A simple radiochemical assay of thromboxane B2, 12-hydroxyeicosatetraenoic acid (HETE) and 12-hydroxyheptadecatrienoic acid (HHT) synthetized by human platelets. Lagarde M, et al. **Clin Chim Acta** 79(1):255–9, 15 Aug 77

Shape changes and reduced calcium level in the surface membrane region of human platelets exposed to manganese in vitro. ap Gwynn I, et al. **Cytobios** 16(62):97–106, 1976

Some effects of ORG GC 94, a potential anti-migraine drug, on human platelets. Bhargava N, et al. **Eur J Pharmacol** 42(3):241–5, 7 Apr 77

Diversion of prostaglandin endoperoxide metabolism by selective inhibition of thromboxane A2 biosynthesis in lung, spleen or platelets. Nijkamp FP, et al. **Eur J Pharmacol** 44(2):179–86, 15 Jul 77

Effects of mazindol and d-fenfluramine of 5-hydroxytryptamine uptake, storage and metabolism in blood platelets. Picotti GB, et al. **Eur J Pharmacol** 42(3):217–24, 7 Apr 77

Acute hypotension due to carrageenan, arachidonic acid and slow reacting substance C in the rabbit: role of platelets and nature of pharmacological antagonism. Vargaftig BB, et al. **Eur J Pharmacol** 43(2):125–41, 15 May 77

Trypanosoma brucei and Trypanosoma vivax: antigen–antibody complexes as a cause of platelet serotonin release in vitro and in vivo. Slots JM, et al. **Exp Parasitol** 43(1):211–9, Oct 77

Lack of platelet factor-3 activation after incubation of platelet-rich plasma with kaolin in the rat. Clerck FD, et al. **Experientia** 32(12):1602–3, 15 Dec 76

The concept of macromolecular heparin and its physiological significance. Horner AA. **Fed Proc** 36(1):35–9, Jan 77

Platelet uptake of octopamine and norepinephrine in hepatic encephalopathy. Morelli A, et al. **Gastroenterology** 73(3):560–4, Sep 77

Disseminated intravascular coagulation. Hollán SR, et al. **Haematologia (Budap)** 10(3–4):319–30, 1976

The effect of heparin on the interaction of factor VIII and human platelets in vitro. de Marco L, et al. **Haemostasis** 6(3):163–70, 1977

Cyclic GMP and cyclic AMP in biological regulation. pp. 99–108. Goldberg ND, et al.
In: Criss WE, et al., ed. Control mechanisms in cancer. New York, Raven Press, 1976. W1 PR667M v.1 1976.

Interaction between complement and cells in the microcirculation of the rat. pp. 419–24. Majewski BB, et al.
In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a.

Platelets, acute inflammation and inflammatory mediators. pp. 313–9. Ferreria SH, et al.
In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.

Platelets, inflammation and non-steroidal anti-inflammatory drugs. pp. 45–51. de Gaetano G.
In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975. (65 ref.)

Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)

Use of newer platelet function tests to define abnormalities of hemostasis and thrombosis. pp. 81–8. Hoak JC, et al.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. pp. 50–80. Holmsen H.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (148 ref.)

Platelets: the last hundred years. pp. 5–22. Mielke CH Jr.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Some basic mechanisms in platelet physiology. pp. 38–49. Salzman EW.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (62 ref.)

Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)

The role of myosin phosphorylation in the regulation of platelet and smooth muscle contractile proteins. pp. 153–63. Adelstein RS, et al.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.

Tubulin and other microtubule associated proteins of the blood platelet. pp. 117–31. Crawford N, et al.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976. (35 ref.)

Actin and actin binding protein in platelets. pp. 133–9. Lucas RC, et al.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.

Release of beta-lysin from platelets caused by antigen–antibody complexes, purified enzymes, and platelet-aggregating substances. Roberts RR, et al. **Infect Immun** 15(2):485–90, Feb 77

Effect of Friend leukemia virus on megakaryocytes and platelets in mice. Brown WM, et al. **Int J Cancer** 18(6):764–73, 15 Dec 76

Studies on the ionophorous antibiotics. VIII. Effects of monovalent and divalent cation ionophores on blood platelets. Mitani M, et al. **J Antibiot (Tokyo)** 30(3):239–43, Mar 77

Platelet uptake and efflux of serotonin in subtypes of psychotic children. Rimland B. **J Autism Child Schizo** 6(4):379–82, Dec 76

Binding of chick skin collagen alpha 1 chain by isolated membranes from human platelets. Chiang TM, et al. **J Biol Chem** 251(20):6347–51, 25 Oct 76

Hydrogen peroxide lowers ATP levels in platelets without altering adenyalte energy charge and platelet function. Holmsen H, et al. **J Biol Chem** 252(5):1752–7, 10 Mar 77

Active transport of 5-hydroxytryptamine by plasma membrane vesicles isolated from human blood platelets. Rudnick G. **J Biol Chem** 252(7):2170–4, 10 Apr 77

Cyclic AMP metabolism in cholesterol-rich platelets. Sinha AK, et al. **J Biol Chem** 252(10):3310–4, 25 May 77

Solubilization and resolution of thromboxane synthesizing system from microsomes of bovine blood platelets. Yoshimoto T, et al. **J Biol Chem** 252(16):5871–4, 25 Aug 77

Physiological regulation of total tubulin and polymerized tubulin in tissues. Pipeleers DG, et al. **J Cell Biol** 74(2):351–7, Aug 77

Stimulation by alcohols of cyclic AMP metabolism in human leukocytes. Possible role of cyclic AMP in the anti-inflammatory effects of ethanol. Atkinson JP, et al. **J Clin Invest** 60(2):284–94, Aug 77

Selective release of archidonic acid from the phospholipids of human platelets in response to thrombin. Bills TK, et al. **J Clin Invest** 60(1):1–6, Jul 77

Interrelations of platelet aggregation and secretion. Charo IF, et al. **J Clin Invest** 60(4):866–73, Oct 77

Binding of collagen alpha1 chains to human platelets. Chiang TM, et al. **J Clin Invest** 59(3):405–11, Mar 77

Mechanism of complement-mediated activation of human blood platelets in vitro: comparison of normal and paroxysmal nocturnal hemoglobinuria platelets. Dixon RH, et al. **J Clin Invest** 59(2):360–8, Feb 77

Cyclic adenosine 3',5'-monophosphate inhibits the availability of arachidonate to prostaglandin synthetase in human platelet suspensions. Minkes M, et al. **J Clin Invest** 59(3):449–54, Mar 77

Synthesis of factor VIII antigen by cultured guinea pig megakaryocytes. Nachman R, et al. **J Clin Invest** 60(4):914–21, Oct 77

The mobilization of arachidonic acid in platelets exposed to thrombin or ionophore A23187. Effects of adenosine triphosphate deprivation. Rittenhouse-Simmons S, et al. **J Clin Invest** 60(2):495–8, Aug 77

Persistence of thromboxane A2-like material and platelet release-inducing activity in plasma. Smith JB, et al. **J Clin Invest** 58(5):1119–22, Nov 76

Binding of dipyridamole to human platelets and to alpha1 acid glycoprotein and its significance for the inhibition of adenosine uptake. Subbarao K, et al. **J Clin Invest** 60(4):936–43, Oct 77

Platelet interaction with modified articular cartilage. Its possible relevance to joint repair. Zucker-Franklin D, et al. **J Clin Invest** 59(4):641–51, Apr 77

Studies on the stimulation of cAMP metabolism by heparin solutions containing benzyl alcohol. Atkinson JP, et al. **J Cyclic Nucleotide Res** 2(4):297–305, Jul-AUG 76

The involvement of prostaglandin endoperoxide formation in the elevation of cyclic GMP levels during platelet aggregation. Glass DB, et al. **J Cyclic Nucleotide Res** 3(1):37–44, Feb 77

Activation of stimulus-specific serine esterases (proteases) in the initiation of platelet secretion. I. Demonstration with organophosphorus inhibitors. Henson PM, et al. **J Exp Med** 144(6):1657–73, 1 Dec 76

Hereditary C5 deficiency in man. III. Studies of hemostasis and platelet responses to zymosan. Breckenridge RT, et al. **J Immunol** 118(1):12–6, Jan 77

Effects of C-reactive protein on platelet function. II. Inhibition by CRP of platelet reactivities stimulated by poly-L-lysine, ADP, epinephrine, and collagen. Fiedel BA, et al. **J Immunol** 117(4):1073–8, Oct 76

Studies of the mechanism of the human platelet release reaction induced by immunologic stimuli. III. Relationship between the binding of soluble IgG aggregates to the Fc receptor and cell response in the presence and absence of plasma. Pfueller SL, et al. **J Immunol** 118(2):514–24, Feb 77

Effects of sulfinpyrazone on platelet prostaglandin synthesis and platelet release of serotonin. Ali M, et al. **J Lab Clin Med** 89(4):868–75, Apr 77

A double-isotope study on incorporation of platelets and red cells into fibrin. Brown RS, et al. **J Lab Clin Med** 90(1):130–40, Jul 77

The role of heparin on platelet retention by acrylonitrile co-polymer dialysis membranes. Lindsay RM, et al. **J Lab Clin Med** 89(4):724–34, Apr 77

Adenine nucleotides in thrombin-degranulated platelets: effect of prolonged circulation in vivo. Reimers HJ, et al. **J Lab Clin Med** 90(3):490–501, Sep 77

The effects of hemorrhage, hypoxia, and a preparation of erythropoietin on thrombopoiesis. Shreiner DP, et al. **J Lab Clin Med** 88(6):930–40, Dec 76

Kinetic characterization of hemostasis in thermal injury. Simon TL, et al. **J Lab Clin Med** 89(4):702–11, Apr 77

The detection of platelet isoantibodies by membrane immunofluorescence. van der Schans GS, et al. **J Lab Clin Med** 90(1):4–10, Jul 77

Potentiation by collagen or epinephrine of platelet responsiveness to aggregation. The possible role of substance(s) released from platelet membranes. Yoshida N, et al. **J Lab Clin Med** 89(3):603–14, Mar 77

Platelet and plasma amine oxidase inhibition and urinary amine excretion changes during phenelzine treatment. Murphy DL, et al. **J Nerv Ment Dis** 164(2):129–34, Feb 77

Effect of high cholesterol diet on platelet aggregation in guinea pigs. Yoshida K, et al. **J Nutr Sci Vitaminol (Tokyo)** 23(2):101–13, 1977

Improved method for evaluating the inhibition of [14C]5-Hydroxytryptamine uptake by rat platelets. Wielosz M, et al. **J Pharm Pharmacol** 28(9):717–8, Sep 76

Effect of cyclophosphamide on metabolic parameters of human platelets and polymorphonuclear leukocytes. Agam G, et al. **J Reticuloendothel Soc** 21(4):237–44, Apr 77

Fat embolism prophylaxis: a study of four treatment modalities. Shier MR, et al. **J Trauma** 17(8):621–9, Aug 77

Viral growth in splenic megakaryocytes of mice experimentally infected with mouse hepatitis virus, MHV-2. Namiki M, et al. **Jpn J Exp Med** 47(1):41–8, Feb 77

The study of platelet microtubule assembly. Ikeda Y. **Keio J Med** 25(4):139–50, Dec 76

The functional capacity of guinea pig megakaryocytes. I. Uptake of 3H-serotonin by megakaryocytes and their physiologic and morphologic response to stimuli for the platelet release reaction. Fedorko ME. **Lab Invest** 36(3):310–20, Mar 77

The functional capacity of guinea pig megakaryocytes. II. The uptake of particles and macromolecules and the effect of rabbit antiguinea pig platelet antiserum. Fedorko ME. **Lab Invest** 36(3):321–8, Mar 77

Paramyxovirus-induced platelet aggregation. Requirement for neuraminic acid receptors on platelets. Larke RP, et al. **Lab Invest** 37(2):150–7, Aug 77

Migraine, thrombocytopenia, and serotonin metabolism [letter] Damasio H. **Lancet** 2(8036):512–3, 3 Sep 77

Increase of platelet prostaglandin cyclic endoperoxides in thrombosis [letter]. Lagarde M, et al. **Lancet** 1(8002):88, 8 Jan 77

Uptake of dopamine and 5-hydroxytryptamine by platelets from patients with Huntington's chorea. McLean DR, et al. **Lancet** 1(8005):249–50, 29 Jan 77

Effects of reserpine and imipramine on vesicular serotonin uptake and storage in intact human platelets. Costa JL, et al. **Life Sci** 21(2):181–8, 15 Jul 77

Effects of propranolol and pindolol on platelet aggregation and serotonin release. Nathan I, et al. **Life Sci** 20(3):407–11, 1 Feb 77

Detection of platelet-bound IgG with 125I-labelled staphylococcal protein A. Kekomäki. **Med Biol** 55(2):112–4, Apr 77

Correlation of platelet aggregation, plasma factor activity, and megathrombocytes in diabetic subjects with an without vascular disease. Colwell JA, et al. **Metabolism** 26(3):279–85, Mar 77

Why clinical pharmacology of serotonin? Sicuteri F, et al. **Monogr Neural Sci** 3:1–7, 1976 (27 ref.)

Abnormalities of cell-membrane fluidity in the pathogenesis of disease. Cooper RA. **N Engl J Med** 297(7):371–7, 18 Aug 77 (25 ref.)

Serotonin in essential myoclonus. Omenn GS, et al. **N Engl J Med** 297(8):454, 25 Aug 77

Prostacyclin increases cyclic AMP levels and adenylate cyclase activity in platelets. Best LC, et al. **Nature** 267(5614):850–2, 30 Jun 77

New polymorphism of platelet membrane glycoproteins. Bolin RB, et al. **Nature** 269(5623):69–70, 1 Sep 77

Rat platelets aggregate in the absence of endogenous precursors of prostaglandin endoperoxides. Bult H, et al. **Nature** 264(5585):449–51, 2 Dec 76

Prostaglandin endoperoxides and thromboxane A2 can induce platelet aggregation in the absence of secretion. Charo IF, et al. **Nature** 269(5623):66–9, 1 Sep 77

Selective inhibition of thromboxane A2 biosynthesis in blood platelets. Gryglewski RJ, et al. **Nature** 267(5612):627–8, 16 Jun 77

Native collagen is not a substrate for the collagen glucosyltransferase of platelets. Menashi S, et al. **Nature** 264(5587):670–2, 16 Dec 76

Binding of endotoxin (LPS) by glycerophosphatides from human platelets and leukocytes. Adye JC, et al. **Naturwissenschaften** 64(3):150–1, Mar 77

Prostaglandin and thromboxane biosynthesis inhibitors. Gryglewski RJ. **Naunyn Schmiedebergs Arch Pharmacol** 297 Suppl 1:S85–8, 31 Mar 77

Prostaglandin endoperoxides and thromboxanes: formation and effects. Moncada S. **Naunyn Schmiedebergs Arch Pharmacol** 297 Suppl 1:S81–4, 31 Mar 77

Concerning the influence of pentoxifylline on the erythrocyte

and platelet membranes. Stefanovich V.
Naunyn Schmiedebergs Arch Pharmacol 297 Suppl 1:S9, 31 Mar 77

Uptake of 14C-5-hydroxytryptamine by human and rat platelets and its pharmacological inhibition. A comparative kinetic analysis. Wielosz M, et al.
Naunyn Schmiedebergs Arch Pharmacol 296(1):59–65, 29 Dec 76

Platelet membrane glycoproteins: a role in the haemostatic process? Jenkins CS, et al. **Neth J Med** 19(6):291–5, 1976

Dietary essential fatty acids, prostaglandin formation and platelet aggregation. **Nutr Rev** 34(8):243–6, Aug 76 (12 ref.)

Release of platelet 5-hydroxytryptamine by plasma taken from patients during and between migraine attacks. Dvilansky A, et al. **Pain** 2(3):315–8, Sep 76

The ultrastructure of the megakaryocytes in idiopathic thrombocytopenic purpura (ITP) in relation to thrombokinetics. Ridell B, et al. **Pathol Eur** 11(3):179–87, 1976

In vitro effect of suloctidil on 14C-5-hydroxytryptamine uptake and liberation in rat platelets. de Gaetano G, et al.
Pharmacol Res Commun 9(4):315–24, Apr 77

A potent inhibitor of thromboxane A2 biosynthesis in aggregating human blood platelets. Gryglewski RJ, et al.
Pharmacol Res Commun 9(2):109–16, Feb 77

The biological fate of reserpine. Stitzel RE.
Pharmacol Rev 28(3):179–208, Sep 76 (152 ref.)

Neurobiological Considerations of the mode of action of lithium carbonate in the treatment of affective disorders? Bunney WE Jr, et al.
Pharmakopsychiatr Neuropsychopharmakol 9(3):142–7, May 76

Intravenous L-5-hydroxytryptophan in normal subjects: an interdisciplinary precursor loading study. Part 1: Implications of reproducible mood elevation. Pühringer W, et al. **Pharmakopsychiatr Neuropsychopharmakol** 9(6):260–8, Nov 76

Intravenous L-5-hydroxytryptophan in normal subjects: an interdisciplinary precursor loading study. Part III: Neuroendocrinological and biochemical changes. Wirz-Justice A, et al.
Pharmakopsychiatr Neuropsychopharmakol 9(6):277–88, Nov 76

Platelet changes in women taking oral contraceptives. Burrow JP, et al. **Postgrad Med** 62(2):52–6, Aug 77

Radioimmunoassay of a human serum growth factor for Balb/c-3T3 cells: derivation from platelets. Antoniades HN, et al. **Proc Natl Acad Sci USA** 74(5):1973–7, May 77

Effects of different routes of administration and injection schedules of thrombopoietin on 35s incorporation into platelets of assay mice. McDonald TP.
Proc Soc Exp Biol Med 155(1):4–7, May 77

Genetic studies and biologic strategies in the affective disorders. Gershon ES, et al. **Prog Med Genet** 2:101–64, 1977

Synthesis of thromboxane A2 by non-aggregating dog platelets challenged with arachidonic acid or with prostaglandin H2. Chignard M, et al. **Prostaglandins** 14(2):222–40, Aug 77

Electron capture gas chromatographic detection of thromboxane B2. Fitzpatrick FA, et al. **Prostaglandins** 13(2):201–8, Feb 77

Cyclic AMP and platelet prostaglandin synthesis. Gerrard JM, et al. **Prostaglandins** 14(1):39–50, Jul 77

Polymorphonuclear leukocytes produce thromboxane A2-like activity during phagocytosis. Higgs GA, et al.
Prostaglandins 12(5):749–57, Nov 76

Biosynthesis of thromboxane B2: assay, isolation, and properties of the enzyme system in human platelets. Ho PP, et al. **Prostaglandins** 12(6):951–70, Dec 76

Effect of aspirin on prostaglandin synthesis by human platelets. Jafari E, et al. **Prostaglandins** 12(5):829–35, Nov 76

Essential fatty acid deficiency and platelet fatty acids of normotenšive and genetically hypertensive rats. Lehmann J, et al. **Prostaglandins** 13(3):583–6, Mar 77

Inhibition of prostaglandin synthesis in mouse 3T3 fibroblasts and human platelets by substituted phenols. Lindgren JA, et al. **Prostaglandins** 13(6):1093–1102, Jun 77

Inhibition of PGE1-stimulated cAMP accumulation in human platelets by thromboxane a2. Miller OV, et al.
Prostaglandins 13(4):599–609, Apr 77

Prostaglandin endoperoxide and thromboxane generating systems and their selective inhibition. Moncada S, et al.
Prostaglandins 12(3):323–35, Sep 76

Biosynthesis of prostaglandin D2. 1. Formation of prostaglandin D2 by human platelets. Oelz O, et al.
Prostaglandins 13(2):225–34, Feb 77

Oxidative biotransformations of arachidonic acid. Pace-Asciak CR. **Prostaglandins** 13(5):811–7, May 77 (39 ref.)

Thromboxane A2 and prostaglandin H2: potent stimulators of the swine coronary artery. Svensson J, et al.
Prostaglandins 12(6):943–50, Dec 76

Effects of prostacyclin (PGX) on cyclic AMP concentrations in human platelets. Tateson JE, et al. **Prostaglandins** 13(3):389–97, Mar 77

Biphasic effects of phospholipase A2 on platelet aggregation. Effect of prostaglandin synthesis inhibitors and essential fatty acid deficiency. Vincent JE, et al. **Prostaglandins** 12(6):971–9, Dec 76

Cyclic AMP response to prostaglandin E1 in mononuclear cells from peripheral blood and synovial fluid of patients with rheumatoid arthritis. Zurier RB, et al.
Prostaglandins 13(1):25–31, Jan 77

Platelet serotonin concentration and monoamine oxidase activity in unmedicated chronic schizophrenic and in schizoaffective patients. Joseph MH, et al. **Psychol Med** 7(1):159–62, Feb 77

Clinical pharmacological studies of tandamine, a potential antidepressive drug. Ehsanullah RS, et al.
Psychopharmacology 52(1):73–7, 23 Mar 77

Neurochemical characterization of a new potent and selective serotonin uptake inhibitor: Lu 10-171. Hyttel J.
Psychopharmacology 51(3):225–33, 16 Mar 77

Investigations of the mechanism of central action of kinins. Moniuszko-Jakoniuk J, et al. **Psychopharmacology** 50(2):181–6, 10 Nov 76

Thrombin-induced platelet prostaglandin and cyclic AMP production and a possible intrinsic modulation of platelet function. Droller MJ. **Scand J Haematol** 17(3):167–78, SEP 76

The Hermansky-Pudlak syndrome. Evidence for a lowered 5-hydroxytryptamine content in platelets of heterozygotes. Gerritsen SM, et al. **Scand J Haematol** 18(3):249–56, Mar 77

ADP-induced refractory state of platelets in vitro. II. Functional and ultra studies on gel filtered platelets. Holme S, et al. **Scand J Haematol** 18(4):267–78, Apr 77

Platelet production capacity at intervals after acute thrombocytopenia. Jackson CW, et al. **Scand J Haematol** 17(4):285–92, Oct 76

Microcalorimetric studies of human platelet metabolism at rest. Influence of pH, temperature, cell concentration, preparation methods and storage. Monti M, et al.
Scand J Haematol 19(1):111–5, Jul 77

5-HT uptake in platelet populations [letter]. Rendu F, et al.
Scand J Haematol 17(4):317–8, Oct 76

Coronary tone modulation: formation and actions of prostaglandins, endoperoxides, and thromboxanes. Needleman P, et al. **Science** 195(4276):409–12, 28 Jan 77

The platelet in von Willebrand's disease: interactions with ristocetin and factor VIII. Walsh RT.
Semin Thromb Hemostas 2(2):105–115, Oct 75 (83 ref.)

Platelets: the last hundred years. Mielke CH Jr.
Ser Haematol 8(3):5–22, 1975

Cerebral arterial smooth muscle contraction by thromboxane A2. Ellis EF. et al. **Stroke** 8(4):480–3, Jul-Aug 77

Endogenous serotonin in the control of gastric acid secretion. Jaffe BM, et al. **Surgery** 82(1):156–63, Jul 77

Competitive inhibition by lithium and hydrogen ions of the effect of calcium on the aggregation of rabbit platelets. Anderson ER, et al. **Thromb Haemostas** 36(2):343–59, 30 Nov 76

Inhibitory effect of acetylsalicylic acid on human platelet function in normal volunteers and in women using a combined oral contraceptive regime. Baele G, et al.
Thromb Haemostas 36(3):623–7, 31 Dec 76

Binding of anti-actin autoantibodies to platelets. Bouvier CA, et al. **Thromb Haemostas** 37(2):321–8, 30 Apr 77

Alterations in human-platelet serotonin uptake following the addition of thrombin or A 23187 [letter]. Costa JL, et al.
Thromb Haemostas 37(1):177–9, 28 Feb 77

Oxygen consumption in platelets of newborn infants before and after stimulation by thrombin. Del Principe D, et al.
Thromb Haemostas 35(3):712–6, 30 Jun 76

Cyanide insensitive oxidase in platelets of newborn infant. Del Principe D, et al. **Thromb Haemostas** 37(2):339–43, 30 Apr 77

Effects of fasting on plasma and platelet-free fatty acids and platelet function in healthy males. Gjesdal K, et al.
Thromb Haemostas 36(2):325–33, 30 Nov 76

Reactions of polylysine with human platelets in plasma and in suspensions of washed platelets. Guccione MA, et al.
Thromb Haemostas 36(2):360–75, 30 Nov 76

Induction of the platelet release reaction by 1.3-dimethyl-5-aminoadamantane, a new adamantane derivative. Haacke U, et al. **Thromb Haemostas** 37(1):62–72, 28 Feb 77

Inhibition of ADP-induced platelet aggregation by adenosine

tetraphosphate. Harrison MJ, et al. **Thromb Haemostas** 36(2):388–91, 30 Nov 76

Metabolic properties of human platelet membranes. II. Thrombin-induced phosphorylation of membrane lipids and demonstration of phosphorylating enzymes in the platelet membrane. Kaulen HD, et al. **Thromb Haemostas** 35(2):364–76, 30 Apr 76

Binding of collagen by canine blood platelets. Kay WW, et al. **Thromb Haemostas** 37(2):309–20, 30 Apr 77

Observation of a high molecular weight platelet protein released by thrombin [letter] Lawler JW, et al. **Thromb Haemostas** 37(2):355–7, 30 Apr 77

Release, aggregation and lysis of human platelets by antilymphocyte globulin and antiplatelet serum. Lekas N, et al. **Thromb Haemostas** 36(2):411–23, 30 Nov 76

Effects of matrix contact during gel filtration of human platelets in plasma. Lindon JN, et al. **Thromb Haemostas** 36(2):311–8, 30 Nov 76

Platelet preservation. III. The influence of dimethylsulfoxide and cooling conditions on serotonin uptake velocity and response to hypotonic stress of human platelets. Odink J, et al. **Thromb Haemostas** 36(1):192–9, 31 Aug 76

Report of the working party on platelets. Stages in the interaction of platelets with collagen. Packham MA. **Thromb Haemostas** 36(1):269–72, 31 Aug 76

Kinetic parameters of platelet aggregation as an expression of platelet responsiveness. Rossi EC, et al. **Thromb Haemostas** 37(2):283–90, 30 Apr 77

The effect of dimethyl sulfoxide on in vitro platelet function. Schiffer CA, et al. **Thromb Haemostas** 36(1):221–9, 31 Aug 76

Effect of thrombin on phosphorylation of platelet membrane proteins. Steiner M. **Thromb Haemostas** 35(3):635–42, 30 Jun 76

Effect of aspirin on platelet phospholipids. Valles J, et al. **Thromb Haemostas** 36(3):628–33, 31 Dec 76

Factors affecting platelet cyclic GMP levels during aggregation induced by collagen and by arachidonic acid. Davies T, et al. **Thromb Res** 9(4):387–405, Oct 76

The effect of a new non-steroidal anti-inflammatory agent, sulindac, on platelet function. Green D, et al. **Thromb Res** 10(2):283–9, Feb 77

Effects of clofibrate on platelets and evidence of the involvement of platelet lipids in platelet function. Huzoor-Akbar, et al. **Thromb Res** 10(1):95–105, Jan 77

Simultaneous aggregation and release from platelets monitored continuously in plasma. Kronick PL, et al. **Thromb Res** 9(6):553–63, Dec 76

Effect of the calcium antagonist TMB-6 on intracellular calcium redistribution associated with platelet shape change. Le Breton GC, et al. **Thromb Res** 10(3):521–3, Mar 77

Release of platelet factor 4 (PF4) measured by a polybrene assay in response to in vitro platelet damage. Levine SP, et al. **Thromb Res** 10(1):1–10, Jan 77

Heparin-induced platelet aggregation in burn patients. Mims JA, et al. **Thromb Res** 10(2):291–9, Feb 77

Potentiation of the thrombin induced platelet release reaction by fibrin. Niewiarowski S, et al. **Thromb Res** 9(2):181–90, Aug 76

Collagen-induced platelet aggregation: evidence of several mechanisms for the induction of platelet release by collagen. Nyman D. **Thromb Res** 10(5):743–51, May 77

The interaction of platelets with a tritium-labelled heparin. Shanberge JN, et al. **Thromb Res** 9(6):595–609, Dec 76

Effect of thrombin and ADP on a membrane bound cyclic AMP dependent kinase of human platelets. Studies on normal platelets and those from patients with Von Willebrand's disease. Smith D, et al. **Thromb Res** 10(2):301–8, Feb 77

Formation of prostagland in D2 during endoperoxide-induced platelet aggregation. Smith JB, et al. **Thromb Res** 9(4):413–8, Oct 76

Human platelet glycoproteins. Further evidence that the 'GP I band' from whole platelets contains three different polypeptides one of which may be involved in the interaction between platelets and Factor VIII. Solum NO, et al. **Thromb Res** 10(1):71–82, Jan 77

Biology of free and combined adenine: distribution and metabolism. Bartlett GR. **Transfusion** 17(4):339–50, Jul–Aug 77

The purification of red cells for transfusion by freeze-preservation and washing. V. Red cell recovery and residual leukocytes after freeze-preservation with high concentrations of glycerol and washing in various systems. Crowley JP, et al. **Transfusion** 17(1):1–7, Jan–Feb 77

Metabolic changes during platelet storage. Rock G, et al. **Transfusion** 16(6):571–9, Nov–Dec 76

Viability and function of platelets frozen at 2 to 3 C per minute with 4 or 5 per cent DMSO and stored at –80 C for 8 months. Spector JI, et al. **Transfusion** 17(1):8–15, Jan–Feb 77

Oxygen consumption, platelet aggregation and release reactions in platelets freeze-preserved with dimethylsulfoxide. Spector JI, et al. **Transfusion** 17(2):99–109, Mar–Apr 77

Exposure to ultrasound decreases the recalcification time of platelet rich plasma. Williams AR, et al. **Ultrasound Med Biol** 2(2):113–8, Feb 76

Dive-induced modifications in platelet kinetics in rats. Giry PB, et al. **Undersea Biomed Res** 4(2):147–57, Jun 77

HLA-antibody-induced 14C-serotonin release from platelets. A methodological analysis. Heinrich D, et al. **Vox Sang** 33(2):65–78, Aug 77

Thrombogenic activity of mouse and human tumors: effects on platelets, coagulation, and fibrinolysis, and possible significance for metastases. Gasic GJ, et al. **Z Krebsforsch** 86(3):263–77, 30 Aug 76

[Thrombogenic and atherogenic effects of dietary fats] Renaud S. **Ann Nutr Aliment** 30(2–3):235–41, 1976 (18 ref.) (Eng. Abstr.) **(Fre)**

[In vivo activation of blood and arterial prophospholipase by an activator of blood platelet origin] Etienne J, et al. **C R Soc Biol (Paris)** 170(6):1159–65, 1976 (Eng. Abstr.) **(Fre)**

[Altered platelet surface glycoproteins in chronic myeloid leukemia (author's transl)] Vainer H, et al. **Int J Cancer** 19(2):143–9, 15 Feb 77 (Eng. Abstr.) **(Fre)**

[Isolation and function of platelets. I. Platelet rich plasma. Comparison between 2 methods: gel filtration and albumin density gradient centrifugation. II. A new method using total blood: metrizamide gradient centrifugation] Lévy-Toledano S, et al. **Nouv Rev Fr Hematol** 16(3):367–80, 1976 (Eng. Abstr.) **(Fre)**

Clinical and biological studies in the Bernard-Soulier syndrome (author's trans)] Tobelem G. **Nouv Rev Fr Hematol** 16(3):407–11, 1976 (Eng. Abstr.) **(Fre)**

[Membrane glycoproteins and platelet protein glycosylation in chronic myeloid leukemia] Vainer H, et al. **Nouv Rev Fr Hematol** 16(3):447–54, 1976 (Eng. Abstr.) **(Fre)**

[Blood platelets and cardiovascular diseases. IV. Platelet-inhibiting drugs and antithrombotic agents] Jobin F. **Union Med Can** 105(8):1159–73, Aug 76 (230 ref.) (Eng. Abstr.) **(Fre)**

[Medical progress. Blood platelets and cardiovascular diseases. I. Platelet biology] Jobin F. **Union Med Can** 105(2):231–5, Feb 76 (34 ref.) **(Fre)**

[Blood platelets and cardiovascular diseases. II. Atherosclerosis and thrombosis] Jobin F. **Union Med Can** 105(2):235–40, Feb 76 (29 ref.) **(Fre)**

[The action of 1-aminoadamantane. Comparative studies with isolated nerve endings and thrombocytes on the release of serotonin and dopamine] Haacke U, et al. **Arzneim Forsch** 27(7):1481–3, Jul 77 (Eng. Abstr.) **(Ger)**

[The pathogenesis of atherosclerosis. Contribution from a cytobiological viewpoint] Baumgartner HR. **Schweiz Med Wochenschr** 107(21):717–22, 28 May 77 **(Ger)**

[Platelet nucleotide metabolism and platelet function (author's transl)] Odake K. **Acta Haematol Jpn** 39(5):664–70, Oct 76 (Eng. Abstr.) **(Jpn)**

[Lipid metabolism of the platelet and platelet function (author's transl)] Okuma M. **Acta Haematol Jpn** 39(5):682–93, Oct 76 (Eng. Abstr.) **(Jpn)**

[Platelet glucose metabolism and its function--energy dependency of fresh- and fixed-platelets in aggregation and clot retraction-- (author's transl)] Taketomi Y, et al. **Acta Haematol Jpn** 39(5):671–81, Oct 76 (Eng. Abstr.) **(Jpn)**

[Morphology and metabolism of the blood platelet. Introduction] Yasunaga K. **Acta Haematol Jpn** 39(5):619–22, Oct 76 **(Jpn)**

[Mechanism of reversal of the blood pressure by ephedrine. (2)] Saito H. **Folia Pharmacol Jpn** 73(1):83–92, Jan 77 (Eng. Abstr.) **(Jpn)**

[Release reaction and adenine nucleotide metabolism of blood platelets] Jinbo C. **Jpn J Clin Hematol** 17(12):1235–60, Dec 76 (107 ref.) **(Jpn)**

[Present status and prospects of platelet inhibitors] Yasunaga K. **Jpn J Clin Hematol** 17(6):590–9, Jun 76 (31 ref.) **(Jpn)**

[Blood platelet disorders. II. Acquired thrombocytopathies and action of drugs on platelet function] Pniejnia-Olszyński W, et al. **Acta Haematol Pol** 8(2):151–6, May–Jun 77 **(Pol)**

[Proteins binding vitamin B-12 in plasma. Effect of physico-chemical and cellular factors on transcobalamins

and their interrelationship] Fenrych W. **Pol Tyg Lek** 32(25):973–5, 20 Jun 77 **(Pol)**

[Function of the spleen in blood coagulation] Lisiewicz J. **Wiad Lek** 29(19):1721–4, 10 Oct 76 (Eng. Abstr.) **(Pol)**

[Mechanism of the effect of aspirin on the functional properties of thrombocytes] Baluda VP, et al. **Biull Eksp Biol Med** 83(4):434–5, Apr 77 (Eng. Abstr.) **(Rus)**

[Age and biosynthesis and breakdown of thrombocyte proteins] Borisova TA, et al. **Biull Eksp Biol Med** 83(1):20–1, Jan 77 (Eng. Abstr.) **(Rus)**

[Role of prostaglandin endoperoxides in thrombocyte aggregation] Levin GIa, et al. **Biull Eksp Biol Med** 84(7):13–6, Jul 77 (Eng. Abstr.) **(Rus)**

[Action of KCN on intact and refractory thrombocytes] Lisovskaia IL, et al. **Biull Eksp Biol Med** 82(8):940–3, Aug 76 (Eng. Abstr.) **(Rus)**

[Effect of D–, M– and T–antagonists of serotonin on its absorption by human thrombocytes] Oksenkryg GF. **Biull Eksp Biol Med** 82(9):1076–7, Sep 76 (Eng. Abstr.) **(Rus)**

[Effect of antidepressants on serotonin absorption by human thrombocytes] Oksenkrug GF. **Farmakol Toksikol** 40(2):146–8, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Changes in the concentration of free and bound serotonin in the blood of patients with meningococcal infection] Smirnova VK, et al. **Sov Med** (5):17–20, 1976 (Eng. Abstr.) **(Rus)**

[Role of disorders of cyclic adenosine–3',5'–monophosphate (cAMP) in the pathogenesis of bronchial asthma] Zhikharev SS. **Ter Arkh** 49(3):131–5, 1977 **(Rus)**

[Interrelationship between the dynamic function of thrombocytes and blood coagulation] Pastorova VE. **Usp Fiziol Nauk** 8(2):132–52, Apr–May 77 **(Rus)**

[Platelet anti–aggregating activity of furosemide (author's transl)] Garcia–Conde J, et al. **Rev Esp Fisiol** 32(4):269–74, Dec 76 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

Preparation and storage of platelet concentrates. II. Storage variables influencing platelet viability and function. Slichter SJ, et al. **Br J Haematol** 34(3):403–19, Nov 76

Electron microscopical evidence of the presence of unstable L forms of Staphylococcus epidermidis in human platelets. pp. 341–4. Tedeschi GG, et al.
In: Roux J, ed. Spheroplasts, protoplasts, and L–forms of bacteria. Paris, INSERM, 1977. QW 51 S753 1976.

Effect of busulfan on oncornavirus–like activity in platelets and chromosomes in polycythemia vera and essential thrombocythemia. Brodsky I, et al. **J Natl Cancer Inst** 59(1):61–7, Jul 77

Virus isolation test for feline leukemia virus. Noronha F de, et al. **J Natl Cancer Inst** 58(1):129–31, Jan 77

PATHOLOGY

Chronic myelocytic leukemia: clonal origin in a stem cell common to the granulocyte, erythrocyte, platelet and monocyte/macrophage. Fialkow PJ, et al. **Am J Med** 63(1):125–30, Jul 77

Hereditary nephritis, deafness and abnormal thrombopoiesis. Study of a new kindred. Parsa KP, et al. **Am J Med** 60(5):665–72, 10 May 76

Focal mesangial proliferative glomerulonephritis in the rat caused by habu snake venom. A morphologic study. Cattell V, et al. **Am J Pathol** 87(3):511–24, Jun 77

Immunologic arterial injury in atherogenesis. Minick CR. **Ann NY Acad Sci** 275:210–27, 1976

Paroxysmal nocturnal hemoglobinuria (PNH) as a clonal disorder. Hartmann RC, et al. **Annu Rev Med** 28:187–94, 1977 (27 ref.)

Malignant lymphoma, lymphoblastic. Nathwani BN, et al. **Cancer** 38(2):964–83, Aug 76

Blood cell damage by mechanical forces. pp. 799–823. Hellums JD, et al.
In: Hwang NH, Normann NA, ed. Cardiovascular flow dynamics and measurements. Baltimore, Univ Park Press, 1977. WG 106 N111c 1975.

Pulmonary microembolism in early experimental septic shock. A morphological study in dogs. Myrvold HE, et al. **J Surg Res** 23(2):65–74, Aug 77

Rebound thrombocytosis after alcohol abuse [letter] Currie WR, et al. **Lancet** 1(8026):1369, 25 Jun 77

Migraine, thrombocytopenia, and serotonin metabolism [letter] Damasio H. **Lancet** 2(8036):512–3, 3 Sep 77

Platelet activation in acute cerebral ischaemia. Serial measurements of platelet function in cerebrovascular disease. Dougherty JH Jr, et al. **Lancet** 1(8016):821–4, 16 Apr 77

Rebound thrombocytosis after alcohol abuse: a possible factor in the pathogenesis of thromboembolic disease. Haselager EM, et al. **Lancet** 1(8015):774–5, 9 Apr 77

Possible involvement of blood platelet/megakaryocyte system in alpha–1–antitrypsin deficiency [letter] Miale TD, et al. **Lancet** 2(8028):93–4, 9 Jul 77

Treatment of hypersplenism by embolus placement in the splenic artery. Papadimitriou J, et al. **Lancet** 2(7998):1268–70, 11 Dec 76

Treatment of fulminant hepatic failure by polyacrylonitrile–membrane haemodialysis. Silk DB, et al. **Lancet** 2(8027):1–3, 2 Jul 77

Platelet changes in women taking oral contraceptives. Burrow JP, et al. **Postgrad Med** 62(2):52–6, Aug 77

Endothelial damage and thrombocyte adhesion in pigeon atherosclerosis. Lewis JC, et al. **Science** 196(4293):1007–9, 27 May 77

[Effect of 4–amidinophenylpyruvic acid on the generalized Sanarelli–Shwartzman phenomenon] Kleking GP, et al. **Farmakol Toksikol** 39(5):609–12, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Disseminated intravascular coagulation in myocardial infarct] Asoskov VA. **Kardiologiia** 16(4):59–64, Apr 76 (Eng. Abstr.) **(Rus)**

[Types of hyperlipoproteinemia and thrombocyte survival in ischemic heart disease] Belousov IuB, et al. **Kardiologiia** 17(5):24–31, May 77 (Eng. Abstr.) **(Rus)**

[Correlation between the indicators of blood coagulation and lipid metabolism in patients with stenocardia during the 24–hour period] Zaslavskaia RM, et al. **Kardiologiia** 17(6):111–5, Jun 77 (Eng. Abstr.) **(Rus)**

[Characteristics of the morphology and function of the thrombocytes in myeloproliferative diseases] Petrov MN, et al. **Probl Gematol Pereliv Krovi** 22(5):18–23, May 77 (Eng. Abstr.) **(Rus)**

[Hereditary thrombocytopathies (literature survey and personal data)] Shabanov NP. **Probl Gematol Pereliv Krovi** 21(7):40–9, Jul 76 (154 ref.) **(Rus)**

[Replacement therapy in acute nomimmune thrombocytopenia] Gorodetskiĭ VM, et al. **Ter Arkh** 48(10):127–30, 1976 (Eng. Abstr.) **(Rus)**

[Thrombocytes in patients with severe course of pneumonia] Skipskiĭ IM. **Ter Arkh** 40(2):39–42, 1976 (Eng. Abstr.) **(Rus)**

[Contribution to the study of platelet ultrastructure in infectious diseases] Romero Bobillo E, et al. **Rev Clin Esp** 142(1):25–34, 15 Jul 76 (Eng. Abstr.) **(Spa)**

[Kinetic studies of platelets labeled with 51Cr (author's transl)] Mezzano D, et al. **Rev Med Chil** 104(12):887–92, Dec 76 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Are agents affecting platelet function clinically useful in patients with coronary artery disease? Verstraete M. **Acta Clin Belg** 31(4):229–32, 1976

Reaction patterns of blood platelets in exercise. Characteristics, origin and possible coronary implications. Sarajas HS. **Adv Cardiol** 18(0):176–95, 1976 (101 ref.)

Complement independent lipopolysaccharide (LPS) induced hypotension and disseminated intravascular coagulation: a correlation of LPS structure with in vivo and in vitro biological activities. Ulevitch RJ, et al. **Adv Exp Med Biol** 73 PT–A:339–49, 1976 (35 ref.)

Immune complexes in infectious diseases. Reed WP, et al. **Adv Intern Med** 22:49–72, 1977 (101 ref.)

Platelet and coagulation function in relation to thromboembolic stroke. Barnett HJ. **Adv Neurol** 16:45–70, 1977 (57 ref.)

Prostaglandins and platelet function. Salzman EW. **Adv Prostaglandin Thromboxane Res** 2:767–80, 1976 (66 ref.)

A major contributory cause of arthritis in adjuvant–inoculated rats: granulocytes. Glenn EM, et al. **Agents Actions** 7(2):265–82, Jul 77

Platelets, prostaglandins and inflammation. Smith MJH, et al. **Agents Actions** 6(6):701–4, Nov 76

Platelet functions in patients with aortic ball valves. Dale J, et al. **Am Heart J** 94(3):359–66, Sep 77

Human model for the study of abnormal platelet function in atherosclerotic heart disease [letter]. Ambrose JA, et al. **Am J Cardiol** 38(5):667–8, 4 NOV 76

Role of hypertension in atherosclerosis and cardiovascular disease. Hollander W. **Am J Cardiol** 38(6):786–800, 23 Nov 76 (141 ref.)

Borate and glycerol inhibition of the aggregation of guinea pig platelets by bovine factor VIII and ristocetin. Kuwahara SS. **Am J Hematol** 2(2):159–72, 1977

Inhibition of bovine factor VIII–induced guinea pig platelet aggregation by simple sugars and derivatives. Kuwahara SS,

et al. **Am J Hematol** 2(2):173–81, 1977

Spontaneous hyphema associated with ingestion of aspirin and ethanol. Kageler WV, et al. **Am J Ophthalmol** 82(4):631–4, Oct 76

Inhibition of fibrin–platelet interactions by fibrinogen–degradation fragment D. Orloff KG, et al. **Am J Physiol** 233(2):H305–11, Aug 77

The role of the platelet in coagulation and clinical thrombotic events. Porter JM, et al. **Am J Surg** 134(2):231–5, Aug 77

Platelet function. Barrer MJ, et al. **Anesthesiology** 46(3):202–11, Mar 77

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

NIH conference. Factor VIII. **Ann Intern Med** 86(5):598–616, May 77

Role of the platelet in atherogenesis. Harker LA, et al. **Ann NY Acad Sci** 275:321–9, 1976 (33 ref.)

Modification of venous stasis thrombosis in the rat by platelet-active drugs and by heparin. De Clerck F, et al. **Arch Int Pharmacodyn Ther** 222(2):233–42, Aug 76

The endothelium: roles in thrombosis and hemostasis Mason RG, et al. **Arch Pathol Lab Med** 101(2):61–4, Feb 77 (96 ref.)

The use of fluorescent probe to monitor alterations in trans-membrane potential in single cell suspensions. Bramhall JS, et al. **Biochem Biophys Res Commun** 72(2):654–62, 20 SEP 76

Membrane microviscosity and human platelet function. Shattil SJ, et al. **Biochemistry** 15(22):4832–7, 2 Nov 76

Adenine nucleotide metabolism of blood platelets. X. Formaldehyde stops centrifugation-induced secretion after A23187-stimulation and causes breakdown of metabolic ATP. Holmsen H, et al. **Biochim Biophys Acta** 497(1):46–61, 29 Mar 77

Considerations of species-related hematological differences on the evaluation of biomaterials. Bruck SD. **Biomater Med Devices Artif Organs** 5(1):97–113, 1977

The applications and techniques of cell electrophoresis and the Zeiss rectangular chamber cytopherometer. Young RA. **Biomed Eng** 11(11):373–7, Nov 76

Presence of a nonsplenic platelet pool. Freedman M, et al. **Blood** 50(3):419–25, Sep 77

Significance of the intact polypeptide chains of human fibrinogen in ADP-induced platelet aggregation. Niewiarowski S, et al. **Blood** 49(4):635–44, Apr 77

Effect of propranolol on platelet function. Weksler BB, et al. **Blood** 49(2):185–96, Feb 77

The utilization of a new strength citrate anticoagulant during centrifugal plateletpheresis. II. Assessment of in vitro platelet function. Mishler JM, et al. **Blut** 34(3):237–41, Mar 77

In vivo study of platelet kinetics by 75Se-methionine in different haematological disorders. Müller U, et al. **Blut** 34(1):31–8, Jan 77

Platelet function, blood coagulation and fibrinolysis in Behcet's syndrome. Stathakis NE, et al. **Blut** 34(3):215–22, Mar 77

Metabolism and function of human platelets washed by albumin density gradient separation. Walsh PN, et al. **Br J Haematol** 36(2):287–96, Jun 77

The aetiology of acute pulmonary embolism and the identification of high risk groups. Morris GK, et al. **Br J Hosp Med** 18(1):6–12, Jul 77

Haemostatic mechanisms in maternal, umbilical vein and umbilical artery blood at the time of delivery. Foley ME, et al. **Br J Obstet Gynaecol** 84(2):81–7, Feb 77

Stress, coronary disease, and platelet behaviour [editorial]. **Br Med J** 1(6058):408, 12 Feb 77

The thrombocyte membrane in circulatory diseases. Born GV. **Bull Schweiz Akad Med Wiss** 32(4–6):175–80, Dec 76

Unexpected excessive bleeding during operation: role of acetyl salycilic acid. Davies DW, et al. **Can Anaesth Soc J** 24(4):452–8, Jul 77

Studies on vitamin E and selenium deficiency in young pigs. IV. Effect on coagulation system. Fontaine M, et al. **Can J Comp Med** 41(1):64–76, Jan 77

Inhibition of hypoxic pulmonary vasoconstriction by dipyridamole is not platelet mediated. Mlczoch J, et al. **Can J Physiol Pharmacol** 55(3):448–51, Jun 77

Platelets and the vascular responses to arachidonic acid in dogs. Johnson M, et al. **Cardiovasc Res** 11(3):238–41, May 77

Red blood cells play a crucial role in maintaining vascular reactivity to hypoxia in isolated rat lungs. McMurtry IF, et al. **Chest** 71(2 suppl):253–6, Feb 77

Calorimetry, a time-honored technique with a potential in analytical work and cellular biology. Levin K. **Clin Chem** 23(6):929–37, Jun 77

The effect of 2,3-diphosphoglycerate on oxygen consumption burst in thrombin-stimulated platelets. Principe DD, et al. **Clin Chim Acta** 75(2):325–9, 1 Mar 77

Coagulation, oestrogen and the menopause. Notelovitz M. **Clin Obstet Gynaecol** 4(1):107–28, Apr 77

Comparative hematology--studies on Camelidae. Lewis JH. **Comp Biochem Physiol [A]** 55(4A):367–71, 1976

Platelet–collagen interactions. Legrand Y, et al. **Compr Ther** 3(6):59–66, Jun 77 (14 ref.)

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

Altered platelet function in diabetes mellitus. Colwell JA, et al. **Diabetes** 25(2 SUPPL):826–31, 1976

Metabolic approaches to studies on diabetic microangiopathy. Waitzman MB, et al. **Diabetes** 26(5):510–7, May 77 (79 ref.)

On the interrelationship of prostaglandin endoperoxide G2 and cyclic nucleotides in platelet function. Claesson HE, et al. **Eur J Biochem** 76(1):277–84, 1 Jun 77

Acute hypotension due to carrageenan, arachidonic acid and slow reacting substance C in the rabbit: role of platelets and nature of pharmacological antagonism. Vargaftig BB, et al. **Eur J Pharmacol** 43(2):125–41, 15 May 77

Lack of platelet factor-3 activation after incubation of platelet-rich plasma with kaolin in the rat. Clerck FD, et al. **Experientia** 32(12):1602–3, 15 Dec 76

Heparin and platelet function. Zucker MB. **Fed Proc** 36(1):47–9, Jan 77 (40 ref.)

The role of factor XI in the coagulant activity of platelets. Connellan JM, et al. **Haemostasis** 6(1):41–52, 1977

Heparin, heparin-activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26–34, 1977 (60 ref.)

What has been done with regard of blood compatibility? pp. 299–301. Lagergren H.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Platelets, foreign surfaces, and heparin. pp. 183–95. Lindsay RM.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Microrheology of erythrocytes and platelets: physiological basis and consequences for the design and the operation of extracorporeal circulatory devices. pp. 163–76. Schmid-Schönbein H, et al.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Hematologic abnormalities in extracorporeal circuits (ECC). PP. 197–201. Wildevuur-van Hamersveld C, et al.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Normal platelet numbers. Pulmonary-platelet interactions. pp. 89–97. Crosby WH.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)

Inhibitors of platelet function in the prevention of arterial thrombosis. pp. 105–24. Harker LA.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (81 ref.)

Use of newer platelet function tests to define abnormalities of hemostasis and thrombosis. pp. 81–8. Hoak JC, et al.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Platelets: the last hundred years. pp. 5–22. Mielke CH Jr.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Some basic mechanisms in platelet physiology. pp. 38–49. Salzman EW.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (62 ref.)

The blood platelet a potential smooth muscle cell. pp. 105–15. Behnke O.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.

The role of platelets and smooth muscle in atherosclerosis. pp. 31–8. Ross R.
In: Rorive G, Van Cauwenberge H, ed. The arterial hypertensive disease. New York, Masson, 1976. WG 340 A784 1975.

Design factors affecting thrombosis during extracorporeal membrane oxygenation. pp. 141–56. Richardson PD.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (27 ref.)

Blood platelets: their behavior with respect to extracorporeal membrane oxygenation. pp. 105–21. Salzman EW.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (68 ref.)

An experimental model for the study of kinetics of circulating platelets. Bhattacharya DK. **Indian J Exp Biol** 14(2):150–4, Mar 76

Role of platelets in the pathogenesis of canine endotoxin shock. From AH, et al. **Infect Immun** 13(6):1591–4, Jun 76

Human coagulation abnormalities during acute exposure to hypobaric hypoxia. Maher JT, et al. **J Appl Physiol** 41(5 Pt. 1):702–7, Nov 76

Hydrogen peroxide lowers ATP levels in platelets without altering adenyalte energy charge and platelet function. Holmsen H, et al. **J Biol Chem** 252(5):1752–7, 10 Mar 77

Platelet myosin. Localization of the rod myosin fragment and effect of its antibodies on platelet function. Puszkin EG, et al. **J Biol Chem** 252(12):4371–8, 25 Jun 77

Interactions of synthetic and natural surfaces with blood in the physiological environment. Bruck SD.
J Biomed Mater Res 11(1):1–21, Jan 77

Stimulation of growth and calcium influx in cultured, bovine, aortic endothelial cells by platelets and vasoactive substances. D'Amore P, et al. **J Cell Physiol** 92(2):177–83, Aug 77

Enhancement of platelet function by superoxide anion. Handin RI, et al. **J Clin Invest** 59(5):959–65, May 77

Activation of rabbit platelets by platelet-activating factor derived from IgE-sensitized basophils. Characteristics of the aggregation and its dissociation from secretion. Henson PM.
J Clin Invest 60(2):481–90, Aug 77

Hereditary C5 deficiency in man. III. Studies of hemostasis and platelet responses to zymosan. Breckenridge RT, et al.
J Immunol 118(1):12–6, Jan 77

Effects of C-reactive protein on platelet function. III. The role of cAMP, contractile elements, and prostaglandin metabolism in CRP-induced inhibition of platelet aggregation and secretion. Fiedel BA, et al. **J Immunol** 119(3):877–82, Sep 77

Platelet-aggregating factor and the aggregation of fixed washed platelets. Cooper HA, et al. **J Lab Clin Med** 90(3):512–21, Sep 77

Factors which influence blood platelet migration. Lowenhaupt RW, et al. **J Lab Clin Med** 90(1):37–45, Jul 77

Adenine nucleotides in thrombin-degranulated platelets: effect of prolonged circulation in vivo. Reimers HJ, et al.
J Lab Clin Med 90(3):490–501, Sep 77

The effects of hemorrhage, hypoxia, and a preparation of erythropoietin on thrombopoiesis. Shreiner DP, et al.
J Lab Clin Med 88(6):930–40, Dec 76

The behaviour of platelets and leucocytes in conditions of hypokinetic and anaemic hypoxia, contrasted with the absence of such behaviour in arterial hypoxia [proceedings]. Malone PC, et al. **J Physiol (Lond)** 260(2):33P–34P, Sep 76

Effect of induced thrombocytopenia on experimental circulatory shock. Lefer AM, et al. **J Surg Res** 21(6):429–36, Dec 76

Viability of cryopreserved red blood cells studied over 96 hr post-thaw. Wintch R, et al. **J Surg Res** 23(2):88–95, Aug 77

The contribution of anticoagulants to platelet dysfunction with extracorporeal circulation. Wallace HW, et al.
J Thorac Cardiovasc Surg 72(5):735–41, Nov 76

Evaluation of indium-111 as a new high photon yield gamma-emitting 'physiological' platelet label. Scheffel U, et al. **Johns Hopkins Med J** 140(6):285–93, Jun 77

The functional capacity of guinea pig megakaryocytes. I. Uptake of 3H-serotonin by megakaryocytes and their physiologic and morphologic response to stimuli for the platelet release reaction. Fedorko ME. **Lab Invest** 36(3):310–20, Mar 77

Hyperacute rejection of cardiac allografts in a rat strain with a hereditary platelet function defect. Forbes RD, et al.
Lab Invest 37(2):158–61, Aug 77

Platelet activation in acute cerebral ischaemia. Serial measurements of platelet function in cerebrovascular disease. Dougherty JH Jr, et al. **Lancet** 1(8016):821–4, 16 Apr 77

Possible involvement of blood platelet/megakaryocyte system in alpha-1-antitrypsin deficiency [letter] Miale TD, et al. **Lancet** 2(8028):93–4, 9 Jul 77

Effect of a diet of polyunsaturated fats on some platelet-function tests. O'Brien JR, et al. **Lancet** 2(7993):995–6, 6 Nov 76

Importance of transport mechanisms in circulating blood for platelet deposition on arterial subendothelium. Dosne AM, et al. **Microvasc Res** 14(1):45–52, Jul 77

A quantitative morphological study of early platelet aggregation in rabbit lungs. Forrest JB. **Microvasc Res** 14(1):111–29, Jul 77

Platelet activity in pathogenesis of atherosclerosis [letter] Burns ER, et al. **N Engl J Med** 295(21):1199–200, 18 Nov 76

Platelets in homocystinuria [letter]. Harker LA, et al.
N Engl J Med 296(14):818, 7 Apr 77

Platelets and glomerulonephritis. Cameron JS. **Nephron** 18(5):253–8, 1977 (33 ref.)

Platelet formation [letter]. Vergroesen AJ. **Nutr Rev** 35(1):25–7, Jan 77

The structure and function of platelets, with emphasis on their contractile nature. Gerrard JM, et al. **Pathobiol Annu** 6:31–59, 1976 (73 ref.)

Mechanisms of thrombotic disease. Paton RC, et al.
Pathobiol Annu 6:59–93, 1976 (332 ref.)

The hemolytic uremic syndrome. Kaplan BS, et al.
Pediatr Clin North Am 23(4):761–77, Nov 76 (87 ref.)

Use of homologous platelet survival in differential diagnoses of chronic thrombocytopenia in childhood. Buchanan GR, et al. **Pediatrics** 59(1):45–54, Jan 77

The complete haemogram and phagocytic activity in Rhesus monkeys (Macaca mulatta). Viktora L, et al.
Physiol Bohemoslov 26(3):239–42, 1977

Relationships between calcium and cyclic nucleotides in cell activation. Rasmussen H, et al. **Physiol Rev** 57(3):421–509, Jul 77 (465 ref.)

Platelet changes in women taking oral contraceptives. Burrow JP, et al. **Postgrad Med** 62(2):52–6, Aug 77

Change in electrophoretic mobility associated with the shape change of human blood platelets. Boisseau MR, et al.
Proc R Soc Lond [Biol] 196(1125):471–4, Apr 77

Platelet function studies in dogs with cyclic hematopoiesis. Reese ME Jr, et al. **Proc Soc Exp Biol Med** 153(2):324–9, Nov 76

Lung responses and platelet release reaction following induced intravascular platelet aggregation in the cat. Vaage J, et al. **Scand J Clin Lab Invest** 36(7):641–8, Nov 76

Thrombin-induced platelet prostaglandin and cyclic AMP production and a possible intrinsic modulation of platelet function. Droller MJ. **Scand J Haematol** 17(3):167–78, SEP 76

Platelet function and plasma free fatty acids during acute myocardial infarction and severe angina pectoris. Gjesdal K. **Scand J Haematol** 17(3):205–12, SEP 76

Platelet production capacity at intervals after acute thrombocytopenia. Jackson CW, et al. **Scand J Haematol** 17(4):285–92, Oct 76

Assays for thrombopoietin. McDonald TP.
Scand J Haematol 18(1):5–12, Jan 77 (52 ref.)

Constant post-irradiation repopulation rates and linear relationship between cellular blood response and number of transplanted bone marrow cells in inbred mice. Petersen BH. **Scand J Haematol** 18(3):235–43, Mar 77

Thrombocyte stimulation of hyaluronic acid production and proliferation rate of human synovial fibroblasts. Yaron M, et al. **Scand J Rheumatol** 5(4):249–50, 1976

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

The problem of thromboembolic disease. Sherry S.
Semin Nucl Med 7(3):205–11, Jul 77

Platelets and thromboembolism. Aledort LM.
Semin Thromb Hemostas 2(3):136–45, Jan 76 (32 ref.)

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C.
Semin Thromb Hemostas 3(3):125–59, Jan 77 (165 ref.)

Normal platelet numbers. Pulmonary-platelet interactions. Crosby WH. **Ser Haematol** 8(3):89–97, 1975

Role of platelets in hemostasis and thrombosis. Day HJ.
Ser Haematol 8(3):23–37, 1975

Use of newer platelet function tests ot define abnormalities of hemostasis and thrombosis. Hoak JC, et al.
Ser Haematol 8(3):81–8, 1975

Platelets: the last hundred years. Mielke CH Jr.
Ser Haematol 8(3):5–22, 1975

Platelet kinetics--1975. Ries CA. **Ser Haematol** 8(3):98–104, 1975

The platelet and coronary artery disease. Sahud MA.
Ser Haematol 8(3):125–140, 1975 (88 ref.)

Some basic mechanisms in platelet physiology. Salzman EW. **Ser Haematol** 8(3):38–49, 1975 (62 ref.)

Cellular aggregation and destruction during blood circulation and oxygenation. Wright G, et al. **Thorax** 31(4):405–9, Aug 76

Increased protein synthesis by human platelets during phagocytosis of latex particles in vitro. Bessler H, et al. **Thromb Haemostas** 35(2):350–7, 30 Apr 76

Newborn platelet dysfunction: a storage pool and release defect. Corby DG, et al. **Thromb Haemostas** 36(1):200–7, 31 Aug 76

Effects of fasting on plasma and platelet-free fatty acids and platelet function in healthy males. Gjesdal K, et al. **Thromb Haemostas** 36(2):325–33, 30 Nov 76

Sedimentation and adhesion of platelets onto a horizontal glass surface. Ruckenstein E, et al. **Thromb Haemostas** 36(2):334–42, 30 Nov 76

The role of red cells in haemostatic plug formation in the isolated rabbit mesentery. Bergqvist D, et al. **Thromb Res** 11(1):95–100, Jul 77

Evidence that platelet density and volume are not related to aging. Boneu B, et al. **Thromb Res** 10(3):475–86, Mar 77

In vivo platelet function in diabetes mellitus. Fleischman AI, et al. **Thromb Res** 9(5):467–71, Nov 76

The effect of a new non-steroidal anti-inflammatory agent, sulindac, on platelet function. Green D, et al. **Thromb Res** 10(2):283–9, Feb 77

Effect of diet-induced hyperlipidemia on in vitro-function of rabbit platelets. Joist JH, et al. **Thromb Res** 9(5):435–45, Nov 76

The effects of pCO2 and pH on platelet shape change and aggregation for human and rabbit platelet-rich plasma. Tang SS, et al. **Thromb Res** 10(1):135–45, Jan 77

Indium-LLL labeled platelets: studies on preparation and evaluation of in vitro and in vivo functions. Thakur ML, et al. **Thromb Res** 9(4):345–57, Oct 76

Platelet-thrombin interactions as assessed by affinity chromatography. Workman EF Jr, et al. **Thromb Res** 9(5):491–503, Nov 76

Importance of the endothelium and blood platelets in the pathogenesis of atherosclerosis. Constantinides P. **Triangle** 15(2–3):53–61, 1976 (38 ref.)

Atherosclerosis: the role of endothelial injury, smooth muscle proliferation and platelet factors. Ross R. **Triangle** 15(2–3):45–51, 1976 (21 ref.)

Role of platelets in hemostasis and thrombosis. Rodvien R, et al. **West J Med** 125(3):181–6, Sep 76

[Blood platelets and blood coagulation] Kubisz P. **Bratisl Lek Listy** 66(1):103–9, 1 Jul 76 **(Cze)**

[Direct action of extracorporeal circulation on platelets and coagulation factors] Baille Y, et al. **Ann Anesthesiol Fr** 18(1):43–50, 1977 (Eng. Abstr.) **(Fre)**

[Coagulation deficits and hemorrhagic consequences after cardiac surgery under ECC] Belleville J, et al. **Ann Anesthesiol Fr** 18(1):51–61, 1977 (Eng. Abstr.) **(Fre)**

[Influence of acute exertion and physical training on platelet function of the coronary patient] Broustet JP, et al. **Arch Mal Coeur** 69(3):305–13, Mar 76 (Eng. Abstr.) **(Fre)**

[Isolation and function of platelets. I. Platelet rich plasma. Comparison between 2 methods: gel filtration and albumin density gradient centrifugation. II. A new method using total blood: metrizamide gradient centrifugation] Lévy-Toledano S, et al. **Nouv Rev Fr Hematol** 16(3):367–80, 1976 (Eng. Abstr.) **(Fre)**

[Vascular subendothehlium: structure and functions (author's transl)] Merville C, et al. **Pathol Biol (Paris)** 24 Suppl:18–22, Dec 76 (36 ref.) (Eng. Abstr.) **(Fre)**

[The thrombocytopenias] Bergier. **Praxis** 65(27):833–6, 6 Jul 76 **(Fre)**

[Mechanisms of venous thrombosis. Therapeutic deductions on prophyloxis] Samama M, et al. **Rev Prat** 27(21):1283–8, 11 Apr 77 (17 ref.) (Eng. Abstr.) **(Fre)**

[Platelet function: adhesion, release and aggregation] Wulfert E. **Therapie** 31(6):793–804, Nov-Dec 76 (33 ref.) (Eng. Abstr.) **(Fre)**

[Blood platelets and cardiovascular diseases. IV. Platelet-inhibiting drugs and antithrombotic agents] Jobin F. **Union Med Can** 105(8):1159–73, Aug 76 (230 ref.) (Eng. Abstr.) **(Fre)**

[Conditioning of thrombocyte count changes and other components of human capillary blood] Freund JL, et al. **Blut** 34(2):139–46, Feb 77 (Eng. Abstr.) **(Ger)**

[The thrombocyte membrane] Lüscher EF, et al. **Bull Schweiz Akad Med Wiss** 32(4–6):161–73, Dec 76 (Eng. Abstr.) **(Ger)**

[The synergistic effect of humoral factors, extracellular matrix and cells in wound healing] HORMANN H, et al. **Fortschr Med** 95(19):1299–304. 19 May 77 (Eng. Abstr.) **(Ger)**

[Influence of physical load on blood-platelet morphology] Scheele K. **Fortschr Med** 95(8):513–4, 24 Feb 77 **(Ger)**

[Clinical picture, pathophysiology and therapy of idiopathic thrombocytopenic purpura (author's transl)] Mueller-Eckhardt C. **Immun Infekt** 4(6):267–75, Dec 76 (Eng. Abstr.) **(Ger)**

[Technical problems in platelet-concentrate preparation and their clinical significance] Stampe D. **Infusionsther Klin Ernaehr** 4(3):152–6, Jun 77 (Eng. Abstr.) **(Ger)**

[Thrombocytes in patients threatened with acute hemorrhage during hemodialysis with minimal heparinization] Fritsche HM, et al. **Med Welt** 28(19):906–11, 13 May 77 **(Ger)**

[Physical and functional behavior of thrombocytes in primary and secondary hyperlipoproteinemias] Sliberbauer KF, et al. **Vasa** 6(2):148–53, 1977 (Eng. Abstr.) **(Ger)**

[Reactions at human platelet membrane after adhesion and aggregation] Dierichs R, et al. **Verh Anat Ges** (70 Pt 2):955–60, 1976 (Eng. Abstr.) **(Ger)**

[Primary change in the form of blood platelets and thrombocyte aggregation after blood withdrawal] Bamberg E, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1623–5, 1976 **(Ger)**

[Importance of thrombocytes and leukocytes in the release of intravascular coagulation by endotoxin] Müller-Berghaus G, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1635–8, 1976 **(Ger)**

[A new standardized method for determination of the bleeding time] Rubegni M, et al. **Quad Sclavo Diagn** 12(1):79–83, Mar 76 (Eng. Abstr.) **(Ita)**

[Morphological and functional aspects of blood platelets preserved in DMSO at -180 degrees C] Patrone F, et al. **Riv Emoter Immunoematol** 23(1–2):45–50, 1976 (Eng. Abstr.) **(Ita)**

[Platelet nucleotide metabolism and platelet function (author's transl)] Odake K. **Acta Haematol Jpn** 39(5):664–70, Oct 76 (Eng. Abstr.) **(Jpn)**

[Correlation of complement system with coagulation, fibrinolysis, and kinin generation] Kondo M. **Jpn J Clin Hematol** 17(1):1–14, Jan 76 (115 ref.) **(Jpn)**

[Coagulation and fibrinolytic system in vivo and clinical medicine] Matsuoka S. **Jpn J Clin Hematol** 17(6):573–9, Jun 76 **(Jpn)**

[The role of platelets and erythrocytes in disturbance of cerebral microcirculation (author's transl)] Kim S, et al. **Neurol Med Chir (Tokyo)** 17(2 pt. 2):135–44, Mar 77 (Eng. Abstr.) **(Jpn)**

[Comparative effect of chlorpromazine, imipramine and papaverine on the blood platelet function] Bartel' V, et al. **Farmakol Toksikol** 39(3):296–301, May-Jun 76 (Eng. Abstr.) **(Rus)**

[Types of hyperlipoproteinemia and thrombocyte survival in ischemic heart disease] Belousov IuB, et al. **Kardiologiia** 17(5):24–31, May 77 (Eng. Abstr.) **(Rus)**

[Thrombocyte activity in acute diseases of the abdominal organs] Voloboev NA. **Khirurgiia (Mosk)** (3):74–8, Mar 76 (Eng. Abstr.) **(Rus)**

[Role of the thrombocytes in changes in the hemostatic system in diabetes mellitus] Petrov MN, et al. **Klin Med (Mosk)** 54(7):119–22, Jul 76 (Eng. Abstr.) **(Rus)**

[State of the blood coagulation and fibrinolysis systems in nephrotic syndrome] Tareev EM, et al. **Klin Med (Mosk)** 54(8):25–33, Aug 76 (Eng. Abstr.) **(Rus)**

[Study of the coagulation activity of thrombocytes and erythrocytes of healthy persons with the aid of modified autocoagulogram] Iurlov VM, et al. **Lab Delo** (4):2–1–4, 1976 **(Rus)**

[Study of the electrophoretic mobility of the thrombocytes in acute leukemia] Kozinets GI, et al. **Lab Delo** (2):74–6, 1977 (Eng. Abstr.) **(Rus)**

[Late results of splenectomy in Werlhof's disease] Demidiuk PF, et al. **Probl Gematol Pereliv Krovi** 22(3):19–23, Mar 77 (Eng. Abstr.) **(Rus)**

[Role of the functional incompetence of the thrombocytes in the etiology of Werlhof's disease] Iurlov VM. **Probl Gematol Pereliv Krovi** 22(3):23–6, Mar 77 (Eng. Abstr.) **(Rus)**

[Characteristics of the morphology and function of the thrombocytes in myeloproliferative diseases] Petrov MN, et al. **Probl Gematol Pereliv Krovi** 22(5):18–23, May 77 (Eng. Abstr.) **(Rus)**

[Hereditary thrombocytopathies (literature survey and personal data)] Shabanov NP. **Probl Gematol Pereliv Krovi** 21(7):40–9, Jul 76 (154 ref.) **(Rus)**

[Disorder of primary hemostasis in chronic lympholeukemia] Shitikova AS, et al. **Probl Gematol Pereliv Krovi** 22(7):9–14, Jul 77 (Eng. Abstr.) **(Rus)**

[Certain indicators of functional characteristics of

thrombocytes in hemorrhagic fever with nephrotic syndrome] Abdurashitov RF. **Sov Med** (5):131–3, 1976 **(Rus)**

[Functional activity of the thrombocytes under conditions of hypersplenism and portal hypertension in liver cirrhosis] Makarevich IaA, et al. **Ter Arkh** 48(3):15–9, 1976 (Eng. Abstr.) **(Rus)**

[Interrelationship between the dynamic function of thrombocytes and blood coagulation] Pastorova VE. **Usp Fiziol Nauk** 8(2):132–52, Apr–May 77 **(Rus)**

PHYSIOPATHOLOGY

Hematologic aspects of systemic lupus erythematosus. Current concepts. Budman DR, et al. **Ann Intern Med** 86(2):220–9, Feb 77

Platelet kinetics in autoimmune thrombocytopenia: relation between splenic platelet sequestration and response to splenectomy [letter]. Ries CA. **Ann Intern Med** 86(2):194–5, Feb 77

Early signs of polyunsaturated fatty acid deficiency. Vergroesen AJ. **Bibl Nutr Dieta** (23):19–26, 1976 (20 ref.)

Vitamin E deficiency and enhanced platelet function: reversal following E supplementation. Lake AM, et al. **J Pediatr** 90(5):722–5, May 77

Effect of platelet antiserum on the activation of intravascular coagulation by endotoxin. Kramer W, et al. **Thromb Res** 10(1):47–70, Jan 77

[The pathogenesis of atherosclerosis. Contribution from a cytobiological viewpoint] Baumgartner HR. **Schweiz Med Wochenschr** 107(21):717–22, 28 May 77 **(Ger)**

RADIATION EFFECTS

Platelet and coagulation function in relation to thromboembolic stroke. Barnett HJ. **Adv Neurol** 16:45–70, 1977 (57 ref.)

Platelet injury during phototherapy. Maurer HM, et al. **Am J Hematol** 1(1):89–96, 1976

Functional aspects of blood platelets in irradiated burros. Schneider MD. **Am J Vet Res** 38(2):209–16, Feb 77

Blood and bone marrow response following total body irradiation in patients with lymphosarcomas. Qasim MM. **Eur J Cancer** 13(4–5):483–7, Apr–May 77

Hematologic changes and thrombopoietin production in mice after X-irradiation and platelet-specific antisera. McDonald TP, et al. **Exp Hematol** 5(4):291–8, 1977

Changes in platelet and microcirculation function induced by ionizing radiation to the liver. Bicher HI, et al. **Int J Radiat Oncol Biol Phys** 1(7–8):679–85, Jul–Aug 76

Constant post-irradiation repopulation rates and linear relationship between cellular blood response and number of transplanted bone marrow cells in inbred mice. Petersen BH. **Scand J Haematol** 18(3):235–43, Mar 77

[Megacaryocytopoesis and the number of trombocytes after the transplantation of cells of bone marrow in lethally irradiated mice (author's transl)] Viktora L, et al. **Cesk Radiol** 31(2):82–6, Mar 77 (Eng. Abstr.) **(Cze)**

[Extracorporeal irradiation of blood using 137Cs in the treatment of chronic lymphadenosis. Experience with 14 patients] Heilmann E, et al. **Med Welt** 28(3):120–1, 21 Jan 77 **(Ger)**

[Reactivity of the bone marrow megakaryocytes of white rats exposed to an ultra-high frequency electromagnetic field of low intensity] Obukhan EI. **Tsitol Genet** 11(1):27–9, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

SECRETION

Response to injury and atherogenesis. Ross R, et al. **Am J Pathol** 86(3):675–84, Mar 77

Inhibition of fibrin–platelet interactions by fibrinogen-degradation fragment D. Orloff KG, et al. **Am J Physiol** 233(2):H305–11, Aug 77

Inhibition of platelet secretion by an antagonist of intracellular calcium. Charo IF, et al. **Biochem Biophys Res Commun** 72(4):1462–7, 18 Oct 76

Metabolic aspects of the secretion of stored compounds from blood platelets. V. Effect of ionophore A23187 on washed platelets. Mürer EH, et al. **Biochim Biophys Acta** 451(1):1–19, 18 Nov 76

Platelet activation in haemostasis: role of thrombin and other clotting factors in platelet–collagen interaction. Huzoor-Akbar, et al. **Haemostasis** 6(1):59–71, 1977

Effects of C-reactive protein on platelet function. III. The role of cAMP, contractile elements, and prostaglandin metabolism in CRP-induced inhibition of platelet aggregation and secretion. Fiedel BA, et al. **J Immunol** 119(3):877–82, Sep 77

The lumi-aggregometer: a new instrument for simultaneous measurement of secretion and aggregation by platelets. Feinman RD, et al. **J Lab Clin Med** 90(1):125–9, Jul 77

Quantitative evaluation of the loss of human platelet dense bodies following stimulation by thrombin or A23187. Costa JL, et al. **J Physiol (Lond)** 264(1):297–306, Jan 77

The effect of a new non-steroidal anti-inflammatory agent, sulindac, on platelet function. Green D, et al. **Thromb Res** 10(2):283–9, Feb 77

Effects of clofibrate on platelets and evidence of the involvement of platelet lipids in platelet function. Huzoor-Akbar, et al. **Thromb Res** 10(1):95–105, Jan 77

Effect of the calcium antagonist TMB-6 on intracellular calcium redistribution associated with platelet shape change. Le Breton GC, et al. **Thromb Res** 10(3):521–3, Mar 77

Release of platelet factor 4 (PF4) measured by a polybrene assay in response to in vitro platelet damage. Levine SP, et al. **Thromb Res** 10(1):1–10, Jan 77

The relationship between shape change and release reaction of lectin-stimulated platelets. Effects of cytochalasin B and prostaglandin E1. Patscheke H, et al. **Thromb Res** 10(3):465–74, Mar 77

[Clotting factors and the process of cellular excitation] Rusiaev VF, et al. **Usp Fiziol Nauk** 8(2):94–111, Apr–May 77 **(Rus)**

TRANSPLANTATION

Thrombocytopenia and its management in the surgical patient needing multiple reconstructive procedures. Schenkar DL, et al. **Am J Surg** 133(5):572–4, May 77

Management of cesarean section in a patient with idiopathic thrombocytopenic purpura. Angiulo JP, et al. **Anesthesiology** 46(2):145–7, Feb 77

Parenterally transmitted non-A, non-B hepatitis: an epidemic reassessed. Meyers JD, et al. **Ann Intern Med** 87(1):57–9, Jul 77

Treatment of busulfan-induced pancytopenia. Stuart JJ, et al. **Arch Intern Med** 136(10):1181–3, Oct 76

Advances in the management of acute nonlymphocytic leukemia. Wiernik PH. **Arch Intern Med** 136(12):1399–403, Dec 76

Specific thrombopoietic inhibition by syngeneic platelet homogenates. Krizsa F, et al. **Biomedicine [Express]** 27(4):145–8, Jun 77

Evidence that stimulation of megakaryocytopoiesis by low dose vincristine results from an effect on platelets. Jackson CW, et al. **Br J Haematol** 36(1):97–105, May 77

Early deaths in acute myelogenous leukemia. Smith IE, et al. **Cancer** 39(4):1710–4, Apr 77

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

The immune response to allogeneic rat platelets; Ag-B antigens in matrix form lacking Ia. Welsh KI, et al. **Eur J Immunol** 7(5):267–72, May 77

The therapy of acute leukemia in the adult: a progress report. Wiernik PH. **Haematol Bluttransfus** 19:271–84, 1976

When should we use blood or blood components? Knouse CA. **J Am Osteopath Assoc** 76(8):633, 635–9 concl, Apr 77

Management of intracerebral hemorrhage in idiopathic thrombocytopenic purpura. Report of four cases. Humphreys RP, et al. **J Neurosurg** 45(6):700–4, Dec 76

Blood transfusion in children with cancer. Thompson E, et al. **J Sch Health** 47(3):154–7, Mar 77

Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133–45, Sep 77 (91 ref.)

Supportive therapy for the leukemic patient in acute relapse. Pochedly C. **Med Times** 105(7):(82)1d–(82)9d, Jul 77

Platelet and granulocyte transfusion therapy. McCredie KB. **Postgrad Med** 62(2):151–3, Aug 77

Effects of penicillin G and cephalothin on platelet function in vivo. Cazenave JP, et al. **Proc Soc Exp Biol Med** 152(4):641–4, Sep 76

The clot: platelet transfusion. Chapman R. **Rocky Mt Med J** 74(3):146–50, May–Jun 77

The clot: idiopathic thrombocytopenic purpura. Kurnick JE. **Rocky Mt Med J** 74(3):142–5, May–Jun 77

Indium-LLL labeled platelets: studies on preparation and evaluation of in vitro and in vivo functions. Thakur ML, et al. **Thromb Res** 9(4):345–57, Oct 76

Clinical value of washed-platelet concentrates in patients with non-hemolytic transfusion reactions. Silvergleid AJ, et al. **Transfusion** 17(1):33–7, Jan–Feb 77

Viability and function of platelets frozen at 2 to 3 C per minute with 4 or 5 per cent DMSO and stored at –80 C for 8 months. Spector JI, et al. **Transfusion** 17(1):8–15, Jan–Feb 77

Anti-A1 in the plasma of platelet concentrates causing a hemolytic reaction. Zoes C, et al. **Transfusion** 17(1):29–32, Jan–Feb 77

Donor availability for platelet transfusion support of alloimmunized thrombocytopenic patients. Duquesnoy RJ, et al. **Transplant Proc** 9(1):519–21, Mar 77

Efficacy of matched platelet transfusions from unrelated donors. Radvany R, et al. **Transplant Proc** 9(1):513–7, Mar 77

[Platelet transfusion] Mannoni P, et al.
Rev Fr Transfus Immunohematol 19(3):489–511, Sep 76 **(Fre)**

Role of the HL-A system in the transfusion of platelets and leukocytes] Mannoni P, et al.
Rev Fr Transfus Immunohematol 20(1):49–55, Mar 77**(Fre)**

[About the elimination of thromboagglutinins from anti-lymphocytic serum (author's transl)] Bednařík T, et al. **Allerg Immunol (Leipz)** 23(1):43–6, 1977 (Eng. Abstr.) **(Ger)**

[Technical problems in platelet-concentrate preparation and their clinical significance] Stampe D.
Infusionsther Klin Ernaehr 4(3):152–6, Jun 77 (Eng. Abstr.) **(Ger)**

[Complications of blood transfusion in dogs. Role of incompatibility with regard to thrombocyte antigens] Belotskiĭ SM, et al. **Eksp Khir Anesteziol** (6):72–4, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Treatment of infectious complications and bleeding with infusions of leukocytic and thrombocytic mass obtained with the aid of blood cell separator] Baranov AE, et al.
Ter Arkh 48(8):44–54, 1976 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Platelet storage in the spleen in idiopathic thrombocytopenic purpura and congestive splenomegaly. Burger T, et al.
Acta Med Acad Sci Hung 33(1):13–24, 1976

Intimal pits of aorta in rabbits: Imprints of vortices of blood flow? Svendsen E, et al.
Acta Pathol Microbiol Scand [A] 85A(1):25–32, Jan 77

Platelet shape change induced by cold and the retraction of reptilase clots. Kubisz P, et al.
Acta Univ Carol [Med] (Praha) 22(1–2):9–17, 1976

Platelet prostaglandin production and its implications. Smith JB, et al. **Adv Prostaglandin Thromboxane Res** 2:747–53, 1976

Effects of dibutyryl cyclic adenosinemonophosphate and prostaglandin E1 on platelet aggregation and shape changes. Wang TY, et al. **Am J Clin Pathol** 67(4):362–7, Apr 77

Platelet injury during phototherapy. Maurer HM, et al.
Am J Hematol 1(1):89–96, 1976

Hereditary nephritis, deafness and abnormal thrombopoiesis. Study of a new kindred. Parsa KP, et al. **Am J Med** 60(5):665–72, 10 May 76

The influence of prostaglandin G2 on platelet ultrastructure and platelet secretion. Gerrard JM, et al. **Am J Pathol** 86(1):99–115, Jan 77

The influence of reserpine and ethylenediaminetetraacetic acid (EDTA) on serotonin storage organelles of blood platelets. Gerrard JM, et al. **Am J Pathol** 87(3):633–46, Jun 77

Rat platelet aggregation by ATP. Aggregometrical and ultrastructural comparison with aggregations induced by ADP and collagen. Ts'ao C. **Am J Pathol** 85(3):581–93, Dec 76

Effects of nitroblue tetrazolium and vitamin E on platelet ultrastructure, aggregation, and secretion. White JG, et al.
Am J Pathol 88(2):387–402, Aug 77

Granulocyte recruitment to airways exposed to endotoxin aerosols. Hudson AR, et al. **Am Rev Respir Dis** 115(1):89–95, Jan 77

[Ultrastructure of the human lung in shock (author's transl)] Schlag G, et al. **Anaesthesist** 25(11):512–21, Nov 76 (Eng. Abstr.)

Microcirculatory changes in the lung of the hypoxic and hypovolemic puppy: an electron microscope study. Harrison MW, et al. **Ann Surg** 185(3):311–7, Mar 77

Sodium-dependent transport of 5-hydroxytryptamine (serotonin) by canine blood platelets. Chong G, et al.
Arch Biochem Biophys 179(2):600–7, Mar 77

Acetylcholinesterase, choline acetyltransferase, and the postulated acetylcholine receptor of canine platelets. Chuang HY, et al. **Biochem Pharmacol** 25(17):1971–7, 1 Sep 76

Serotonin transport and storage in rabbit blood platelets--the effects of reserpine and imipramine. Reimers HJ, et al.
Biochem Pharmacol 26(18):1645–55, 15 Sep 77

Effect of reserpine on adenosive uptake and metabolism, and subcellular transport of platelet adenosine triphosphate in washed rabbit platelets. Reimers HJ, et al.
Biochem Pharmacol 26(18):1657–65, 15 Sep 77

Interaction of human blood platelets with the 2',3'-dialdehyde derivatives of adenosine diphosphate and adenosine triphosphate. Pearce PH, et al. **Biochem Soc Trans** 5(1):138–9, 1977

Membrane microviscosity and human platelet function. Shattil SJ, et al. **Biochemistry** 15(22):4832–7, 2 Nov 76

Membrane alterations in connection with the release reaction in human platelets as studied by the lactoperoxidase-iodination technique and by agglutination with bovine factor VIII-related protein. Hagen I, et al.
Biochim Biophys Acta 468(1):1–10, 4 Jul 77

Inhibition of human platelet mitochondrial protein synthesis by chloramphenicol. Agam G, et al.
Biomedicine [Express] 27(2):66–9, Mar 77

In situ observation of dense-body release from hydrated human platelets. Costa JL. **Biophys J** 19(3):307–13, Sep 77

Heterogeneity of human whole blood platelet subpopulations. I. Relationship between buoyant density, cell volume, and ultrastructure. Corash L, et al. **Blood** 49(1):71–87, Jan 77

A platelet abnormality in the Chediak-Higashi syndrome of man. Costa JL, et al. **Blood** 48(4):517–20, Oct 76

Shape and cytoplasmic filaments in control and lidocaine-treated human platelets. Nachmias V, et al.
Blood 50(1):39–53, Jul 77

Effects of cephalothin and penicillin G on platelet function in vitro. Cazenave J-P, et al. **Br J Haematol** 35(1):135–52, Jan 77

Specific interaction of HLA antibodies (eluates) with washed platelets. Heinrich D, et al. **Br J Haematol** 35(3):441–52, Mar 77

Megakaryocytes and the heterogeneity of circulating platelets. Penington DG, et al. **Br J Haematol** 34(4):639–53, Dec 76

Metabolism and function of human platelets washed by albumin density gradient separation. Walsh PN, et al.
Br J Haematol 36(2):287–96, Jun 77

Selective inhibitory actions of sodium-p-benzyl-4-[1-oxo-2-(4-chlorobenzyl)-3-phenyl propyl] phenyl phosphonate (N-0161) and indomethacin on the biosynthesis of prostaglandins and thromboxanes from arachidonic acid. Eakins KE, et al. **Br J Pharmacol** 60(1):135–40, May 77

Abnormal platelet glycogen metabolism in multiple myeloma patients. Agam G, et al. **Clin Chim Acta** 79(2):437–45, 1 Sep 77

Comparative hematology--studies on Camelidae. Lewis JH.
Comp Biochem Physiol [A] 55(4A):367–71, 1976

Shape changes and reduced calcium level in the surface membrane region of human platelets exposed to manganese in vitro. ap Gwynn I, et al. **Cytobios** 16(62):97–106, 1976

Thrombocytes in atherosclerosis-resistant and atherosclerosis-susceptible breeds of pigeon: a comparative ultrastructural study. Lewis JC, et al. **Exp Mol Pathol** 25(3):332–43, Dec 76

Multivesicular structures and effects of some aggregation inhibitors in guinea-pig platelets. Candia Carnevali M, et al. **Haematologica (Pavia)** 62(2):127–35, Apr 77

Ultrastructural localization of acid protein polysaccharides and calcium in the vacuoles of the chicken thrombocyte. Daimon T, et al. **Histochemistry** 52(1):25–32, 20 Apr 77

Demonstration of intracytoplasmic glycogen of megakaryocytes and blood platelets by means of the periodic acid-thiocarbohydrazide-silver proteinate method. Murata F, et al. **Histochemistry** 52(4):307–16, 24 Jun 77

Localization of factor VIII/Von Willebrand protein on platelets. Electron microscopy study with peroxidase-labelled antibodies. pp. 479–85. Jeanneau C, et al.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.

Normal platelet numbers. Pulmonary-platelet interactions. pp. 89–97. Crosby WH.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Platelets: the last hundred years. pp. 5–22. Mielke CH Jr.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.

Some basic mechanisms in platelet physiology. pp. 38–49. Salzman EW.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (62 ref.)

Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)

The blood platelet a potential smooth muscle cell. pp. 105–15. Behnke O.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.

Tubulin and other microtubule associated proteins of the blood platelet. pp. 117–31. Crawford N, et al.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976. (35 ref.)

Electron microscopical evidence of the presence of unstable L forms of Staphylococcus epidermidis in human platelets. pp. 341–4. Tedeschi GG, et al.
In: Roux J, ed. Spheroplasts, protoplasts, and L-forms of bacteria. Paris, INSERM, 1977. QW 51 S753 1976.

Interaction of lipoteichoic acid of group A streptococci with human platelets. Beachey EH, et al. **Infect Immun** 16(2):649–54, May 77

Ultrastructure of human bone marrow cell maturation. Breton-Gorius J, et al. **Int Rev Cytol** 46:251–321, 1976 (313 ref.)

Isolation of platelet microtubule protein by an immunosorptive method. Ikeda Y, et al. **J Biol Chem** 251(19):6135–41, 10 Oct 76

Platelet glycocalicin. I. Orientation of glycoproteins of the human platelet surface. Okumura T, et al. **J Biol Chem** 251(19):5944–9, 10 Oct 76

Inhibition and enhancement of platelet aggregation by collagen derivatives. Kay WW, et al.
J Biomed Mater Res 11(3):365–72, May 77

Platelet interaction with modified articular cartilage. Its possible relevance to joint repair. Zucker-Franklin D, et al. **J Clin Invest** 59(4):641–51, Apr 77

Mepacrine, a tool for investigating the 5-hydroxytryptamine organelles of blood platelets by fluorescence microscopy. Lorez HP, et al. **J Lab Clin Med** 89(1):200–6, Jan 77

Factors which influence blood platelet migration. Lowenhaupt RW, et al. **J Lab Clin Med** 90(1):37–45, Jul 77

Giant platelets and thrombocytopenia: a bleeding disorder in siblings. Clinical laboratory and electron microscopic aspects. Costa e Silva M, et al. **J Med** 8(2):81–94, 1977

Quantitative evaluation of the loss of human platelet dense bodies following stimulation by thrombin or A23187. Costa JL, et al. **J Physiol (Lond)** 264(1):297–306, Jan 77

The study of platelet microtubule assembly. Ikeda Y.
Keio J Med 25(4):139–50, Dec 76

[Influence of temperature on shear induced platelet aggregation in vitro (author's transl)] Rieger H, et al.
Klin Wochenschr 55(3):121–30, 1 Feb 77

Paramyxovirus-induced platelet aggregation. Requirement for neuraminic acid receptors on platelets. Larke RP, et al.
Lab Invest 37(2):150–7, Aug 77

Effects of reserpine and imipramine on vesicular serotonin uptake and storage in intact human platelets. Costa JL, et al. **Life Sci** 21(2):181–8, 15 Jul 77

Effects of propranolol and pindolol on platelet aggregation and serotonin release. Nathan I, et al. **Life Sci** 20(3):407–11, 1 Feb 77

A quantitative morphological study of early platelet aggregation in rabbit lungs. Forrest JB. **Microvasc Res** 14(1):111–29, Jul 77

Platelet survival and morphology in homocystinuria due to cystathionine synthase deficiency. Uhlemann ER, et al.
N Engl J Med 295(23):1283–6, 2 Dec 76

Red-cell and platelet fragmentation in idiopathic autoimmune thrombocytopenic purpura. Zucker-Franklin D, et al.
N Engl J Med 297(10):517–23, 8 Sep 77

Prostacyclin increases cyclic AMP levels and adenylate cyclase activity in platelets. Best LC, et al. **Nature** 267(5614):850–2, 30 Jun 77

Native collagen is not a substrate for the collagen glucosyltransferase of platelets. Menashi S, et al. **Nature** 264(5587):670–2, 16 Dec 76

Membrane asymmetry and blood coagulation. Zwaal RF, et al. **Nature** 268(5618):358–60, 28 Jul 77

The structure and function of platelets, with emphasis on their contractile nature. Gerrard JM, et al. **Pathobiol Annu** 6:31–59, 1976 (73 ref.)

Platelet changes in women taking oral contraceptives. Burrow JP, et al. **Postgrad Med** 62(2):52–6, Aug 77

Cyclic AMP and platelet prostaglandin synthesis. Gerrard JM, et al. **Prostaglandins** 14(1):39–50, Jul 77

ADP-induced refractory state of platelets in vitro. II. Functional and ultra studies on gel filtered platelets. Holme S, et al. **Scand J Haematol** 18(4):267–78, Apr 77

In vitro platelet stain preventing (degranulating) effect of various substances, Study of mechanism of action. Stavem P, et al. **Scand J Haematol** 18(2):170–6, Feb 77

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

Inhibitors of platelet function in the prevention of arterial thrombosis. Harker LA. **Ser Haematol** 8(3):105–24, 1975 (81 ref.)

Use of newer platelet function tests ot define abnormalities of hemostasis and thrombosis. Hoak JC, et al.
Ser Haematol 8(3):81–8, 1975

Platelets: the last hundred years. Mielke CH Jr.
Ser Haematol 8(3):5–22, 1975

Fixation of platelets for scanning and transmission electron microscopy. Mattson JC, et al. **Stain Technol** 52(3):151–8, May 77

XIV. Cerebral ischemia: the role of thrombosis and of antithrombotic therapy. Study group on antithrombotic therapy. Genton E, et al. **Stroke** 8(1):150–75, Jan–Feb 77

Effects of matrix contact during gel filtration of human platelets in plasma. Lindon JN, et al. **Thromb Haemostas** 36(2):311–8, 30 Nov 76

Inhibitory effect of colchicine and vinblastine on reptilase clot retraction. Kubisz P, et al. **Thromb Res** 9(2):109–14, Aug 76

Indium-LLL labeled platelets: studies on preparation and evaluation of in vitro and in vivo functions. Thakur ML, et al. **Thromb Res** 9(4):345–57, Oct 76

Platelet–thrombin interactions as assessed by affinity chromatography. Workman EF Jr, et al. **Thromb Res** 9(5):491–503, Nov 76

Chronic megakaryocytic-granulocytic myelosis--an electron microscopic study. I. Megakaryocytes and thrombocytes. Thiele J, et al. **Virchows Arch [Pathol Anat]** 373(3):191–211, 6 Apr 77

Freeze-fracture of the normal and pathological megakaryocyte lineage in chronic megakaryocytic-granulocytic myelosis. Thiele J, et al.
Virchows Archiv [Cell Pathol] 23(1):33–51, 20 Jan 77

[Altered platelet surface glycoproteins in chronic myeloid leukemia (author's transl)] Vainer H, et al. **Int J Cancer** 19(2):143–9, 15 Feb 77 (Eng. Abstr.) **(Fre)**

[Megakaryocytes and platelets in congenital thrombopathies] Boisseau MR, et al. **Nouv Rev Fr Hematol** 16(3):427–6, 1976 (Eng. Abstr.) **(Fre)**

[Improved methods for the cytochemical demonstration of platelet peroxidase (author's transl)] Breton-Gorius J, et al. **Nouv Rev Fr Hematol** 16(3):381–9, 1976 (Eng. Abstr.) **(Fre)**

[The platelet defect in myeloproliferative disorder (author's transl)] Delobel J. **Nouv Rev Fr Hematol** 16(3):443–6, 1976 (Eng. Abstr.) **(Fre)**

[Isolation and function of platelets. I. Platelet rich plasma. Comparison between 2 methods: gel filtration and albumin density gradient centrifugation. II. A new method using total blood: metrizamide gradient centrifugation] Lévy-Toledano S, et al. **Nouv Rev Fr Hematol** 16(3):367–80, 1976 (Eng. Abstr.) **(Fre)**

[Ultrastructural study of the action of a blood platelet anti-aggregant. Application to nicergoline] Le Menn R, et al. **Therapie** 32(2):205–14, Mar–Apr 77 (Eng. Abstr.) **(Fre)**

[Reactions at human platelet membrane after adhesion and aggregation] Dierichs R, et al. **Verh Anat Ges** (70 Pt 2):955–60, 1976 (Eng. Abstr.) **(Ger)**

[Behavior of leukocytes towards blood platelets and during retraction] Lindner E, et al. **Verh Anat Ges** (70 Pt 2):945–53, 1976 (Eng. Abstr.) **(Ger)**

[Functional and ultrastructural study on membrane-stabilized blood platelets during the course of preparation, preservation and transfusion] Reuter H, et al.
Verh Dtsch Ges Inn Med 82 Pt 2:1595–7, 1976 **(Ger)**

[Studies with the freeze etching method on circulating blood platelets in patients with dyslipemia and in experimental hypercholesteremia. Preliminary note] Weber G, et al.
Arch De Vecchi Anat Patol 61(1):69–75, Apr 76 **(Ita)**

[Clinical considerations and ultrastructural findings in a case of Glanzmann's thrombasthenia] Balsamo V, et al.
Minerva Pediatr 29(10):657–64, 24 Mar 77 **(Ita)**

[Platelet morphology and function--adhesion, aggregation and release reaction (author's transl)] Hattori A, et al.
Acta Haematol Jpn 39(5):633–52, Oct 76 (Eng. Abstr.) **(Jpn)**

[Platelet aggregation and its morphological change induced by concanavalin A and collagen (author's transl)] Imaoka S, et al. **Acta Haematol Jpn** 39(5):623–32, Oct 76 (Eng. Abstr.) **(Jpn)**

[Morphology and metabolism of the blood platelet. Introduction] Yasunaga K. **Acta Haematol Jpn** 39(5):619–22, Oct 76 **(Jpn)**

[Scanning and transmission electron microscopic findings of platelet-like bodies in human urine (author's transl)] Kono N, et al. **Jpn J Clin Hematol** 17(6):632–35, Jun 76 (Eng

Abstr.) **(Jpn)**

[Urinary blood platelets. Preliminary report] Kawano N, et al. **Jpn J Nephrol** 17(3):171–89, Mar 75 (Eng. Abstr.) **(Jpn)**

[The role of platelets and erythrocytes in disturbance of cerebral microcirculation (author's transl)] Kim S, et al. **Neurol Med Chir (Tokyo)** 17(2 pt. 2):135–44, Mar 77 (Eng. Abstr.) **(Jpn)**

[Scanning electron microscopy in hematology (a review of the literature)] Krymskiĭ LD, et al. **Vestn Akad Med Nauk SSSR** (8):67–77, 1976 (49 ref.) **(Rus)**

[Platelet osmotic shock. I. Assessment and ultrastructural changes (author's transl)] García-Conde J, et al. **Sangre (Barc)** 22(3):313–23, 1977 (Eng. Abstr.) **(Spa)**

[Osmotic shock of platelets. II. Influence of different chemicals. Osmotic shock on filtered platelets (author's transl)] García-Conde J, et al. **Sangre (Barc)** 22(4):426–36, 1977 (Eng. Abstr.) **(Spa)**

[Platelets and refractory anaemia: platelet structure and aggregation under electron microscope (author's transl)] Pintado T, et al. **Sangre (Barc)** 21(3B):740–54, 1976 (Eng. Abstr.) **(Spa)**

BLOOD PRESERVATION

Studies on human platelets stored at 20–22 degrees C without agitation. Vainer H, et al. **Acta Haematol (Basel)** 56(3):160–73, 1976

Effects of hemoglobin F levels, KCN, and storage on the isopropanol precipitation test for unstable hemoglobins. Brosious EM, et al. **Am J Clin Pathol** 66(5):878–82, Nov 76

Restoration of hemoglobin function in stored EDTA blood. Application in identification of hemoglobin variants with abnormal oxygen affinity. Sumoza A, et al. **Am J Clin Pathol** 68(1):53–6, Jul 77

The large scale use of frozen blood by the hospital blood bank. Bryant LR Jr. **Am J Med Technol** 43(8):785–9, Aug 77

New techniques to measure blood cholinesterase activity in domesticated animals. Silvestri R. **Am J Vet Res** 38(5):659–62, May 77

Plasma pentobarbitone levels. Estimation by gas–liquid chromatography after clinical doses. Howard PJ, et al. **Anaesthesia** 31(8):1032–6, Oct 76

Red cell 2,3-diphosphoglycerate and oxygen affinity. MacDonald R. **Anaesthesia** 32(6):544–53, Jun 77 (77 ref.)

Alteration of protein-binding during storage of human plasma preparations. Baur G, et al. **Anaesthesist** 26(3):148–50, Mar 77

Platelet function. Barrer MJ, et al. **Anesthesiology** 46(3):202–11, Mar 77

Differences in the calcium concentration of serum and plasma initially and after storage. Lester E, et al. **Ann Clin Biochem** 14(1):39–44, Jan 77

The circumstances of freezing in the freeze-drying process of haemoderivatives. Fekete M, et al. **Ann Immunol Hung** 18:229–36, 1975

Blood bank's link to OR. Pratt ML. **AORN J** 25(6):1058–68, May 77

Polyurethane foam (Bentley) micropore blood transfusion filter: filtration characteristics. Hurley MJ, et al. **Arch Surg** 112(2):222–5, Feb 77

The rational use of blood. Beal RW. **Aust NZ J Surg** 46(4):309–13, Nov 76

On the origin of the Aalpha chain heterogeneity of human fibrinogen. Semeraro N, et al. **Biochim Biophys Acta** 492(1):204–14, 27 May 77

Effect of hydration on the water content of human erythrocytes. Levin RL, et al. **Biophys J** 16(12):1411–26, Dec 76

Study of methods for the detection of HBsAg and HBsAb in hemoderivatives. Costantini A, et al. **Boll Ist Sieroter Milan** 56(2):115–21, 31 Mar 77 (Eng. Abstr.)

Conformational flexibility of the serum amyloid precursor SAA. Sipe JD, et al. **Br J Exp Pathol** 57(5):582–92, Oct 76

Banked blood microfiltration. I. Microfilter composed of five polyurethane foam layers with graded pore size. Guidoin RG, et al. **Br J Haematol** 33(4):583–90, Aug 76

Banked blood microfiltration. II. Dacron-wool microfilter. Guidoin RG, et al. **Br J Haematol** 33(4):591–9, Aug 76

Clinical experience with transfusion of cryopreserved platelets. Schiffer CA, et al. **Br J Haematol** 34(3):377–85, Nov 76

Preparation and storage of platelet concentrates. I. Factors influencing the harvest of viable platelets from whole blood. Slichter SJ, et al. **Br J Haematol** 34(3):395–402, Nov 76

Calibration of densitometers for indicator dye dilution. Rush EC, et al. **Cardiovasc Res** 11(3):263–9, May 77

Intra-individual variation of some serum constituents and its relevance to population-based reference ranges. Pickup JF, et al. **Clin Chem** 23(5):842–50, May 77

Renin concentration after prolonged cold storage of human plasma. Lijnen PJ, et al. **Clin Chim Acta** 79(1):51–4, 15 Aug 77

Migration inhibition factor and the blood clotting system: effects of defibrination, heparin and thrombin. Mäkinen T, et al. **Clin Exp Immunol** 29(1):181–6, Jul 77

'Long-distance' lymphocyte study. The effects of transporting blood in lymphocyte blastogenic responses. Ottesen EA, et al. **Clin Exp Immunol** 29(1):168–72, Jul 77

Factors in the analysis of whole blood thiocyanate. Ballantyne B. **Clin Toxicol** 11(2):195–210, Sep 77

Blood lead analysis--lead loss to storage containers. Unger BC, et al. **Clin Toxicol** 11(2):237–43, Sep 77

Oxygen availability during hypothermic cardiopulmonary bypass. Fisher A, et al. **Crit Care Med** 5(3):154–8, May–Jun 77

The immunological capacity of peripheral lymphocytes in a blast-transformation system using frozen-stored cells. Birkeland SA. **Cryobiology** 13(4):433–41, Aug 76

The influence of different freezing procedures and different cryoprotective agents on the immunological capacity of frozen-stored lymphocytes. Birkeland SA. **Cryobiology** 13(4):442–7, Aug 76

A test of granulocyte membrane integrity and phagocytic function. Dankberg F, et al. **Cryobiology** 13(4):430–2, Aug 76

A membrane model describing the effect of temperature on the water conductivity of erythrocyte membranes at subzero temperatures. Levin RL, et al. **Cryobiology** 13(4):415–29, Aug 76

Freezing injury from 'solution effects' and its prevention by natural or artificial cryoprotection. Meryman HT, et al. **Cryobiology** 14(3):287–302, Jun 77

Survival of frozen-thawed human red cells as a function of cooling and warming velocities. Miller RH, et al. **Cryobiology** 13(4):404–14, Aug 76

The effect of cryogenic storage on human erythrocyte membrane proteins as determined by polyacrylamide-gel electrophoresis. Skrabut EM, et al. **Cryobiology** 13(4):395–403, Aug 76

Pyrogen tests of infusions, blood anticoagulant solutions, plastic materials and rubber products. Pintér J, et al. **Dev Biol Stand** 34:109–14, 1977

In vivo and in vitro innocuity tests applied at the National Institute of Haematology and Blood Transfusion. Zsdánszky C, et al. **Dev Biol Stand** 34:155–8, 1977

Management of bleeding disorders in traumatic-haemorrhagic shock states with deep frozen fresh plasma. Hehne HJ, et al. **Eur J Intensive Care Med** 2(4):157–61, 1976

The occurence and significance of microaggregates in stored blood. James OF. **Eur J Intensive Care Med** 2(4):163–6, 1976

Changes in the immunocompetence and surface markers of lymphocytes in stored blood. Khan A, et al. **Exp Hematol** 5(1):8–12, Jan 77

The prothrombin activation in stored blood. Dejanov II, et al. **God Zb Med Fak Skopje** 22:49–61, 1976

Stroma-free haemoglobin solution for infusion: changes during storage. Kramlová M, et al. **Haematologia (Budap)** 10(3–4):365–71, 1976

Platelet transfusion. Curtoni ES, et al. **Haematologica (Pavia)** 61(4):498–510, Dec 76

Hemoglobin F Koelliker (alpha2 minus 141 (HC 3) Arg gamma2); a modification of fetal hemoglobin. Kohne E, et al. **Hemoglobin** 1(3):257–66, 1977

Reactivity of the beta-93 SH groups in Hb Köln. Winterbourn CC, et al. **Hemoglobin** 1(1):1–11, 1976–77

Human complementary component C'3: an appraisal. Seth PK, et al. **Hum Genet** 33(3):201–11, 30 Aug 76 (67 ref.)

Mechanism of formation of non-immune rosettes between guinea-pig thymus-derived lymphocytes and rabbit erythrocytes. Godfrey HP. **Immunology** 32(1):25–31, Jan 77

Influence of blood storage after in vitro exposure to ionizing radiations on the yield of chromosome aberrations observed in human lymphocytes. Vekemans M, et al. **Int J Radiat Biol** 31(5):493–8, May 77

Neutrophil preservation: the effect of short-term storage on in vivo kinetics. Price TH, et al. **J Clin Invest** 59(3):475–80, Mar 77

Improved assay for monocyte chemotaxis using frozen stored responder cells. Dean DA, et al. **J Immunol Methods** 14(1):65–72, 1977

The determination of disopyramide in blood plasma and urine.

Daniel JW, et al. **J Int Med Res** 4(1 Suppl):2–4, 1976
Use of blood and blood products. Glassman AB, et al. **J Med Assoc Ga** 65(12):456–60, Dec 76
Current concepts of blood transfusion. Valeri CR. **J Oral Surg** 35(9):707–12, Sep 77
The place of blood transfusion in surgery yesterday, today, tomorrow. Rudowski WJ. **J R Coll Surg Edinb** 22(2):109–17, Mar 77
Viability of cryopreserved red blood cells studied over 96 hr post-thaw. Wintch R, et al. **J Surg Res** 23(2):88–95, Aug 77
Acute clinical hypocalcemic myocardial depression during rapid blood transfusion and postoperative hemodialysis: a preventable complication. Olinger GN, et al. **J Thorac Cardiovasc Surg** 72(4):503–11, Oct 76
[Influence of temperature on shear induced platelet aggregation in vitro (author's transl)] Rieger H, et al. **Klin Wochenschr** 55(3):121–30, 1 Feb 77
Microfiltration of stored blood regardless of age of storage [letter]. Griffith EM. **Lancet** 1(8019):1010, 7 May 77
Effect of storage on plasma-lipoproteins [letter] Mills GL. **Lancet** 2(8029):133–4, 16 Jul 77
Effect of storage on plasma-lipoproteins [letter] Reckless JP, et al. **Lancet** 2(8033):350, 13 Aug 77
Autologous blood transfusion. Brzica SM Jr, et al. **Mayo Clin Proc** 51(11):723–37, Nov 76
An analysis of selected blood service policy changes. Pegels CC, et al. **Med Care** 15(2):147–57, Feb 77
Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133–45, Sep 77 (91 ref.)
Principles of granulocyte transfusion therapy. Schiffer CA. **Med Clin North Am** 61(5):1119–31, Sep 77 (75 ref.)
Normal values for the nitroblue tetrazolium test (NBT. test). Okong'o O, et al. **Med J Zambia** 11(3):71–3, Jun-Jul 77
Comparison of Isoton and Isoton II. Barnard DF, et al. **Med Lab Sci** 33(4):321–4, Oct 76
Blood storage. XIV. Adenine maintenance of ATP in a preservative with high pH (to maintain 2.3-DPG for hemoglobin function). Dawson RB, et al. **Milit Med** 142(4):282–5, Apr 77
Erythrocyte metabolism. Brewer GJ, et al. **Prog Clin Biol Res** 11:5–19, 1976 (26 ref.)
Uses of frozen-thawed erythrocytes in a community hospital. Bryan LR Jr. **Prog Clin Biol Res** 11:109–20, 1976
Use of frozen blood in surgical patients. Huggins C. **Prog Clin Biol Res** 11:97–107, 1976
Clinical uses of frozen-thawed erythrocytes in pediatrics. Kevy SV, et al. **Prog Clin Biol Res** 11:89–95, 1976
Current status of granulocyte transfusion therapy. Schiffer CA, et al. **Prog Clin Biol Res** 13:281–92, 1977 (41 ref.)
Transfusion of frozen-washed red cells in preventing hepatitis. Shires DL Jr. **Prog Clin Biol Res** 11:183–94, 1976 (23 ref.)
Physiological and metabolic aspects of freezing erythrocytes, with historical notes. Sloviter HA. **Prog Clin Biol Res** 11:33–45, 1976 (21 ref.)
Cryobiology overview of red cell preservation: achievements and prospective. Valeri CR, et al. **Prog Clin Biol Res** 11:55–87, 1976 (30 ref.)
An improved technique for the preparation of chromosomes from cattle whole blood. Halna CR. **Res Vet Sci** 22(1):40–3, Jan 77
Hemoglobin function in stored blood, XVII. Maintenance of red cell 2,3 DPG (function) and ATP (viability) for six weeks in ACD or CPD-adenine-inosine-methylene blue. Dawson RB. **Rev Fr Transfus Immunohematol** 19(4):527–38, Dec 76
Microcalorimetric measurements of heat production in human erythrocytes. III. Influence of pH, temperature, glucose concentration, and storage conditions. Monti M, et al. **Scand J Clin Lab Invest** 36(6):565–72, Oct 76
Microcalorimetric measurements of heat production in human erythrocytes. IV. Comparison between different calorimetric techniques, suspension media, and preparation methods. Monti M, et al. **Scand J Clin Lab Invest** 36(6):573–80, Oct 76
Microcalorimetric studies of human platelet metabolism at rest. Influence of pH, temperature, cell concentration, preparation methods and storage. Monti M, et al. **Scand J Haematol** 19(1):111–5, Jul 77
Experience with deep hypothermia and elective circulatory arrest for cardiac surgery in infants. Caldwell TB 3d, et al. **South Med J** 70(6):681–5, Jun 77
Pulmonary and systemic effects of stored vs fresh blood in traumatized, shocked baboons. McDanal JT, et al. **Surg Forum** 27(62):178–9, 1976
The effect of microaggregates in stored blood on canine pulmonary vascular resistance. Girdano J, et al. **Surgery** 80(5):617–23, Nov 76
Enzymatic properties of 5'-AMP deaminase in platelet lysates. Holmsen H, et al. **Thromb Haemostas** 37(3):380–95, 30 Jun 77
Properties of washed human platelets. Kinlough-Rathbone RL, et al. **Thromb Haemostas** 37(2):291–308, 30 Apr 77
Platelet preservation. III. The influence of dimethylsulfoxide and cooling conditions on serotonin uptake velocity and response to hypotonic stress of human platelets. Odink J, et al. **Thromb Haemostas** 36(1):192–9, 31 Aug 76
Platelet preservation. II. The response of human platelet suspensions to hypotonic stress. Odink J. **Thromb Haemostas** 36(1):182–91, 31 Aug 76
Evaluation of an amidolytic heparin assay method: increased sensitivity by adding purified antithrombin III. Teien AN, et al. **Thromb Res** 10(3):399–410, Mar 77
Adenine: chemistry, analytical methods, sources, purity, and specifications. Bartlett GR. **Transfusion** 17(4):333–8, Jul-Aug 77
Effect of initial storage at room temperature on human red blood cell ATP, 2,3-DPG, and viability. Chapman RG, et al. **Transfusion** 17(2):147–50, Mar-Apr 77
The purification of red cells for transfusion by freeze-preservation and washing. V. Red cell recovery and residual leukocytes after freeze-preservation with high concentrations of glycerol and washing in various systems. Crowley JP, et al. **Transfusion** 17(1):1–7, Jan-Feb 77
Blood storage XXV: Ascorbic acid (vitamin C) and dihydroxyacetone (DHA) maintenance of 2,3-DPG for six weeks in CPD-adenine. Dawson RB. **Transfusion** 17(3):248–54, May-Jun 77
Chemical analysis of a 30-year-old bottle of lyophilized plasma. Fu P, et al. **Transfusion** 17(1):73–4, Jan-Feb 77
Preferential decrease in thymus dependent lymphocytes during storage at 4 C in anticoagulant. Grunow JE, et al. **Transfusion** 16(6):610–5, Nov-Dec 76
A rapid method for the preparation of high potency auto and alloantibody eluates. Jenkins DE Jr, et al. **Transfusion** 17(2):110–4, Mar-Apr 77
The opsonic activity of stored blood. McClellan MA, et al. **Transfusion** 17(3):227–32, May-Jun 77
A chemical refrigerant. McPeak DW, et al. **Transfusion** 17(3):280–1, May-Jun 77
Changes in agglomeration of human red blood cells in liquid storage in CPD media. Meyerstein N, et al. **Transfusion** 17(2):115–22, Mar-Apr 77
The uptake and egress of adenine from human red blood cells in vitro. Moore GL, et al. **Transfusion** 17(1):38–43, Jan-Feb 77
Platelet preservation V. Survival, serotonin uptake velocity, and response to hypotonic stress of fresh and cryopreserved human platelets. Odink J, et al. **Transfusion** 17(3):203–9, May-Jun 77
Metabolic changes during platelet storage. Rock G, et al. **Transfusion** 16(6):571–9, Nov-Dec 76
Adenine in blood banking. Simon ER. **Transfusion** 17(4):317–25, Jul-Aug 77
Preparation of cryoprecipitated factor VIII concentrates. Slichter SJ, et al. **Transfusion** 16(6):616–26, Nov-Dec 76
Viability and function of platelets frozen at 2 to 3 C per minute with 4 or 5 per cent DMSO and stored at -80 C for 8 months. Spector JI, et al. **Transfusion** 17(1):8–15, Jan-Feb 77
Oxygen consumption, platelet aggregation and release reactions in platelets freeze-preserved with dimethylsulfoxide. Spector JI, et al. **Transfusion** 17(2):99–109, Mar-Apr 77
The introduction of adenine fortified blood preservatives: introduction and an interpretation of its history. Swisher SN. **Transfusion** 17(4):309–16, Jul-Aug 77
Toxicology and pharmacology of adenine in animals and man. Warner WL. **Transfusion** 17(4):326–32, Jul-Aug 77
HLA antigens and blood transfusion: effect on renal transplants. Perkins HA. **Transplant Proc** 9(1 Suppl 1):229–32, Mar 77
Studies of lymphocyte-dependent antibodies to leukemia-associated antigens using frozen stored leukemia target cells. Durantez A, et al. **Transplantation** 22(2):190–6, Aug 76
Fresh blood - a myth or a real need? **Vox Sang** 31(5):368–79, Nov 76
What is the place of red cell freezing in the logistics of a modern national blood service? **Vox Sang** 33(1):51–64, Jul 77
Preparation of human immunoglobulin by ammonium sulfate precipitation. Habeeb AF, et al. **Vox Sang** 31(6):423–34, 1976
Weak anti-IgA antibodies with limited specificity and nonhemolytic transfusion reactions. Koistinen J, et al. **Vox Sang** 32(2):77–81, 1977
The use of IgM anti-D coated cells in the deliberate immunisation of Rh-negative male volunteers. Lee D, et

al. **Vox Sang** 32(4):189–94, 1977

Physical and chemical changes of ACD-preserved blood: a comparison of blood in glass bottles and plastic bags. Sasakawa S, et al. **Vox Sang** 31?-73(3):199–210, 1976

Osmotic fragility changes in preserved blood: measurements by coil planet centrifuge and parpart methods. Sasakawa S, et al. **Vox Sang** 33(3):187–92, Sep 77

The effect of stored blood on mesenteric oxygen extraction during endotoxic shock. Invited commentary. Baue AE. **World J Surg** 1(1):91, Jan 77

The effect of stored blood on mesenteric oxygen extraction during exdotoxin shock. Garg DK, et al. **World J Surg** 1(1):85–90, Jan 77

[Dependence of the safety of HLA antigen detection on the duration of storage of blood and lymphocyte float (author's transl)] Májský A, et al. **Cas Lek Cesk** 116(24):753–7, 17 Jun 77 (Eng. Abstr.) **(Cze)**

[Transfusion service – synthesis of obligatory arrangements and methodic directions] Dobrý E, et al. **Zdrav Aktual** (185):1–188, 1976 **(Cze)**

[Preparation of an erythrocyte concentrate from whole blood in plastic packs for patients with previous febrile reactions to transfusion] Gundolf F. **Ugeskr Laeger** 138(34):2059–61, 16 Aug 76 (Eng. Abstr.) **(Dan)**

[Replacement therapy in bone marrow insufficiencies] Splinter AW. **Ned Tijdschr Geneeskd** 121(26):1061–6, 25 Jun 77 **(Dut)**

[Erythrocyte form and deformability for normal blood and some hereditary hemolytic anemias (author's transl)] Bessis M. **Nouv Rev Fr Hematol Blood Cells** 18(1):75–94, 1977 **(Fre)**

[Massive hemorrhage during major orthopedic surgery. Metabolic consequences] Pasteyer J, et al. **Rev Chir Orthop** 62(6):585–93, Sep 76 (Eng. Abstr.) **(Fre)**

[Changes in the erythrocyte membrane during blood preservation. Influence of progesterone] Ciavatti M, et al. **Rev Fr Transfus Immunohematol** 19(4):539–54, Dec 76 (Eng. Abstr.) **(Fre)**

[Diethylhexyl phthalate in plastic bags and glass bottles for blood preservation] Friocourt MP, et al. **Rev Fr Transfus Immunohematol** 19(4):589–95, Dec 76 (Eng. Abstr.) **(Fre)**

[Comparative study by scanning electron microscopy of the internal surfaces of blood transfusion bags, according to brand] Friocourt MP, et al. **Rev Fr Transfus Immunohematol** 20(2):337–44, Jun 77 (Eng. Abstr.) **(Fre)**

[Post-tranfusional malaria in France] Ranque J. **Rev Fr Transfus Immunohematol** 19(2):315–25, Jun 76 (Eng. Abstr.) **(Fre)**

[Are transfusion directives realizable and meaningful?] Busch H. **Chirurg** 47(2):53–6, 1976 **(Ger)**

[Clinical experiences with autologous blood transfusion in vascular surgery] Kraas E, et al. **Chirurg** 47(12):662–9, Dec 76 (Eng. Abstr.) **(Ger)**

[Antigen testing using freeze-preserved lymphocytes in the LTT (Lymphocyte Transformation test) and the LMHT (Leukocyte Migration Inhibition Test)] Göring HD, et al. **Dermatol Monatsschr** 163(3):217–9, Mar 77 (Eng. Abstr.) **(Ger)**

[Full blood preservation or erythrocyte concentrate (letter)?] Seidl S. **Dtsch Med Wochenschr** 102(17):669–70, 29 Apr 77 **(Ger)**

[The effect of inosine, inorganic phosphates and pyruvate on erythrocyte glycolysis metabolites under conditions of preservation] Hasart E, et al. **Folia Haematol (Leipz)** 103(4):559–72, 1976 (Eng. Abstr.) **(Ger)**

[Precision control of a single step determination of blood coagulation factor VIII in the plasma] Lutze G. **Folia Haematol (Leipz)** 104(1):109–15, 1977 (Eng. Abstr.) **(Ger)**

[The correlation of human erythrocyte shape with dark-field light scattering intensity] Scheven C, et al. **Folia Haematol (Leipz)** 103(6):893–9, 1976 (Eng. Abstr.) **(Ger)**

[The manufacture and transfusion of deep frozen preserved blood] Seidl S. **Infusionsther Klin Ernaehr** 4(2):88–91, Apr 77 (Eng. Abstr.) **(Ger)**

[Technical problems in platelet-concentrate preparation and their clinical significance] Stampe D. **Infusionsther Klin Ernaehr** 4(3):152–6, Jun 77 (Eng. Abstr.) **(Ger)**

[Investigation of a new method for the determination of glucose, using the Greiner Selective Analyzer II (GSA II) (author's transl)] Wasser E. **J Clin Chem Clin Biochem** 15(3):109–13, Mar 77 (Eng. Abstr.) **(Ger)**

[Serum sterilization in the cold with peracetic acid] Sprössig M, et al. **J Hyg Epidemiol Microbiol Immunol (Praha)** 21(2):157–63, 1976 (Eng. Abstr.) **(Ger)**

[Partial thromboplastin time (PTT) in the pediatric age group. Normal values and changes under different storage conditions (author's transl)] Sutor AH, et al. **Klin Paediatr** 188(6):499–507, Nov 76 (Eng. Abstr.) **(Ger)**

[Effect of acetylsalicylic acid and aprotinin on the platelet function and coagulation of preserved blood] Haas-Denk S, et al. **Med Welt** 28(19):912–4, 13 May 77 **(Ger)**

[Microaggregates in preserved blood] Frey-Wettstein M, et al. **Schweiz Med Wochenschr** 106(42):1436–8, 16 Oct 76 (Eng. Abstr.) **(Ger)**

[Freshly frozen preserved plasma for the treatment of intravascular coagulation in polytraumatized patients] Hehne HJ, et al. **Schweiz Med Wochenschr** 106(20):671–6, 15 May 76 (Eng. Abstr.) **(Ger)**

[Functional and ultrastructural study on membrane-stabilized blood platelets during the course of preparation, preservation and transfusion] Reuter H, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1595–7, 1976 **(Ger)**

[Autologous transfusion in the total endoprosthetic hip-joint surgery] Mayrhofer E, et al. **Wien Med Wochenschr** 126(25–27):376–8, 25 Jun 76 **(Ger)**

[Studies on the mechanical resistance of human erythrocytes under in-vitro conditions] Otto HH, et al. **Z Exp Chir** 9(5):316–24, Oct 76 (Eng. Abstr.) **(Ger)**

[Problems regarding gasometric analysis when umbilical cord blood specimens are stored (author's transl)] Schurz AR, et al. **Z Geburtshilfe Perinatol** 180(6):412–9, Dec 76 (Eng. Abstr.) **(Ger)**

[A method for treatment of partially haemolysed blood with lost agglutination properties, allowing its blood group determination (author's transl)] Michailow R. **Z Rechtsmed** 80(1):35–8, 5 Jul 77 (Eng. Abstr.) **(Ger)**

[Effect of serum storage on the determination of triglycerides and cholesterol (author's transl)] Grillo OC, et al. **Quad Sclavo Diagn** 12(1):10–4, Mar 76 (Eng. Abstr.) **(Ita)**

[Pulmonary microembolism following massive transfusion of stored blood (author's transl)] Takaori M. **Respir Circ (Tokyo)** 24(12):1059–64, Dec 76 **(Jpn)**

[Prolonged storage of erythrocytes] Nowicki P, et al. **Acta Haematol Pol** 7(4):293–302, OCT-DEC 76 (Eng. Abstr.) **(Pol)**

[Dynamics of the measured oxidative potential of preserved blood] Kuznetsova IN, et al. **Biofizika** 21(5):867–70, Sep-Oct 76 (Eng. Abstr.) **(Rus)**

[Possiblity of using immobilized urease for degradation of urea in blood plasma] Mel'nik IP, et al. **Biull Eksp Biol Med** 83(4):425–7, Apr 77 (Eng. Abstr.) **(Rus)**

[Therapy of surgical blood loss] Shifrin GA, et al. **Khirurgiia (Mosk)** (1):96–100, Jan 77 (Eng. Abstr.) **(Rus)**

[Obtaining, storage and use of test reagents for tissue typing in allogeneic transplantation and blood transfusion (methodological recommendations)] **Lab Delo** (10):630–8, 1976 **(Rus)**

[Effect of the conditions of delivering and storing biospecimens on the biochemical blood index values] Busygin DV, et al. **Nov Med Tekh** (3):27–30, 1976 (Eng. Abstr.) **(Rus)**

[Use of defrosted erythrocytes, stored after thawing at 4 degrees C for a period up to 7 days, for transfusions in the traumatological-orthopedic practice] Agafonova AI, et al. **Probl Gematol Pereliv Krovi** 21(9):19–21, 1976 **(Rus)**

[Therapeutic efficacy of defrosted erythrocyte pack in complex treatment of patients with traumatic shock and acute blood loss] Agranenko VA, et al. **Probl Gematol Pereliv Krovi** 22(6):6–11, Jun 77 (Eng. Abstr.) **(Rus)**

[Period of availability of the solvents of dried blood preparations and plasma substitutes] Bovenko VN, et al. **Probl Gematol Pereliv Krovi** 21(4):58–60, Apr 76 **(Rus)**

[Blast-cell bank designated for carrying out immunological studies and immunotherapy of leukemia] Bulycheva TI, et al. **Probl Gematol Pereliv Krovi** (2):32–5, Feb 77 (Eng. Abstr.) **(Rus)**

[Effect of the storage temperature of preserved blood on the 2,3- and ATP content in erythrocytes] Golubeva VL, et al. **Probl Gematol Pereliv Krovi** 21(12):26–30, Dec 76 **(Rus)**

[Comparative characteristics of the effect of various blood preservatives on myocardial contractility] Iarochkin VS, et al. **Probl Gematol Pereliv Krovi** 21(4):32–5, Apr 76 (Eng. Abstr.) **(Rus)**

[Recording system for refrigerated bone marrow and erythrocytes] Kholodnyĭ AIa, et al. **Probl Gematol Pereliv Krovi** 21(9):57–60, 1976 **(Rus)**

[Histograms and volumetric dimensions of erythrocytes preserved by freezing at ultralow temperature] Kholodnyĭ AIa, et al. **Probl Gematol Pereliv Krovi** 22(6):52–4, Jun 77 **(Rus)**

[Components of the fibrinolytic system in newly prepared and

preserved whole and rinsed-out cadaveric plasma] Levin GIa. **Probl Gematol Pereliv Krovi** 21(9):14–7, 1976 (Eng. Abstr.) **(Rus)**

[Effect of the preservative TsOLIPK No. 7b on the fibrinolytic activity of cadaveric plasma] Lwvin GIa. **Probl Gematol Pereliv Krovi** 21(3):33–5, Mar 76 (Eng. Abstr.) **(Rus)**

[Comparative assessment of functional properties of erythrocytes of various hemotransfusion media] Mel'nikova VN, et al. **Probl Gematol Pereliv Krovi** 22(6):11–7, Jun 77 (Eng. Abstr.) **(Rus)**

[Dynamics of formation of the fibroblast-like cells in the monolayer culture of cadaveric (postmortem) bone marrow] Moshkin SA, et al. **Probl Gematol Pereliv Krovi** 21(5):39–42, May 76 (Eng. Abstr.) **(Rus)**

[Various methods of producing new cryoprotective agents for low-temperature preservation of human blood cells] Pushkar' NS, et al. **Probl Gematol Pereliv Krovi** (2):55–6, Feb 77 **(Rus)**

[Concentration of factor VIII in cryoprecipitate] Shuruev AS. **Probl Gematol Pereliv Krovi** 22(1):60–1, Jan 77 **(Rus)**

[Choice of a method of blood transfusion in clinical practice] Epifanov NS, et al. **Sov Med** (8):52–7, Aug 75 (Eng. Abstr.) **(Rus)**

[Cryopreservation of blood cells and their use in clinical practice] Gavrilov OK. **Sov Med** (8):16–21, AUG 76 (Eng. Abstr.) **(Rus)**

[Transfusiology and present-day surgery] Petrovskii BV. **Sov Med** (8):3–8, AUG 76 **(Rus)**

[Efficacy of transfusions of defrosted washed erythrocytes in complex treatment of anemia in patients with chronich renal insufficiency] Kuchinskii IN, et al. **Urol Nefrol (Mosk)** (1):58–61, Jan-Feb 77 (Eng. Abstr.) **(Rus)**

[Scanning electron microscopy in hematology (a review of the literature)] Krymskii LD, et al. **Vestn Akad Med Nauk SSSR** (8):67–77, 1976 (49 ref.) **(Rus)**

[Transfusion of newly stored blood] Buglov ED, et al. **Vestn Khir** 117(8):96–8, Aug 76 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of changes in preserved donor and autologous blood of surgical patients during the storage] Golovin GV, et al. **Vestn Khir** 118(6):115–9, Jun 77 (Eng. Abstr.) **(Rus)**

[Postoperative anemia in lung surgery] Malakhov SF, et al. **Vestn Khir** 118(1):107–11, Jan 77 (Eng. Abstr.) **(Rus)**

[Problems of transfusion in massive accidents] Ranić V, et al. **Acta Med Iugosl** 31(2):173–8, 1977 (Eng. Abstr.) **(Scr)**

[Deplasmatized blood-cell elements obtained during the preparation of stable blood products, their viability in vitro and in vivo and their use in clinical practice] Pavlović P. **Vojnosanit Pregl** 34(1):49–51, Jan-Feb 77 **(Scr)**

[An assessment of blood storage on cpd with low-concentration adenine (author's transl)] Romero C, et al. **Sangre (Barc)** 22(4):461–7, 1977 **(Spa)**

INSTRUMENTATION

Effects of a plasticizer leached from polyvinyl chloride on the subhuman primate: a consequence of chronic transfusion therapy. Jacobson MS, et al. **J Lab Clin Med** 89(5):1066–79, May 77

Routine freezing of red blood cells for transfusion in Western Australia. Marshall LR, et al. **Pathology** 8(4):281–8, Oct 76

[Methods for demonstrating the leaching of plastic PVC containers for blood and blood derivatives] Angeloni P, et al. **Boll Chim Farm** 116(4):239–44, Apr 77 (Eng. Abstr.) **(Ita)**

[Erythrocyte preservation in liquid nitrogen vapors] Fedorova LI, et al. **Probl Gematol Pereliv Krovi** 22(3):50–2, Mar 77 **(Rus)**

METHODS

Studies on human platelets stored at 20–22 degrees C without agitation. Vainer H, et al. **Acta Haematol (Basel)** 56(3):160–73, 1976

The use of frozen, thawed erythrocytes in blood banking: a report of 28 months' experience in a large transfusion service. Telischi M, et al. **Am J Clin Pathol** 68(2):250–7, Aug 77

Factors affecting T3 and T4 proficiency testing. Hubert IL, et al. **Am J Med Technol** 43(4):329–35, Apr 77

A simple technique for long-term storage of erythrocytes for enzyme electrophoresis. VandeBerg JL, et al. **Biochem Genet** 15(3–4):213–5, Apr 77

Preparation and storage of platelet concentrates. II. Storage variables influencing platelet viability and function. Slichter SJ, et al. **Br J Haematol** 34(3):403–19, Nov 76

Plasma prorenin in normal, hypertensive, and anephric subjects and its effect on renin measurements. Sealey JE, et al. **Circ Res** 40(5 Suppl 1):I41–5, May 77

In vitro production of cyanide in normal human blood and the influence of thiocyanate and storage temperature. Ballantyne B. **Clin Toxicol** 11(2):173–93, Sep 77

Large unit red cell cryopreservation with hydroxyethyl starch. Allen ED, et al. **Cryobiology** 13(5):500–6, Oct 76

Recovery, structure, and function of dog granulocytes after freeze-preservation with dimethylsulfoxide. French JE, et al. **Cryobiology** 14(1):1–14, Feb 77

Storage of human lymphocytes by freezing in serum alone. Knight SC, et al. **Cryobiology** 14(1):112–5, Feb 77

Improved method for the cryopreservation of human red cells in liquid nitrogen with hydroxyethyl starch. Lionetti FJ, et al. **Cryobiology** 13(5):489–99, Oct 76

The role of intracellular freezing in the death of cells cooled at supraoptimal rates. Mazur P. **Cryobiology** 14(3):251–72, Jun 77 (78 ref.)

Routine technique of lymphocyte cryopreservation evaluated by in vitro tests of immune response. Thierry C, et al. **Eur J Cancer** 13(4–5):367–71, Apr-May 77

Sampling and storage of blood for pH and blood gas analysis. Haskins SC. **J Am Vet Med Assoc** 110(4):429–33, 15 Feb 77 (38 ref.)

Use of serum stored on filter paper disks in complement fixation tests for adenovirus antibody. Edwards EA. **J Clin Microbiol** 5(2):253–4, Feb 77

Prolonged maintenance of 2,3-DPG in liquid blood storage: use of an internal CO2 trap to stabilize pH. Bensinger TA, et al. **J Lab Clin Med** 89(3):498–503, Mar 77

Maintenance of low screen filtration pressure in blood stored in a new liquid medium: BAGPM. Chillar RK, et al. **J Lab Clin Med** 89(3):504–8, Mar 77

Current concepts of blood transfusion. Valeri CR. **J Oral Surg** 35(9):707–12, Sep 77

In vivo comparison of blood preservatives. Sheldon GF, et al. **J Trauma** 17(7):505–11, Jul 77

Oxygenation properties and intraerythrocytic constituents of human blood when stored in different media of ACD and CPD. Ochiai T, et al. **Jpn J Physiol** 26(4):375–84, 1976

Cryopreserving HLA-typed platelets obtained on cell separators [letter] Herve P, et al. **Lancet** 2(8027):45, 2 Jul 77

Whole blood stored in half-strength trisodium citrate [letter]. Mishler JM 4th, et al. **Lancet** 1(8003):152, 15 Jan 77

Blood preservation: using metabolic regulators and nutrients. I. Pyruvate and DHA (dihydroxyacetone). Dawson RB, et al. **Milit Med** 141(10):691–2, Oct 76

Blood storage for transfusion: XX. Rejuvenation of outdated red cells with three experimental metabolic cocktails. Dawson RB, et al. **Milit Med** 142(2):154–615, Feb 77

Routine freezing of red blood cells for transfusion in Western Australia. Marshall LR, et al. **Pathology** 8(4):281–8, Oct 76

Liquid preservation of granulocytes for transfusion. McCullough J. **Prog Clin Biol Res** 13:185–91, 1977

Cryopreservation of granulocytes. Meryman HT, et al. **Prog Clin Biol Res** 13:193–201, 1977 (30 ref.)

Cryobiology overview of red cell preservation: achievements and prospective. Valeri CR, et al. **Prog Clin Biol Res** 11:55–87, 1976 (30 ref.)

The clot: platelet transfusion. Chapman R. **Rocky Mt Med J** 74(3):146–50, May-Jun 77

The recovery of factor VIII from fresh-frozen indated and outdated human plasma. Whitman DE, et al. **Thromb Haemostas** 36(1):71–7, 31 Aug 76

Removal of HBSAg from blood in vitro. I. Effects of washing alone, glycerol addition and removal, and glycerolization, freezing, and washing. Contreras TJ, et al. **Transfusion** 16(6):594–9, Nov-Dec 76

Comparison of methods to wash liquid-stored red blood cells and red blood cells frozen with high or low concentrations of glycerol. Contreras TJ, et al. **Transfusion** 16(6):539–65, Nov-Dec 76

Blood storage XXII. Improvement in red blood cell 2,3-DPG levels at six weeks by 20 mM PO4 in CPD-adenine-inosine. Dawson RB. **Transfusion** 16(5):450–4, Sep-Oct 76

Blood preservation using metabolic regulators and nutrients: XXI. Further studies on pyruvate and DHA (dihydroxyacetone). Dawson RB. **Transfusion** 16(5):446–9, Sep-Oct 76

Blood storage XXIV: red blood cell 2,3-DPG and ATP maintenance for six weeks in CPD-adenine with higher phosphate, pyruvate, and dihydroxyacetone. Dawson RB. **Transfusion** 17(3):242–7, May-Jun 77

Blood storage XXV: Ascorbic acid (vitamin C) and dihydroxyacetone (DHA) maintenance of 2,3-DPG for six weeks in CPD-adenine. Dawson RB. **Transfusion** 17(3):248–54, May-Jun 77

Blood storage XXIII: 2,3-DPG maintenance for six weeks

in a CPD–adenine–inosine preservative with and without methylene blue. Dawson RB. **Transfusion** 17(3):238–41, May–Jun 77

An elapsed time–temperature monitor for blood storage. Harris GE, et al. **Transfusion** 17(3):282–4, May–Jun 77

Freezing and deglycerolizing sickle–trait red blood cells. Meryman HT, et al. **Transfusion** 16(6):627–32, Nov–Dec 76

CPD–adenine as a blood preservative––studies in vitro and in vivo. Messeter L, et al. **Transfusion** 17(3):210–7, May–Jun 77

Decreased accumulation of phthalate plasticizer during storage of blood as packed cells. Miripol JE, et al. **Transfusion** 17(1):71–3, Jan–Feb 77

A simple method for the cryopreservation of human lymphocytes at –80C. Simon JD, et al. **Transfusion** 17(1):23–8, Jan–Feb 77

The in vivo survival of red blood cells stored in modified CPD with adenine: report of a multi–institutional cooperative effort. Zuck TF, et al. **Transfusion** 17(4):374–82, Jul–Aug 77

[Value of using cell concentrates, preserved by freezing, during extracorporeal circulation] Mannoni P, et al. **Ann Anesthesiol Fr** 17(12):1328–32, 1976 (Eng. Abstr.) **(Fre)**

[Methods of sampling and preservation of blood used during extracorporeal circulation] Vittoz P, et al. **Ann Anesthesiol Fr** 17(12):1317–27, 1976 (Eng. Abstr.) **(Fre)**

[Preparation and cyropreservation of myeloblastic cells for vaccination] Ehrsam A, et al. **Nouv Rev Fr Hematol Blood Cells** 18(1):263–4, 1977 **(Fre)**

[Morphological and functional aspects of blood platelets preserved in DMSO at –180 degrees C] Patrone F, et al. **Riv Emoter Immunoematol** 23(1–2):45–50, 1976 (Eng. Abstr.) **(Ita)**

[Hemodynamic shifts following heart surgery using blood prepared with different preservatives] Danilenko MV, et al. **Klin Khir** 10:24–30, Oct 76 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of packed red cells and whole blood prepared with different blood preservatives] Agranenko VA, et al. **Probl Gematol Pereliv Krovi** 21(8):37–42, Aug 76 **(Rus)**

[Cryopreservation of erythrocytic mass restored after long–term storage] Agranenko VA, et al. **Probl Gematol Pereliv Krovi** 22(5):45–50, May 77 (Eng. Abstr.) **(Rus)**

[Effect of cryopreservation on lowering the risk of posttransfusional complications related to the transfer of viral hepatitis and bacterial blood contamination] Agranenko VA, et al. **Probl Gematol Pereliv Krovi** 22(7):36–9, Jul 77 (Eng. Abstr.) **(Rus)**

[Expediency of eliminating levomycetin from solutions for blood preservation] Aranenko VA, et al. **Probl Gematol Pereliv Krovi** 21(8):49–54, Aug 76 (Eng. Abstr.) **(Rus)**

[Study of the possibility of using cellulose phosphate borate for blood stabilization] Dovgalev SI, et al. **Probl Gematol Pereliv Krovi** 21(12):42–3, Dec 76 **(Rus)**

[Erythrocyte preservation in liquid nitrogen vapors] Fedorova LI, et al. **Probl Gematol Pereliv Krovi** 22(3):50–2, Mar 77 **(Rus)**

[Cryopreservation of erythrocytes at moderately low temperature (–40 degrees)] Glants RM, et al. **Probl Gematol Pereliv Krovi** (2):27–9, Feb 77 **(Rus)**

[Use of defrosted erythrocytes in hematologic diseases] Kartashevakiĭ NG, et al. **Probl Gematol Pereliv Krovi** (2):10–2, Feb 77 **(Rus)**

[Autologous blood transfusion in surgery (review of the literature)] Klimanskiĭ VA, et al. **Probl Gematol Pereliv Krovi** 22(5):54–8, May 77 (70 ref.) **(Rus)**

[Use of defrosted erythrocytes in clinical practice] Makhatadze IK. **Probl Gematol Pereliv Krovi** (2):59–60, Feb 77 **(Rus)**

[Erythrocyte preservation with different rate of freezing using various cryoprotectors] Nedel'skiĭ GT, et al. **Probl Gematol Pereliv Krovi** 22(6):17–9, Jun 77 (Eng. Abstr.) **(Rus)**

[Cryopreservation of erythrocytes for clinical use] Ryzhkov SV, et al. **Probl Gematol Pereliv Krovi** (2):19–22, Feb 77 (Eng. Abstr.) **(Rus)**

[Cryopreservation of erythrocytes and myelokaryocytes] Shestakov NV, et al. **Probl Gematol Pereliv Krovi** (2):12–6, Feb 77 (Eng. Abstr.) **(Rus)**

[Antihemophilic activity of donor blood] Shuruev AS. **Probl Gematol Pereliv Krovi** 21(9):45–6, 1976 **(Rus)**

[Functional state of erythrocytes frozen with polyvinylpyrrolidone and their clinical uses] Terekhov NT, et al. **Probl Gematol Pereliv Krovi** (2):16–9, Feb 77 (Eng. Abstr.) **(Rus)**

[Use of dimethylacetamide as a cryoprotective agent in granulocyte freezing] Troshina VM, et al. **Probl Gematol Pereliv Krovi** 22(5):50–3, May 77 (Eng. Abstr.) **(Rus)**

[Theoretical problems of blood cell cryopreservation] Vinograd–Finkel' FR, et al. **Probl Gematol Pereliv Krovi** (2):3–9, Feb 77 (Eng. Abstr.) **(Rus)**

[Method of restoration (rejuvenation) of preserved erythrocytes stored over the maximum period of time] Agranenko VA, et al. **Sov Med** (8):66–9, AUG 76 (Eng. Abstr.) **(Rus)**

[Choice of an effective resuspending solution for thawed washed erythrocytes from cadaver blood] Vinograd–Finkel' FR, et al. **Voen Med Zh** (10):42–6, Oct 76 **(Rus)**

[Leucocyte–rich fraction obtained by dextran at low pH (author's transl)] Beltrán Hernández J, et al. **Sangre (Barc)** 21(3):529–33, 1976 (Eng. Abstr.) **(Spa)**

[Platelet osmotic shock. I. Assessment and ultrastructural changes (author's transl)] García–Conde J, et al. **Sangre (Barc)** 22(3):313–23, 1977 (Eng. Abstr.) **(Spa)**

STANDARDS

Effects of specimen evaporation on quality control. Glenn GC, et al. **Am J Clin Pathol** 66(4):645–52, Oct 76

Assessment of the serum separator tube as an intermediate storage device within the laboratory. Laessig RH, et al. **Am J Clin Pathol** 66(4):653–7, Oct 76

Optimal blood ordering for elective surgery. Henry JB, et al. **JAMA** 237(5):451, 31 Jan 77

Reconstituted dried human plasma [letter]. Fick GC. **S Afr Med J** 51(12):367, 19 Mar 77

Long distance transport of frozen red blood cells for transfusion [letter]. Anderson J, et al. **Transfusion** 17(3):290, May–Jun 77

Blood storage XXIII: 2,3–DPG maintenance for six weeks in a CPD–adenine–inosine preservative with and without methylene blue. Dawson RB. **Transfusion** 17(3):238–41, May–Jun 77

Blood storage XXIV: red blood cell 2,3–DPG and ATP maintenance for six weeks in CPD–adenine with higher phosphate, pyruvate, and dihydroxyacetone. Dawson RB. **Transfusion** 17(3):242–7, May–Jun 77

A rapid method for determining the sterility of frozen–reconstituted blood. Myhre BA, et al. **Transfusion** 17(3):195–202, May–Jun 77

Platelet transfusion survey in a regional blood program. Silva VA, et al. **Transfusion** 17(3):255–60, May–Jun 77

Contributions to the optimal use of human blood. VIII. Stability of blood coagulation factor VII during collection and storage of whole blood and plasma. Vermeer C, et al. **Vox Sang** 31(1 SUPPL):55–67, 1976

[The morphological and functional integrity of cryo–preserved leukocytes] Truog P, et al. **Schweiz Med Wochenschr** 106(22):765–8, 29 May 76 (Eng. Abstr.) **(Ger)**

VETERINARY

Sampling and storage of blood for pH and blood gas analysis. Haskins SC. **J Am Vet Med Assoc** 110(4):429–33, 15 Feb 77 (38 ref.)

BLOOD VISCOSITY

Critical closing pressure or yield shear stress as the cause of disturbed peripheral circulation? Schmid–Schönbein H. **Acta Chir Scand [Suppl]** (465):10–9, 1976

Oxygen transport on Mount Everest: the effects of increased hematocrit on maximal O2 transport. Cerretelli P. **Adv Exp Med Biol** 75:113–9, 1976

Platelet and coagulation function in relation to thromboembolic stroke. Barnett HJ. **Adv Neurol** 16:45–70, 1977 (57 ref.)

Hyperviscosity syndrome in a patient with systemic lupus erythematosus. Fukasawa T, et al. **Am J Med Sci** 273(3):329–34, May–Jun 77

Effect of hematocrit variations on coronary hemodynamics and oxygen utilization. Jan KM, et al. **Am J Physiol** 233(1):H106–13, Jul 77

Acute isovolemic anemia in anesthetized chickens. Nightingale TE. **Am J Physiol** 231(5 Pt. 1):1451–6, Nov 76

The hypotensive effect of fresh lympholised plasma. Kaye SE. **Anaesth Intensive Care** 4(3):196–8, Aug 76

Flow through venous cannulae. Selwyn A, et al. **Anaesth Intensive Care** 5(2):157–60, May 77

Measurements of the apparent interfacial viscosity of the red blood cell. Chun PW, et al. **Anal Biochem** 76(2):648–53, Dec 76

Hemorheological factors in Raynaud's phenomenon. Dintenfass L. **Angiology** 28(7):472–81, Jul 77

Osmolality changes during hemodialysis. Natural history, clinical correlations, and influence of dialysate glucose and intravenous mannitol. Rodrigo F, et al. **Ann Intern Med** 86(5):554–61, May 77

Dynamic adhesion of erythrocytes to glass. Comparative study of the influence of serum in low concentrations. Kowalczyńska HM. **Arch Immunol Ther Exp (Warsz)** 25(3):397–408, 1977

The effect of hemodilution on regional myocardial function in the presence of coronary stenosis. Hagl S, et al. **Basic Res Cardiol** 72(4):344–64, Jul–Aug 77

Body fluid and hematological changes in a poikilothermic animal on cold exposure: some physical changes. Biswas A. **Biorheology** 13(6):385–7, Dec 76

Erythrocyte sedimentation of human blood at varying shear rates. Copley AL, et al. **Biorheology** 13(5):281–6, Nov 76

An interpretation of low strain rate blood viscosity measurements: a continuum approach. Deutsch S, et al. **Biorheology** 13(5):297–307, Nov 76

Theory of non-Newtonian viscosity of blood at low shear rate--effect of rouleaux. Murata T. **Biorheology** 13(5):287–96, Nov 76

The erythrocyte sedimentation curve: a semi-empirical approach. Puccini C, et al. **Biorheology** 14(1):43–9, 77

Effect of erythrocytic deformability upon turbulent blood flow. Sabbah HN, et al. **Biorheology** 13(5):309–314, Nov 76

Some hemorheological and hematological parameters in heterozygous beta-thalassemia. Stasiw DM, et al. **Biorheology** 14(1):1–10, 77

Blood sedimentation at controlled shear rates. Vincent NM, et al. **Biorheology** 14(1):51–8, 77

Blood volume in monoclonal gammopathy. Alexanian R. **Blood** 49(2):301–7, Feb 77

Blood viscosity in Waldenström macroglobulinemia. MacKenzie MR, et al. **Blood** 49(4):507–10, Apr 77

Plasma and whole blood viscosity. Phillips MJ, et al. **Br J Haematol** 34(3):347–52, Nov 76

Pathogenesis of diabetic microangiopathy [editorial] **Br Med J** 1(6076):1555–6, 18 Jun 77

Oscillatory flow in thin-walled curved elastic tubes--summary. Vayo HW, et al. **Bull Math Biol** 39(2):245–8, 1977

Occlusion of the central retinal vein: revealing symptom of intraocular pressure-rise. Neetens A, et al. **Bull Soc Belge Ophtalmol** 173:715–24, 1976

Plasma exchange in the long-term management of Waldenström's macroglobulinemia. Buskard NA, et al. **Can Med Assoc J** 117(2):135–7, 23 Jul 77

Flow-induced trauma to blood cells. Sutera SP. **Circ Res** 41(1):2–8, Jul 77 (47 ref.)

Hemodynamics of arterial stenoses at elevated flow rates. Young DF, et al. **Circ Res** 41(1):99–107, Jul 77

Myelomatosis. Rowan RM. **Compr Ther** 3(2):37–49, Feb 77

Plasma protein changes, blood viscosity, and diabetic microangiopathy. McMillan DE. **Diabetes** 25(2 SUPPL):858–64, 1976

Red-cell aggregation and red-cell deformability in diabetes. Schmid-Schönbein H, et al. **Diabetes** 25(2 SUPPL):897–902, 1976

Arwin in peripheral arterial circulatory disorders: controlled multicentre trials. Wolf GK. **Eur J Clin Pharmacol** 09(5–6):387–92, 22 Mar 76

Correlations between radioiodine uptake and blood viscosity factors in hypothyroid and hyperthyroid states. Dintenfass L. **Haemostasis** 5(4):211–7, 1976

Treatment of thrombosis by sequential therapy with ancrod followed by streptokinase. Clinical pharmacology and rheology. Forbes CD, et al. **Haemostasis** 5(6):348–54, 1976

Pathophysiologic significance of abnormalities of red cell shape. pp. 1–17. La Celle PL, et al.
In: Bolis L, et al., ed. Membranes and disease. New York, Raven Press, 1976. W3 IN169J 1975m. (30 ref.)

Operational conditions underlying the design of membrane oxygenators. pp. 7–12. Melrose DG.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Correlation of effects of blood flow rate, viscosity and design features on artificial lung performance. pp. 29–44. Richardson PD, et al.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Blood rheology in sickle cell disease. pp. 277–303. Chien S, et al.
In: Hercules JI, et al., ed. Proceedings of the symposium on molecular and cellular aspects of sickle cell disease. Bethesda, NIH, 1976. WH 170 S987p 1975. (35 ref.)

Studies on the viscosity of sickle hemoglobin: evidence for an intermediate phase in gelation. pp. 133–43. Goldberg M, et al.
In: Hercules JI, et al., ed. Proceedings of the symposium on molecular and cellular aspects of sickle cell disease. Bethesda, NIH, 1976. WH 170 S987p 1975.

Mechanics of pulsatile flows of relevance to the cardiovascular system. pp. 541–632. Fazle Hussain AK.
In: Hwang NH, Normann NA, ed. Cardiovascular flow dynamics and measurements. Baltimore, Univ Park Press, 1977. WG 106 N111c 1975.

Mechanics of pulmonary circulation. pp. 665–730. Fung YC, et al.
In: Hwang NH, Normann NA, ed. Cardiovascular flow dynamics and measurements. Baltimore, Univ Park Press, 1977. WG 106 N111c 1975.

Influence of essential phospholipids on the flow properties of the blood. pp. 228–36. Ehrly AM, et al.
In: Peeters H, ed. Phosphatidylcholine. Berlin, Springer, 1976. QU 93 P575 1975.

The treatment of arterial and venous circulatory disturbances with EPL. pp. 237–43. Klemm J.
In: Peeters H, ed. Phosphatidylcholine. Berlin, Springer, 1976. QU 93 P575 1975.

Hyperviscosity and necrotizing enterocolitis in the small-for-gestational-age infant. pp. 99–105. Hakanson DO, et al.
In: Stern L, et al., ed. Intensive care in the newborn. New York, Masson, 1976. WS 420 I601 1975.

Microrheology of erythrocytes, blood viscosity, and the distribution of blood flow in the microcirculation. Schmid-Schönbein H. **Int Rev Physiol** 9:1–62, 1976

Hematocrit, viscosity and blood flow velocity in men and women. Itzchak Y, et al. **Isr J Med Sci** 13(1):80–2, Jan 77

Hyperviscosity syndrome associated with lymphocytic leukemia in three dogs. MacEwen EG, et al. **J Am Vet Med Assoc** 170(11):1309–12, 1 Jun 77

Effect of osmolality on red blood cell viscosity and transit through the lung. Effros RM, et al. **J Appl Physiol** 42(6):941–5, Jun 77

Hematology, viscosity, and respiratory functions of whole blood of the lesser mouse deer, Tragulus javanicus. Snyder GK, et al. **J Appl Physiol** 42(5):673–8, May 77

Hemodynamics of the lesser mouse deer, Tragulus javanicus. Weathers WW, et al. **J Appl Physiol** 42(5):679–81, May 77

Examination of elastic non-uniformity in the arterial system using a hydraulic model. Langille BL, et al. **J Biomech** 9(12):755–61, 1976

Paraproteinemia: blood hyperviscosity and clinical manifestations. McGrath MA, et al. **J Clin Invest** 58(5):1155–62, Nov 76

A comparison of the erythrocyte sedimentation rate and plasma viscosity in detecting changes in plasma proteins. Hutchinson RM, et al. **J Clin Pathol** 30(4):345–9, Apr 77

Hyperfibrinogenaemia and hyperviscosity in sickle-cell crisis. Richardson SG, et al. **J Clin Pathol** 29(10):890–3, Oct 76

The influence of experimentally induced anemia on the patency of microvascular anastomoses. Buchler U, et al. **J Hand Surg** 2(1):29–30, Jan 77

Sickle cell anemia--the disease and current directions in research. Woodburn RT. **J Indiana State Med Assoc** 70(1):18–20, Jan 77

Properties of IgA myeloma proteins isolated rom sera of patients with the hyperviscosity syndrome. Mestecky J, et al. **J Lab Clin Med** 89(5):919–27, May 77

A clinical capillary blood viscometer. Abel EW, et al. **J Med Eng Technol** 1(1):42–4, Jan 77

Mononeuritis multiplex in a patient with macroglobulinaemia. Fraser DM, et al. **J Neurol Neurosurg Psychiatry** 39(7):711–5, Jul 76

Cryoimmunoglobulin IgGk with microtubular ultrastructure associated with pyoderma gangrenosum. White JC, et al. **J Pathol** 120(1):25–33, Sep 76

Neonatal thyrotoxicosis associated with the hyperviscosity syndrome. Bussmann YL, et al. **J Pediatr** 90(2):266–8, Feb 77

Necrotizing enterocolitis and hyperviscosity in the newborn infant. Hakanson DO, et al. **J Pediatr** 90(3):458–61, Mar 77

Evaluation of an electronic device for gingival fluid quantitation. Suppipat N, et al. **J Periodontol** 48(7):388–94, Jul 77

Quantitative change of serum protein and immunoglobulin in patients with solid cancers. Lee YT. **J Surg Oncol**

9(2):179–87, 1977

Changes in blood viscosity and plasma proteins in carcinoma. Tietjen GW, et al. **J Surg Oncol** 9(1):53–9, 1977

Flow improvement after defibrinogenation. Gustafsson L, et al. **J Surg Res** 22(2):113–7, Feb 77

A theoretical evaluation of cardiac output as a function of mean arterial pressure in the human cardiovascular system. Miller CE, et al. **J Theor Biol** 63(1):89–98, Nov 76

Gamma A myeloma with hyperviscosity and obstructive uropathy. Roth RM, et al. **J Urol** 117(4):527–9, Apr 77

Sex determinants in heart disease [editorial]. Vaisrub S. **JAMA** 237(5):477, 31 Jan 77

Cerebral blood-flow in polycythaemia. Thomas DJ, et al. **Lancet** 2(8030):161–3, 23 Jul 77

Measurement of blood viscosity using a conicylindrical viscometer. Walker A, et al. **Med Biol Eng** 14(5):551–7, Sep 76

Systemic complications of rheumatoid arthritis. Hollingsworth JW, et al. **Med Clin North Am** 61(2):217–28, Mar 77 (52 ref.)

A mathematical model of transient adjustments during renal autoregulation. Hutchins PM, et al. **Med Res Eng** 12(4):12–5, Feb 77

Flow in tapering and cylindrical vessels. Walawender WP, et al. **Microvasc Res** 12(1):1–12, Jul 76

The physiology of the cerebral circulation. Purves MJ. **Monogr Physiol Soc** (28):1–414, 1972

Renal failure in malaria: a pathophysiologic study. Sitprija V, et al. **Nephron** 18(5):277–87, 1977

Red cells adhering to a glass surface: deformation in a well-defined fluid shear field. Mohandas N. **Nouv Rev Fr Hematol** 16(3):357–62, 1976

Anterior segment ischemia and sector iris atrophy: after strabismus surgery in a patient with chronic lymphocytic leukemia. Jacobs DS, et al. **Ophthalmic Surg** 7(4):42–8, Winter 76

Flow behaviour of blood cells and rigid spheres in an annular vortex. Karino T, et al. **Philos Trans R Soc Lond [Biol]** 279(967):413–45, 10 Jun 77

Unusual presentations of multiple myeloma. Doll DC, et al. **Postgrad Med** 61(5):116–21, May 77

Conductimetric investigation of erythrocyte behaviour during shear flow of concentrated suspensions through a large tube. Dellimore JW. **Proc R Soc Lond [Biol]** 193(1113):359–85, 30 Jun 76

Thick blood syndrome. Wesenberg RL, et al. **Radiology** 125(1):181–3, Oct 77

Critical closing pressure in the fetal vessel of the human placenta in vitro. II. Compared effects of a beta adrenergic substance, Salbutamol, on the critical closing pressure and vascular resistance. Benedetti WL, et al. **Reproduccion** 3(1–2):107–12, Jan–Jun 76 (Eng. Abstr.)

Changes in blood viscosity and plasma proteins in myocardial infarction. Bondoli A, et al. **Resuscitation** 5(3):175–81, 1976–77

Viscosity and perfusion. Baker LW. **S Afr Med J** 50(42):1689–90, Oct 76

Failure of prolonged hypocapnia, hypothermia, or hypertension to favorably alter acute stroke in primates. Michenfelder JD, et al. **Stroke** 8(1):87–91, Jan–Feb 77

Hemorrhagic diathesis in Weber–Christian disease. Mori K, et al. **Tohuku J Exp Med** 118 Suppl:227–43, 1976

Hyperviscosity retinopathy. A scientific approach to therapy. Grindle CF, et al. **Trans Ophthalmol Soc UK** 96(2):216–9, Jul 76

Diagnosis and management of monoclonal gammopathies. MacEwen EG, et al. **Vet Clin North Am** 7(1):119–32, Feb 77

What is the significance of 'blood sludge' today -- cause or effect of disease? Bergentz SE. **Vox Sang** 32(4):250–6, 1977

Increased whole blood viscosity on cooling in a patient with cold hemoagglutinin disease. Girolami A, et al. **Vox Sang** 31(1 SUPPL):1–8, 1976

Intensive plasmapheresis as a risk factor for arteriosclerotic cardiovascular disease? Lundsgaard-Hansen P. **Vox Sang** 33(1):1–4, Jul 77

Physical and chemical changes of ACD-preserved blood: a comparison of blood in glass bottles and plastic bags. Sasakawa S, et al. **Vox Sang** 31?–73(3):199–210, 1976

[Relationship between the measurement and computation of serum osmolarity] Kazda A, et al. **Vnitr Lek** 23(6):609–15, Jun 77 (Eng. Abstr.) **(Cze)**

[Hyperviscosity syndrome in plasma cell dyscrasias] Somer T. **Duodecim** 93(9):586–603, 1977 (Eng. Abstr.) **(Fin)**

[Replacement therapy using macromolecules: general hemodynamic effects] Conseiller C, et al. **Anesth Analg (Paris)** 3(4):633–46, Jul–Aug 76 **(Fre)**

[Physico-chemical properties of dextran] Hint H. **Anesth Analg (Paris)** 3(4):487–93, Jul–Aug 76 **(Fre)**

[Effect of perfusion of low molecular-weight dextran on blood output and cerebral metabolism] Lazorthes Y, et al. **Anesth Analg (Paris)** 3(4):647–52, Jul–Aug 76 **(Fre)**

[Effect of hemodilution on the rheologic properties of blood and oxygenation of tissues] Messmer K. **Anesth Analg (Paris)** 3(4):509–20, Jul–Aug 76 **(Fre)**

[Macromolecules and hemorhealogy] Stoltz JF, et al. **Anesth Analg (Paris)** 3(4):553–72, Jul–Aug 76 **(Fre)**

[Flow–pressure relationship and the concept of resistance. Blood viscosity changes and fall of blood pressure caused by extracorporeal circulation] Vadot M. **Ann Anesthesiol Fr** 17(12):1357–61, 1976 **(Fre)**

[The Fahraeus and Fahraeus–Lindqvist effects: experimental testing of theoretical models] Azelvandre F, et al. **Biorheology** 13(6):325–35, Dec 76 (Eng. Abstr.) **(Fre)**

[An index of erythrocyte rigidity deduced from viscosimetry] Quemada D. **C R Acad Sci [D] (Paris)** 283(8):991–4, 11 Oct 76 (Eng. Abstr.) **(Fre)**

[Shearing stress and rate associated with the destruction of erythrocyte aggregates: a viscosimetric approach] Quemada D. **C R Acad Sci [D] (Paris)** 283(1):119–22, 5 Jul 76**(Fre)**

[Digital necroses of the upper limb. 86 cases] Vayssairat M, et al. **Nouv Presse Med** 6(11):931–4, 19 Mar 77 (Eng. Abstr.) **(Fre)**

[Analogs and models of systemic arterial circulation] Thiry PS, et al. **Rev Can Biol** 35(4):217–38, Dec 76 (Eng. Abstr.) **(Fre)**

[The rheologic importance of erythrocyte deformability] Leblond PF. **Union Med Can** 105(2):177–85, Feb 76 (Eng. Abstr.) **(Fre)**

[Temperature dependence of the sedimentation velocity of human erythrocytes] Beutel U. **Acta Biol Med Ger** 35(10):1393–7, 1976 (Eng. Abstr.) **(Ger)**

[Possibilities of controlling blood less in liver resection] Grundmann R, et al. **Chirurg** 48(4):232–7, Apr 77 (Eng. Abstr.) **(Ger)**

[Methodical investigations concerning the measurement of red cell deformability dependent on plasma viscosity, plasma proteins, hematokrit, filtration pressure as well as osmolarity (author's transl)] Leonhardt H, et al. **Experientia** 33(2):179–81, 15 Feb 77 (Eng. Abstr.) **(Ger)**

[Diabetes mellitus and microcirculation. Significance of diabetic angiopathy for the prognosis and course of diabetes mellitus, possibilities and bases of angiologic therapy] Semler P, et al. **Fortschr Med** 94(7):354–7, 4 Mar 76 (Eng. Abstr.) **(Ger)**

[A rheological study on plasma lipoproteins (author's transl)] Schurz J, et al. **Hoppe Seylers Z Physiol Chem** 358(3):513–20, Apr 77 (Eng. Abstr.) **(Ger)**

[Basis for acute preoperative hemodilution and autotransfusion] Messmer K. **Klin Anaesthesiol Intensivther** 9:1–9, 1975 **(Ger)**

[Clinical experiences with the hemodilution] Peter K, et al. **Klin Anaesthesiol Intensivther** 9:10–6, 1975 **(Ger)**

[Whole blood- and plasma viscosity in the presence of coronary risk factors. Investigations concerning the characteristics of blood flow and viscosity-effective plasma components in patients with coronary risk factors and risk factor combinations (author's transl)] Leonhardt H, et al. **Klin Wochenschr** 55(10):481–7, 15 May 77 (Eng. Abstr.) **(Ger)**

[Favourable erythrocyte rheology in patients with glucose-6-phosphate dehydrogenase deficiency (author's transl)] Tillman W, et al. **Klin Wochenschr** 55(8):385–91, 15 Apr 77 (Eng. Abstr.) **(Ger)**

[Viscosity of blood and sensorineural hearing loss (author's transl)] Schulz CE, et al. **Laryngol Rhinol Otol (Stuttg)** 56(4):328–34, Apr 77 (Eng. Abstr.) **(Ger)**

[Septic shock in the uroseptic patient. I. General and specific pathomechanisms of the septic shock (author's transl)] Schilling A, et al. **Urologe [A]** 16(4):238–40, Jul 77 (Eng. Abstr.) **(Ger)**

[Microrheologic behavior of plasma cell dyscrasia] Volger E, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1616–9, 1976 **(Ger)**

[Clinical significance of serum viscoelasticity in stenoses, artificial heart valves and in microcirculation disorders] Chmiel H, et al. **Verh Dtsch Ges Kreislaufforsch** 42:376–9, 1976 **(Ger)**

[Continuous precision measurements of arterial blood density] Kenner T, et al. **Wien Med Wochenschr** 127(1):19–21, 1977 **(Ger)**

[Experimental questions about parenteral nutrition] Seifart W. **Z Exp Chir** 9(6):326–40, 1976 (Eng. Abstr.) **(Ger)**

[Epidermiology and associated risk factors of hyperlipoproteinemia] Haller H. **Z Gesamte Inn Med** 32(8):124–8, 15 Apr 77 (Eng. Abstr.) **(Ger)**

[Influence of the concentration and protein-corpuscle interaction on viscosity] Cortinovis A, et al.

Arch E Maragliano Patol Clin 31(1):13–45, Jan–Jun 75 (Eng. Abstr.) **(Ita)**

[Changes in the lung liporegulating function in subjects with chronic pulmonary emphysema] De Pisi C, et al. **Boll Soc Ital Biol Sper** 52(14):1032–5, 30 Jul 76 **(Ita)**

[Hematic and plasmatic viscosity in cyanotic congenital heart diseases (author's transl)] Brunetti A, et al. **G Ital Cardiol** 7(3):221–32, 1977 (Eng. Abstr.) **(Ita)**

[S-adenosylmethionine as a regulator of protein synthesis. Influence on plasmatic fibrinogen] Frezza M, et al. **Minerva Med** 68(17):1105–14, 7 Apr 77 (Eng. Abstr.)**(Ita)**

[Rheology in coronary circulation (author's transl)] Shigehiro S. **Respir Circ (Tokyo)** 24(10):849–54, Oct 76 **(Jpn)**

[Pathogenesis of vascular changes in diabetes] Hanzlik J, et al. **Kardiol Pol** 29(6):515–20, 1976 (45 ref.) **(Pol)**

[Blood serum viscosity in healthy children] Zinkiewicz Z. **Pediatr Pol** 51(9):1059–64, 1976 (Eng. Abstr.) **(Pol)**

[Blood serum viscosity in renal diseases in children] Zinkiewicz Z. **Pediatr Pol** 51(9):1065–71, 1976 (Eng. Abstr.) **(Pol)**

[Waldenstrom's macroglobulinemia] Sroczyński J, et al. **Pol Arch Med Wewn** 58(1):73–6, Jul 77 (Eng. Abstr.) **(Pol)**

[Extraveasular blood cooling in extracorporeal circulation with extrapulmonary respiration using the lung–heart apparatus] Antoszewski Z. **Pol Przegl Chir** 49(6):640–4, Jun 77 **(Pol)**

[Brain edema as a complication of diabetic ketoacidosis] Dudziński W. **Pol Tyg Lek** 31(51):2201–3, 20 Dec 76 **(Pol)**

[Plasma viscosity and thrombelastogram and some blood clotting factors in patients with atherosclerosis] Turczynski B, et al. **Pol Tyg Lek** 31(35):1509–12, 30 Aug 76 (Eng. Abstr.) **(Pol)**

[Plasma viscosity in atherosclerotic patients] Turczyński B, et al. **Pol Tyg Lek** 31(33):1423–5, 16 Aug 76 (Eng. Abstr.) **(Pol)**

[Changes in viscosity of reduced serum in patients with atherosclerosis] Turczyński B, et al. **Pol Tyg Lek** 31(43):1829–32, 25 OCT 76 (Eng. Abstr.) **(Pol)**

[A hydrodynamic property of human blood plasma] Grigorian SS, et al. **Dokl Akad Nauk SSSR** 231(2):307–8, 1976**(Rus)**

[Effect of drugs on the erythrocytic component of hemostasis (literature survey)] Lakin KM, et al. **Farmakol Toksikol** 39(3):358–67, May–Jun 76 (191 ref.) **(Rus)**

[Blood viscosity in ischemic heart disease with different types of hyperlipoproteinemia] Dudaev VA, et al. **Kardiologiia** 17(6):79–82, Jun 77 (Eng. Abstr.) **(Rus)**

[Role of hemostasis and rheographic properties of blood in pathogenesis of ischemic heart disease] Liusov VA, et al. **Kardiologiia** 17(5):8–13, May 77 **(Rus)**

[Study of blood viscosity for evaluation of peripheral circulation in ischemic heart disease] Malysheva AA, et al. **Kardiologiia** 17(5):36–40, May 77 (Eng. Abstr.) **(Rus)**

[Use of the bicycle ergometric test as a method of identifying functional cardiac insufficiency in ischemic heart disease] Matusova AP, et al. **Kardiologiia** 16(8):111–7, Aug 76 (Eng. Abstr.) **(Rus)**

[Rheographic properties of blood in acute myocardial infarct and cardiosclerosis] Radzivil GG, et al. **Kardiologiia** 17(5):18–24, May 77 (Eng. Abstr.) **(Rus)**

[Rheologic properties of blood in patients with complicated and uncomplicated course of acute myocardial infarct] Razumov VB, et al. **Kardiologiia** 16(4):53–8, Apr 76 (Eng. Abstr.) **(Rus)**

[Change in rheographic properties of blood in congestive circulatory insufficiency treated with diuretics] Savenkov MP. **Kardiologiia** 17(5):52–7, May 77 (Eng. Abstr.) **(Rus)**

[Viscosity of blood, plasma and serum, in the vessels of the lesser and greater circulation in rheumatic mitral heart defect] Solov'ev GM, et al. **Kardiologiia** 16(6):97–101, Jun 76 (Eng. Abstr.) **(Rus)**

[Study of the rheographic properties of blood in current clinical practice] Solov'ev GM. **Kardiologiia** 17(5):5–7, May 77 **(Rus)**

[State of the body's oxygen supply in burn patients and some ways to correct hypoxia] Berezovskii VA, et al. **Klin Khir** (12):36–40, Dec 76 (Eng. Abstr.) **(Rus)**

[Microcirculation in patients with lung cancer] Shoĭkhet IaN. **Vopr Onkol** 23(4):18–21, 1977 (Eng. Abstr.) **(Rus)**

[Hemodynamics of varicose veins] Kružić Z, et al. **Acta Chir Iugosl** 24(1 Suppl):391–5, 1977 **(Scr)**

[Serological and clinical aspects of mass transfusion] Glaser E. **Bilt Hematol Transfuz** 4(3):47–51, 1976 (Eng. Abstr.) **(Scr)**

[Comparative study of blood viscosity, thromboelastogram and platelet aggregation in normal subjects and chronic bronchitis patients with secondary polyglobulin] de la Vega Vázquez JM, et al. **Rev Clin Esp** 142(3):223–6, 15 Aug 76 (Eng. Abstr.) **(Spa)**

[Platelet osmotic shock. I. Assessment and ultrastructural changes (author's transl)] García-Conde J, et al. **Sangre (Barc)** 22(3):313–23, 1977 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Pharmacological properties of suloctidil. Roba J, et al. **Acta Clin Belg** 32(1):3–7, 1977 (13 ref.)

Prostaglandin E2–hemoglobin AA and SS erythrocyte interaction (prostaglandin–erythrocyte interaction). Sobota JT, et al. **Am J Hematol** 2(2):133–43, 1977

The importance of plasma fibrinogen in vascular surgery. Postlethwaite JC. **Ann R Coll Surg Engl** 58(6):457–64, Nov 76

Polymyalgia rheumatica. Abrupt and gradual withdrawal of prednisolone treatment, clinical and laboratory observations. Esselinckx W, et al. **Ann Rheum Dis** 36(3):219–24, Jun 77

The effect of an infusion of low molecular weight dextran on peripheral resistance in patients with arteriosclerosis. Humphreys WV, et al. **Br J Surg** 63(9):691–3, Sep 76

A report on the use of Arvin in patients with pre-gangrene of the lower limb. Humphreys WV, et al. **Br J Surg** 64(1):31–3, Jan 77

Raynaud's disease and oral contraceptives [letter]. Jarrett PE. **Br Med J** 2(6037):699, 18 Sep 76

Rheological changes in the blood of patients with chronic arterial occlusive disease after the administration of vasoactive drugs. Störmer B, et al. **Curr Med Res Opin** 4(8):588–95, 1977

Regulatory action of phenylbenzo-gamma-pyrone (PBP) derivatives on blood constituents affecting rheology in patients with coronary heart disease (CHD). Robbins RC. **Int J Vitam Nutr Res** 46(3):338–47, 1976

Effects of methylprednisolone on the physical properties of the human red cell. Rand PW, et al. **J Lab Clin Med** 89(6):1241–50, Jun 77

Treatment of severe intermittent claudication by controlled defibrination. Dormandy JA, et al. **Lancet** 1(8012):625–6, 19 Mar 77

Effect of low-dose subcutaneous heparin on whole-blood viscosity [letter]. Girolami A, et al. **Lancet** 2(7991):909, 23 Oct 76

Chemorheological studies of the effect of heparin on the course of coagulation. Overholser KA, et al. **Thromb Haemostas** 35(2):447–59, 30 Apr 76

[Technics, value and limitations of hemodilution in extracorporeal circulation] Grondin P, et al. **Ann Anesthesiol Fr** 17(12):1333–42, 1976 (Eng. Abstr.) **(Fre)**

[Treatment of obstruction of retinal vessels (author's transl)] Babel J. **Klin Monatsbl Augenheilkd** 170(2):211–9, Feb 77 (Eng. Abstr.) **(Fre)**

[Medical treatment in Menière's disease (author's transl)] Stupp H. **Arch Otorhinolaryngol (NY)** 212(4):375–84, 16 Sep 76 **(Ger)**

[Influence of isoxsuprine HCl on blood viscosity] de Quiros JF, et al. **Fortschr Med** 94(29):1661–4, 14 Oct 76 **(Ger)**

[Problems in treatment of ocular and cerebral vascular disturbances (author's transl)] Hager H. **Klin Monatsbl Augenheilkd** 169(5):550–6, Nov 76 (Eng. Abstr.) **(Ger)**

[Quantification of the effects of fibrinolytic therapy upon the flow behavior of blood (author's transl)] Schmid-Schönbein H, et al. **Klin Wochenschr** 55(3):111–9, 1 Feb 77 (Eng. Abstr.) **(Ger)**

[Viscosity of blood and sensorineural hearing loss (author's transl)] Schulz CE, et al. **Laryngol Rhinol Otol (Stuttg)** 56(4):328–34, Apr 77 (Eng. Abstr.) **(Ger)**

[Way of action of dextran for prevention of thromboembolic complications (author's transl)] Gruber UF. **Ther Umsch** 34(5):338–40, May 77 (Eng. Abstr.) **(Ger)**

[Effect of nicotine on platelet aggregation and blood viscosity in the miniature pig in vivo] Marshall M, et al. **Vasa** 5(4):287–92, 1976 (Eng. Abstr.) **(Ger)**

[Effect of isoxsuprine on blood viscosity] Schlichting K, et al. **Vasa** 5(1):51–3, 1976 (Eng. Abstr.) **(Ger)**

[The effect of contrast media on the blood viscosity after catheter angiography] Störmer K, et al. **Vasa** 5(3):239–44, 1976 (Eng. Abstr.) **(Ger)**

[Experimental investigations on the effect of various doses of streptokinase on blood viscosity (author's transl)] Ambrosch F, et al. **Wien Klin Wochenschr** 89(10):350–3, 13 May 77 (Eng. Abstr.) **(Ger)**

[Iodine effects in body tissues – a survey and biophysical approach to interpretation (author's transl)] Winkler R. **Wien Klin Wochenschr** 88(13):405–12, 25 Jun 76 (Eng. Abstr.) **(Ger)**

[Improvement of flow properties using Arwin in acute

experimental infarct] Neugebauer G. **Z Kardiol** 65(11):1010–21, Nov 76 (Eng. Abstr.) **(Ger)**

[Action of dopamine on blood flow of the limbs and on blood viscosity (author's transl)] Forconi S, et al. **G Ital Cardiol** 6(5):968–9, Sep–Oct 76 (Eng. Abstr.) **(Ita)**

[Effects of clonidine on various blood–coagulation parameters in hypertension] Lazzarin M, et al. **Minerva Med** 68(4):229–34, 21 Feb 77 (Eng. Abstr.) **(Ita)**

[Hazards of uncontrolled administration of dehydrating agents] Jurkiewicz J, et al. **Neurol Neurochir Pol** 11(2):251–3, Mar–Apr 77 (Eng. Abstr.) **(Pol)**

[Changes in plasma surface tension occurring under the influence of non–ionic detergent (Olbrotol 18) and erythrocyte sedimentation rate] Turczyński B, et al. **Pol Tyg Lek** 32(30):1159–62, 25 Jul 77 (Eng. Abstr.)**(Pol)**

[Effects on blood viscosity, thromboelastogram and platelet aggregation of the administration of plasm expanders previous bloodletting in chronic bronchtic patients with secondary polyglobularemia] De La Vega Vázquez JM, et al. **Rev Clin Esp** 145(6):427–31, 30 Jun 77 (Eng. Abstr.) **(Spa)**

CHRISTMAS DISEASE

Christmas disease. Hegde U. **Nurs Mirror** 143(26):31–3, 23 Dec 76

[Hemophilia] Hayet M. **Soins** 22(5):31–6, 5 Mar 77 **(Fre)**

[The hemophiliac as a surgical patient (author's transl)] Salzmann G, et al. **Munch Med Wochenschr** 119(20):677–84, 20 May 77 (Eng. Abstr.) **(Ger)**

[Anesthesia in patients with hemophilia A and B] Fudeta H, et al. **Jpn J Anesthesiol** 25(7):718–23, Jul 76 (Eng. Abstr.) **(Jpn)**

BLOOD

Inhibitor–neutralisation assay and electro–immuno assay of human factor IX (Christmas factor). Bertina RM, et al. **Clin Chim Acta** 77(3):275–86, 15 Jun 77

A clotting defect in an Arab colt foal. Hinton M, et al. **Equine Vet J** 9(1):1–3, Jan 77

Factor IX levels in patients with hemophilia B (Christmas disease) following transfusion with concentrates of factor IX or fresh frozen plasma (FFP). Zauber NP, et al. **Medicine (Baltimore)** 56(3):213–24, May 77

Bovine factor IX (Christmas factor). Fujikawa K, et al. **Methods Enzymol** 45:74–83, 1976

Effect of the root extract of Fagara zanthoxyloides on blood coagulation. Essien EM, et al. **Thromb Haemostas** 36(3):525–31, 31 Dec 76

Comparison of precipitating antisera against normal and abnormal factor IX. Orstavik KH. **Thromb Res** 10(5):731–41, May 77

[Capacity of activation of so–called deficient factors in hereditary blood coagulation disorders] Mingers AM. **Fortschr Med** 94(30):1723–5, 21 Oct 76 (Eng. Abstr.) **(Ger)**

[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

CLASSIFICATION

Hemophilia B: characterization of genetic variants and detection of carriers. Kasper CK, et al. **Blood** 50(3):351–66, Sep 77

An immunological investigation of hemophilia B with a tentative classification of the disease into five variants. Girolami A, et al. **Vox Sang** 32(4):230–8, 1977

COMPLICATIONS

Haemophlic arthropathy surveyed with whole–body gamma–camera scinitgraphy. Cambouroglou G, et al. **Acta Orthop Scand** 47(6):607–12, Dec 76

Colour vision deficiencies and haemophilia. Jaeger W, et al. **Mod Probl Ophthalmol** 17:143–6, 1976

Hemophilia and the nervous system. Gendelman S. **Mt Sinai J Med NY** 44(3):402–8, May–Jun 77

Renal disorders in haemophilia A and B. Forbes CD, et al. **Scand J Haematol** (30):43–50, 1977

Failure of immunosuppression in a severe haemophilia B patient with specific antibody. Allain JP, et al. **Thromb Haemostas** 36(1):86–9, 31 Aug 76

A comparison of coagulation factor replacement with and without prednisolone in the treatment of haematuria in haemophilia and Christmas disease. Rizza CR, et al. **Thromb Haemostas** 37(1):86–90, 28 Feb 77

Surgery of hemophiliacs––20 years' experience. Nilsson IM, et al. **World J Surg** 1(1):55–66, Jan 77

[Oral bleedings in hemophiliacs] Bessermann–Nielsen M. **Tandlaegebladet** 78(18):759–61, Sep 74 **(Dan)**

[Synoviorthesis with radioactive gold in hemophilia] Ahlberg A. **Rev Rhum Mal Osteoartic** 44(1):41–4, Jan 77 (Eng. Abstr.) **(Fre)**

[A case of combined deficiency of factor IX and factor VIII with prolonged bleeding time (author's transl)] Kudo Y, et al. **Jpn J Clin Hematol** 18(1):81–7, Jan 77 (Eng. Abstr.) **(Jpn)**

[Urinary tract involvement in hemophilia] Kono A, et al. **Jpn J Clin Radiol** 22(5):465–9, May 77 **(Jpn)**

[Tooth extraction in children with hemophilia A and B, using dressings of cyanacrylic surgical glue] Jastrzębski S, et al. **Czas Stomatol** 29(9):787–92, Sep 76 (Eng. Abstr.) **(Pol)**

CONGENITAL

Surgery in patients with congenital disorders of blood coagulation. Krieger JN, et al. **Ann Surg** 185(3):290–4, Mar 77

DIAGNOSIS

Survey of amniocentesis for fetal sex determination in hemophilia carriers. Spiro R, et al. **Clin Genet** 10(6):337–42, Dec 76

Hemophilia. Boxer GJ. **J Indiana State Med Assoc** 70(7):573–80, Jul 77

An immunological method for detection of the carrier of hemophilia B. Matsuoka M, et al. **Thromb Haemostas** 36(2):441–50, 30 Nov 76

[Studies on the demonstration of a factor VIII or IX deficiency by means of partial thromboplastin time] Lutze G. **Folia Haematol (Leipz)** 103(6):933–7, 1976 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Failure of immunosuppression in a severe haemophilia B patient with specific antibody. Allain JP, et al. **Thromb Haemostas** 36(1):86–9, 31 Aug 76

Re: tranexamic acid and bleeding: a double–blind cross–over study on three brothers with Christmas disease (factor IX deficiency). Black EA. **Thromb Haemostas** 35(2):492–4, 30 Apr 76

A comparison of coagulation factor replacement with and without prednisolone in the treatment of haematuria in haemophilia and Christmas disease. Rizza CR, et al. **Thromb Haemostas** 37(1):86–90, 28 Feb 77

FAMILIAL & GENETIC

Hemophilia B: characterization of genetic variants and detection of carriers. Kasper CK, et al. **Blood** 50(3):351–66, Sep 77

Survey of amniocentesis for fetal sex determination in hemophilia carriers. Spiro R, et al. **Clin Genet** 10(6):337–42, Dec 76

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Colour vision deficiencies and haemophilia. Jaeger W, et al. **Mod Probl Ophthalmol** 17:143–6, 1976

An immunological method for detection of the carrier of hemophilia B. Matsuoka M, et al. **Thromb Haemostas** 36(2):441–50, 30 Nov 76

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

IMMUNOLOGY

Factor IX antigen by radioimmunoassay. Abnormal factor IX protein in patients on warfarin therapy and with hemophilia B. Thompson AR. **J Clin Invest** 59(5):900–10, May 77

Failure of immunosuppression in a severe haemophilia B patient with specific antibody. Allain JP, et al. **Thromb Haemostas** 36(1):86–9, 31 Aug 76

An immunological method for detection of the carrier of hemophilia B. Matsuoka M, et al. **Thromb Haemostas** 36(2):441–50, 30 Nov 76

Comparison of precipitating antisera against normal and abnormal factor IX. Orstavik KH. **Thromb Res** 10(5):731–41, May 77

An immunological investigation of hemophilia B with a

tentative classification of the disease into five variants. Girolami A, et al. **Vox Sang** 32(4):230–8, 1977

[Various immunological problems in patients with hemophilia] Hořejší J, et al. **Vnitr Lek** 22(12):1169–78, Dec 76 (Eng. Abstr.) **(Cze)**

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

MORTALITY

Haemophilia treatment in the United Kingdom from 1969 to 1974. Biggs R. **Br J Haematol** 35(4):487–504, Apr 77

OCCURRENCE

Haemophilia treatment in the United Kingdom from 1969 to 1974. Biggs R. **Br J Haematol** 35(4):487–504, Apr 77

Inherited bleeding syndromes in Iraq. Al-Mondhiry HA. **Thromb Haemostas** 37(3):549–55, 30 Jun 77

Management of haemophilia in Greece. Mandalaki T. **Thromb Haemostas** 35(3):522–30, 30 Jun 76

Management of haemophilia in Sweden. Nilsson IM. **Thromb Haemostas** 35(3):510–21, 30 Jun 76

PATHOLOGY

A clotting defect in an Arab colt foal. Hinton M, et al. **Equine Vet J** 9(1):1–3, Jan 77

PHYSIOPATHOLOGY

Demonstration and mode of action of an inhibitor for activated Hageman factor (factor XIIa) of the intrinsic blood coagulation pathway from Schistosoma mansoni. Tsang VC, et al. **Blood** 49(4):619–33, Apr 77

SURGERY

[Orthopedic problems in hemophilia. Pathophysiology and results of operations (author's transl)] Hofmann P, et al. **Z Orthop** 115(3):342–55, Jun 77 (Eng. Abstr.) **(Ger)**

THERAPY

Haemophilia treatment in the United Kingdom from 1969 to 1974. Biggs R. **Br J Haematol** 35(4):487–504, Apr 77

Mandril-grown graft for vascular access in Christmas disease. Yates AJ, et al. **Br Med J** 2(6044):1108–9, 6 Nov 76

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Hemophilia [clinical conference] Tintinalli JE. **JACEP** 6(7):326–9, Jul 77

Methods of care, products available, complications of therapy. Aledort LM. **Mt Sinai J Med NY** 44(3):332–8, May–Jun 77

Christmas disease. Hegde U. **Nurs Mirror** 143(26):31–3, 23 Dec 76

Factor IX and thrombosis. Aledort LM. **Scand J Haematol** (30):40–2, 1977

Characteristics and thrombogenicity of prothrombin complex concentrates. Sakuragawa N, et al. **Thromb Res** 10(2):315–8, Feb 77

Preparation and properties of a therapeutic factor IX concentrate. Suomela H, et al. **Vox Sang** 33(1):37–50, Jul 77

[Substitution treatment in hemophilia. Critical measures and complications] Schimpf K. **Wien Med Wochenschr** 127(11):329–37, 10 Jun 77 **(Ger)**

[Concentrated antihemophilic globulin in the treatment of hemorrhagic syndromes] Baklaja F, et al. **Bilt Hematol Transfuz** 4(3):61–6, 1976 (Eng. Abstr.) **(Scr)**

VETERINARY

A clotting defect in an Arab colt foal. Hinton M, et al. **Equine Vet J** 9(1):1–3, Jan 77

The diagnosis of hemostatic disorders. Kociba GJ. **Vet Clin North Am** 6(4):609–23, Nov 76

CHYMOTRYPSIN

Proteolytic degradation of staphylococcal alpha-toxin. Dalen AB. **Acta Pathol Microbiol Scand [B]** 84B(5):309–14, Oct 76

Chymotrypsin output in the stools in pancreatic and other diseases. Gilat T, et al. **Am J Gastroenterol** 66(2):140–5, Aug 76

The nature of a cytopathogenic material present in amebae of the genus Naegleria. Dunnebacke TH, et al. **Am J Trop Med Hyg** 26(3):412–21, May 77

Mechanisms of zymogen activation. Stroud RM, et al. **Annu Rev Biophys Bioeng** 6:177–93, 1977 (50 ref.)

Light-induced enzyme activity changes associated with the photoisomerization of bound spiropyran. Aizawa M, et al. **Arch Biochem Biophys** 182(1):305–10, Jul 77

The calcium ion binding site in bovine chymotrypsin A. Birnbaum ER, et al. **Arch Biochem Biophys** 179(2):469–76, Mar 77

Primary structure of the S-peptide formed by digestion of rabbit liver fructose 1,6-biphosphatase with subtilisin. El-Dorry HA, et al. **Arch Biochem Biophys** 182(2):763–73, Aug 77

A kinetic investigation of subsites S1' and S2' in alpha-chymotrypsin and subtilisin BPN'. Morihara K, et al. **Arch Biochem Biophys** 178(1):188–94, 15 Jan 77

Phagocytic release of human leukocyte neutral proteases. Analysis of cartilage degradation products. Oronsky AL, et al. **Arch Biochem Biophys** 176(2):539–46, Oct 76

Guanidination of horse methemoglobin. Sakura JD, et al. **Arch Biochem Biophys** 179(1):322–7, Feb 77

Determination of the asymptotic shapes of sedimentation velocity patterns for reversibly polymerizing solutes. Winzor DJ, et al. **Arch Biochem Biophys** 178(2):327–32, 30 Jan 77

An alternative coupling procedure for preparing activated sepharose for affinity chromatography of penicillinase. Coombe RG, et al. **Aust J Biol Sci** 29(4):305–16, Oct 76

Modification of yeast 3-phosphoglycerate kinase: isolation and sequence determination of a nitrated active-site peptide and isolation of a carboxyl modified active-site peptide. Bacharach AD, et al. **Biochem Biophys Res Commun** 74(1):165–71, 10 Jan 77

31P NMR of diisopropyl phosphoryl alpha-chymotrypsin and catechol cyclic phosphate alpha-chymotrypsin. Direct observation of two conformational isomers. Gorenstein DG, et al. **Biochem Biophys Res Commun** 72(2):640–5, 20 SEP 76

NMR evidence against covalent attachment of an aldehyde 'transition-state' analogue to alpha-chymotrypsin. Gorenstein DG, et al. **Biochem Biophys Res Commun** 73(1):105–11, 8 Nov 76

Identification of a reactive arginyl residue in horse liver alcohol dehydrogenase. Jörnvall H, et al. **Biochem Biophys Res Commun** 77(1):73–8, 11 Jul 77

Identification of the covalently bound flavin of L-gulono-gamma-lactone oxidase. Kenney WC, et al. **Biochem Biophys Res Commun** 71(4):1194–200, 23 Aug 76

Labelling of rhodopsin moieties confined to the membrane lipid bilayer. Klip A, et al. **Biochem Biophys Res Commun** 72(4):1350–8, 18 Oct 76

Primary structure of cholera toxin B-subunit. Lai CY, et al. **Biochem Biophys Res Commun** 74(1):215–22, 10 Jan 77

Cleavage of human fibroblast type I procollagen by mammalian collagenase: demonstration of amino- and carboxy-terminal extension peptides. Lichtenstein JR, et al. **Biochem Biophys Res Commun** 73(3):665–72, 6 Dec 76

Solubilization and spectroscopic properties of alpha-chymotrypsin in cyclohexane. Luisi PL, et al. **Biochem Biophys Res Commun** 74(4):1384–9, 21 Feb 77

Proteolytic digestion of histones indicates that the nucleosomes of nuclei and of sheared chromatin are similar. Marks DB, et al. **Biochem Biophys Res Commun** 74(1):134–9, 10 Jan 77

Conformational changes resulting from the carbazoylation of bovine alpha-chymotrypsin by p-nitrophenyl N2-acetyl-N1-arylmethylcarbazates. Orr GA, et al. **Biochem Biophys Res Commun** 74(2):755–61, 24 Jan 77

Comparisons of diisopropylfluorophosphate derivatives of chymotrypsin and chymotrypsinogen by phosphorus-31 nuclear magnetic resonance. Reeck GR, et al. **Biochem Biophys Res Commun** 74(2):643–9, 24 Jan 77

The amino acid sequence of 'heavy chain disease' protein ZUC. Structure of the Fc fragment of immunoglobulin G3. Wolfenstein-Todel C, et al. **Biochem Biophys Res Commun** 71(4):907–14, 23 Aug 76

The effect of temperature on the individual stages of the hydrolysis of non-specific-p-nitrophenol esters by alpha-chymotrypsin. Adams PA, et al. **Biochem J** 161(1):83–92, 1 Jan 77

The proteins in the Z line of insect flight muscle. Bullard B, et al. **Biochem J** 161(2):399–403, 1 Feb 77

alpha-Chymotrypsin as the catalyst for peptide synthesis. Morihara K, et al. **Biochem J** 163(3):531–42, 1 Jun 77

Self-association of alpha-chymotrypsin at low ionic strength in the vicinity of its pH optimum. Tellam R, et al.

Biochem J 161(3):687–94, 1 Mar 77

Active site specific inactivation of chymotrypsin by cyclohexyl isocyanate formed during degradation of the carcinostatic 1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea. Babson JR, et al. **Biochemistry** 16(8):1584–9, 19 Apr 77

Primary structure of human J chain: isolation and characterization of tryptic and chymotryptic peptides of human J chain. Bhown AS, et al. **Biochemistry** 16(16):3501–7, 9 Aug 77

A detailed structural comparison between the charge relay system in chymotrypsinogen and in alpha-chymotrypsin. Birktoft JJ, et al. **Biochemistry** 15(20):4481–5, 5 Oct 76

Primary structure of mouse, rat, and guinea pig cytochrome c. Carlson SS, et al. **Biochemistry** 16(7):1437–42, 5 Apr 77

Identification and properties of the covalently bound flavin of beta-cyclopiazonate oxidocyclase. Kenney WC, et al. **Biochemistry** 15(22):4931–5, 2 Nov 76

A proposal for the mechanism of chymotrypsinogen activation. Kerr MA, et al. **Biochemistry** 15(25):5566–70, 14 Dec 76

Studies on conformation of soluble and immobilized enzymes using differential scanning calorimetry. 2. Specific activity and thermal stability of enzymes bound weakly and strongly to Sepharose CL 4B. Koch-Schmidt AC, et al. **Biochemistry** 16(10):2105–9, 17 May 77

Evidence for a precursor-product relationship in the biosynthesis of ribosomal protein S20. Mackie GA. **Biochemistry** 16(7):1391–8, 5 Apr 77

Primary structure of human J chain: alignment of peptides from chemical and enzymatic hydrolyses. Mole JE, et al. **Biochemistry** 16(16):3507–13, 9 Aug 77

Thermodynamics of binding to native alpha-chymotrypsin and to forms of alpha-chymotrypsin in which catalytically essential residues are modified; a study of 'productive' and 'nonproductive' associations. Schultz RM, et al. **Biochemistry** 16(10):2194–202, 17 May 77

The role of methionine-192 of the chymotrypsin active site in the binding and catalysis of mono(amino acid) and peptide substrates. Treadway WJ Jr, et al. **Biochemistry** 15(19):4171–4, 21 Sep 76

Immunoglobulin G disassembly during thermal denaturation in sodium dodecyl sulfate solutions. Victoria EJ, et al. **Biochemistry** 16(11):2566–70, 31 May 77

Primary structure of rat lysozyme. White TJ, et al. **Biochemistry** 16(7):1430–6, 5 Apr 77

Effect of divalent metal ions on the digestibility of concanavalin A by endopeptidases. Blumberg S, et al. **Biochim Biophys Acta** 453(2):357–64, 22 Dec 76

Preparation of a highly purified bovine trypsin for use in protein sequence analysis. Jany KD, et al. **Biochim Biophys Acta** 453(1):62–6, 26 Nov 76

The amino acid sequence of topi pancreatic ribonuclease. Kuper H, et al. **Biochim Biophys Acta** 446(2):337–44, 28 Oct 76

A potential artifact generated by pelleting viral particles during preparative ultracentrifugation. Long DG, et al. **Biochim Biophys Acta** 451(2):639–42, 21 Dec 76

Regulation of RNA synthesis in corpora lutea nucleic by luteinizing hormone and derivatives. Mckerns KW, et al. **Biochim Biophys Acta** 454(1):51–4, 12 Nov 76

Occurrence of tryptophan in the enzymically active site of diphtheria toxin fragment A. Michel A, et al. **Biochim Biophys Acta** 491(1):286–95, 28 Mar 77

The carbohydrate units of human plasma alpha1-acid glycoprotein. Schmid K, et al. **Biochim Biophys Acta** 492(2):291–302, 24 Jun 77

Isolation, characterization and partial amino acid sequence of a phosphorylated polypeptide (E4) from bovine embryonic dental enamel. Seyer JM, et al. **Biochim Biophys Acta** 493(2):441–51, 23 Aug 77

Preparation and properties of trypsin and chymotrysin coupled covalently to poly (N-vinylpyrrolidone). Specht BU, et al. **Biochim Biophys Acta** 484(1):109–14, 15 Sep 77

Multiple hemoglobin alpha-chains in the sika deer (Cervus nippon). Taylor WJ, et al. **Biochim Biophys Acta** 492(1):126–35, 27 May 77

Sequential enzymolysis of human aorta and resultant stress-strain behavior. Hoffman AS, et al. **Biomater Med Devices Artif Organs** 5(2):121–45, 1977

Co-oligopeptides of aromatic amino acids and glycine with variable distance between the aromatic residues. VII. Enzymatic synthesis of N-protected peptide amides. Saltman R, et al. **Biopolymers** 16(3):631–8, Mar 77

A new approach to preparative enzymatic synthesis. Klibanov A, et al. **Biotechnol Bioeng** 19(9):1351–61, Sep 77

Immobilized enzymes on chitosan columns: alpha-chymotrypsin and acid phosphatase. Muzzarelli RA, et al. **Biotechnol Bioeng** 18(10):1445–54, Oct 76

Demonstration of granulocytic proteases in plasma of patients with acute leukemia and septicemia with coagulation defects. Egbring R, et al. **Blood** 49(2):219–31, Feb 77

Amino acid sequence of penicillopepsin. I. Isolation and characterization of the chymotryptic peptides. Kurosky A, et al. **Can J Biochem** 54(10):872–84, Oct 76

The amino acid sequence of wheat beta-purothionin. Mak AS, et al. **Can J Biochem** 54(10):835–42, Oct 76

Human pituitary thyrotropin. The primary structure of the alpha and beta subunits. Sairam MR, et al. **Can J Biochem** 55(7):755–60, Jul 77

Characterization of the interaction between chymotrypsin and heparin. Twining SS, et al. **Can J Biochem** 55(2):134–9, Feb 77

A comparison of cytochrome c from Macrobrachium malcomsonii with other invertebrate cytochromes c. Lyddiatt A, et al. **Comp Biochem Physiol [B]** 55(3B):337–42, 1976

Purification of six neurotoxins from the venom of Dendroaspis viridis. Primary structure of two long toxins. Bechis G, et al. **Eur J Biochem** 68(2):445–56, 15 Sep 76

Parvalbumin from rabbit muscle. Isolation and primary structure. Capony JP, et al. **Eur J Biochem** 70(1):123–35, 1 Nov 76

Covalent structure of collagen: isolation of chymotryptic peptides and amino acid sequence of the amino-terminal region of alpha2-CB3 from chick skin. Dixit SN, et al. **Eur J Biochem** 73(1):213–21, 15 Feb 77

The 'b5-like' domain from chicken-liver sulfite oxidase: a new case of common ancestral origin with liver cytochrome b5 and bakers' yeast cytochrome b2 core. Guiard B, et al. **Eur J Biochem** 74(1):181–90, 15 Mar 77

Snake venom toxins. The amino-acid sequences of three toxins (9B, 11 and 12A) from Hemachatus haemachatus (Ringhals) venom. Joubert FJ. **Eur J Biochem** 74(2):387–96, 1 Apr 77

Hemachatus haemachatus (Ringhals) venom. Purification, some properties and amino-acid sequence of phospholipase A (fraction DE-I). Joubert FJ. **Eur J Biochem** 52(3):539–44, 1 Apr 75

Synthesis of glycosyl-dolichol derivatives in bakers' yeast and their role in protein glycosylation. Parodi AJ. **Eur J Biochem** 75(1):171–80, 2 May 77

Kinetics of binding of bovine trypsin-killikrein inhibitor (K unitz) in which the reactive-site peptide bond Lys-15--Ala-16 is cleaved, to alpha-chymotrypsin and beta-trypsin. Quast U, et al. **Eur J Biochem** 52(3):505–10, 1 Apr 75

The effect of cleaving the reactive-site peptide bond Lys-15--Ala-16 on the conformation of bovine trypsin-kallikrein inhibitor (K unitz) as revealed by solvent-perturbation spectra, circular dichroism and fluorescence. Quast U, et al. **Eur J Biochem** 52(3):511–4, 1 Apr 75

The complete amino-acid sequence of histone H2B(1) from sperm of the sea urchin Parechinus angulosus. Strickland M, et al. **Eur J Biochem** 77(2):263–75, 15 Jul 77

Snake venom toxins. The amino-acid sequence of a short-neurotoxin homologue from Dendroaspis polylepis polylepis (black mamba) venom. Strydom DJ. **Eur J Biochem** 76(1):99–106, 1 Jun 77

The amino-acid sequence of the major parvalbumin from thornback-ray muscle. Thatcher DR, et al. **Eur J Biochem** 75(1):121–32, 2 May 77

Structural studies on the coat protein of alfalfa mosaic virus. The complete primary structure. van Beynum GM, et al. **Eur J Biochem** 72(1):63–78, 3 Jan 77

Primary structure of the B-chain of human plasmin. Wiman B. **Eur J Biochem** 76(1):129–37, 1 Jun 77

Species difference in the effects of proteolytic enzymes on red cell membrane. Kitao T, et al. **Experientia** 33(5):675–7, 15 May 77

Inhibitory tripeptide, Lys-Phe-Tyr, as a fragment of physalaemin. Takeuchi H, et al. **Experientia** 33(7):938–9, 15 Jul 77

The amino acid sequence of a dimeric myoglobin from the gastropod mollusc, Busycon canaliculatum L. Bonner AG, et al. **FEBS Lett** 73(2):201–3, 1 Feb 77

Complete amino acid sequence of bovine alphaS2-casein. Brignon G, et al. **FEBS Lett** 76(2):274–9, 15 Apr 77

Chemical modification of liver alcohol dehydrogenase with alpha-bromo-beta-(5-imidazolyl) propionic acid. Dahl K, et al. **FEBS Lett** 71(2):287–90, 1 Dec 76

Calcium binding regions of myosin 'regulatory' light chains. Jakes R, et al. **FEBS Lett** 70(1):229–34, Nov 76

The N-terminal sequence of human lactotransferrin: its close homology with the amino-terminal regions of other transferrins. Jollès J, et al. **FEBS Lett** 69(1):27–31, 15 Oct 76

Transient-phase of ATP hydrolysis by myosin

sub-fragment-1 isoenzymes. Taylor RS, et al. **FEBS Lett** 75(1):55-60, 15 Mar 77

Sites of 'in vitro' enzymatic acetylation of histone H4. Thwaits BH, et al. **FEBS Lett** 71(2):197-200, 1 Dec 76

The primary structure of protein S16 from Escherichia coli ribosomes. Vandekerckhove J, et al. **FEBS Lett** 73(1):18-21, 15 Jan 77

Role of pancreatic proteases in the pathogenesis of ischemic enteropathy. Bounous G, et al. **Gastroenterology** 73(1):102-8, Jul 77

A precursor of kinins in the gastric mucus. Geiger R, et al. **Hoppe Seylers Z Physiol Chem** 358(7):931-3, Jul 77

Primary structure of protein L10 from the large subunit of Escherichia coli ribosomes. Heiland I, et al. **Hoppe Seylers Z Physiol Chem** 357(12):1751-70, Dec 76

Snake venom toxins. The amino acid sequences of two toxins (CM-2a and CM-3) from Naja haje annulifera (Egyptian cobra) venom. Joubert FJ. **Hoppe Seylers Z Physiol Chem** 358(3):377-90, Mar 77

Primary structure of protein S13 from the small subunit of escherichia coli ribosomes. Lindemann H, et al. **Hoppe Seylers Z Physiol Chem** 358(7):843-63, Jul 77

Human transfer factor in guinea pigs: partial purification of the active component. pp. 409-24. Wilson GB, et al. **In: Ascher MS, et al., ed. Transfer factor: basic properties and clinical applications. New York, Academic Press, 1976. W3 IN9324N 1975t.**

Charge relay of serine proteinases: NMR studies of free and inhibited forms of trypsin and chymotrypsin. p. 398. Ibañez IB, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Characterisation of elastase and chymotrypsin from human granulocyte lysosomes. p. 406. Schmidt W, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Thermodynamics of substrate analog binding to native and modified forms of alpha-chymotrypsin; a study in 'productive' and non-productive binding. p. 407. Schultz RM, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Pancreatic enzyme requirements for the dissociation of rat hearts for culture. Speicher DW, et al. **In Vitro** 10:30-41, Jul-Aug 74

Use of alpha-chymotrypsin in the hydrolysis of esters of p-nitro, p-nitroso, p-amino dihydrocinnamoyl groups used in oligonucleotide synthesis. Singh C, et al. **Indian J Biochem Biophys** 13(4):350-1, Dec 76

Nonspecific stimulation of lymphocytes by tuberculin. Sultzer BM, et al. **Infect Immun** 15(3):799-806, Mar 77

The primary structure of human urogastrone. Gregory H, et al. **Int J Pept Protein Res** 9(2):107-18, 1977

Arginine modification in Kunitz bovine trypsin inhibitor through 1, 2-cyclohexanedione. Menegatti E, et al. **Int J Pept Protein Res** 10(2):146-52, 1977

Primary structure of equine growth hormone. Zakin MM, et al. **Int J Pept Protein Res** 8(5):435-44, 1976

Animal models for glaucoma [editorial] Gelatt KN. **Invest Ophthal Visual Sci** 16(7):592-6, Jul 77

Enzymatic proteolysis of monellin. Absence of sweet peptides. Morris JA, et al. **J Agric Food Chem** 24(5):1075-7, Sep-Oct 76

Nuclear magnetic resonance studies of p-fluorocinnamate--alpha-chymotrypsin complexes. Gerig JT, et al. **J Am Chem Soc** 99(19):6219-26, 14 Sep 77

Characterization of the acetyl-chymotrypsin intermediate by 13C nuclear magnetic resonance spectroscopy [letter]. Niu CH, et al. **J Am Chem Soc** 99(9):3161-2, 27 Apr 77

On the correlation between three-dimensional structure and reactivity for a series of locked substrates of chymotrypsin. Rodgers PS, et al. **J Am Chem Soc** 98(21):6690-5, 13 Oct 76

A conformational change in the benzeneboronic acid-alpha-chymotrypsin complex. Evidence for a conformational change in a tetrahedral adduct of alpha-chymotrypsin. Hanai K. **J Biochem (Tokyo)** 81(5):1273-83, May 77

Amino acid sequence of chromatium vinosum ferredoxin: revisions. Hase T, et al. **J Biochem (Tokyo)** 81(6):1745-9, Jun 77

A study of the native-denatured (N in equilibrium with D) transition in lysozyme. II. Kinetic analysis of protease digestion. Imoto T, et al. **J Biochem (Tokyo)** 80(6):1313-8, Dec 76

Amino acid sequence of the L-2 light chain of rabbit skeletal muscle myosin. Matsuda G, et al. **J Biochem (Tokyo)** 81(3):809-11, Mar 77

The structure and function of ribonuclease T1. XXI. Modification of histidine residues in ribonuclease T1 with iodoacetamide. Takahashi K. **J Biochem (Tokyo)** 80(6):1267-75, Dec 76

Preparation of myosin subfragment-1 from pig cardiac muscle myosin by chymotryptic digestion. Yagi K, et al. **J Biochem (Tokyo)** 81(4):977-88, Apr 77

Amino acid sequence of Desulfovibrio vulgaris flavodoxin. Dubourdieu M, et al. **J Biol Chem** 252(4):1453-63, 25 Feb 77

Mechanisms of acylation of chymotrypsin by phenyl esters of benzoic acid and acetic acid. Hubbard CD, et al. **J Biol Chem** 252(5):1633-8, 10 Mar 77

Human chorionic gonadotropin. Amino acid sequence of the hormone-specific COOH-terminal region. Keutmann HT, et al. **J Biol Chem** 252(15):5393-7, 10 Aug 77

Platelet glycocalicin. I. Orientation of glycoproteins of the human platelet surface. Okumura T, et al. **J Biol Chem** 251(19):5944-9, 10 Oct 76

Primary structure of rabbit skeletal muscle troponin-T. Purification of cyanogen bromide fragments and the amino acid sequence of fragment CB2. Pearlstone JR, et al. **J Biol Chem** 252(3):971-7, 10 Feb 77

Proteases from purulent sputum. Purification and properties of the elastase and chymotrypsin-like enzymes. Twumasi DY, et al. **J Biol Chem** 252(6):1917-26, 25 Mar 77

Immobilization of enzymes on slowly soluble carriers. Torchilin VP, et al. **J Biomed Mater Res** 11(2):223-35, Mar 77

New skeletal-space-filling models. A model of an enzyme active site. Clarke FH. **J Chem Educ** 54(4):230-5, Apr 77

The role of lysosomal elastase in the digestion of Escherichia coli proteins by human polymorphonuclear leukocytes: experiments with living leukocytes. Blondin J, et al. **J Clin Invest** 58(4):971-9, Oct 76

Evidence for differences in erythrocyte surface receptors for the malarial parasites, Plasmodium falciparum and Plasmodium knowlesi. Miller LH, et al. **J Exp Med** 146(1):277-81, 1 Jul 77

Selective proteolysis of the J chain component in human polymeric immunoglobulin. Koshland ME, et al. **J Immunol** 118(3):775-81, Mar 77

Mutational amino acid replacements in Neurospora crassa NADP-specific glutamate dehydrogenase. Brett M, et al. **J Mol Biol** 106(1):1-22, 5 Sep 76

Sequence homology between the structural polypeptides of minute virus of mice. Tattersall P, et al. **J Mol Biol** 111(4):375-94, 25 Apr 77

The major site of guinea-pig myelin basic protein encephalitogenic in Lewis rats. Chou CH, et al. **J Neurochem** 28(1):115-9, Jan 77

Chemically aggregated enzymes. Broun GB. **Methods Enzymol** 44:263-80, 1976

Conformational transitions in immobilized proteases. Gabel D, et al. **Methods Enzymol** 44:526-38, 1976

On the potential of soluble and immobilized enzymes in synthetic organic chemistry. Jones JB. **Methods Enzymol** 44:831-44, 1976

New type of representation for mapping chain-folding in protein molecules. Balasubramanian R. **Nature** 266(5605):856-7, 28Apr 77

Studies on the interaction of H1 histone with superhelical DNA: characterization of the recognition and binding regions of H1 histones. Singer DS, et al. **Nucleic Acids Res** 3(10):2531-47, Oct 76

The organization and function of water in protein crystals. Finney JL. **Philos Trans R Soc Lond [Biol]** 278(959):3-32, 29 Mar 77 (87 ref.)

Affinity purification methods. V1. A novel and rapid isolation procedure for lysozymes. Bailon P, et al. **Prep Biochem** 7(1):61-87, 1977

Kinetic evidence for an intermediate in the deacetylation of monoacetyl-chymotrypsin. Chibber BA, et al. **Proc Natl Acad Sci USA** 74(2):510-4, Feb 77

The amino acid sequence of beta-galactosidase of Escherichia coli. Fowler AV, et al. **Proc Natl Acad Sci USA** 74(4):1507-10, Apr 77

Thymosin alpha1: isolation and sequence analysis of an immunologically active thymic polypeptide. Goldstein AL, et al. **Proc Natl Acad Sci USA** 74(2):725-9, Feb 77

The functional repressor parts of a tetrameric lac repressor-beta-galactosidase chimaera are organized as dimers. Kania J, et al. **Proc Natl Acad Sci USA** 73(10):3529-33, Oct 76

Biochemical applications of relaxation kinetics. Malcolm AD. **Prog Biophys Mol Biol** 30(2-3):205-25, 1975 (114 ref.)

Extended helical conformation newly observed in protein

folding. Srinivasan R, et al. **Science** 194(4266):720–2, 12 Nov 76

Platelet interaction with collagen fibrils in flowing blood. I. Reaction of human platelets with alpha chymotrypsin–digested subendothelium. Baumgartner HR. **Thromb Haemostas** 37(1):1–16, 28 Feb 77

Platelet interaction with collagen fibrils in flowing blood. II. Impaired adhesion–aggregation in bleeding disorders. A comparison with subendothelium. Baumgartner HR, et al. **Thromb Haemostas** 37(1):17–28, 28 Feb 77

[Isolation of trypsic and chymotrypsic peptides from fragment B of diphtheria toxin (proceedings)] Monier C, et al. **Arch Int Physiol Biochim** 84(5):1098–9, Dec 76 **(Fre)**

[Determination of the primary structure of alfalfa mosaic virus (strain S) coat protein. II. Complete sequence of the protein (author's transl)] Collot D, et al. **Biochim Biophys Acta** 492(2):267–83, 24 Jun 77 (Eng. Abstr.) **(Fre)**

[Primary structure of the casein macropeptide of caprine kappa casein] Mercier JC, et al. **Biochimie** 58(11–12):1303–10, 1976 (Eng. Abstr.) **(Fre)**

[Anomalous behavior of various proteolytic enzymes in acrylamide agarose gel filtration] Peaucellier G. **Biochimie** 58(10):1273–6, 1976 **(Fre)**

[The rule of antibody structure. The primary structure of a monoclonal IgG1 immunoglobulin (myeloma protein Nie). III. The chymotryptic peptides of the H–chain, alignment of the tryptic peptides and discussion of the complete structure] Ponstingl H, et al. **Hoppe Seylers Z Physiol Chem** 357(11):1571–604, Nov 76 (Eng. Abstr.) **(Ger)**

[Electric conductivity of lipid membranes in the presence of proteolytic enzymes and their substrates] Kolomytkin OV, et al. **Biofizika** 21(6):1008–12, Nov 76 (Eng. Abstr.) **(Rus)**

[Extraction and properties of microcapsulated alpha–chymotrypsin] Aĭsina RB, et al. **Biokhimiia** 41(9):1656–61, Sep 76 (Eng. Abstr.) **(Rus)**

[Isotherms of globular protein hydration under dynamic conditions] Khurgin IuI, et al. **Biokhimiia** 42(3):490–8, Mar 77 (Eng. Abstr.) **(Rus)**

[Properties of alpha–chymotrypsin and cis–cinnamoylchymotrypsin in free, covalently bound to a carrier and microcapsulated states] Lukasheva EV, et al. **Biokhimiia** 42(3):465–9, Mar 77 (Eng. Abstr.) **(Rus)**

[Specificity of enzymatic catalysis: alpha–chymotrypsin and carboxypeptidase A. Role of the enzyme active center metal and substrate hydrophobicity in binding and catalysis specificity] Klësov AA, et al. **Dokl Akad Nauk SSSR** 234(4):964–7, 1977 **(Rus)**

[Enzyme immobilization on hydrated oxides of transition metals and aluminum] Laurinavichius VA, et al. **Prikl Biokhim Mikrobiol** 13(3):443–8, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Chemical properties of methionine and its role in proteins] Torchinskiĭ IuM. **Usp Sovrem Biol** 82(6):323–37, Nov–Dec 76 (114 ref.) **(Rus)**

ADMINISTRATION & DOSAGE

[Clinical study of ultrasonophoresis with a topical preparation combining phenylbutazone and alpha–chymotrypsin] Wanet G, et al. **J Belge Rhumatol Med Phys** 31(2):49–58, Mar–Apr 76 (Eng. Abstr.) **(Fre)**

[Effect of proteolytic enzymes on the antitrypsin activity of blood serum in the postoperative period] Geĭtman IIa, et al. **Vopr Med Khim** 22(6):791–5, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Studies on the sensitizing activity of alpha–chymotrypsin in man. Cirstea M, et al. **Physiologie** 14(2):107–12, Apr–Jun 77 (Eng. Abstr.)

[Swine fever disease as a virus induced disorder of the enzyme system: on the pathogenicity of suspensions of normal pancreas and of chymotrypsin(ogen) (author's transl)] Korn G, et al. **Zentralbl Bakteriol [Orig A]** 238(1):20–34, May 77 (Eng. Abstr.) **(Ger)**

[Case of anaphylactic shock following administration of chymopsin] Karal–Ogly RD. **Zh Ushn Nos Gorl Bolezn** (3):102–3, May–Jun 76 **(Rus)**

ANALYSIS

Experimental and clinical studies on the serum level of alpha–chymotrypsin inhibitors in bacterial infection. Koide Y. **Aichi Gakuin J Dent Sci** 12(3):293–305, Dec 74 (Eng. Abstr.)

Chymotrypsin output in the stools in pancreatic and other diseases. Gilat T, et al. **Am J Gastroenterol** 66(2):140–5, Aug 76

A fluorometric assay of proteins on Kieselguhr plates using sodium hypochlorite and thiamine. Kinoshita T, et al. **Anal Biochem** 77(2):471–7, Feb 77

Radial diffusion as a sensitive method for screening endopeptidase activity in plant extracts. Santarius K, et al. **Anal Biochem** 77(1):1–9, Jan 77

Sensitive assays for trypsin, elastase, and chymotrypsin using new fluorogenic substrates. Zimmerman M, et al. **Anal Biochem** 78(1):47–51, Mar 77

Tests of exocrine pancreatic function. Gowenlock AH. **Ann Clin Biochem** 14(2):61–89, Mar 77 (208 ref.)

Genetic study of pancreatic proteinase in mice (Mus musculus): genetic variants of trypsin and chymotrypsin. Watanabe T, et al. **Biochem Genet** 14(9–10):697–707, Oct 76

Rapid zymogen activation and isolation of serine proteases from an individual mouse pancreas by affinity chromatography: genetical heterogeneity of chymotrypsins of Mus musculus. Kasche V, et al. **Biochim Biophys Acta** 490(1):1–18, 25 Jan 77

Immobilized enzymes on chitosan columns: alpha–chymotrypsin and acid phosphatase. Muzzarelli RA, et al. **Biotechnol Bioeng** 18(10):1445–54, Oct 76

Conformational analysis of a chain reversal in alpha–chymotrypsin. Hurwitz FI, et al. **Int J Pept Protein Res** 8(6):543–50, 1976

Enzyme activity experiments using a simple spectrophotometer. Hurlbut JA, et al. **J Chem Educ** 54(7):442–3, Jul 77

An oral test of pancreatic chymotrypsin activity using N–acetyl–L–tyrosyl–p–amino–benzoic acid in rats. Mališ F, et al. **J Clin Chem Clin Biochem** 14(10):499–500, Oct 76

Proteolytic enzyme activity in the granulation tissue of the human burn wound. Nathan P, et al. **J Trauma** 16(11):912–8, Nov 76

Enzyme replacement therapy of exocrine pancreatic insufficiency in man. Relations between in vitro enzyme activities and in vivo potency in commercial pancreatic extracts. Graham DY. **N Engl J Med** 296(23):1314–7, 9 Jun 77

Tropic effect of cholecystokinin–pancreozymin on pancreatic acinar cells from rats of different ages. Brants F, et al. **Proc Soc Exp Biol Med** 153(3):523–7, Dec 76

[Determination of chymotrypsin in feces as screening method for exocrine pancreatic insufficiency] Bode JC, et al. **Dtsch Med Wochenschr** 102(5):165–6, 4 Feb 77 **(Ger)**

[Tryptic enzymes in the differential diagnosis of inflammatory diseases of the colon (author's transl)] May H, et al. **Munch Med Wochenschr** 119(5):155–8, 4 Feb 77 (Eng. Abstr.) **(Ger)**

[Actual value of enzyme changes in clinical practice of gastroenterological diseases (author's transl)] Camenisch R, et al. **Praxis** 66(7):200–5, 15 Feb 77 (Eng. Abstr.) **(Ger)**

ANTAGONISTS & INHIBITORS

Purification and properties of two protease inhibitors from rat skin inhibiting papain and other SH–proteases. Järvinen M. **Acta Chem Scand [B]** 30(10):933–40, 1976

Study of substances related to carcinoembryonic antigens, CEA–NCA and association with alpha1–antichymotrypsin. Orjasaeter H. **Acta Pathol Microbiol Scand [C]** 84(3):235–44, Jun 76

Chemical modifications of lysyl and arginyl residues of human plasma alpha1–antitrypsin. Busby TF, et al. **Arch Biochem Biophys** 177(2):552–60, Dec 76

The role of sialic acid and galactose residues in determining the survival of human plasma alpha–antitrypsin in the blood circulation. Yu SD, et al. **Arch Biochem Biophys** 179(2):477–85, Mar 77

A trypsin and chymotrypsin inhibitor from chick peas (Cicer arietinum). Smirnoff P, et al. **Biochem J** 157(3):745–51, 1 Sep 76

Endogenous anti–inflammatory proteins. Lewis DA. **Biochem Pharmacol** 26(8):693–8, 15 Apr 77 (86 ref.)

The protomer isoinhibitors of chymotryptic inhibitor I from potatoes. Richardson M, et al. **Biochem Soc Trans** 4(6):1107–8, 1976

Re–examination of the molecular weight of chymotryptic inhibitor I from potatoes. Richardson M, et al. **Biochem Soc Trans** 4(6):1077–9, 1976

Active site specific inactivation of chymotrypsin by cyclohexyl isocyanate formed during degradation of the carcinostatic 1–(2–chloroethyl)–3–cyclohexyl–1–nitrosourea. Babson JR, et al. **Biochemistry** 16(8):1584–9, 19 Apr 77

P–Nitrophenyl carbamates as active–site–specific reagents for serine proteases. Scofield RE, et al. **Biochemistry**

16(11):2492–6, 31 May 77

Effect of oxidation of methionine residues in chicken ovoinhibitor on its inhibitory activities against trypsin, chymotrypsin, and elastase. Shechter Y, et al. **Biochemistry** 16(5):992–7, 8 Mar 77

Synthesis and characterization of a pancreatic trypsin inhibitor homologue and a model inhibitor. Tan NH, et al. **Biochemistry** 16(8):1531–41, 19 Apr 77

Inactivation of alpha-chymotrypsin by new bifunctional reagents: halomethylated derivatives of dihydrocoumarins. Béchet JJ, et al. **Biochimie** 59(3):231–9, 1977

Inactivation of proteases and esterases by halomethylated derivatives of dihydrocoumarins. Béchet JJ, et al. **Biochimie** 59(3):241–6, 1977

Kinetics of the inactivation of human and bovine trypsins and chymotrypsins by alpha1-proteinase inhibitor and of their reactivation by alpha2-macroglobulin. Aubry M, et al. **Clin Chim Acta** 78(3):371–80, 1 Aug 77

alpha1-Antichymotrypsin interaction with cationic proteins from granulocytes. Ohlsson K, et al. **Clin Chim Acta** 73(2):285–91, 1 Dec 76

The trypsin and chymotrypsin inhibitors in chick pears (Cicer arietinum L). The relationships among the six isoinhibitors. Belew M. **Eur J Biochem** 73(2):411–20, Mar 1 77

The purification and properties of human alpha1-antitrypsin (alpha1-antiprotease), variant Z. Hercz A, et al. **Eur J Biochem** 74(3):603–10, 15 Apr 77

Snake venom toxins. Purification and properties of low-molecular-weight polypeptides of Dendroaspis polylepis polylepis (black mamba) venom. Strydom DJ. **Eur J Biochem** 69(1):169–76, 1 Oct 76

Extrinsic signals for monitoring the association reaction of proteins as introduced by fluorescent and non-fluorescent labels. Bösterling B, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1283–96, Sep 76

Immunological similarity between low molecular weight trypsin-chymotrypsin inhibitors from human bronchial secretion and seminal plasma. Ohlsson K, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1241–4, Sep 76

Isolation and partial characterization of a low molecular weight acid stable protease inhibitor from human bronchial secretion. Ohlsson K, et al. **Hoppe Seylers Z Physiol Chem** 358(5):583–9, May 77

Inhibitors of acrosin and granulocyte proteinases from human genital tract secretions. Schiessler H, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1251–60, Sep 76

Recent developments in suicide substrates and other active site-directed inactivating agents of specific target enzymes. Walsh C. **Horiz Biochem Biophys** 3:36–81, 1977 (67 ref.)

Regulation of the leukocyte proteinases by the human plasma proteinase inhibitors. p. 393. Baugh RJ, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Natural plant enzyme inhibitors: Part III-purification of protease inhibitors from Lathyrus sativus seeds. Bhat PG, et al. **Indian J Biochem Biophys** 13(4):339–43, Dec 76

Studies on human ascaris: purification of trypsin inhibitor. Mukerji K, et al. **Indian J Med Res** 64(11):1611–9, Nov 76

Preferential inhibition of alpha-chymotrypsin by the D form of an amino acid derivative, N'-isobutyryl-N-benzyl-N-nitrosophenylalaninamide (ia) [letter]. White EH, et al. **J Am Chem Soc** 99(9):3171–3, 27 Apr 77

A conformational change in the benzeneboronic acid-alpha-chymotrypsin complex. Evidence for a conformational change in a tetrahedral adduct of alpha-chymotrypsin. Hanai K. **J Biochem (Tokyo)** 81(5):1273–83, May 77

The amino acid sequences of two soybean double headed proteinase inhibitors and evolutionary consideration on the legume proteinase inhibitors. Odani S, et al. **J Biochem (Tokyo)** 80(3):641–3, Sep 76

Interactions of alpha-chymotrypsin with peptides containing tryptophan or its derivatives at the C-terminus. Sato S, et al. **J Biochem (Tokyo)** 82(1):231–7, Jul 77

The role of an activatable esterase in immune-dependent phagocytosis by human neutrophils. Musson RA, et al. **J Immunol** 118(4):1354–65, Apr 77

Quantitative structure-activity relationships of chymotrypsin. On the predictive value of correlation equations. Grieco C, et al. **J Med Chem** 20(4):586–8, Apr 77

Active-site-directed alkylation of chymotrypsin by reagents utilizing various departing groups. Larsen D, et al. **J Med Chem** 19(11):1284–6, Nov 76

Trypsin and chymotrypsin inhibitors from soybeans. Birk Y. **Methods Enzymol** 45:700–7, 1976

A trypsin and chymotrypsin inhibitor from groundnuts (Arachis hypogaea). Birk Y. **Methods Enzymol** 45:716–22, 1976

Proteinase inhibitors from potatoes. Birk Y. **Methods Enzymol** 45:728–39, 1976

Acid-stable proteinase inhibitors from human seminal plasma. Schiessler H, et al. **Methods Enzymol** 45:847–59, 1976

Structures and activities of protease inhibitors of microbial origin. Umezawa H. **Methods Enzymol** 45:678–95, 1976

[The protein constituents of human bronchial washings. Their relationship to the defenses of the respiratory tract (author's transl)] Laine A, et al. **Bull Eur Physiopathol Respir** 13(1):47–56, Jan–Feb 77 (51 ref.) (Eng. Abstr.) **(Fre)**

[Inhibition of the reinitiation of meiosis in Xenopus laevis oocytes by three natural antiproteases: antipain, chymostatin, and leupeptin] Guerrier P, et al. **C R Acad Sci [D] (Paris)** 284(4):317–9, 24 Jan 77 (Eng. Abstr.) **(Fre)**

[Inhibitors for trypsin and chymotrypsin in seeds of the broad bean (Vicia faba) (author's transl)] Ortanderl H, et al. **Z Lebensm Unters Forsch** 163(1):31–4, 1977 (Eng. Abstr.) **(Ger)**

[Circulating antiproteases. Correlation and relationships with the indices of inflammation] Ambanelli U, et al. **Reumatismo** 27(1):32–6, 1975 (Eng. Abstr.) **(Ita)**

[Sterospecific selection of nucleophilic compounds in the chymotrypsin-catalyzed formation of the peptide bonds] Ivanov LL, et al. **Biokhimiia** 41(4):619–29, Apr 76 (Eng. Abstr.) **(Rus)**

[Search for actinomycetes that produce inhibitors of proteolytic enzymes] Bezborodov AM, et al. **Mikrobiologiia** 46(2):232–8, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[An alcohol-soluble trypsin inhibitor from beans] Mosolov VV, et al. **Prikl Biokhim Mikrobiol** 12(1):37–44, Jan–Feb 76 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

The effect of fasting on the in vitro synthesis of amylase in rat exocrine pancreas. Vieira-Matos AN, et al. **Can J Physiol Pharmacol** 55(1):90–7, Feb 77

BLOOD

Sbustrate specificity of the elastase and the chymotrypsin-like enzyme of the human granulocyte. Zimmerman M, et al. **Biochim Biophys Acta** 480(1):241–5, 11 Jan 77

alpha1-Antichymotrypsin interaction with cationic proteins from granulocytes. Ohlsson K, et al. **Clin Chim Acta** 73(2):285–91, 1 Dec 76

Purification of platelet proteases: activation of proelastase by a trypsin-like enzyme. Legrand Y, et al. **FEBS Lett** 76(2):294–8, 15 Apr 77

Localization of chymotrypsin-like cationic protein, collagenase and elastase in azurophil granules of human neutrophilic polymorphonuclear leukocytes. Ohlsson K, et al. **Hoppe Seylers Z Physiol Chem** 358(3):361–6, Mar 77

The interactions between a low molecular weight protease inhibitor of bronchial mucus and chymotrypsin-like cationic proteins of granulocytes. Tegner H, et al. **Hoppe Seylers Z Physiol Chem** 358(3):431–3, Apr 77

Characterisation of elastase and chymotrypsin from human granulocyte lysosomes. p. 406. Schmidt W, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

[Pancreas diagnosis in pediatrics] Simon KH. **Med Monatsschr** 30(12):568–70, Dec 76 **(Ger)**

[Direct proteolysis of coagulation factors through granulocyte enzymes as a possible mechanism of blood coagulation disorders in acute leukemia and septicemia] Egbring R, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1629–32, 1976 **(Ger)**

IMMUNOLOGY

alpha1-Antichymotrypsin interaction with cationic proteins from granulocytes. Ohlsson K, et al. **Clin Chim Acta** 73(2):285–91, 1 Dec 76

Migration inhibition factor-like activity in inflammatory synovial fluids might be due to proteases. Geiger C, et al. **Clin Exp Immunol** 26(1):176–80, Oct 76

Immunological similarity between low molecular weight trypsin-chymotrypsin inhibitors from human bronchial secretion and seminal plasma. Ohlsson K, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1241–4, Sep 76

Studies on the sensitizing activity of alpha-chymotrypsin in man. Cîrstea M, et al. **Physiologie** 14(2):107–12, Apr–Jun 77 (Eng. Abstr.)

[Antigenic properties of the proteolytic enzymes of the gastrointestinal tract] Berkos OV. **Fiziol Zh SSSR**

62(11):1661-6, Nov 76 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

On the mode of adsorption of proteins to 'hydrophobic columns'. Wilchek M, et al.
Biochem Biophys Res Commun 72(1):108-13, 7 Sep 76

On the detection of functional and structural enzyme mutants by coordinated affinity chromatography and isoelectric focusing. Amnéus H. **Biochem Genet** 14(11-12):953-61, Dec 76

Rapid zymogen activation and isolation of serine proteases from an individual mouse pancreas by affinity chromatography: genetical heterogeneity of chymotrypsins of Mus musculus. Kasche V, et al.
Biochim Biophys Acta 490(1):1-18, 25 Jan 77

Purification of platelet proteases: activation of proelastase by a trypsin-like enzyme. Legrand Y, et al. **FEBS Lett** 76(2):294-8, 15 Apr 77

Studies on human trypsin & chymotrypsins. Nayak N, et al.
Indian J Biochem Biophys 13(4):335-8, Dec 76

Affinity chromatography of several proteolytic enzymes on carbobenzoxy-D-phenylalanyltriethylenetetramine-sepharo Fujiwara K, et al. **Int J Pept Protein Res** 9(1):18-26, Jan 77

Purification of several proteolytic enzymes by tosyl- and carbobenzoxy-triethylene-tetramine-sepharoses. Fujiwara K, et al. **Int J Pept Protein Res** 9(3):166-74, 1977

Proteases from purulent sputum. Purification and properties of the elastase and chymotrypsin-like enzymes. Twumasi DY, et al. **J Biol Chem** 252(6):1917-26, 25 Mar 77

[Extraction and properties of microcapsulated alpha-chymotrypsin] Aisina RB, et al. **Biokhimiia** 41(9):1656-61, Sep 76 (Eng. Abstr.) (Rus)

METABOLISM

Specificity of trypsin and alpha-chymotrypsin towards neutral substrates. Vajda T, et al.
Acta Biochim Biophys Acad Sci Hung 11(4):287-94, 1976

Effect of methylated PGE2 analogs given orally on pancreatic response to secretin in man. Konturek SJ, et al.
Am J Dig Dis 22(1):16-9, Jan 77

Exocrine pancreatic insufficiency syndrome in CBA/J mice. II. Biochemical studies. Leiter EH, et al. **Am J Pathol** 86(1):31-46, Jan 77

The enthalpimetric determination of the Michaelis constant of the alpha-chymotrypsin-catalysed hydrolysis of N-acetyl-l-tyrosine ethyl ester based on the integrated Michaelis--Menten equation. Grime JK, et al.
Anal Chim Acta 91(2):245-50, Jul 77

Reactivity and cryoenzymology of enzymes in the crystalline state. Makinen MW, et al. **Annu Rev Biophys Bioeng** 6:301-43, 1977 (205 ref.)

Mechanisms of zymogen activation. Stroud RM, et al.
Annu Rev Biophys Bioeng 6:177-93, 1977 (50 ref.)

Light-induced enzyme activity changes associated with the photoisomerization of bound spiropyran. Aizawa M, et al.
Arch Biochem Biophys 182(1):305-10, Jul 77

The calcium ion binding site in bovine chymotrypsin A. Birnbaum ER, et al. **Arch Biochem Biophys** 179(2):469-76, Mar 77

31P NMR of diisopropyl phosphoryl alpha-chymotrypsin and catechol cyclic phosphate alpha-chymotrypsin. Direct observation of two conformational isomers. Gorenstein DG, et al. **Biochem Biophys Res Commun** 72(2):640-5, 20 SEP 76

On the detection of functional and structural enzyme mutants by coordinated affinity chromatography and isoelectric focusing. Amnéus H. **Biochem Genet** 14(11-12):953-61, Dec 76

A detailed structural comparison between the charge relay system in chymotrypsinogen and in alpha-chymotrypsin. Birktoft JJ, et al. **Biochemistry** 15(20):4481-5, 5 Oct 76

Purification and characterization of porcine elastase II and investigation of its elastolytic specificity. Gertler A, et al.
Biochemistry 16(12):2709-15, 14 Jun 77

Binding rates, O--S substitution effects, and the pH dependence of chymotrypsin reactions. Hirohara H, et al.
Biochemistry 16(8):1573-80, 19 Apr 77

A proposal for the mechanism of chymotrypsinogen activation. Kerr MA, et al. **Biochemistry** 15(25):5566-70, 14 Dec 76

Thermodynamics of binding to native alpha-chymotrypsin and to forms of alpha-chymotrypsin in which catalytically essential residues are modified; a study of 'productive' and 'nonproductive' associations. Schultz RM, et al
Biochemistry 16(10):2194-202, 17 May 77

Selective covalent binding of methionyl-containing peptides and proteins to water insoluble polymeric reagent and their regeneration. Shechter Y, et al. **Biochemistry** 16(7):1424-30, 5 Apr 77

The role of methionine-192 of the chymotrypsin active site in the binding and catalysis of mono(amino acid) and peptide substrates. Treadway WJ Jr, et al. **Biochemistry** 15(19):4171-4, 21 Sep 76

Role of hydrophobic forces in membrane protein asymmetry. Wickner WT. **Biochemistry** 16(2):254-8, 25 Jan 77

Effect of divalent metal ions on the digestibility of concanavalin A by endopeptidases. Blumberg S, et al.
Biochim Biophys Acta 453(2):357-64, 22 Dec 76

Rapid zymogen activation and isolation of serine proteases from an individual mouse pancreas by affinity chromatography: genetical heterogeneity of chymotrypsins of Mus musculus. Kasche V, et al.
Biochim Biophys Acta 490(1):1-18, 25 Jan 77

Rat pancreas adenylate cyclase V. Its presence in isolated rat pancreatic acinar cells. Kempen HJ, et al.
Biochim Biophys Acta 496(2):521-31, 28 Feb 77

Preparation and properties of trypsin and chymotrysin coupled covalently to poly (N-vinylpyrrolidone). Specht BU, et al. **Biochim Biophys Acta** 484(1):109-14, 15 Sep 77

A new mechanochemical method of enzyme immobilization. Klibanov AM, et al. **Biotechnol Bioeng** 19(2):211-8, Feb 77

Nonporous magnetic materials as enzyme supports: studies with immobilized chymotrypsin. Munro PA, et al.
Biotechnol Bioeng 19(1):101-24, Jan 77

Characterization of the interaction between chymotrypsin and heparin. Twining SS, et al. **Can J Biochem** 55(2):134-9, Feb 77

Chromatin structure as probed by nucleases and proteases: evidence for the central role of histones H3 and H4. Sollner-Webb B, et al. **Cell** 9(1):179-93, Sep 76

Kinetics of the inactivation of human and bovine trypsins and chymotrypsins by alpha1-proteinase inhibitor and of their reactivation by alpha2-macroglobulin. Aubry M, et al.
Clin Chim Acta 78(3):371-80, 1 Aug 77

Assay of proteolytic activity by gelatin liquefaction (trypsin assay by gelatin liquefaction). Westler B, et al.
Clin Chim Acta 78(1):151-7, 1 Jul 77

p-Nitroanilides of 3-carboxypropionyl-peptides. Their cleavage by elastase, trypsin, and chymotrypsin. Kasafírek E, et al. **Eur J Biochem** 69(1):1-13, 1 Oct 76

Controlled proteolysis of flavocytochrome b2. Characterization of a 15000-dalton heme-binding core and comparison with detergent solubilized cytochrome b5. Pompon D, et al. **Eur J Biochem** 68(2):415-23, 15 Sep 76

Kinetics of binding of bovine trypsin-killikrein inhibitor (K unitz) in which the reactive-site peptide bond Lys-15--Ala-16 is cleaved, to alpha-chymotrypsin and beta-trypsin. Quast U, et al. **Eur J Biochem** 52(3):505-10, 1 Apr 75

Secondary and conformational specificities of trypsin and chymotrypsin. Wright HT. **Eur J Biochem** 73(2):567-78, Mar 1 77

Acinar cell responsiveness to urecholine in the rat pancreas during fetal and early postnatal growth. Larose L, et al.
Gastroenterology 73(3):530-3, Sep 77

Influence of various fluorescent and non-fluorescent labels on the kinetics of the complex formation of alpha-chymotrypsin with basic pancreatic trypsin inhibitor (Kunitz). Bösterling B, et al.
Hoppe Seylers Z Physiol Chem 357(9):1297-307, Sep 76

Extrinsic signals for monitoring the association reaction of proteins as introduced by fluorescent and non-fluorescent labels. Bösterling B, et al.
Hoppe Seylers Z Physiol Chem 357(9):1283-96, Sep 76

Activation of parainfluenza viruses through host-dependent cleavage of an envelope glycoprotein. pp. 457-70. Scheid A.
In: Baltimore D, et al., ed. Animal virology. New York, Academic Press, 1976. W3 I322 v.4 1976.

Structural studies on the pancreatic trypsin inhibitor - trypsin complex and its free components: structure and function relationship in serine protease inhibition and catalysis. pp. 43-76. Bode W, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (22 ref.)

Relationship between the structures and activities of some microbial serine proteases. II. Comparison of the tertiary structures of microbial and pancreatic serine proteases. pp. 125-42. James MN.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (34 ref.)

The role of proteases in biological regulation. pp. 29-42. Neurath H, et al.

In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (21 ref.)

Thermodynamics of substrate analog binding to native and modified forms of alpha-chymotrypsin; a study in 'productive' and non-productive binding. p. 407. Schultz RM, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.

Pancreatic enzyme requirements for the dissociation of rat hearts for culture. Speicher DW, et al. **In Vitro** 10:30–41, Jul–Aug 74

Relationships between inhibition of the tryptic and chymotryptic digestion from antiinflammatory agents and substrate structure [proceedings]. Roda LG.
Ital J Biochem 25(5):417–9, Sep–Oct 76

Role and location of 'protease I' from Escherichia coli. Kowit JD, et al. **J Bacteriol** 128(3):776–84, Dec 76

Kinetic study of alpha-chymotrypsin catalysis with regard to the interaction between the specificity-determining site and the aromatic side chain of substrates. Ohno M, et al. **J Biochem (Tokyo)** 80(2):239–51, Aug 76

Interactions of alpha-chymotrypsin with peptides containing tryptophan or its derivatives at the C-terminus. Sato S, et al. **J Biochem (Tokyo)** 82(1):231–7, Jul 77

A method for analyzing enzyme kinetics with substrate activation and inhibition and its application to the alpha-chymotrypsin-catalyzed hydrolysis of phenyl acetates. Shimamoto N. **J Biochem (Tokyo)** 80(5):961–8, Nov 76

alpha-chymotrypsin-catalyzed hydrolysis of phenyl acetate. Large Hammett's rho constant and participation of histidine-acylated intermediate. Shimamoto N.
J Biochem (Tokyo) 82(1):185–93, Jul 77

Further studies on the reactions of phenylglyoxal and related reagents with proteins. Takahashi K. **J Biochem (Tokyo)** 81(2):403–14, Feb 77

Mechanisms of acylation of chymotrypsin by phenyl esters of benzoic acid and acetic acid. Hubbard CD, et al.
J Biol Chem 252(5):1633–8, 10 Mar 77

Proteases from purulent sputum. Purification and properties of the elastase and chymotrypsin-like enzymes. Twumasi DY, et al. **J Biol Chem** 252(6):1917–26, 25 Mar 77

The reactivity of alpha-chymotrypsin immobilized on radiation-grafted hydrogel surfaces. Venkataraman S, et al.
J Biomed Mater Res 11(1):111–23, Jan 77

Improved rubella hemagglutination inhibtion test: inactivation of non-immunoglobulin hemagglutination inhibitors by phospholipase C. Iwasa S, et al. **J Clin Microbiol** 4(6):461–6, Dec 76

Immunogenic and cell attachment sites of FMDV: further evidence for their location in a single capsid polypeptide. Cavanagh D, et al. **J Gen Virol** 35(1):149–58, Apr 77

Studies on the chymotryptic digestion of myosin. Effects of divalent cations on proteolytic susceptibility. Weeds AG, et al. **J Mol Biol** 111(2):129–57, Apr 77

Effect of dietary raw soybean and soybean trypsin inhibitor on trypsin and chymotrypsin activities in the pancreas and in small intestinal juice of growing swine. Yen JT, et al.
J Nutr 107(1):156–65, Jan 77

Mechanochemistry of immobilized enzymes: a new approach to studies in fundamental enzymology. I. Regulation by mechanical means of the catalytic properties of enzymes attached to polymer fibers. Berezin IV, et al.
Methods Enzymol 44:558–71, 1976

Conformational transitions in immobilized proteases. Gabel D, et al. **Methods Enzymol** 44:526–38, 1976

Kinetic behavior of immobilized enzyme systems. Goldstein L. **Methods Enzymol** 44:397–443, 1976

Carboxypeptidase Y. Hayashi R. **Methods Enzymol** 45:568–87, 1976

Activity correlations between similarly modified soluble and immobilized enzymes. Ollis DF, et al. **Methods Enzymol** 44:444–50, 1976

Immobilization of enzymes on hydroxyalkyl methacrylate gels. Turková J. **Methods Enzymol** 44:66–83, 1976

The action of trypsin and chymotrypsin on the reserve proteins of some leguminous seeds. Vaintraub IA, et al.
Nahrung 20(8–9):763–71, 1976

Developmentally regulated lectin in neonatal rat brain. Simpson DL, et al. **Nature** 266(5600):367–9, 24 Mar 77

The comparative effect of prolonged feeding with raw and heated soybean mean on the growth response, pancreatic enlargement and pancreatic enzymes of chicks. Madar Z, et al. **Nutr Metab** 20(4):234–42, 1976

Evaluating the stability and reactivity of a light-sensitive probe by enzyme analysis. Tometsko AM, et al.
Photochem Photobiol 24(6):579–85, Dec 76

Kinetic evidence for an intermediate in the deacetylation of monoacetyl-chymotrypsin. Chibber BA, et al.
Proc Natl Acad Sci USA 74(2):510–4, Feb 77

Specific gonadotropin binding to Pseudomonas maltophilia. Richert ND, et al. **Proc Natl Acad Sci USA** 74(3):878–82, Mar 77

Nutritional effects of field-bean (Vicia faba L.) protease inhibitors and field beans fed to rats [proceedings]. Abbey BW, et al. **Proc Nutr Soc** 35(2):84A–86A, Sep 76

Quantitation of active pancreatic endopeptidases in the intestinal contents of germfree and conventional rats. Genell S, et al. **Scand J Gastroenterol** 11(8):757–62, 1976

Activation of precursors to both glycoporteins of Newcastle disease virus by proteolytic cleavage. Nagai Y, et al.
Virology 77(1):125–34, Mar 77

Inhibition of exocrine and endocrine pancreatic function by somatostatin in man. Dollinger HC, et al.
Z Gastroenterol [Verh] (10):56–9, 1976

[Circadian rhythm in the activity of various digestive enzymes of the small intestine and pancreas in guinea pigs] Mališ F, et al. **Cas Lek Cesk** 115(44):1353–7, 8 Nov 76 (Eng. Abstr.) **(Cze)**

[Effect of aflatoxin B1 on the enzymatic activities of Bacillus thuringiensis (Berliner)] Boutibonnes P. **Can J Microbiol** 23(7):931–2, Jul 77 (Eng. Abstr.) **(Fre)**

[Bisalbuminaemia in pancreatitis: structural modifications of human serum albumin by proteolytic enzymes of the pancreas (author's transl)] Rousseaux J, et al.
Clin Chim Acta 71(1):35–46, 16 Aug 76 (Eng. Abstr.) **(Fre)**

[Comparative enzymatic study of two strains of Aspergillus fumigatus and of A. fischeri of sapropytic origin or isolated from human or animal lesions: practical diagnostic applications] Duriez T, et al. **Mycopathologia** 59(2):81–90, 24 Sep 76 (Eng. Abstr.) **(Fre)**

[Determination of fecal chymotrypsin as a screening test for exocrine pancreatic insufficiency: studies on the reliability of various methods] Schneider R, et al.
Verh Dtsch Ges Inn Med 82 Pt 1:952–4, 1976 **(Ger)**

[Exocrine pancreatic function in chronic alcoholics in Austria (author's transl)] Pointner H, et al.
Wien Klin Wochenschr 89(13):452–5, 24 Jun 77 (Eng. Abstr.) **(Ger)**

[Determination of chymotrypsin in the stool in chronic pancreatic diseases associated with exocrine insufficiency] Wegmann R, et al. **Wien Med Wochenschr** 126(13–14):181–6, 26 Mar 76 **(Ger)**

[Sterospecific selection of nucleophilic compounds in the chymotrypsin-catalyzed formation of the peptide bonds] Ivanov LL, et al. **Biokhimiia** 41(4):619–29, Apr 76 (Eng. Abstr.) **(Rus)**

[Properties of chymotrypsin proteinase from Aspergillus oryzae] Kolodzeĭs'ka MV, et al. **Ukr Biokhim Zh** 49(3):42–6, May–Jun 77 (Eng. Abstr.) **(Ukr)**

PHARMACODYNAMICS

Iodopeptides from human thyroglobulin. Valenta LJ, et al.
Acta Endocrinol (Kbh) 85(4):769–80, Aug 77

Kallikreinlike activity in perfusates and urine of isolated rat kidneys. Roblero J, et al. **Am J Physiol** 231(5 Pt. 1):1383–9, Nov 76

Effect of beef broth protein on the thermal inactivation of staphylococcal enterotoxin B1. Lee IC, et al.
Appl Environ Microbiol 33(2):341–4, Feb 77

Responsibility of 16S RNA for the stimulation of polypeptide synthesis by spermidine. Igarashi K, et al.
Biochem Biophys Res Commun 76(1):18–25, 9 May 77

A brain protein and its effect on the Ca2+-and protein modulator-activated cyclic nucleotide phosphodiesterase. Wang JH, et al. **Biochem Biophys Res Commun** 72(3):926–32, 4 Oct 76

Cytochrome c-specific protein methylase III from Neurospora crassa. Nochumson S, et al. **Biochem J** 165(1):11–8, 1 Jul 77

Studies on the biosynthesis, assembly and secretion of vitellogenin, an oestrogen-induced multicomponent protein. Penning TM, et al. **Biochem J** 162(1):157–70, 15 Jan 77

Inactivation of kinins by chymotrypsin. Sampaio CA, et al.
Biochem Pharmacol 25(21):2391–4, 1 Nov 76

Chymotryptic conversion of bacterial membrane ATPase to an active form with modified alpha chains and defective membrane binding properties. Abrams A, et al.
Biochemistry 15(25):5560–6, 14 Dec 76

Penetration of zona-free mouse ova. Wolf DP, et al.
Biol Reprod 15(2):213–21, Sep 76

Effects of proteolytic enzymes on invertase secretion in sphaeroplasts of Saccharomyces: inhibition by trypsin. Holbein BE, et al. **Can J Microbiol** 23(2):202–8, Feb 77

The effects of enzymatic digestion on the elastic properties of isolated human cerebral arteries. Damude LC, et al. **Can J Physiol Pharmacol** 55(2):161–9, Apr 77

Increased susceptibility of cytosol proteins to proteolytic digestion during regression of a hormone-dependent mammary tumor. Rouleau M, et al. **Cancer Res** 37(3):670–7, Mar 77

Leukocyte migration in guinea pigs. II. Partial characterization of a leukocyte migration inhibitory factor distinct from macrophage migration inhibitory factor. Hoffman PM, et al. **Cell Immunol** 30(1):92–9, Apr 77

Tx: a component in human dialyzable transfer factor that induces cutaneous delayed hypersensitivity in guinea pigs. Wilson GB, et al. **Clin Immunol Immunopathol** 7(2):187–202, Mar 77

Stimulation of a subpopulation of hamster lymphoid cells by trypsin and chymotrypsin. Hart DA, et al. **Exp Cell Res** 102(2):246–52, 15 Oct 76

Evidence that pancreatic proteases enhance vitamin B12 absorption by acting on curde preparations of hog gastric intrinsic factor and human gastric juice. Toskes PP, et al. **Gastroenterology** 72(1):31–6, Jan 77

Hormone-receptor interactions. Carboranylalanine (Car) as a phenylalanine analogue: reactions with chymotrypsin. Fischli W, et al. **Helv Chim Acta** 60(3):959–63, 20 Apr 77

The effect of trypsin and chymotrypsin on the bactericidal activity and specific antibody activity of bovine colostrum. Brock JH, et al. **Immunology** 32(2):207–13, Feb 77

The effect of limited proteolysis by trypsin and chymotrypsin on bovine colostral IgG1. Brock JH, et al. **Immunology** 32(2):215–9, Feb 77

Pancreatic enzyme requirements for the dissociation of rat hearts for culture. Speicher DW, et al. **In Vitro** 10:30–41, Jul–Aug 74

Microbicidal mechanisms of human granulocytes: synergistic effects of granulocyte elastase and myeloperoxidase or chymotrypsin-like cationic protein. Odeberg /, et al. **Infect Immun** 14(6):1276–83, Dec 76

Studies on a protamine (galline) from fowl sperm. 3. The total amino acid sequence of intact galline molecule. Nakano M, et al. **Int J Pept Protein Res** 8(6):565–78, 1976

A study of proteinase inhibition by simulation of inhibitor reactive site regions: interaction of the C-terminal undecapeptide of ovein prolactin with some proteinases. Rigbi M, et al. **Int J Pept Protein Res** 9(4):272–6, 1977

Partial characterization of in vivo chemotactic activity: comparison to human C5a. Robinson LD, et al. **J Allergy Clin Immunol** 59(5):353–8, May 77

Glutathione reductase in the sea urchin egg. III. Activation of the complex form by proteinases. Ichio II. **J Biochem (Tokyo)** 81(3):673–80, Mar 77

Renal angiotensin I-converting enzyme as a mixture of sialo- and asialo-enzyme, and a rapid purification method. Oshima G, et al. **J Biochem (Tokyo)** 80(3):477–83, Sep 76

Mitogen receptors in chick embryo fibroblasts. Kinetics, specificity, unmasking, and synthesis of 125I-insulin binding sites. Raizada MK, et al. **J Biol Chem** 251(20):6445–55, 25 Oct 76

Immunoinhibition of ristocetin-induced platelet aggregation. Nachman RL, et al. **J Clin Invest** 59(1):143–8, Jan 77

Improved rubella hemagglutination inhibtion test: inactivation of non-immunoglobulin hemagglutination inhibitors by phospholipase C. Iwasa S, et al. **J Clin Microbiol** 4(6):461–6, Dec 76

In vitro stimulation of lymphocytes by neutral proteinases from human polymorphonuclear leukocyte granules. Vischer TL, et al. **J Exp Med** 144(4):863–72, 1 Oct 76

Studies on the membrane glycoprotein defect of En(a–) erythrocytes. II. MN antigenic properties of En(a–) erythrocytes. Dahr W, et al. **J Immunogenet** 3(6):383–93, Dec 76

Recovery of soluble sheep erythrocyte receptor from the T lymphocyte surface by proteolytic cleavage. Chisari FV, et al. **J Immunol** 118(4):1138–42, Apr 77

On the mechanism of cell membrane damage by complement: evidence on insertion of polypeptide chains from C8 and C9 into the lipid bilayer of erythrocytes. Hammer CH, et al. **J Immunol** 119(1):1–8, Jul 77

Release of slow reacting substance (SRS) from rat basophilic leukemia (RBL-1) cells. Jakschik BA, et al. **J Immunol** 119(2):618–22, Aug 77

Evidence for a colon chalone. Houck JC, et al. **J Natl Cancer Inst** 56(5):899–902, May 76

Subcellular distribution of a heat-stable protein inhibitor of cyclic AMP-dependent protein kinase in rat brain. Roskoski R Jr, et al. **J Neurochem** 28(3):543–7, Mar 77

Comparative effect of trypsin and chymotrypsin on blood group antigens. Judson PA, et al. **Med Lab Sci** 34(1):1–6, Jan 77

Protease-induced constriction in rats' bronchi. Iravani J, et al. **Respiration** 34(1):39–44, 1977

Pancreatic extract and the intestinal uptake of vitamin B12. II. Inhibitory effect of trypsin and trypsinogen. Von der Lippe G, et al. **Scand J Gastroenterol** 12(2):177–82, 1977

Effects of thrombin, chymotrypsin and aggregated gamma-globulins on the proteins of the human platelet membrane. Podolsak B. **Thromb Haemostas** 37(3):396–406, 30 Jun 77

Studies on the in vitro uncoating of poliovirus. II. Characteristics of the membrane-modified particle. De Sena J, et al. **Virology** 78(2):554–66, 15 May 77

A plasma membrane component able to bind and alter virions of poliovirus type 1: studies on cell-free alteration using a simplified assay. Guttman N, et al. **Virology** 82(1):25–36, 1 Oct 77

In vitro transcription of wound tumor virus RNA by virion-associated RNA transcriptase. Reddy DV, et al. **Virology** 80(2):356–61, 15 Jul 77

Functional analysis of the interactions between reovirus particles and various proteases in vitro. Sargent MD, et al. **Virology** 78(1):354–8, 1 May 77

[Sputum and expectorants] Korsgaard B, et al. **Ugeskr Laeger** 138(39):2355–61, 20 Sep 76 (Eng. Abstr.) **(Dan)**

[Postoperative hypertonia, alphachymotrypsine, prostaglandins and indomethacin] Charleux J, et al. **Bull Soc Ophtalmol Fr** 76(1):89–91, Jan 76 **(Fre)**

[In vivo studies on the effect of alpha chymotrypsin on hemostasis] Meyer FU, et al. **Stomatol DDR** 27(2):89–92, Feb 77 (Eng. Abstr.) **(Ger)**

[Penetration of antibiotics into experimental foci of inflammation under the influence of proteolytic enzymes] Geĭtman IIa, et al. **Antibiotiki** 21(10):927–32, Oct 76 (Eng. Abstr.) **(Rus)**

[Effect of proteolytic enzymes on the antitrypsin activity of blood serum in the postoperative period] Geĭtman IIa, et al. **Vopr Med Khim** 22(6):791–5, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Blood coagulating properties of immobilized proteases] Zubairov DM, et al. **Vopr Med Khim** 22(2):187–91, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

[Acute pancreatitis. Aspects of the pathophysiology (author's transl)] Amundsen E. **Leber Magen Darm** 6(4):199–205, Aug 76 **(Ger)**

RADIATION EFFECTS

Gamma-irradiated chymotrypsin-like proteins. I. Structural changes. Bezrukova AG, et al. **Int J Radiat Biol** 31(2):131–44, Feb 77

Gamma-irradiated chymotrypsin-like proteins. II. Connection between inactivation and structural changes. Bezrukova AG, et al. **Int J Radiat Biol** 31(4):349–53, Apr 77

Evaluating the stability and reactivity of a light-sensitive probe by enzyme analysis. Tometsko AM, et al. **Photochem Photobiol** 24(6):579–85, Dec 76

SECRETION

Effect of bile duct obstruction on pancreatic enzyme secretion and intestinal proteolytic enzyme activity in the rat. Green G, et al. **Am J Dig Dis** 22(5):437–44, May 77

Chymotrypsin output in the stools in pancreatic and other diseases. Gilat T, et al. **Am J Gastroenterol** 66(2):140–5, Aug 76

Rat pancreatic adenylate cyclase. IV. Effect of hormones and other agents on cyclic AMP level and enzyme release. Kempen JM, et al. **Biochim Biophys Acta** 496(1):65–76, 24 Jan 77

Comparison of caerulein and cholecystokinin effects upon enzyme concentrations in duodenal aspirates. Minaire Y, et al. **Digestion** 15(1):86–9, 1977

Nonparallel secretion of enzymes in human duodenal juice and pure pancreatic juice collected by endoscopic retrograde catheterization of the papilla. Dagorn JC, et al. **Gastroenterology** 73(1):42–5, Jul 77

Pancreatic secretion in hamsters with pancreatic cancer. Reber HA, et al. **Surgery** 82(1):34–41, Jul 77

[The secretagogic effect of dibutyryl cyclic adenosine monophosphate on the rat exocrine pancreas] Stock C, et al. **Arch Int Physiol Biochim** 84(2):348–50, Apr 76 **(Fre)**

[Insufficiency of the exocrine pancreas in Wilson's disease (author's transl)] Osswald P, et al. **Klin Wochenschr** 54(17):839–43, 1 Sep 76 (Eng. Abstr.) **(Ger)**

[The function of the hydrokinetic and ekbolic pancreas after

acute pancreatitis] Tympner F, et al. **Z Gastroenterol** 14(7):684–7, Nov 76 (Eng. Abstr.) **(Ger)**

[Role of the autonomic nervous system in the differentiated response of pancreatic enzyme secretion] Rozin DG. **Fiziol Zh SSSR** 62(8):1216–21, Aug 76 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

The influence of various drugs on artificial oedema of the rat's bladder. Strohmenger P, et al. **Eur Urol** 2(6):293–4, 1976

Aphakic retinal detachment. François J, et al. **Ophthalmologica** 175(4):181–4, 1977

The effect of a proteolytic enzyem mixture (Orenzyme–Forte) on experimentally induced pulpitis. Kieser J, et al. **Oral Surg** 43(2):300–5, Feb 77

Studies on the sensitizing activity of alpha-chymotrypsin in man. Cîrstea M, et al. **Physiologie** 14(2):107–12, Apr–Jun 77 (Eng. Abstr.)

[Clinical study of ultrasonophoresis with a topical preparation combining phenylbutazone and alpha-chymotrypsin] Wanet G, et al. **J Belge Rhumatol Med Phys** 31(2):49–58, Mar–Apr 76 (Eng. Abstr.) **(Fre)**

[Structure of the vitreous body in the aphakic eye] Bernardczykowa A, et al. **Mod Probl Ophthalmol** 18:468–72, 1977 (Eng. Abstr.) **(Fre)**

[Prevention of retinal detachment in subjects before and after being operated on for cataract] Pannarale MR, et al. **Mod Probl Ophthalmol** 18:474–6, 1977 (Eng. Abstr.) **(Fre)**

[Treatment of varices of the lower extremities with a new drug combination: hemotrypsin] Grosso F, et al. **Atti Accad Med Lomb** 30(1–3):161–4, 1975 **(Ita)**

[Ways of prevention of development of infectious processes in open injuries] Makshanov IIa, et al. **Khirurgiia (Mosk)** (6):77–81, Jun 76 (Eng. Abstr.) **(Rus)**

[Use of proteolytic enzymes and ectericide in surgical treatment of suppuration] Kuzin EM. **Vestn Khir** (3):77–9, Mar 77 (Eng. Abstr.) **(Rus)**

[Enzyme in complex treatment of operative wounds and their complications in patients with malignant otorhinolaryngologic neoplasms] Opanashchenko GA. **Zh Ushn Nos Gorl Bolezn** (1):53–7, 1977 (Eng. Abstr.) **(Rus)**

[Pancreatic endopeptidase in the treatment of the Ramsay Hunt syndrome] Petrovski R, et al. **God Zb Med Fak Skopje** 22:285–9, 1976 (Eng. Abstr.) **(Scr)**

[Analyses of cases of retinal vessel occlusions at the Ophthalmologic Clinic in Sarajevo with special regard to etiology and therapy] Mastilović B, et al. **Med Arh** 30(4):225–8, Jul–Aug 76 **(Scr)**

CLOT RETRACTION

Furosemide: its role on certain platelet functions. Chohan IS, et al. **Acta Clin Belg** 32(1):39–43, 1977

Platelet aggregation and fibrinolytic activity in transient cerebral ischemia. Andersen LA, et al. **Acta Neurol Scand** 55(1):76–82, Jan 77

Relase of retraction stimulating factor (RSF) during platelet dependent retraction of reptilase clots. Klener P, et al. **Acta Univ Carol [Med] (Praha)** 22(1–2):3–8, 1976

Platelet shape change induced by cold and the retraction of reptilase clots. Kubisz P, et al. **Acta Univ Carol [Med] (Praha)** 22(1–2):9–17, 1976

Analysis and interpretation of the impedance blood coagulation curve. Ur A. **Am J Clin Pathol** 67(5):470–6, May 77

Thrombophlebitis. Kerstein MD. **Angiology** 28(4):228–34, Apr 77 (64 ref.)

Dilute blood clot lysis time and electrophoretic lipoprotein fractions in a population sample of healthy Romanians. Popescu TA, et al. **Atherosclerosis** 27(2):155–63, Jun 77

Effect of propranolol on platelet function. Weksler BB, et al. **Blood** 49(2):185–96, Feb 77

Ammonia production during clot retraction and its use in assay of fibrinoligase. Mousli S, et al. **Clin Chem** 23(9):1739–43, Sep 77

Comparative hematology—studies on Camelidae. Lewis JH. **Comp Biochem Physiol [A]** 55(4A):367–71, 1976

Characterization of human fibroblasts from cancer patients: loss of fibrin clot retractile activity after 'in vitro' spontaneous transformation, Dolfini E, et al. **Eur J Cancer** 12(10):823–5, Oct 76

Ionophore a 23187: some effects on platelet aggregation and clot retraction. Bottecchia D, et al. **Haemostasis** 5(3):176–88, 1976

Correlation between plasma fibrinogen level and vascular complications in diabetes mellitus. pp. 189–95. Akazawa Y, et al.
In: Baba S, et al., ed. Diabetes mellitus in Asia. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.390 1975.

The blood platelet a potential smooth muscle cell. pp. 105–15. Behnke O.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.

Platelet myosin. Localization of the rod myosin fragment and effect of its antibodies on platelet function. Puszkin EG, et al. **J Biol Chem** 252(12):4371–8, 25 Jun 77

Action of Trimeresurus erythrusus and Trimeresurus popeorum venom on blood coagulation. Talalak P. **J Med Assoc Thai** 60(1):9–18, Jan 77

Failure of certain antiplatelet drugs to affect myointimal thickening following arterial endothelial injury in the rat. Clowes AW, et al. **Lab Invest** 36(4):452–64, Apr 77

Effect of intermittent compression of the arms on deep venous thrombosis in the legs. Knight MT, et al. **Lancet** 2(7998):1265–8, 11 Dec 76

A heparin analogue with specific action on antithrombin III. Thomas DP, et al. **Lancet** 1(8003):120–2, 15 Jan 77

Inhibition of rabbit platelet aggregation and clot retraction by rabbit and human c-reactive proteins. Marder RJ, et al. **Proc Soc Exp Biol Med** 155(1):44–7, May 77

Platelet function studies in dogs with cyclic hematopoiesis. Reese ME Jr, et al. **Proc Soc Exp Biol Med** 153(2):324–9, Nov 76

Binding of anti-actin autoantibodies to platelets. Bouvier CA, et al. **Thromb Haemostas** 37(2):321–8, 30 Apr 77

Skin fibroblasts from a patient with Glanzmann's thrombasthenia do not induce fibrin clot retraction [letter]. Donati MB, et al. **Thromb Res** 10(1):173–4, Jan 77

Inhibitory effect of colchicine and vinblastine on reptilase clot retraction. Kubisz P, et al. **Thromb Res** 9(2):109–14, Aug 76

Potentiation of the thrombin induced platelet release reaction by fibrin. Niewiarowski S, et al. **Thromb Res** 9(2):181–90, Aug 76

[Congenital deficiency in the fibrin stabilizing factor (factor XIII)] Duporieux J, et al. **Nouv Presse Med** 5(43):2941–3, 18 Dec 76 **(Fre)**

Hereditary thrombocytopathies with abnormal release reaction (author's transl)] Hermansky F, et al. **Nouv Rev Fr Hematol** 16(3):413–20, 1976 (Eng. Abstr.) **(Fre)**

[Behavior of leukocytes towards blood platelets and during retraction] Lindner E, et al. **Verh Anat Ges** (70 Pt 2):945–53, 1976 (Eng. Abstr.) **(Ger)**

[Platelet glucose metabolism and its function--energy dependency of fresh- and fixed-platelets in aggregation and clot retraction-- (author's transl)] Taketomi Y, et al. **Acta Haematol Jpn** 39(5):671–81, Oct 76 (Eng. Abstr.) **(Jpn)**

[Comparative effect of chlorpromazine, imipramine and papaverine on the blood platelet function] Bartel' V, et al. **Farmakol Toksikol** 39(3):296–301, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Determination of the activity of plasmin and antiplasmins] Chepcheruk GS. **Lab Delo** (2):81–3, 1977 (Eng. Abstr.) **(Rus)**

[Assessment of fibrinolysis with a coagulograph H-333] Kuznik BI, et al. **Lab Delo** (5):281–3, 1977 **(Rus)**

[Methods of diagnosis in thrombocytopathies] Smolianitskii AIa, et al. **Lab Delo** (4):195–201, 1976 **(Rus)**

[Microcirculation and blood coagulation in patients with diabetes mellitus undergoing antidiabetic therapy of different types] Tikhonova EP, et al. **Probl Endokrinol (Mosk)** 23(1):3–7, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Hereditary hemorrhagic thrombocytoasthenia] Farkhutdinov RG, et al. **Sov Med** (8):74–7, AUG 76 **(Rus)**

METHODS

Fibrinolytic response to surgery. Labile and stable patterns and their relevance to post-operative deep venous thrombosis. Knight MT, et al. **Lancet** 2(8034):370–3, 20 Aug 77

VETERINARY

The diagnosis of hemostatic disorders. Kociba GJ. **Vet Clin North Am** 6(4):609–23, Nov 76

COAGULASE

Immunochemical analysis of an unusual cell wall polysaccharide from animal coagulase-positive staphylococci. 1. Fragments obtained after hydrolysis in hydrofluoric acid and alkali. Endresen C, et al. **Acta Pathol Microbiol Scand [B]** 84B(5):300–4, Oct 76

Immunochemical analysis of an unusual cell wall polysaccharide from animal coagulase-positive staphylococci. 2. Probable structure based on chemical and serological studies. Endresen C, et al. **Acta Pathol Microbiol Scand [B]** 84B(5):305–8, Oct 76

Classification of coagulase-negative staphylococci in the diagnostic laboratory. Oeding P, et al. **Acta Pathol Microbiol Scand [B]** 85(2):136–42, Apr 77

Chemical and biochemical studies for the differentiation of coagulase-positive staphylococci. Schleifer KH, et al. **Arch Microbiol** 110(23):263–70, 2 Nov 76

Comparison of coagulase, deoxyribonuclease (DNase), and heat-stable nuclease tests for identification of Staphylococcus aureus. Menzies RE. **J Clin Pathol** 30(7):606–8, Jul 77

[Maceration of the interdigital spaces and gram-negative infection of feet] Neubert U, et al. **Hautarzt** 27(11):538–43, Nov 76 (Eng. Abstr.) **(Ger)**

ANALYSIS

Staphylococcal scalded skin syndrome in an adult and a child. Sturman SW, et al. **Arch Dermatol** 112(9):1275–9, Sep 76

Characteristics of coagulase-positive staphylococci from nose and tonsils of apparently healthy dogs. Keyhani M. **J Comp Pathol** 87(2):311–4, Apr 77

Staphylococcus aureus strains of phage group II and their possible relation to animal staphylococci. 2. Biochemical properties. Galiński J. **Zentralbl Bakteriol [Orig A]** 236(1):10–5, Oct 76

[The coagulase test: considerations. II note (author's transl)] Chiarini F, et al. **Ann Sclavo** 18(6):855–62, Nov–Dec 76 (Eng. Abstr.) **(Fre)**

[Characterization of staphylococci in microtiter-plates (author's transl)] Kroemer G, et al. **Zentralbl Bakteriol [Orig A]** 237(2–3):183–8, 1977 (Eng. Abstr.) **(Ger)**

[Methodologic contribution on various pathogenicity factors in staphylococci (proceedings)] Pfanzelt R, et al. **Zentralbl Bakteriol [Orig A]** 235(1–3):357–60, Aug 76 **(Ger)**

[Comparative studies of pathogenicity tests and lipolytic activity of the genus Staphylococcus (proceedings)] Ullmann U, et al. **Zentralbl Bakteriol [Orig A]** 235(1–3):98–103, Aug 76 (Eng. Abstr.) **(Ger)**

[Coagulase negative staphylococcal bacteriuria in childhood] György J, et al. **Orv Hetil** 118(4):211–2, 23 Jan 77 **(Hun)**

[So-called non-pathogenic staphylococci] Akatov AK. **Zh Mikrobiol Epidemiol Immunobiol** (7):3–8, Jul 77 (63 ref.) **(Rus)**

[Modified nephelometric method of determining the activity of extracellular staphylococcal plasmocoagulase] Shraer DP. **Zh Mikrobiol Epidemiol Immunobiol** (9):112–6, Sep 76 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

[Effect of surface-active agents on staphylococcal coagulase] Anan'eva EP, et al. **Zh Mikrobiol Epidemiol Immunobiol** (6):111–5, Jun 77 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

The identification of staphylococci in clinical and food microbiology laboratories. Sperber WH. **CRC Crit Rev Clin Lab Sci** 7(2):121–84, 1976

Effects of diethylstilbestrol on the production of various extracellular products of Staphylococcus aureus. Yotis W. **Experientia** 33(3):325–6, 15 Mar 77

Comparison of rabbit and pig plasma in the tube coagulase test. Yrios JW. **J Clin Microbiol** 5(2):221–4, Feb 77

Biochemical characteristics and phage-typing of staphylococci isolated from poultry. Kusch D. **Zentralbl Bakteriol [Orig B]** 164(4):360–7, 1977

[Increase of resistance to Pseudomonas aeruginosa infection in mice caused by Staphylococcus aureus] deRepentigny J, et al. **Can J Microbiol** 22(7):1024–33, Jul 76 (Eng. Abstr.) **(Fre)**

[An agar medium for direct enumeration of Staphylococcus aureus: pork plasma medium for S. aureus (PPSA)] Devoyod JJ, et al. **Can J Microbiol** 22(11):1603–11, Nov 76 (Eng. Abstr.) **(Fre)**

[Characteristics of the increased resistance of mice to Pseudomonas aeruginosa caused by Staphylococcus aureus] Mathieu LG, et al. **Can J Microbiol** 22(12):1734–42, Dec 76 (Eng. Abstr.) **(Fre)**

[The mechanism of coagulase production of Staphylococcus aureus] Béla E. **Orv Hetil** 118(31):1826–30, 31 Jul 77 **(Hun)**

[Studies of some biochemical characteristics and antibiotic sensitivity of 30 L strains of Staphylococcus aureus] Barbuti S. **Ann Sclavo** 18(1):44–52, Jan–Feb 76 (Eng. Abstr.) **(Ita)**

[Staphylococcus epidermidis: a saprophyte?] Del Piano M. **Recent Prog Med (Roma)** 60(2):207–32, Feb 76 (202 ref.) (Eng. Abstr.) **(Ita)**

[Changes in biochemical features and sensitivity to beta-lactam antibiotics and lysozyme in Staphylococcus aureus strains following reversion from the L-phase] Więckiewicz J. **Med Dosw Mikrobiol** 28(4):341–6, 1976 (Eng. Abstr.) **(Pol)**

[Bactericidal effect of cationic proteins of cellular origin on staphylococci] Anatolii SA, et al. **Zh Mikrobiol Epidemiol Immunobiol** (3):71–4, Mar 77 (Eng. Abstr.) **(Rus)**

[Production of extracellular plasmocoagulase in staphylococcus aureus exposed to 3,6-diaminoacridines] Shraer DP. **Zh Mikrobiol Epidemiol Immunobiol** (12):48–52, 1976 (Eng. Abstr.) **(Rus)**

BLOOD

[Staphylocoagulase and staphylothrombin] Zajdel M, et al. **Postepy Hig Med Dosw** 31(1):17–31, Jan – Feb 77 (77 ref.) (Eng. Abstr.) **(Pol)**

IMMUNOLOGY

[The coagulase test. I.] Chiarini F, et al. **Boll Ist Sieroter Milan** 55(4):353–60, 30 Sep 76 (Eng. Abstr.) **(Ita)**

ISOLATION & PURIFICATION

[Staphylocoagulase and staphylothrombin] Zajdel M, et al. **Postepy Hig Med Dosw** 31(1):17–31, Jan – Feb 77 (77 ref.) (Eng. Abstr.) **(Pol)**

METABOLISM

Spontaneous alpha-toxin mutants of Staphylococcus aureus. Dalen AB. **Acta Pathol Microbiol Scand [B]** 84B(6):333–8, Dec 76

The biochemical activity of enterotoxin and non-enterotoxin producing staphylococci. Danielsson ML, et al. **Acta Vet Scand** 18(2):266–73, 1977

[Phosphatase and coagulase activity in Staphylococcus aureus strains grown in the presence of subinhibiting doses of six antibiotics] Berlutti F, et al. **Antibiotica** 13(4):242–65, Dec 75 **(Eng, Ita)**

Single-tube mixed agglutination test for the detection of staphylococcal protein A. Maxim PE, et al. **J Clin Microbiol** 4(5):418–22, Nov 76

[Studies on coagulase-negative staphylococci. II. Caseinolytic activity on skim milk heart-infusion agar and its realtion to the pathogenicity to mice] Tseng C, et al. **J Formosan Med Assoc** 76(3):258–71, Mar 77 (Eng. Abstr.) **(Chi)**

[The coagulase test. I.] Chiarini F, et al. **Boll Ist Sieroter Milan** 55(4):353–60, 30 Sep 76 (Eng. Abstr.) **(Ita)**

[Comparative antibiotic sensitivity of different species of staphylococci isolated from humans] Bogdanova LF, et al. **Antibiotiki** 21(11):985–8, Nov 76 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

[Staphylocoagulase and staphylothrombin] Zajdel M, et al. **Postepy Hig Med Dosw** 31(1):17–31, Jan – Feb 77 (77 ref.) (Eng. Abstr.) **(Pol)**

DIET, ATHEROGENIC

Canine hyperlipoproteinemia and atherosclerosis. Accumulation of lipid by aortic medial cells in vivo and in vitro. Mahley RW, et al. **Am J Pathol** 87(1):205–25, Apr 77

Metabolic influences in experimental thrombosis. Antoniades

HN, et al. **Ann NY Acad Sci** 275:28–46, 1976

Neural factors in atherogenesis: experimental studies. Gutstein WH, et al. **Ann NY Acad Sci** 275:117–30, 1976

Changes of cyclic-AMP and cycic-AMP phosphodiesterase in the progression and regression of experimental atherosclerosis. Numano F, et al. **Ann NY Acad Sci** 275:311–20, 1976

Studies of regression of advanced atherosclerosis in experimental animals and man. Wissler RW, et al. **Ann NY Acad Sci** 275:363–78, 1976

Inhibition of cholesterol esterification in rabbit aorta by prostaglandin E2. Berberian PA, et al. **Atherosclerosis** 27(2):213–20, Jun 77

Inverse effect of chronically elevated blood flow on atherogenesis in miniature swine. Butterfield AB, et al. **Atherosclerosis** 26(2):215–24, Feb 77

Effect of cholesterol feeding on arterial lipolytic activity in the rabbit. Corey JE, et al. **Atherosclerosis** 27(2):201–12, Jun 77

Failure of regression of atherosclerosis in dogs with moderate cholesterolemia. DePalma RG, et al. **Atherosclerosis** 27(3):297–310, Jul 77

Stimulation of aortic protein synthesis in experimental rabbit atherosclerosis. Ehrhart LA, et al. **Atherosclerosis** 27(4):477–85, Aug 77

Influence of glycosaminoglycan content on mass transfer behavior of porcine artery wall. Part 2. Differences in mass transfer rates related to variations in glycosaminoglycan content. Glatz CE, et al. **Atherosclerosis** 25(2–3):165–73, Nov–Dec 76

Influence of glycosaminoglycan content of mass transfer behavior of porcine artery wall. Part 1. Diffusive transport of 45Ca2+ and 3HHO. Glatz CE, et al. **Atherosclerosis** 25(2–3):153–63, Nov–Dec 76

Aortic endothelial cell morphology observed in situ by scanning electron microscopy during atherogenesis in the rabbit. Goode TB, et al. **Atherosclerosis** 27(2):235–51, Jun 77

Failure to produce atherosclerosis in Macaca radiata on a high-methionine, high-fat, pyridoxine-deficient diet. Krishnaswamy K, et al. **Atherosclerosis** 27(3):253–8, Jul 77

Experimental atherosclerosis in rabbits fed cholesterol-free diets. Part 7. Interaction of animal or vegetable protein with fiber. Kritchevsky D, et al. **Atherosclerosis** 26(4):397–403, Apr 77

Cholesterol vehicle in experimental atherosclerosis. Part 15. Randomized butter and randomized lard. Kritchevsky D, et al. **Atherosclerosis** 27(3):339–45, Jul 77

Effects of methyl prednisolone and colchicine on the development of aortic atherosclerosis in swine. Lee WM, et al. **Atherosclerosis** 25(2–3):213–24, Nov–Dec 76

Cortisol and lysosomal stability in normal and atheromatous rats. Philip B, et al. **Atherosclerosis** 27(2):129–39, Jun 77

Effects of propranolol, minoxidil, and clofibrate on cholesterol-induced atherosclerosis in stumptail macaques (Macaca arctoides). Pick R, et al. **Atherosclerosis** 27(1):71–7, May 77

The relationship of abnormal circulating insulin levels to atherosclerosis. Stout RW. **Atherosclerosis** 27(1):1–13, May 77

Effect of phospholipids on cholesterol-induced modifications in mouse brain. Toffano G, et al. **Atherosclerosis** 26(1):59–66, Jan 77

Contrasting effects of ethane-1-hydroxy-1,1-diphosphonate (EHDP) on the regression of two types of dietary-induced atherosclerosis. Wagner WD, et al. **Atherosclerosis** 27(4):419–35, Aug 77

Effect on regression potential of atherosclerosis produced by intermittent or continuous hypercholesterolemia. Wagner WD, et al. **Atherosclerosis** 27(3):369–81, Jul 77

Aortic surface coat scanning electron-microscopic modifications after short-term hypercholesterolic diet, visualized in rabbits by con A-haemocyanin reaction. Weber G, et al. **Atherosclerosis** 27(2):141–5, Jun 77

Experimental atherosclerosis of the heart valves in rats following a long-term atherogenic regimen Záhoř Z, et al. **Atherosclerosis** 27(1):49–57, May 77

Dietary fibre and cholesterol metabolism: effect of fibre rich polysaccharide from blackgram (Phaseolus mungo) on cholesterol metabolism in rats fed normal and atherogenic diet. Menon PV, et al. **Biomedicine** 24(4):248–53, 1976

Effects of exogenus lithium upon lipid metabolism in rats fed atherogenetic diet. (preliminary note). Bertuglia S, et al. **Boll Soc Ital Biol Sper** 52(23):2009–13, 15 Dec 76

Does exercise conditioning delay progression of myocardial ischemia in coronary atherosclerotic heart disease? Froelicher VF. **Cardiovasc Clin** 8(1):11–31, 1977

The Erysichthon syndrome. Progression of coronary atherosclerosis and dietary hyperlipidemia. Nash DT, et al. **Circulation** 56(3):363–5, Sep 77

Lowering of blood pressure, plasma renin substrate, cholesterol and triglyceride by portacaval anastomosis in rats fed on a 60% sucrose/5% lard diet. Edwards KD, et al. **Clin Sci Mol Med** 51 Suppl 3:145s–146s, Dec 76

Influence of nutritional status and tobacco smoking on the development of atherosclerosis in male manual and brain workers. **Cor Vasa** 18(3):202–8, 1976

Urinary thyroxine in rats fed various diets and in renal calcium stone-forming patients. Schwille PO, et al. **Eur Urol** 2(4):196–9, 1976

Plasma and aortic lipids in experimental canine atherosclerosis. Butkus A, et al. **Exp Mol Pathol** 25(2):152–62, Oct 76

Arterial and plasma carnitine levels in rabbits: influence of age and dietary cholesterol. Gillies PJ, et al. **Exp Mol Pathol** 25(3):402–11, Dec 76

Elevation of serum cholesterol and increased fatty streaking in egg yolk:lard fed castrated miniature pigs. Khan MA, et al. **Exp Mol Pathol** 26(1):63–74, Feb 77

Influence of semipurified diets on atherosclerosis in African green monkeys. Kritchevsky D, et al. **Exp Mol Pathol** 26(1):28–51, Feb 77

Aortic collagen synthesis in rabbits following removal of atherogenic diet. Langner RO, et al. **Exp Mol Pathol** 26(2):310–7, Apr 77

The effects of atherosclerosis on the hypertrophied rabbit heart. Malik AB, et al. **Exp Mol Pathol** 25(3):293–300, Dec 76

Dissociation of obesity, hypercholesterolemia and diabetes from atherosclerosis in ob/ob mice. Yen TT, et al. **Experientia** 33(8):995–6, 15 Aug 77

Regression of experimental athrrosclerosis after low-fat and corn oil diets in nonhuman primates. pp. 91–5. Armstrong ML.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974.

The atherogenic effect of different cholesteryl esters. pp. 68–78. Gottenbos JJ.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974. (34 ref.)

Relation between type of dietary fat and arterial thrombosis in the rat and in man. pp. 119–27. Hornstra G.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974.

Aging and atherosclerosis: interactions with diet, heredity, and associated risk factors. pp. 143–95. Hazzard WR.
In: Rockstein M, Sussman ML, ed. Nutrition, longevity, and aging. New York, Academic Press, 1976. WT 104 N977 1976. (35 ref.)

L-ascorbate 2-sulfate and mobilization of cholesterol from plaque deposited in rabbit aortas. Finamore FJ, et al. **Int J Vitam Nutr Res** 47(1):62–7, 1977

Cholesterol metabolism in groups of rhesus monkeys with high or low response of serum cholesterol to an atherogenic diet. Eggen DA. **J Lipid Res** 17(6):663–73, Nov 76

Chylomicron remnant cholesteryl esters as the major constituent of very low density lipoproteins in plasma of cholesterol-fed rabbits. Ross AC, et al. **J Lipid Res** 18(2):169–81, Mar 77

Effects of edible oils on blood and arterial lipids in rats after one year's balanced normolipidic diet. Girardet M, et al. **J Med** 8(3–4):261–78, 1977

Controlling factors in the maintenance of plasma cholesterol concentration in the rabbit. Massaro ER, et al. **J Nutr** 107(4):596–605, Apr 77

Serum cholesterol [letter]. Barach AL. **JAMA** 236(23):2942, 27 Dec 76

Characterization of lipid-laden aortic cells from cholesterol-fed rabbits. I. Resolution of aortic cell populations by metrizamide density gradient centrifugation. Haley NJ, et al. **Lab Invest** 37(3):287–96, Sep 77

Regression of atherosclerosis in experimental animals and man. Wissler RW, et al. **Mod Concepts Cardiovasc Dis** 46(6):27–32, Jun 77 (19 ref.)

Plant foods and atherosclerosis. **Nutr Rev** 35(6):148–50, Jun 77 (12 ref.)

Galactosyl transferase assay. Application to experimental atherosclerosis. Aumailley M, et al. **Pathol Biol (Paris)** 24 Suppl:33–6, Dec 76

Aortic endothelial and sub-endothelial lesions in early stages of experimental atherogenesis and in scurvy. Weber G, et al. **Pathol Eur** 11(4):251–6, 1976

Stress and experimental atheroslcerosis. Petz R, et al. **Physiol Bohemoslov** 25(4):375–9, 1976

Evidence of regression of atherosclerosis in primates and man. Armstrong ML. **Postgrad Med J** 52(609):456–61, Jul 76

Primary and secondary prevention trials in coronary heart disease. Shaper AG. **Postgrad Med J** 52(609):464–9, Jul 76

Diet in the pathogenesis of ischaemic heart disease. Truswell AS. **Postgrad Med J** 52(609):424–32, Jul 76

Failure of bran to alter diet-induced hyperlipidemia in the rat. Arvanitakis C, et al. **Proc Soc Exp Biol Med** 154(4):550–2, Apr 77

Protective effects of ileal bypass versus administration of clofibrate on experimental hypercholesterolemia and atherosclerosis in monkeys. Younger RK, et al. **South Med J** 69(9):1141–2, 1145, Sep 76

Nutritional problems of affluence. Beaton GH. **WHO Monogr Ser** (62):482–99, 1976 (26 ref.)

[Nutrition and risk factors] Lutz W. **Wien Med Wochenschr** 127(7):222–5, 15 Apr 77 **(Ger)**

[Lung changes by experimentally induced cholesterol atheromatosis (author's transl)] Eckert H. **Z Erkr Atmungsorgane** 145(2):202–7, May 76 (Eng. Abstr.) **(Ger)**

[Effect of carbohydrate-poor diets on arteriosclerosis of hens in a long-term study] Sallmann HP, et al. **Zentralbl Veterinaermed [A]** 23(8):635–44, Oct 76 (Eng. Abstr.) **(Ger)**

[A new diet for inducing early experimental atherosclerosis in rabbits] Mak L, et al. **Morphol Igazsagugyi Orv Sz** 17(1):43–53, Feb 77 (Eng. Abstr.) **(Hun)**

[Histogenesis of the plaque in experimental arteriosclerosis and the problem of its regression] Weber G. **G Ital Cardiol** 6(3):367–70, 1976 **(Ita)**

[Fibrinolytic activity of rat blood following exposure to several atherogenic factors] Andreenko GV, et al. **Biol Nauki** (3):74–8, 1977 **(Rus)**

[Effect of unsaturated fatty acids, vitamin A and heparin on the initial stages of thrombin-131I clearance and the functional state of the anticoagulant system of animals following its depression by an atherogenic diet] Bazaz'ian GG, et al. **Biol Nauki** (4):69–74, 1977 **(Rus)**

[Age and characteristics of cholesterol biosynthesis in rat liver under normal conditions and during atherogenic loading] Chailo PP. **Biull Eksp Biol Med** 83(2):150–1, Feb 77 (Eng. Abstr.) **(Rus)**

[Effect of different types of excessive feeding on the state of vascular walls in rats] Nasledova ID, et al. **Biull Eksp Biol Med** 82(11):1297–8, 1976 (Eng. Abstr.) **(Rus)**

[Effect of acoustic stimulation on lipid metabolism, indices of the blood coagulation system and development of experimental atherosclerosis in rabbits] Deriagina GP, et al. **Fiziol Zh SSSR** 62(8):1171–81, Aug 76 (Eng. Abstr.) **(Rus)**

[Immunostimulating properties of blood serum of rabbits with experimental atherosclerosis] Drobiazgo LD, et al. **Kardiologiia** 17(3):118–24, Mar 77 (Eng. Abstr.) **(Rus)**

[Interrelationship of lipid metabolic disorders and hemostasis in arteriosclerosis] Khalfen ESh, et al. **Kardiologiia** 16(10):123–30, Oct 76 (Eng. Abstr.) **(Rus)**

[Quantatitative evaluation of food consumption in epidemiological studies of cardiovascular diseases] Khaltaev NG, et al. **Kardiologiia** 16(9):113–8, Sep 76 (Eng. Abstr.) **(Rus)**

[Thrombin clearance and the activity of complex heparin compounds during recovery of the function of the anticoagulation system in animals maintained on an atherogenic diet] Kudriashov BA, et al. **Kardiologiia** 16(10):138–9, Oct 76 **(Rus)**

[Importance of heparin in thrombin-131I clearance and in the complex formation processes in animals under experimental restoration of the function of the anticoagulating system] Kudriashov BA, et al. **Kardiologiia** 17(2):120–3, 1977 (Eng. Abstr.) **(Rus)**

[Dietary habits as a risk factor in development of ischemic heart disease] Khaltaev NG. **Ter Arkh** 48(6):142–8, 1976 (100 ref.) **(Rus)**

[Delay in thrombin clearance as a diagnostic test of prethrombosis in depression of the anticoagulation system caused by atherogenic diet] Kudriashov BA, et al. **Vopr Med Khim** 22(6):736–40, Nov-Dec 76 (Eng. Abstr.) **(Rus)**

[Role of lipid peroxides in the pathogenesis of arteriosclerosis. Detoxication of lipid peroxides by the glutathione-peroxidase system in the aorta] Lankin VZ, et al. **Vopr Med Khim** 22(3):392–5, May-Jun 76 (Eng. Abstr.) **(Rus)**

[Increase in the lipid peroxide content in the blood and aortas of rabbits with experimental atherosclerosis] Lankin VZ, et al. **Vopr Med Khim** 22(4):513–7, Jul-Aug 76 (Eng. Abstr.) **(Rus)**

[Lipid metabolism disorders in white rats following depression of the anticlotting system by an atherogenic diet] Bazaz'ian GG, et al. **Vopr Pitan** (2):20–5, Mar-Apr 77 (Eng. Abstr.) **(Rus)**

[Factor XIII activity in the presence of suppression of the function of the anticoagulant system and its restoration in animals on an atherogenic ration] Kudriashov BA, et al. **Vopr Pitan** (5):54–7, Sep-Oct 76 (Eng. Abstr.) **(Rus)**

[Nutrition and disease] Pokrovskii AA. **Vopr Pitan** (1):18–33, Jan-Feb 76 **(Rus)**

[Effect of an essential fatty acids free diet on the lipidic composition of rat testicles (author's transl)] Gaspar G, et al. **Acta Physiol Lat Am** 25(4):299–316, 1975 (Eng. Abstr.) **(Spa)**

[Biology of aortic grafts in animals on an atherogenic diet] Zumel M, et al. **Angiologia** 28(5):254–70, Sep-Oct 76 **(Spa)**

[Verification of the cholesterol hypothesis in atherogenesis with a model of dietary atheromatosis in chickens fed with eggs. Influence of insulin and oral antidiabetics] Valdés Chavarri M, et al. **Rev Clin Esp** 143(5):427–35, 15 Dec 76 (Eng. Abstr.) **(Spa)**

[Role of triglycerides in arteriosclerosis] Valdés Chavarri M, et al. **Rev Clin Esp** 143(4):365–72, 30 Nov 76 (Eng. Abstr.) **(Spa)**

[II. Anatomopathological study on the aortas of chickens fed with eggs (arteriosclerosis) and their comparison with the normal chickens] Valdés M. **Rev Esp Cardiol** 29(5):377–84, Sep-Oct 76 (Eng. Abstr.) **(Spa)**

[Anatomopathological study of the aortas of a group of chickens feed with eggs; comparison with normal ones] Valdes M Jr, et al. **Rev Esp Cardiol** 29(4):329–36, Jul-Aug 76 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Atherosclerosis in Macaca mulatta: histopathological, morphometric, and histochemical studies in aorta and coronary arteries of spontaneous and induced atherosclerosis. Chakravarti RN, et al. **Exp Mol Pathol** 25(3):390–401, Dec 76

EMBOLISM, AMNIOTIC FLUID

BLOOD

Hemodynamic alterations and rapid diagnosis in a case of amniotic-fluid embolus. Schaerf RH, et al. **Anesthesiology** 46(2):155–7, Feb 77

COMPLICATIONS

Coagulation disorders. Bonnar J. **J Clin Pathol [Suppl]** (10):35–41, 1976

Changes in human amniotic fluid fibrinolytic inhibitor levels during pregnancy. Aznar J, et al. **Thromb Haemostas** 35(2):382–5, 30 Apr 76

[Inferior vena caval occlusion-syndrom. Pathophysiology and clinical significance (author's transl)] Künzel W. **Z Geburtshilfe Perinatol** 181(3):135–57, Jun 77 (73 ref.) (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Hemodynamic alterations and rapid diagnosis in a case of amniotic-fluid embolus. Schaerf RH, et al. **Anesthesiology** 46(2):155–7, Feb 77

[Detection of amniotic fluid elements in blood samples collected from the right heart ventricle as a diagnostic proof of amniotic fluid embolism] Uszyński M, et al. **Ginekol Pol** 48(6):571–4, Jun 77 **(Pol)**

ETIOLOGY

Current concepts of defibrination in the pregnant woman. Kleiner GJ, et al. **J Reprod Med** 17(6):309–17, Dec 76

MORTALITY

Maternal mortality at University Teaching Hospital, Lusaka. Hickey MU, et al. **Med J Zambia** 11(3):74–8, Jun-Jul 77

Maternal mortality study. 1970–1975. Hughes EC, et al. **NY State J Med** 76(13):2206–12, Dec 76

[Histological evidence of amniotic fluid embolism] György J. **Morphol Igazsagugyi Orv Sz** 16(4):274–5, Oct 76 (Eng. Abstr.) **(Hun)**

PATHOLOGY

[Death from amniotic fluid embolism with presentation of a case] Kunchev V, et al. **Akush Ginekol (Sofiia)** 15(3):167–71, 1976 (Eng. Abstr.) **(Bul)**

[Histological evidence of amniotic fluid embolism] György J. **Morphol Igazsagugyi Orv Sz** 16(4):274–5, Oct 76 (Eng. Abstr.) **(Hun)**

[Amniotic fluid embolism--an autopsy case] Nakano M, et al. **Jpn J Clin Med** 34(6):1283–5, Jun 76 **(Jpn)**

THERAPY

Extracorporeal membrane oxygenation for acute respiratory failure. Zapol WM, et al. **Anesthesiology** 46(4):272–85, Apr 77 (103 ref.)

ETHYL BISCOUMACETATE

ANALYSIS

[Polymorphism of ethylbiscumacetate] Cameroni R, et al. **Farmaco [Prat]** 32(3):125–38, Mar 77 (Eng. Abstr.) **(Ita)**

FACTOR V

Blood coagulation, fibrinolysis and the mercurial nephrotic syndrome. Barr RD, et al. **J Trop Med Hyg** 79(10):235–6, Oct 76

Factor V. Colman RW, et al. **Methods Enzymol** 45:107–22, 1976

Smoking and platelet labile aggregation stimulating substance (LASS) synthesizing activity. Horns DJ, et al. **Thromb Res** 9(6):661–8, Dec 76

Platelet preservation V. Survival, serotonin uptake velocity, and response to hypotonic stress of fresh and cryopreserved human platelets. Odink J, et al. **Transfusion** 17(3):203–9, May–Jun 77

[The effect of oral contraceptives on levels of thyroid hormone, blood coagulation and ceruloplasmin (author's transl)] Schenk H, et al. **Munch Med Wochenschr** 119(28):941–4, 15 Jul 77 (Eng. Abstr.) **(Ger)**

ANALYSIS

Acquired coagulation factor X activity deficiency connected with Hymenoxys odorata DC (Compositae), bitterweed poisoning in sheep. Steel EG, et al. **Am J Vet Res** 37(12):1383–6, Dec 76

Evidence suggesting the regulation of a coagulation factor levels in rabbits by a transferable plasma agent. Friedman EW, et al. **Blood** 48(6):949–54, Dec 76

Factor V in an industrial population. Brozović M, et al. **Br J Haematol** 33(4):543–50, Aug 76

The pathogenesis of leptospirosis I. Hemorrhages in experimental leptospirosis in guinea pigs. Higgins R, et al. **Can J Comp Med** 41(2):174–81, Apr 77

Comparative studies on coagulation activities in normal plasmas and their mixtures. Minger AM. **Eur J Pediatr** 123(3):215–24, 1 Oct 76

Factor VII levels as a guide to prognosis in fulminant hepatic failure. Gazzard BG, et al. **Gut** 17(7):489–91, Jul 76

Changes in coagulation factors following acute myocardial infarction in man. Rennie JA, et al. **Haemostasis** 5(4):258–64, 1976

Experimentally induced stress in man: effects on blood coagulation and fibrinolysis. Palmblad J, et al. **J Psychosom Res** 21(1):87–92, 1977

The blood clotting mechanism. Esnouf MP. **Prog Clin Biol Res** 5:69–84, 1976 (105 ref.)

Bleeding in uremic patients after carbenicillin. Andrassy K, et al. **Thromb Haemostas** 36(1):115–26, 31 Aug 76

[Study of hemostasis factors in nephrotic syndrome. Pathogenic interpretation and therapeutic deductions] Bernard D, et al. **Ann Med Interne (Paris)** 128(4):325–33, Apr 77 (Eng. Abstr.) **(Fre)**

[Intravascular coagulation and severe hepatic failure in infants] Odievre M, et al. **Arch Fr Pediatr** 33(1):31–6, Jan 76 (Eng. Abstr.) **(Fre)**

[Disorders of haemostasis in patients undergoing maintenance haemodialysis, with special reference to recurrent arteriovenous fistula thrombosis. Effects of dipyridamole (author's transl)] Jacques C, et al. **Pathol Biol (Paris)** 24 Suppl:27–32, Dec 76 (Eng. Abstr.) **(Fre)**

[Determination of factors V,VII and X] Fukutake K, et al. **Jpn J Clin Med** 34 suppl:2425–32, 1976 (40 ref.) **(Jpn)**

[Disseminated intravascular coagulation in myocardial infarct] Asoskov VA. **Kardiologiia** 16(4):59–64, Apr 76 (Eng. Abstr.) **(Rus)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

BIOSYNTHESIS

Induction of a labile chicken plasma coagulation factor by choline: dose–response relations, specificity, and effects of protein synthesis inhibitors. Sorbye O. **Haemostasis** 5(3):121–8, 1976

[Anomalies of hemostasis and fetal hypotrophy] Raynaud EJ, et al. **Pediatrie** 32(3):231–9, Apr–May 77 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Factor V activity of platelets: evidence for an activated factor V molecule and for a platelet activator. Osterud B, et al. **Blood** 49(5):819–34, May 77

[Accelerin (factor V), the catobolic product of fibrinogen] Chulkova T, et al. **Biull Eksp Biol Med** 82(8):950–2, Aug 76 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Factor V. Colman RW, et al. **Methods Enzymol** 45:107–22, 1976

[Continuous EEG monitoring and clinical chemical findings in poisoning from Death cap (Amanita phalloides) (author's transl)] Berndt SF, et al. **EEG EMG** 7(2):87–91, Jun 76 **(Ger)**

[Accelerin (factor V), the catobolic product of fibrinogen] Chulkova T, et al. **Biull Eksp Biol Med** 82(8):950–2, Aug 76 (Eng. Abstr.) **(Rus)**

METABOLISM

Factor V activity of platelets: evidence for an activated factor V molecule and for a platelet activator. Osterud B, et al. **Blood** 49(5):819–34, May 77

The biochemistry of prothrombin activation. pp. 61–99. Jackson CM.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (175 ref.)

Fat embolism prophylaxis: a study of four treatment modalities. Shier MR, et al. **J Trauma** 17(8):621–9, Aug 77

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

[Role of the coagulation and fibrinolytic systems in glomerulonephritis] Ratajczak T, et al. **Postepy Hig Med Dosw** 30(6):861–72, Nov–Dec 76 **(Pol)**

[Accelerin (factor V), the catobolic product of fibrinogen] Chulkova T, et al. **Biull Eksp Biol Med** 82(8):950–2, Aug 76 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Alteration in biological properties of human albumin during storage. Pickart L, et al. **Biochem Biophys Res Commun** 74(3):961–8, 7 Feb 77

Rat liver prothrombin precursors: purification of a second, more basic form. Grant GA, et al. **Biochemistry** 15(24):5387–93, 30 Nov 76

PHYSIOLOGY

Evidence that washed human platelets possess factor-X activator activity. Semeraro N, et al. **Br J Haematol** 36(1):107–15, May 77

Factor V. Colman RW, et al. **Methods Enzymol** 45:107–22, 1976

Factor V and VIII activation 'in vivo' during bleeding. Evidence of thrombin formation at the early stage of hemostasis. Jensen AH, et al. **Pathol Biol (Paris)** 24 Suppl:6–10, Dec 76

THERAPEUTIC USE

[Concentrated antihemophilic globulin in the treatment of hemorrhagic syndromes] Baklaja F, et al. **Bilt Hematol Transfuz** 4(3):61–6, 1976 (Eng. Abstr.) **(Scr)**

FACTOR V DEFICIENCY

BLOOD

[Determination of factors V,VII and X] Fukutake K, et al. **Jpn J Clin Med** 34 suppl:2425–32, 1976 (40 ref.) **(Jpn)**

COMPLICATIONS

An immunological investigation of factor VIII associated antigen in combined factor V and factor VIII deficiency. Girolami A, et al. **Blut** 33(2):97–102, Aug 76

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)

[A case of congenital combined deficiency of factor V and factor VIII (author's transl)] Kuto F, et al. **Jpn J Clin Hematol** 18(2):153–60, Feb 77 (Eng. Abstr.) **(Jpn)**

CONGENITAL

Surgery in patients with congenital disorders of blood coagulation. Krieger JN, et al. **Ann Surg** 185(3):290–4, Mar 77

IMMUNOLOGY

An immunological investigation of factor VIII associated antigen in combined factor V and factor VIII deficiency. Girolami A, et al. **Blut** 33(2):97–102, Aug 76

PHYSIOPATHOLOGY

Evidence that washed human platelets possess factor–X activator activity. Semeraro N, et al. **Br J Haematol** 36(1):107–15, May 77

THERAPY

[Concentrated antihemophilic globulin in the treatment of hemorrhagic syndromes] Baklaja F, et al. **Bilt Hematol Transfuz** 4(3):61–6, 1976 (Eng. Abstr.) **(Scr)**

FACTOR VII

Vitamin K–dependent formation of gamma–carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157–72, 1977 (113 ref.)

Decrease of normotest/thrombotest discrepancy in non–contacted coumarin plasma after glass or ellagic acid activation. Girolami A, et al. **Blut** 33(1):41–8, Jul 76

Relationship of sialic acid to function and in vivo survival of human factor VIII/von Willebrand factor protein. Sodetz JM, et al. **J Biol Chem** 252(15):5538–46, 10 Aug 77

Bovine factor VII. Radcliffe R, et al. **Methods Enzymol** 45:49–56, 1976

The activation of human factor X in sodium citrate: the role of factor VII. Aronson DL, et al. **Thromb Haemostas** 36(1):104–14, 31 Aug 76

Molecular variant of factor VII. Briët E, et al. **Thromb Haemostas** 35(2):289–94, 30 Apr 76

[Dubin–Johnson syndrome. Effect of phenobarbital] Olaso V, et al. **Rev Clin Esp** 146(1–2):35–40, 15–31 Jul 77 (Eng. Abstr.) **(Spa)**

ADMINISTRATION & DOSAGE

[The hemophiliac as a surgical patient (author's transl)] Salzmann G, et al. **Munch Med Wochenschr** 119(20):677–84, 20 May 77 (Eng. Abstr.) **(Ger)**

ANALYSIS

Evidence suggesting the regulation of a coagulation factor levels in rabbits by a transferable plasma agent. Friedman EW, et al. **Blood** 48(6):949–54, Dec 76

A CRM–Positive variant of factor–VII deficiency and the detection of heterozygotes with the assay of factor–like antigen. Mazzucconi MG, et al. **Br J Haematol** 36(1):127–35, May 77

The effects of intramuscular norethisterone oenanthate used as a contraceptive on intravenous glucose tolerance and on blood coagulation factors VII and X. Howard G, et al. **Br J Obstet Gynaecol** 84(8):618–21, Aug 77

The influence of perinatal risk factors on the incidence of atypical coagulation factor VII during the first days of life. Maak B, et al. **Eur J Pediatr** 125(4):259–64, 12 Aug 77

Antibody neutralizing material of factor VII during the first weeks of life. Maak B, et al. **Eur J Pediatr** 125(4):255–8, 12 Aug 77

Comparative studies on coagulation activities in normal plasmas and their mixtures. Minger AM. **Eur J Pediatr** 123(3):215–24, 1 Oct 76

Factor VII levels as a guide to prognosis in fulminant hepatic failure. Gazzard BG, et al. **Gut** 17(7):489–91, Jul 76

Changes in coagulation factors following acute myocardial infarction in man. Rennie JA, et al. **Haemostasis** 5(4):258–64, 1976

Changes in coagulation factors following acute myocardial infarction in man. Rennie JA, et al. **Haemostasis** 5(4):258–64, 1976

Long–term self–administered heparin therapy for prevention and treatment of thromboembolic complications in pregnancy. pp. 247–60. Bonnar J. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Antihemophilic factor inhibitors. Management with prothrombin complex concentrates. Kelly P, et al. **JAMA** 236(18):2061–4, 1 NOV 76

The clinical significance of increased plasma levels of liver–synthesized coagulation factors in liver disease. Arnman R, et al. **Scand J Gastroenterol** 12(4):387–9, 1977

Bleeding in uremic patients after carbenicillin. Andrassy K, et al. **Thromb Haemostas** 36(1):115–26, 31 Aug 76

Oxygen–induced consumptive coagulopathy and its enhancement by lead acetate. Kiesow LA, et al. **Thromb Haemostas** 37(1):170–6, 28 Feb 77

Comparison between British Comparative Thromboplastin (BCT) and a factor II–VII–X determination method (simplastin A) based on fresh plasma samples from dicoumarol–treated patients. Korsan–Bengtsen K, et al. **Thromb Haemostas** 37(1):98–103, 28 Feb 77

The influence of ethanol feeding on the activities of factors II, VII, VIII, IX and X in rats. Morland J, et al. **Thromb Haemostas** 36(3):532–6, 31 Dec 76

The influence of the thyroid function on the metabolic rate of prothrombin, factor VII, and factor X in the rat. van Oosterom AT, et al. **Thromb Haemostas** 35(3):607–19, 30 Jun 76

An immunological investigation of hemophilia B with a tentative classification of the disease into five variants. Girolami A, et al. **Vox Sang** 32(4):230–8, 1977

[Clinical evaluation in liver diseases of a new blood coagulation test for the determination of factors II, VII and X] Pagliano FM, et al. **Arch Sci Med (Torino)** 133(4):315–20, Oct–Dec 76 (Eng. Abstr.) **(Ita)**

[Determination of factors V,VII and X] Fukutake K, et al. **Jpn J Clin Med** 34 suppl:2425–32, 1976 (40 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Dose–dependent influence of acetylsalicyclic acid on platelet functions and plasmatic coagulation factors. Loew D, et al. **Haemostasis** 5(4):239–49, 1976

The effect of antithrombin III on the activity of the coagulation factors VII, IX and X. Osterud B, et al. **Thromb Haemostas** 35(2):295–304, 30 Apr 76

BIOSYNTHESIS

Estrogen and prothrombin synthesis: effect of estrogen on absorption of vitamin K1. Jolly DW, et al. **Am J Physiol** 232(1):H12–7, Jan 77

Synthesis of clotting factors by a cell–free system from rat liver in response to the addition of vitamin K1 in vitro. Lowenthal J, et al. **Biochem Biophys Res Commun** 74(1):25–32, 10 Jan 77

The influence of perinatal risk factors on the incidence of atypical coagulation factor VII during the first days of life. Maak B, et al. **Eur J Pediatr** 125(4):259–64, 12 Aug 77

Factor VII as a marker of hepatocellular synthetic function in liver disease. Green G, et al. **J Clin Pathol** 29(11):971–5, Nov 76

Effect of warfarin on the kinetics of the vitamin K–dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

Isolated rat liver needs calcium to make bile. Owen CA Jr.

Proc Soc Exp Biol Med 155(3):314–7, Jul 77

DIAGNOSTIC USE

Detection of the carrier of haemophilia [editorial]. **Br Med J** 2(6046):1217, 20 Nov 76

IMMUNOLOGY

A CRM-Positive variant of factor-VII deficiency and the detection of heterozygotes with the assay of factor-like antigen. Mazzucconi MG, et al. **Br J Haematol** 36(1):127–35, May 77

Clotting factors and platelets. Immunofluorescence evidence that fibrinogen and factor VIII are present in human washed platelets, whereas prothrombin complex factors and factor XIII are lacking. Betterle C, et al. **Haemostasis** 6(3):171–9, 1977

Molecular variant of factor VII. Briët E, et al. **Thromb Haemostas** 35(2):289–94, 30 Apr 76

[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

ISOLATION & PURIFICATION

Purification and characterization of tissue factor apoprotein. Pitlick FA, et al. **Methods Enzymol** 45:37–48, 1976

Bovine factor VII. Radcliffe R, et al. **Methods Enzymol** 45:49–56, 1976

[Continuous EEG monitoring and clinical chemical findings in poisoning from Death cap (Amanita phalloides) (author's transl)] Berndt SF, et al. **EEG EMG** 7(2):87–91, Jun 76 **(Ger)**

[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

METABOLISM

Divalent cations and complex formation between tissue thromboplastin and factor VII. Wijngaards G, et al. **Biochem Biophys Res Commun** 77(2):658–64, 25 Jul 77

An epidemiological study of the haemostatic and other effects of oral contraceptives. Meade TW, et al. **Br J Haematol** 34(3):353–64, Nov 76

On the interaction between the anti-inflammatory substance proquazone (RU 43–715) and phenprocoumone. Vinazzer H. **Int J Clin Pharmacol Biopharm** 15(5):214–6, May 77

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

The influence of the thyroid function on the metabolic rate of prothrombin, factor VII, and factor X in the rat. van Oosterom AT, et al. **Thromb Haemostas** 35(3):607–19, 30 Jun 76

A new method for the preparation of artificial factor II reagents from normal human and bovine plasma. Vermeer C, et al. **Thromb Res** 10(3):495–507, Mar 77

[Capacity of activation of so-called deficient factors in hereditary blood coagulation disorders] Mingers AM. **Fortschr Med** 94(30):1723–5, 21 Oct 76 (Eng. Abstr.) **(Ger)**

[Effect of vitamin K on proconvertin metabolism in thyrotoxicosis] Petrishchev NN, et al. **Patol Fiziol Eksp Ter** (3):68–9, May–Jun 76 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

No effect of factor Xa or tissue thromboplastin and factor VII on the activation of plasminogen. Wiman B, et al. **Thromb Res** 9(5):523–5, Nov 76

[Treatment of hemostasis disorders in liver diseases:prothrombin-complex concentrates] Fischer M. **Z Gastroenterol** 14(6):650–3, Oct 76 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Relationship of sialic acid to function and in vivo survival of human factor VIII/von Willebrand factor protein. Sodetz JM, et al. **J Biol Chem** 252(15):5538–46, 10 Aug 77

Effect of warfarin on the kinetics of the vitamin K-dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

The blood clotting mechanism. Esnouf MP. **Prog Clin Biol Res** 5:69–84, 1976 (105 ref.)

THERAPEUTIC USE

Factor VII concentrate [letter] Dike GW, et al. **Thromb Haemostas** 37(3):572–4, 30 Jun 77

[Treatment of hemostasis disorders in liver diseases:prothrombin-complex concentrates] Fischer M. **Z Gastroenterol** 14(6):650–3, Oct 76 (Eng. Abstr.) **(Ger)**

FACTOR VIII

Antihaemophilic factor A activity, F VIII-related antigen and von Wilebrand factor in hepatic cirrhosis. Baele G, et al. **Acta Haematol (Basel)** 57(5):290–7, 1977

Von Willebrand's disease--fifty years old. Nilsson IM. **Acta Med Scand** 201(6):497–508, 1977

Factor VIII in aqueous outflow pathways [proceedings]. Pandolfi M. **Acta Ophthalmol [Suppl] (Kbh)** (125):34, 1975

Actions of ristocetin on platelets. Koutts J, et al. **Am J Hematol** 1(3):313–7, 1976

The effects of operative stress on the coagulation profile. Collins GJ Jr, et al. **Am J Surg** 133(5):612–6, May 77

Membrane alterations in connection with the release reaction in human platelets as studied by the lactoperoxidase-iodination technique and by agglutination with bovine factor VIII-related protein. Hagen I, et al. **Biochim Biophys Acta** 468(1):1–10, 4 Jul 77

Inhibition of ristocetin-induced platelet agglutination by vancomycin. Moake JL, et al. **Blood** 50(3):397–406, Sep 77

Rabbit factor VIII: identification of size heterogeneity. Rick ME, et al. **Blood** 49(2):209–17, Feb 77

An immunological investigation of factor VIII associated antigen in combined factor V and factor VIII deficiency. Girolami A, et al. **Blut** 33(2):97–102, Aug 76

Factor VIII and human platelet aggregation. III. Further studies on aggregation of humna platelets by neuraminidase-treated human factor VIII. Vermylen J, et al. **Br J Haematol** 34(2):321–30, Oct 76

Double-antibody radioimmunoassay for factor VIII-related antigen. Green D, et al. **Clin Chem** 23(9):1648–53, Sep 77

Studies on factor VIII activation potential in hemophilia A-plasma and its significance for the comprehension of hemophilia. Mingers AM. **Eur J Pediatr** 123(3):187–98, 1 Oct 76

In vitro studies on the way in which the activation of factor VIII is affected in mixtures of plasma with hemophilia A plasma. Mingers AM. **Eur J Pediatr** 123(3):199–213, 1 Oct 76

The effect of colloidal gold on blood coagulation. Sipka S, et al. **Haematologia (Budap)** 10(3–4):361–3, 1976

Factor VIII deficient plasma for laboratory tests prepared from normal plasma and a human antibody. Exner T, et al. **Haemostasis** 6(3):157–62, 1977

Von Willebrand's syndrome. Studies on a variant factor VIII. Hill FG, et al. **Haemostasis** 5(5):276–84, 1976

Stabilization of factor VIII in plasma by the von Willebrand factor. Studies on posttransfusion and dissociated factor VIII and in patients with von Willebrand's disease. Weiss HJ, et al. **J Clin Invest** 60(2):390–404, Aug 77

Inherited structural polymorphism in human C2: evidence for genetic linkage between C2 and Bf. Alper CA. **J Exp Med** 144(4):1111–5, 1 Oct 76

Studies on the prolonged bleeding time in von Willebrand's disease. Mannucci PM, et al. **J Lab Clin Med** 88(4):662–71, Oct 76

Radioactive labeling of protein carboxyl groups on factor VIII: use of carbodiimides for nuclear medicine. DeNardo SJ, et al. **J Nucl Med** 18(5):472–7, May 77

Blood coagulation, fibrinolysis and the mercurial nephrotic syndrome. Barr RD, et al. **J Trop Med Hyg** 79(10):235–6, Oct 76

Factor-VIII complex fetal growth retardation, and toxaemia [letter]. Boneu B, et al. **Lancet** 1(8005):263, 29 Jan 77

Effect of distress on factor-VIII activity [letter] Nenci GG, et al. **Lancet** 1(8026):1373, 25 Jun 77

Bovine factor VIII (antihemophilic factor). Legaz ME, et al. **Methods Enzymol** 45:83–9, 1976

Von Willebrand's disease: combined qualitative and quantitative abnormalities. Gralnick HR, et al. **N Engl J Med** 296(18):1024–30, 5 May 77

Von Willebrand's disease and the molecular pathology of hemostasis [editorial]. Nachman RL. **N Engl J Med** 296(18):1059–60, 5 May 77

Molecular weights of antihaemophilic factor and von Willebrand factor proteins in human plasma. Newman J, et al. **Nature** 263(5578):612–3, 14 Oct 76

Blood component therapy. Giving what the patient needs. McCurdy PR. **Postgrad Med** 62(2):143–7, Aug 77

Macromolecular factor VIII complex: functional and structural heterogeneity observed in von Willebrand swine with transfusion. Griggs TR, et al.

Proc Natl Acad Sci USA 74(2):759–63, Feb 77

Factor VIII (AHG) levels in 1016 regular blood donors. The effects of age, sex, and ABO blood groups. Jeremic M, et al. **Scand J Clin Lab Invest** 36(5):461–6, Sep 76

Home therapy in Argentina. de Tezanos Pinto M. **Scand J Haematol** (30):72–3, 1977

Hepatitis, type B in haemophiliacs. Relation to the source of clotting factor concentrates. Holsteen V, et al. **Scand J Haematol** 18(3):214–8, Mar 77

Comparison of the actions of thrombin and the thrombin-like venom enzymes ancrod and batroxobin. Aronson DL. **Thromb Haemostas** 36(1):9–13, 31 Aug 76

Fibrinolytic, factor VIII and pulse rate responses to repeated adrenaline infusion followed by haemorrhage. Britton BJ, et al. **Thromb Haemostas** 37(3):527–34, 30 Jun 77

The management of haemophilia in the United Kingdom. Rizza CR. **Thromb Haemostas** 35(3):559–65, 30 Jun 76

Spontaneous aggregation of low molecular weight factor viii and its prevention by 2mm cacl2. Sussman II, et al. **Thromb Res** 9(3):267–76, Sep 76

Contributions to the optimal use of human blood. VIII. Stability of blood coagulation factor VII during collection and storage of whole blood and plasma. Vermeer C, et al. **Vox Sang** 31(1 SUPPL):55–67, 1976

Surgery of hemophiliacs--20 years' experience. Invited commentary. Biggs R. **World J Surg** 1(1):67–8, Jan 77

Surgery of hemophiliacs--20 years' experience. Nilsson IM, et al. **World J Surg** 1(1):55–66, Jan 77

Surgery of hemophiliacs--20 years' experience. Invited commentary. Post M. **World J Surg** 1(1):67, Jan 77

[New viewpoints in the therapy of hemophilia (proceedings)] Thaler E, et al. **Acta Med Austriaca® [Suppl]** (3):218, 1976 **(Ger)**

[Effects of premedication, narcosis and surgery on the coagulation and fibrinolysis systems and the platelets. The influence of dextran and hydroxyethyl starch (hes) during and after operation (author's transl)] Popov-Cenić S, et al. **Anaesthesist** 26(2):77–84, Feb 77 (Eng. Abstr.) **(Ger)**

[Von Willebrand-Jürgens syndrome with a variant of factor VIII-associated antigen] Böttcher D, et al. **Blut** 33(1):33–40, Jul 76 (Eng. Abstr.) **(Ger)**

[Problems of conductor demonstration in haemophilia A: error possibilities in the determination of factor-VIII-associated antigen] Salfner B, et al. **Blut** 34(4):271–80, Apr 77 (Eng. Abstr.) **(Ger)**

[Production of an enriched factor VIII reagent] Bukurestliev A, et al. **Folia Haematol (Leipz)** 103(5):742–5, 1976 (Eng. Abstr.) **(Ger)**

[Studies on cryoprecipitates. 6. Osmolality and electrolyte conductivity] Üteg KH, et al. **Folia Haematol (Leipz)** 103(4):589–95, 1976 **(Ger)**

[Anastomosis of the vas deferens employing concentrated fibrinogen: an experimental study in rabbits (authors transl)] Pflüger H, et al. **Wien Klin Wochenschr** 88(24):800–3, 24 Dec 76 (Eng. Abstr.) **(Ger)**

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

[Physiochemical properties and structure of factor VIII] Bykowska K. **Acta Haematol Pol** 8(1):57–63, Jan-Mar 77 (40 ref.) **(Pol)**

[Advances in hematology. Willebrand's disease and hemophilia A in the light of latest studies of the factor VIII] Zawilska K. **Pol Arch Med Wewn** 56(8):179–84, Aug 76 (36 ref.) **(Pol)**

ADMINISTRATION & DOSAGE

Third-party reimbursement for pharmacist instruction about antihemophilic factor. Fudge RP, et al. **Am J Hosp Pharm** 34(8):831–4, Aug 77

Platelet function and immunologic parameters in von Willebrand's disease following cryoprecipitate and factor VIII concentrate infusion. Chediak JR, et al. **Am J Med** 62(3):369–76, Mar 77

Ocular enucleation in a patient with severe classic hemophilia A. Cardamone JM, et al. **Am J Ophthalmol** 82(5):767–9, Nov 76

Adverse reactions to factor VIII infusions [letter] Eyster ME, et al. **Ann Intern Med** 87(2):248, Aug 77

Changes in electrophoretic mobility of human factor VIII-related antigen: evidence for subunit structure. Ekert H, et al. **Br J Haematol** 36(2):271–9, Jun 77

Twice weekly prophylactic therapy in haemophilia A. Aronstam A, et al. **J Clin Pathol** 30(1):65–7, Jan 77

Hemophilia [clinical conference] Tintinalli JE. **JACEP** 6(7):326–9, Jul 77

Lesson plan for self-treatment in hemophilia. Best J. **Mt Sinai J Med NY** 44(3):470–9, May-Jun 77

Lower doses of factor VIII for hemophilia [letter] Penner JA, et al. **N Engl J Med** 297(7):401, 18 Aug 77

Haemophilia. Jones P. **Physiotherapy** 62(7):214–6, 10 Jun 76

Infusion of human and canine factor VIII in dogs with von Willebrand's disease: studies of the von Willebrand and factor VIII synthesis stimulating factors. Bouma BN, et al. **Scand J Haematol** 17(4):263–75, Oct 76

A hemophilia home care program utilizing cryoprecipitate. Shanberge JN, et al. **Scand J Haematol** (30):85–6, 1977

On the characterization of acquired inhibitors to ristocetin induced platelet aggregation found in patients with von Willebrand's disease. Egberg N, et al. **Thromb Res** 9(5):527–31, Nov 76

Graphs to facilitate the computation of patient response to platelet concentrates or antihemophiliac concentrate. Myhre BA, et al. **Transfusion** 17(2):179–80, Mar-Apr 77

[Intensive substitution therapy of hemophilics] Weissbach G, et al. **Kinderaerztl Prax** 44(8):360–7, Aug 76 **(Ger)**

[Disturbances in the healing process of wounds and their prevention (author's transl)] Gierhake FW. **Unfallheilkunde** 79(11):457–60, Nov 76 (Eng. Abstr.) **(Ger)**

[Substitution treatment in hemophilia. Critical measures and complications] Schimpf K. **Wien Med Wochenschr** 127(11):329–37, 10 Jun 77 **(Ger)**

[Factor VIII inhibitor in multitransfused hemophiliacs. A finding of varying therapeutic consequences] Ly B, et al. **Tidsskr Nor Laegeforen** 97(12):554–6, 8, 30 Apr 77 (Eng. Abstr.) **(Nor)**

ADVERSE EFFECTS

Adverse reactions to factor VIII infusions [letter] Eyster ME, et al. **Ann Intern Med** 87(2):248, Aug 77

Chronic hepatitis in hemophilia. Hasiba U, et al. **Scand J Haematol** (30):27–32, 1977

Liver dysfunction in patients with hemophilia. Hilgartner MW, et al. **Scand J Haematol** (30):6–10, 1977

Side effects of antihemophilic concentrates. Mannucci PM. **Scand J Haematol** (30):1–5, 1977

Alteration of primary hemostasis in hemophiliacs after treatment with lyophilized antihemophilic globulin. Sutor AH, et al. **Scand J Haematol** (30):33–9, 1977

ANALYSIS

Antihaemophilic factor A activity, F VIII-related antigen and von Wilebrand factor in hepatic cirrhosis. Baele G, et al. **Acta Haematol (Basel)** 57(5):290–7, 1977

Classic hemophilia A in a female. Joist JH, et al. **Acta Haematol (Basel)** 58(2):94–102, 1977

Antithrombin III and Factor VIII in patients with neoplasms. Losito R, et al. **Am J Clin Pathol** 68(2):258–62, Aug 77

Recurrent arterial thrombosis [letter]. Ozsoylu S. **Am J Dis Child** 131(3):366, Mar 77

In vivo and in vitro effects of thrombin and plasmin on human factor VIII (AHF). Lian EC, et al. **Am J Hematol** 1(4):481–91, 1976

von Willebrand's disease and hemorrhagic telangiectasia: association of two complex disorders of hemostasis resulting in life-threatening hemorrhage. Ahr DJ, et al. **Am J Med** 62(3):452–8, Mar 77

von Willebrand's disease: current concepts. Green D, et al. **Am J Med** 62(3):315–8, Mar 77

Ocular enucleation in a patient with severe classic hemophilia A. Cardamone JM, et al. **Am J Ophthalmol** 82(5):767–9, Nov 76

Sickle cell trait and hematuria associated with von Willebrand syndromes. Brody JI, et al. **Ann Intern Med** 86(5):529–33, May 77

The laboratory diagnosis of the carrier state for classic hemophilia. Ratnoff OD, et al. **Ann Intern Med** 86(5):521–8, May 77

Assessment of the value of factor VIII procoagulant and antigen ratio in the diagnosis of carriers of haemophilia. D'Souza S, et al. **Aust NZ J Med** 6(3):218–22, Jun 76

Detection of carriers of inherited disorders. Davidson RG. **Birth Defects** 12(6):189–95, 1976

Immunologic characterization of canine factor VIII. Benson RE, et al. **Blood** 48(4):521–9, Oct 76

Carriers with excessively low factor VIII procoagulant activity (VIII AHF): a study of two unrelated families with mild hemophilia A. Eyster ME, et al. **Blood** 49(4):607–18, Apr 77

Immunologic evidence that the antihemophilic factor (factor VIII)-like material in hemophilic plasma possesses a nonfunctional low molecular weight subcomponent. Poon MC, et al. **Blood** 50(3):367–76, Sep 77

Rabbit factor VIII: identification of size heterogeneity. Rick ME, et al. **Blood** 49(2):209–17, Feb 77

Factor VIII coagulant activity and factor VIII-related antigen released from isolated perfused human spleens. Pabst R, et al. **Blut** 34(1):27–30, Jan 77

Platelet function, blood coagulation and fibrinolysis in Behcet's syndrome. Stathakis NE, et al. **Blut** 34(3):215–22, Mar 77

Spectrum of von Willebrand's Disease: a study of 100 cases. Italian Working Group. **Br J Haematol** 35(1):101–12, Jan 77

Factor VIII and human platelet aggregation. I. Evience that the platelet aggregating activity of bovine factor VIII is a property of its 'carrier protein' subunit. Bottecchia D, et al. **Br J Haematol** 34(2):303–11, Oct 76

Improved factor VIII concentrate of intermediate purity [letter] Ellis D, et al. **Br J Haematol** 36(1):149–50, May 77

Relationship of factor VIII-like antigen (VIII AGN) and clot promoting acitivty (VIII AHF) as measured by one- and two-stage assays in patients with liver disease. Rogers JS, et al. **Br J Haematol** 34(4):655–61, Dec 76

Factor VIII and human platelet aggregation. III. Further studies on aggregation of humna platelets by neuraminidase-treated human factor VIII. Vermylen J, et al. **Br J Haematol** 34(2):321–30, Oct 76

Bleeding in renal failure: a possible cause. Kazatchkine M, et al. **Br Med J** 2(6036):612–5, 11 Sep 76

Bleeding in renal failure: a possible cause [letter] Nerrmann RP, et al. **Br Med J** 1(6076):1601–2, 18 Jun 77

Bleeding in renal failure: is von Willebrand factor implicated? Remuzzi G, et al. **Br Med J** 2(6083):359–61, 6 Aug 77

Factor VIII and chronic renal failure [letter]. Ruggeri ZM, et al. **Br Med J** 1(6068):1085, 23 Apr 77

The pathogenesis of leptospirosis I. Hemorrhages in experimental leptospirosis in guinea pigs. Higgins R, et al. **Can J Comp Med** 41(2):174–81, Apr 77

Comparative studies on coagulation activities in normal plasmas and their mixtures. Minger AM. **Eur J Pediatr** 123(3):215–24, 1 Oct 76

Von Willebrand's syndrome. Studies on a variant factor VIII. Hill FG, et al. **Haemostasis** 5(5):276–84, 1976

Localization of factor VIII/Von Willebrand protein on platelets. Electron microscopy study with peroxidase-labelled antibodies. pp. 479–85. Jeanneau C, et al.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.

Acquired hemophilia: a case report. Seth HK, et al.
J Am Geriatr Soc 25(2):94–5, Feb 77

Modification of factor VIII complex properties in patients with liver disease. Maisonneuve P, et al. **J Clin Pathol** 30(3):221–7, Mar 77

Coagulation disorders. Bonnar J. **J Clin Pathol [Suppl]** (10):35–41, 1976

An in vitro measurement of bleeding time. Blakely J, et al. **J Lab Clin Med** 89(6):1306–13, Jun 77

The nature of the interaction between ristocetin-Willebrand factor VIII coagulant activity molecule. Brockway WJ, et al. **J Lab Clin Med** 89(6):1295–1305, Jun 77

The substructure of antihemophilic factor (AHF, factor VIII): some clearing of the fog. Ratnoff OD. **J Lab Clin Med** 89(6):1159–62, Jun 77

Radioactive labeling of protein carboxyl groups on factor VIII: use of carbodiimides for nuclear medicine. DeNardo SJ, et al. **J Nucl Med** 18(5):472–7, May 77

Experimentally induced stress in man: effects on blood coagulation and fibrinolysis. Palmblad J, et al.
J Psychosom Res 21(1):87–92, 1977

Current concepts of defibrination in the pregnant woman. Kleiner GJ, et al. **J Reprod Med** 17(6):309–17, Dec 76

Coagulation factors influencing thrombosis of aorta-coronary bypass grafts. Zajtchuk R, et al.
J Thorac Cardiovasc Surg 73(2):309–11, Feb 77

Properties of calf endothelial cells in culture. Macarak EJ, et al. **Lab Invest** 36(1):62–7, Jan 77

Detecting haemophilia carriers [editorial] **Lancet** 2(8033):339–40, 13 Aug 77

Factor-VIII complex fetal growth retardation, and toxaemia [letter]. Boneu B, et al. **Lancet** 1(8005):263, 29 Jan 77

1-Deamino-8-d-arginine vasopressin: a new pharmacological approach to the management of haemophilia and von Willebrands' diseases. Mannucci PM, et al. **Lancet** I(8017):869–72, 23 Apr 77

Effect of distress on factor-VIII activity [letter] Nenci GG, et al. **Lancet** 1(8026):1373, 25 Jun 77

Von Willebrand disease San Diego [letter]. Veltkamp JJ, et al. **Lancet** 2(7991):909, 23 Oct 76

Genetic counseling in classic hemophilia A [editorial]. Graham JB. **N Engl J Med** 296(17):996–8, 28 Apr 77

Von Willebrand's disease: combined qualitative and quantitative abnormalities. Gralnick HR, et al.
N Engl J Med 296(18):1024–30, 5 May 77

Von Willebrand's disease [letter] Head DR, et al.
N Engl J Med 297(10):558, 8 Sep 77

A co-operative study for the detection of the carrier state of classic hemophilia. Klein HG, et al. **N Engl J Med** 296(17):959–62, 28 Apr 77

The role of coagulation and fibrinolysis in preeclampsia. Bonnar J, et al. **Perspect Nephrol Hypertens** 5:85–93, 1976

Clonal growth of bovine vascular endothelial cells: fibroblast growth factor as a survival agent. Gospodarowicz D, et al. **Proc Natl Acad Sci USA** 73(11):4120–4, Nov 76

Physical relationship between canine factor VIII coagulant activity and factor VIII-related antigen. Benson RE, et al. **Proc Soc Exp Biol Med** 153(2):339–43, Nov 76

The blood clotting mechanism. Esnouf MP.
Prog Clin Biol Res 5:69–84, 1976 (105 ref.)

Factor VIII (AHG) levels in 1016 regular blood donors. The effects of age, sex, and ABO blood groups. Jeremic M, et al. **Scand J Clin Lab Invest** 36(5):461–6, Sep 76

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)

Factor VIII in von Willebrand' disease. Irwin JF.
Semin Thromb Hemostas 2(2):85–104, Oct 75 (125 ref.)

Bleeding in uremic patients after carbenicillin. Andrassy K, et al. **Thromb Haemostas** 36(1):115–26, 31 Aug 76

The effect of beta adrenergic blockade upon exercise-induced changes in blood coagulation and fibrinolysis. Britton BJ, et al. **Thromb Haemostas** 35(2):396–402, 30 Apr 76

Family studies of patients with reduced ristocetin aggregation and abnormalities of factor VIII and/or platelet function. Ekert H, et al. **Thromb Haemostas** 36(1):78–85, 31 Aug 76

Blood coagulation and fibrinolysis in thyroid disease. Farid NR, et al. **Thromb Haemostas** 35(2):415–22, 30 Apr 76

Oxygen-induced consumptive coagulopathy and its enhancement by lead acetate. Kiesow LA, et al.
Thromb Haemostas 37(1):170–6, 28 Feb 77

The influence of ethanol feeding on the activities of factors II, VII, VIII, IX and X in rats. Morland J, et al.
Thromb Haemostas 36(3):532–6, 31 Dec 76

The recovery of factor VIII from fresh-frozen indated and outdated human plasma. Whitman DE, et al.
Thromb Haemostas 36(1):71–7, 31 Aug 76

On the characterization of acquired inhibitors to ristocetin induced platelet aggregation found in patients with von Willebrand's disease. Egberg N, et al. **Thromb Res** 9(5):527–31, Nov 76

Factor VIII and factor VIII related antigen in normal South African Blacks and a Black carrier group. Gomperts ED, et al. **Thromb Res** 9(3):293–9, Sep 76

High levels of factor VIII--related antigen in cadaveric blood. Hargreaves LN, et al. **Thromb Res** 9(3):301–5, Sep 76

The in vivo increase of factor VIII activity by 2,3-diphosphoglycerate. Iatridis PG, et al. **Thromb Res** 9(6):533–40, Dec 76

Preparation of cryoprecipitated factor VIII concentrates. Slichter SJ, et al. **Transfusion** 16(6):616–26, Nov-Dec 76

Contributions to the optimal use of human blood. VIII. Stability of blood coagulation factor VII during collection and storage of whole blood and plasma. Vermeer C, et al. **Vox Sang** 31(1 SUPPL):55–67, 1976

[Study of hemostasis factors in nephrotic syndrome. Pathogenic interpretation and therapeutic deductions] Bernard D, et al. **Ann Med Interne (Paris)** 128(4):325–33, Apr 77 (Eng. Abstr.) **(Fre)**

[Reduction of Willebrand activity in patients with chronic kidney failure] Kazatchkine M, et al.
C R Acad Sci [D] (Paris) 283(3):287–9, 19 Jul 76 (Eng. Abstr.) **(Fre)**

[Radioimmunoassay of antihemophilic factor A] Strike L, et al. **Nouv Presse Med** 5(42):2877–9, 11 Dec 76 (Eng. Abstr.) **(Fre)**

Clinical and biological studies in the Bernard-Soulier syndrome (author's trans)] Tobelem G.
Nouv Rev Fr Hematol 16(3):407–11, 1976 (Eng. Abstr.) **(Fre)**

[Von Willebrand factor activity and thrombophilic states. A review (author's transl)] Boneu B, et al.
Pathol Biol (Paris) 24 Suppl:48–53, Dec 76 (35 ref.) (Eng. Abstr.) **(Fre)**

[Disorders of haemostasis in patients undergoing maintenance haemodialysis, with special reference to recurrent arteriovenous fistula thrombosis. Effects of dipyridamole (author's transl)] Jacques C, et al. **Pathol Biol (Paris)** 24 Suppl:27–32, Dec 76 (Eng. Abstr.) **(Fre)**

[Early diagnosis of thrombosis susceptibility (proceedings)] Lechner K, et al. **Acta Med Austriaca®** [**Suppl**] (3):220–1, 1976 **(Ger)**

[Precision control of a single step determination of blood coagulation factor VIII in the plasma] Lutze G.

Folia Haematol (Leipz) 104(1):109–15, 1977 (Eng. Abstr.) **(Ger)**

[State of disease and social situation of adult hemophiliacs] Steinhausen HC. **Fortschr Med** 95(18):1231–4, 12 May 77 (Eng. Abstr.) **(Ger)**

[The pathogenesis of postoperative abdominal wound dehiscence. Part II: Hemostasiological checks during the course in selected patient groups (author's transl)] Schramm W, et al. **Munch Med Wochenschr** 119(20):690–4, 20 May 77 (Eng. Abstr.) **(Ger)**

[Structural model of factor VIII complex] Furlan M, et al. **Schweiz Med Wochenschr** 106(40):1378, 2 Oct 76 (Eng. Abstr.) **(Ger)**

[Disorders of blood coagulatiion during haemoperfusion (author's transl)] Niessner H, et al. **Wien Klin Wochenschr** 89(10):347–50, 13 May 77 (Eng. Abstr.) **(Ger)**

[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979–980):175–94, May–Jun 76 (177 ref.) **(Ita)**

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

[Concentration of factor VIII in cryoprecipitate] Shuruev AS. **Probl Gematol Pereliv Krovi** 22(1):60–1, Jan 77 **(Rus)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

[Investigations about potential coagulation activities of so called deficient factors in hereditary clotting diseases] Mingers AM. **Folia Clin Int (Barc)** 26(5):237–52, May 76 **(Spa)**

[Von Willebrand's disease] Holmberg L. **Lakartidningen** 74(18):1834–7, 4 May 77 (Eng. Abstr.) **(Swe)**

ANTAGONISTS & INHIBITORS

Borate and glycerol inhibition of the aggregation of guinea pig platelets by bovine factor VIII and ristocetin. Kuwahara SS. **Am J Hematol** 2(2):159–72, 1977

Inhibition of bovine factor VIII–induced guinea pig platelet aggregation by simple sugars and derivatives. Kuwahara SS, et al. **Am J Hematol** 2(2):173–81, 1977

NIH conference. Factor VIII. **Ann Intern Med** 86(5):598–616, May 77

Acquired circulating anticoagulant in classical hemophilia: treatment with prothrombin concentrate. Rosen R, et al. **Ariz Med** 34(5):340–2, May 77

Detection of factor VIII inhibitors with the partial thromboplastin time. Lossing TS, et al. **Blood** 49(5):793–7, May 77

Techniques for demonstration of the specificity of circulating anticoagulants against antihemophilic factor (factor VIII), with studies of two cases possibly related to diphenylhydantoin therapy. Poon MC, et al. **Blood** 49(3):477–82, Mar 77

Successful treatment with prothrombin complex concentrate of postoperative bleeding in a haemophiliac with a factor VIII inhibitor. Lowe GD, et al. **Br Med J** 2(6044):1110–1, 6 Nov 76

FEIBA in haemophiliacs with factor VIII inhibitor [letter]. Thomas T, et al. **Br Med J** 1(6052):52, 1 Jan 77

Studies on an acquired inhibition of factor VIII induced by penicillin allergy. Klein KG, et al. **Clin Exp Immunol** 26(1):155–61, Oct 76

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Abnormal platelet function by acquired circulating factor VIII inhibitor in a patient with systemic lupus erythematosus. Cortellaro M, et al. **Haematologica (Pavia)** 62(3):241–9, Jun 77

Antihemophilic factor inhibitors. Management with prothrombin complex concentrates. Kelly P, et al. **JAMA** 236(18):2061–4, 1 NOV 76

Disseminated intravascular coagulation and infusion of factor-VIII-inhibitor bypassing activity [letter]. Stenbjerg S, et al. **Lancet** 1(8007):360, 12 Feb 77

Resistance to activated F IX concentrate (FEIBA). Stenbjerg S, et al. **Scand J Haematol** 18(5):421–6, May 77

Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)

Fatal colitis in a hemophilic patient with inhibitor. Schwartz KA, et al. **South Med J** 70(5):617–9, May 77

Family studies of patients with reduced ristocetin aggregation and abnormalities of factor VIII and/or platelet function. Ekert H, et al. **Thromb Haemostas** 36(1):78–85, 31 Aug 76

Factor VIII inhibition associated with chlorpromazine–induced hepatic injury. Glazier RL, et al. **Thromb Haemostas** 37(3):523–6, 30 Jun 77

Management of haemophilia in Sweden. Nilsson IM. **Thromb Haemostas** 35(3):510–21, 30 Jun 76

On the characterization of acquired inhibitors to ristocetin induced platelet aggregation found in patients with von Willebrand's disease. Egberg N, et al. **Thromb Res** 9(5):527–31, Nov 76

[Circulating anticoagulants in disseminated lupus erythematosus. Apropos of 3 cases] Krulik M, et al. **Ann Med Interne (Paris)** 128(1):57–62, Jan 77 **(Fre)**

[Comparative study of a factor-VIII inhibitor in a non–hemophylic patient and in a patient with hemophylia A gravis] Mayer C, et al. **Sem Hop Paris** 53(25–28):1511–6, 10–20 Jul 77 (Eng. Abstr.) **(Fre)**

[A case of Osler–Rendu disease with simultaneous thrombopenia and a factor VIII inhibitor] Gola A, et al. **Folia Haematol (Leipz)** 104(1):102–8, 1977 (Eng. Abstr.) **(Ger)**

[Use of the cell–separator in the treatment of factor–VIII–inhibitor hemophilia] Piller G, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1654–9, 1976 **(Ger)**

[Determination of factor VIII inhibitor in hemophiliacs] Mancini AF, et al. **Minerva Pediatr** 28(36):2181–5, 17 Nov 76 (Eng. Abstr.) **(Ita)**

[Biochemical aspects of hemophilia] Rutberg RA. **Lab Delo** (3):185–7, 1977 **(Rus)**

BIOSYNTHESIS

Synthesis of factor VIII antigen by cultured guinea pig megakaryocytes. Nachman R, et al. **J Clin Invest** 60(4):914–21, Oct 77

Endothelial cells and the biology of factor VIII. Jaffe EA. **N Engl J Med** 296(7):377–83, 17 Feb 77

Infusion of human and canine factor VIII in dogs with von Willebrand's disease: studies of the von Willebrand and factor VIII synthesis stimulating factors. Bouma BN, et al. **Scand J Haematol** 17(4):263–75, Oct 76

The in vivo increase of factor VIII activity by 2,3–diphosphoglycerate. Iatridis PG, et al. **Thromb Res** 9(6):533–40, Dec 76

[Changes in factor VIII associated antigens in liver diseases--reasons and significance] Brunswig D, et al. **Verh Dtsch Ges Inn Med** 82 Pt 1:425–9, 1976 **(Ger)**

[Function of the spleen in blood coagulation] Lisiewicz J. **Wiad Lek** 29(19):1721–4, 10 Oct 76 (Eng. Abstr.) **(Pol)**

[Immunological studies on factor VIII in hemophilia and von Willebrand disease] Casillas G, et al. **Medicina (B Aires)** 37(3):215–22, May–Jun 77 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)

Determination of factor VIII–related antigen using commercial antisera. Chediak J, et al. **Am J Clin Pathol** 67(5):462–9, May 77

In vivo dissociation of factor VII (AHF) activity and factor VII–related antigen in von Willebrand's disease. Lian EC, et al. **Am J Hematol** 1(1):71–8, 1976

In vivo and in vitro effects of thrombin and plasmin on human factor VIII (AHF). Lian EC, et al. **Am J Hematol** 1(4):481–91, 1976

The phenotypic range of hemophilia A carriers. Graham JB, et al. **Am J Hum Genet** 28(5):482–8, Sep 76

Assessment of the value of factor VIII procoagulant and antigen ratio in the diagnosis of carriers of haemophilia. D'Souza S, et al. **Aust NZ J Med** 6(3):218–22, Jun 76

Immunologic characterization of canine factor VIII. Benson RE, et al. **Blood** 48(4):521–9, Oct 76

Circulating anticoagulant in a family with prolonged bleeding time and factor VIII deficiency. Diez-Ewald M, et al. **Blood** 49(5):799–806, May 77

Heterogeneity of factor VIII antibodies: further immunochemical and biologic studies. Hultin MB, et al. **Blood** 49(5):807–17, May 77

Characterization of human anti–factor VIII antibodies purified by immune complex formation. Lavergne JM, et al. **Blood** 48(6):931–9, Dec 76

Rabbit factor VIII: identification of size heterogeneity. Rick ME, et al. **Blood** 49(2):209–17, Feb 77

Spectrum of von Willebrand's Disease: a study of 100 cases. Italian Working Group. **Br J Haematol** 35(1):101–12, Jan 77

Haemophilia treatment in the United Kingdom from 1969 to 1974. Biggs R. **Br J Haematol** 35(4):487–504, Apr 77

Changes in electrophoretic mobility of human factor VIII–related antigen: evidence for subunit structure. Ekert H, et al. **Br J Haematol** 36(2):271–9, Jun 77

Assay and characterization of the factor in porcine and bovine

plasma which aggregates human platelets. Evans RJ, et al. **Br J Haematol** 36(1):117–26, May 77

Studies of von Willebrand factor: effects of different kinds of carbohydrate oxidases, SH-inhibitors and some other chemical reagents. Fukui H, et al. **Br J Haematol** 36(2):259–70, Jun 77

Relationship of factor VIII-like antigen (VIII AGN) and clot promoting acitivty (VIII AHF) as measured by one- and two-stage assays in patients with liver disease. Rogers JS, et al. **Br J Haematol** 34(4):655–61, Dec 76

Acquired von Willebrand syndrome with inhibitors both to factor VIII clotting activity and ristocetin-induced platelet aggregation. Stableforth P, et al. **Br J Haematol** 33(4):565–73, Aug 76

Transformation of cultured human vascular endothelium by SV40 DNA. Gimbrone MA Jr, et al. **Cell** 9(4 PT 2):685–93, Dec 76

Improved electroimmunoassay of factor VIII-related antigen. Chute A, et al. **Clin Chem** 23(3):602–3, Mar 77

Genetic predisposition to develop factor VIII antibody in classic hemophilia. Frommel D, et al. **Clin Immunol Immunopathol** 8(1):34–8, Jul 77

Clotting factors and platelets. Immunofluorescence evidence that fibrinogen and factor VIII are present in human washed platelets, whereas prothrombin complex factors and factor XIII are lacking. Betterle C, et al. **Haemostasis** 6(3):171–9, 1977

Factor-VIII-related antigen and cold-insoluble globulin in leukemias and carcinomas. Bruhn HD, et al. **Haemostasis** 5(3):189–92, 1976

Inhibition of human platelet aggregation by the proteolytic effect of streptokinase. Role of the human factor-VIII-related protein. Castillo R, et al. **Haemostasis** 5(5):306–17, 1976

Von Willebrand's syndrome. Studies on a variant factor VIII. Hill FG, et al. **Haemostasis** 5(5):276–84, 1976

Studies on the altered electrophoretic type of the factor VIII related antigen. Ananthakrishnan R, et al. **Hum Genet** 35(1): 71–7, 29 Dec 76

Synthesis of factor VIII antigen by cultured guinea pig megakaryocytes. Nachman R, et al. **J Clin Invest** 60(4):914–21, Oct 77

Immunoinhibition of ristocetin-induced platelet aggregation. Nachman RL, et al. **J Clin Invest** 59(1):143–8, Jan 77

Interaction of factor VIII antigen in hemophilic plasmas with human antibodies to factor VIII. Zimmerman TS, et al. **J Clin Invest** 59(5):984–9, May 77

Filling defects in the renal pelvis and ureter owing to bleeding secondary to acquired circulating anticoagulants. Eisenberg RL, et al. **J Urol** 116(5):662–3, Nov 76

Factor-VIII complex fetal growth retardation, and toxaemia [letter]. Boneu B, et al. **Lancet** 1(8005):263, 29 Jan 77

Ultrasonography in the management of haemophilia. McVerry BA, et al. **Lancet** I(8017):872–4, 23 Apr 77

Genetic counseling in classic hemophilia A [editorial]. Graham JB. **N Engl J Med** 296(17):996–8, 28 Apr 77

Von Willebrand's disease: combined qualitative and quantitative abnormalities. Gralnick HR, et al. **N Engl J Med** 296(18):1024–30, 5 May 77

Platelets and factor VIII in von Willebrand's disease [letter]. Green D, et al. **N Engl J Med** 296(23):1357, 9 Jun 77

Endothelial cells and the biology of factor VIII. Jaffe EA. **N Engl J Med** 296(7):377–83, 17 Feb 77

A co-operative study for the detection of the carrier state of classic hemophilia. Klein HG, et al. **N Engl J Med** 296(17):959–62, 28 Apr 77

Von Willebrand's disease and the molecular pathology of hemostasis [editorial]. Nachman RL. **N Engl J Med** 296(18):1059–60, 5 May 77

Physical relationship between canine factor VIII coagulant activity and factor VIII-related antigen. Benson RE, et al. **Proc Soc Exp Biol Med** 153(2):339–43, Nov 76

Infusion of human and canine factor VIII in dogs with von Willebrand's disease: studies of the von Willebrand and factor VIII synthesis stimulating factors. Bouma BN, et al. **Scand J Haematol** 17(4):263–75, Oct 76

Modifications of factor VIII related antigen in hemophiliacs with acute hepatitis and sub-clinical liver disease. Sultan Y, et al. **Scand J Haematol** (30):16–26, 1977

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)

Factor VIII in von Willebrand' disease. Irwin JF. **Semin Thromb Hemostas** 2(2):85–104, Oct 75 (125 ref.)

Von Willebrand's disease--history, diagnosis and management. Mammen EF. **Semin Thromb Hemostas** 2(2):61–84, Oct 75

The platelet in von Willebrand's disease: interactions with ristocetin and factor VIII. Walsh RT. **Semin Thromb Hemostas** 2(2):105–115, Oct 75 (83 ref.)

An immunological method for detection of the carrier of hemophilia B. Matsuoka M, et al. **Thromb Haemostas** 36(2):441–50, 30 Nov 76

Assay of f. VIII-related antigen in a variant of von Willebrand's disease [letter] Over J, et al. **Thromb Haemostas** 37(2):367–70, 30 Apr 77

Abnormal factor VIII related antigen (FVIIIRAG) in von Willebrand's disease (vWd): decreased precipitation by concanavalin A [letter] Peake IR, et al. **Thromb Haemostas** 37(2):361–2, 30 Apr 77

The estimation of the number of binding sites for antibody on antigen molecules with reference to factor VIII and its antibody. Pool J, et al. **Thromb Haemostas** 35(2):274–88, 30 Apr 76

The ratio of factor VIII-related antigen and factor VIII biological activity as an index of hypercoagulability and intravascular clotting. Denson KW. **Thromb Res** 10(1):107–19, Jan 77

Degradation of purified factor VIII by endogenous contaminating enzymes. Furlan M, et al. **Thromb Res** 10(1):153–8, Jan 77

Action of insolubilized homologous anti-factor VIII antibodies on factor VIII-related antigen. Mazurier C, et al. **Thromb Res** 10(5):661–7, May 77

The use of an immunoradiometric assay for factor VIII related antigen in the study of atypical Von Willebrand's disease. Peake IR, et al. **Thromb Res** 10(1):27–32, Jan 77

The characterization and synthesis of antigens related to factor VIII in vascular endothelium. Shearn SA, et al. **Thromb Res** 11(1):43–56, Jul 77

Factor VIII related antigen in platelets of patients with Von Willebrand's disease. Sultan Y, et al. **Thromb Res** 11(1):23–30, Jul 77

Preparation of cryoprecipitated factor VIII concentrates. Slichter SJ, et al. **Transfusion** 16(6):616–26, Nov-Dec 76

[Determination of HL-A antigens in antihemolytic cryprotein] Jílková H, et al. **Vnitr Lek** 22(11):113–7, Nov 76 (Eng. Abstr.) **(Cze)**

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

[Factor VIII inhibitor in multitransfused hemophiliacs. A finding of varying therapeutic consequences] Ly B, et al. **Tidsskr Nor Laegeforen** 97(12):554–6, 8, 30 Apr 77 (Eng. Abstr.) **(Nor)**

[Isolation and some properties of factor VIII (antihemophilic factor)] Bykowska K, et al. **Acta Haematol Pol** 7(4):283–92, OCT-DEC 76 (Eng. Abstr.) **(Pol)**

[Advances in hematology. Willebrand's disease and hemophilia A in the light of latest studies of the factor VIII] Zawilska K. **Pol Arch Med Wewn** 56(8):179–84, Aug 76 (36 ref.) **(Pol)**

[Immunological studies on factor VIII in hemophilia and von Willebrand disease] Casillas G, et al. **Medicina (B Aires)** 37(3):215–22, May-Jun 77 (Eng. Abstr.) **(Spa)**

ISOLATION & PURIFICATION

Factor VIII and human platelet aggregation. I. Evience that the platelet aggregating activity of bovine factor VIII is a property of its 'carrier protein' subunit. Bottecchia D, et al. **Br J Haematol** 34(2):303–11, Oct 76

Improved factor VIII concentrate of intermediate purity [letter] Ellis D, et al. **Br J Haematol** 36(1):149–50, May 77

Factor VIII and human platelet aggregation. III. Further studies on aggregation of humna platelets by neuraminidase-treated human factor VIII. Vermylen J, et al. **Br J Haematol** 34(2):321–30, Oct 76

Relationship of sialic acid to function and in vivo survival of human factor VIII/von Willebrand factor protein. Sodetz JM, et al. **J Biol Chem** 252(15):5538–46, 10 Aug 77

Stabilization of factor VIII in plasma by the von Willebrand factor. Studies on posttransfusion and dissociated factor VIII and in patients with von Willebrand's disease. Weiss HJ, et al. **J Clin Invest** 60(2):390–404, Aug 77

Bovine factor VIII (antihemophilic factor). Legaz ME, et al. **Methods Enzymol** 45:83–9, 1976

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)

Degradation of purified factor VIII by endogenous contaminating enzymes. Furlan M, et al. **Thromb Res** 10(1):153–8, Jan 77

Variations in cryoprecipitate production. Rock G, et al. **Transfusion** 17(1):50–3, Jan-Feb 77

Preparation of cryoprecipitated factor VIII concentrates. Slichter SJ, et al. **Transfusion** 16(6):616–26, Nov-Dec 76

[Production of an enriched factor VIII reagent] Bukurestliev A, et al. **Folia Haematol (Leipz)** 103(5):742–5, 1976 (Eng. Abstr.) **(Ger)**

[Factor VIII associated protein and cold-insoluble globulin in leukemias and tumors] Bruhn HD. **Verh Dtsch Ges Inn Med** 82 Pt 2:1652-4, 1976 **(Ger)**

[Formation of sub-units of antihaemophilic globulin (factor VIII) by means of high centrifugal force (author's transl)] Vukovich T, et al. **Wien Klin Wochenschr** 89(10):345-7, 13 May 77 (Eng. Abstr.) **(Ger)**

[Separation of factor VIII and factor XIII from human plasma (author's transl)] Fukui H, et al. **Acta Haematol Jpn** 39(2):163-9, APR 76 (Eng. Abstr.) **(Jpn)**

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543-59, 10 Jun 76 (94 ref.) **(Jpn)**

[Isolation and some properties of factor VIII (antihemophilic factor)] Bykowska K, et al. **Acta Haematol Pol** 7(4):283-92, OCT-DEC 76 (Eng. Abstr.) **(Pol)**

METABOLISM

In vivo dissociation of factor VII (AHF) activity and factor VII-related antigen in von Willebrand's disease. Lian EC, et al. **Am J Hematol** 1(1):71-8, 1976

The phenotypic range of hemophilia A carriers. Graham JB, et al. **Am J Hum Genet** 28(5):482-8, Sep 76

NIH conference. Factor VIII. **Ann Intern Med** 86(5):598-616, May 77

Factor V activity of platelets: evidence for an activated factor V molecule and for a platelet activator. Osterud B, et al. **Blood** 49(5):819-34, May 77

Factor VIII and human platelet aggregation. II. Characteristics of aggregation of human platelets by bovine factor VIII. Bottecchia D, et al. **Br J Haematol** 34(2):313-20, Oct 76

Factor-VIII activity and antigen, platelet count and biochemical changes after adrenoceptor stimulation. Ingram GI, et al. **Br J Haematol** 35(1):81-100, Jan 77

Thrombin activation of factor VIII: the effect of inhibitors. Rick ME, et al. **Br J Haematol** 36(4):585-97, Aug 77

Factor VIII and human platelet aggregation. III. Further studies on aggregation of humna platelets by neuraminidase-treated human factor VIII. Vermylen J, et al. **Br J Haematol** 34(2):321-30, Oct 76

Factor VIII and human platelet aggregation. IV. Effect of proteolytic enzymes on platelet aggregation by factor VIII. Vermylen J, et al. **Br J Haematol** 34(2):331-40, Oct 76

Binding of factor VIII to platelets in the presence of ristocetin. Zucker MB, et al. **Br J Haematol** 35(4):535-49, Apr 77

Inhibition of human platelet aggregation by the proteolytic effect of streptokinase. Role of the human factor-VIII-related protein. Castillo R, et al. **Haemostasis** 5(5):306-17, 1976

The role of factor XI in the coagulant activity of platelets. Connellan JM, et al. **Haemostasis** 6(1):41-52, 1977

The effect of heparin on the interaction of factor VIII and human platelets in vitro. de Marco L, et al. **Haemostasis** 6(3):163-70, 1977

Some effects of calcium on the activation of human factor VIII/Von Willebrand factor protein by thrombin. Switzer ME, et al. **J Clin Invest** 60(4):819-28, Oct 77

Stabilization of factor VIII in plasma by the von Willebrand factor. Studies on posttransfusion and dissociated factor VIII and in patients with von Willebrand's disease. Weiss HJ, et al. **J Clin Invest** 60(2):390-404, Aug 77

Disseminated intravascular coagulation associated with removal of a primary brain tumor. Case report. Matjasko MJ, et al. **J Neurosurg** 47(3):476-80, Sep 77

Experimental model of focal sclerosis. II. Correlation with immunopathologic changes, macromolecular kinetics, and polyanion loss. Velosa JA, et al. **Lab Invest** 36(5):527-34, May 77

Von Willebrand's disease and pregnancy. Krishnamurthy M, et al. **Obstet Gynecol** 49(2):244-7, Feb 77

Formation of a serine enzyme in the presence of bovine factor VIII (antihemophilic factor) and thrombin. Vehar GA, et al. **Science** 197(4301):374-6, 22 Jul 77

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301-18, Jul 77 (192 ref.)

The platelet in von Willebrand's disease: interactions with ristocetin and factor VIII. Walsh RT. **Semin Thromb Hemostas** 2(2):105-115, Oct 75 (83 ref.)

Effects of endotoxin in cortisone-treated rabbits with a hereditary deficiency of the sixth component of complement (C6 deficiency). Stafford BT, et al. **Thromb Haemostas** 35(2):460-71, 30 Apr 76

Lipolytic versus proteolytic degradation of human factor VIII. Furlan M, et al. **Thromb Res** 10(3):445-56, Mar 77

Human platelet glycoproteins. Further evidence that the 'GP I band' from whole platelets contains three different polypeptides one of which may be involved in the interaction between platelets and Factor VIII. Solum NO, et al. **Thromb Res** 10(1):71-82, Jan 77

Effect of exercise on F VIII-complex: proportional increase of ristocetin cofactor (Von Willebrand factor) and F VIII-AGN, but disproportional increase of F VIII-AHF. Stibbe J. **Thromb Res** 10(1):163-8, Jan 77

The activation of factor X evaluated by using synthetic substrates. Suomela H, et al. **Thromb Res** 10(2):267-81, Feb 77

[The laboratory diagnosis of von Willebrand's disease (author's transl)] Niessner H. **Wien Klin Wochenschr** 88(7):221-31, 2 Apr 76 (Eng. Abstr.) **(Ger)**

[Physiochemical properties and structure of factor VIII] Bykowska K. **Acta Haematol Pol** 8(1):57-63, Jan-Mar 77 (40 ref.) **(Pol)**

[Role of the coagulation and fibrinolytic systems in glomerulonephritis] Ratajczak T, et al. **Postepy Hig Med Dosw** 30(6):861-72, Nov-Dec 76 **(Pol)**

PHARMACODYNAMICS

Borate and glycerol inhibition of the aggregation of guinea pig platelets by bovine factor VIII and ristocetin. Kuwahara SS. **Am J Hematol** 2(2):159-72, 1977

New approaches to determination of specific functions of platelet membrane sites. Tobelem G, et al. **Nature** 263(5576):427-9, 30 Sep 76

ADP, ristocetin, bovine factor VII and thrombasthenic platelets [letter]. Miragliotta G, et al. **Thromb Haemostas** 36(1):286-8, 31 Aug 76

[Studies on the effect of thrombocytopenia on the rate of fibrin stabilization] Barthels M, et al. **Fortschr Med** 95(19):1281-4, 19 May 77 (Eng. Abstr.) **(Ger)**

Human platelet aggregation induced by bovine factor VIII -- Comparison with ristocetin induced platelet aggregation. **Jpn J Clin Hematol** 18(1):19-26, Jan 77 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

NIH conference. Factor VIII. **Ann Intern Med** 86(5):598-616, May 77

Assay and characterization of the factor in porcine and bovine plasma which aggregates human platelets. Evans RJ, et al. **Br J Haematol** 36(1):117-26, May 77

Studies of von Willebrand factor: effects of different kinds of carbohydrate oxidases, SH-inhibitors and some other chemical reagents. Fukui H, et al. **Br J Haematol** 36(2):259-70, Jun 77

Bovine factor VIII (antihemophilic factor). Legaz ME, et al. **Methods Enzymol** 45:83-9, 1976

Factor V and VIII activation 'in vivo' during bleeding. Evidence of thrombin formation at the early stage of hemostasis. Jensen AH, et al. **Pathol Biol (Paris)** 24 Suppl:6-10, Dec 76

Macromolecular factor VIII complex: functional and structural heterogeneity observed in von Willebrand swine with transfusion. Griggs TR, et al. **Proc Natl Acad Sci USA** 74(2):759-63, Feb 77

Physical relationship between canine factor VIII coagulant activity and factor VIII-related antigen. Benson RE, et al. **Proc Soc Exp Biol Med** 153(2):339-43, Nov 76

Fibrinogen and its derivatives: cofactors in the intrinsic generation of thrombin. Triantaphyllopoulos DC, et al. **Thromb Haemostas** 35(2):305-13, 30 Apr 76

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543-59, 10 Jun 76 (94 ref.) **(Jpn)**

STANDARDS

Improved factor VIII concentrate of intermediate purity [letter] Ellis D, et al. **Br J Haematol** 36(1):149-50, May 77

Contributions to the optimal use of human blood. VIII. Stability of blood coagulation factor VII during collection and storage of whole blood and plasma. Vermeer C, et al. **Vox Sang** 31(1 SUPPL):55-67, 1976

SUPPLY & DISTRIBUTION

Haemophilia treatment in the United Kingdom from 1969 to 1974. Biggs R. **Br J Haematol** 35(4):487-504, Apr 77

THERAPEUTIC USE

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207-28, 1977 (86 ref.)

Third-party reimbursement for pharmacist instruction about

antihemophilic factor. Fudge RP, et al. **Am J Hosp Pharm** 34(8):831–4, Aug 77

Early treatment of bleeding episodes with 10 U/kg of factor VIII [letter] Ashenhurst JB, et al. **Blood** 50(1):181–2, Jul 77

Haemophilia treatment in the United Kingdom from 1969 to 1974. Biggs R. **Br J Haematol** 35(4):487–504, Apr 77

Haemophilia Centre Director's annual statistics for 1975 [letter] Biggs R, et al. **Br J Haematol** 36(3):447–9, Jul 77

Von Willebrand's disease [editorial]. **Br Med J** 2(6038):715–6, 25 Sep 76

Haemophilia A and the blood transfusion service: a Scottish study. Cash JD, et al. **Br Med J** 2(6037):682–4, 18 Sep 76

Haptoglobin level in haemophiliacs after administration of pooled cold precipitated antihaemophilic globulin. Preliminary report. Veselý V, et al. **Haematologia (Budap)** 10(3–4):379–81, 1976

Numb-chin syndrome secondary to a spontaneous hemorrhage into a mandibular cyst: report of case. Curry JT, et al. **J Am Dent Assoc** 94(1):116–9, Jan 77

When should we use blood or blood components? Knouse CA. **J Am Osteopath Assoc** 76(8):633, 635–9 concl, Apr 77

Hemophilic arthropathy. Current concepts of pathogenesis and management. Arnold WD, et al. **J Bone Joint Surg [Am]** 59(3):287–305, Apr 77

Management of bleeding and associated complications of hemophilia in the hand and forearm. Lancourt JE, et al. **J Bone Joint Surg [Am]** 59(4):451–60, Jun 77

Twice weekly prophylactic therapy in haemophilia A. Aronstam A, et al. **J Clin Pathol** 30(1):65–7, Jan 77

Computerized tomography in the management of intracranial bleeding in hemophilia. Kinney TR, et al. **J Pediatr** 91(1):31–5, Jul 77

Antihemophilic factor concentrate therapy in von Willebrand disease. Dissociation of bleeding-time factor and ristocetin-cofactor activities. Blatt PM, et al. **JAMA** 236(24):2770–2, 13 Dec 76

Antihemophilic factor inhibitors. Management with prothrombin complex concentrates. Kelly P, et al. **JAMA** 236(18):2061–4, 1 NOV 76

Head injury in hemophiliacs [letter]. Penner JA, et al. **JAMA** 237(7):641, 14 Feb 77

Current therapy for hemophiliacs: home care and therapeutic complications. Hilgartner MW, et al. **Mt Sinai J Med NY** 44(3):316–31, May–Jun 77

Lower doses of factor VIII for hemophilia [letter] Penner JA, et al. **N Engl J Med** 297(7):401, 18 Aug 77

Haemophilia: no longer a crippling disease, Charles Norwood lecture. Ekert H. **NZ Med J** 84(570):135–9, 25 Aug 76

Haemophilia. Jones P. **Physiotherapy** 62(7):214–6, 10 Jun 76

World use of blood products for hemophilia. Aledort LM. **Scand J Haematol** (30):56–7, 1977

Projected estimation of factor VIII requirements for home treatment based on a pilot study of two haemophilic patients. Davies SH. **Scand J Haematol** (30):87–9, 1977

Chronic hepatitis in hemophilia. Hasiba U, et al. **Scand J Haematol** (30):27–32, 1977

Liver dysfunction in patients with hemophilia. Hilgartner MW, et al. **Scand J Haematol** (30):6–10, 1977

Hemophilia A prophylaxis with factor VIII concentrate in a home-treatment program: a controlled study. Schimpf K, et al. **Scand J Haematol** (30):79–80, 1977

A hemophilia home care program utilizing cryoprecipitate. Shanberge JN, et al. **Scand J Haematol** (30):85–6, 1977

Alteration of primary hemostasis in hemophiliacs after treatment with lyophilized antihemophilic globulin. Sutor AH, et al. **Scand J Haematol** (30):33–9, 1977

Factor VIII in von Willebrand' disease. Irwin JF. **Semin Thromb Hemostas** 2(2):85–104, Oct 75 (125 ref.)

Von Willebrand's disease--history, diagnosis and management. Mammen EF. **Semin Thromb Hemostas** 2(2):61–84, Oct 75

Fatal colitis in a hemophilic patient with inhibitor. Schwartz KA, et al. **South Med J** 70(5):617–9, May 77

Surgical treatment of intracranial hematoma and hydrocephalus in an infant with hemophilia A. Matsuda M, et al. **Surg Neurol** 7(4):199–203, Apr 77

Management of hemophilia in France. Allain JP. **Thromb Haemostas** 35(3):553–8, 30 Jun 76

Management of hemophilia in Spain. Martin-Villar J, et al. **Thromb Haemostas** 35(3):537–43, 30 Jun 76

A comparison of coagulation factor replacement with and without prednisolone in the treatment of haematuria in haemophilia and Christmas disease. Rizza CR, et al. **Thromb Haemostas** 37(1):86–90, 28 Feb 77

[Diagnosis of acute acquired defects of coagulation and their therapy (author's transl)] Göbel EA. **Anaesthesist** 25(9):449–53, Sep 76 (Eng. Abstr.) **(Ger)**

[Bleeding times in haemophilia patients treated with lyophilised antihaemophilic globulin (AHG) (author's transl)] Sutor AH, et al. **Dtsch Med Wochenschr** 101(47):1715–9, 19 Nov 76 (Eng. Abstr.) **(Ger)**

[Production of an enriched factor VIII reagent] Bukurestliev A, et al. **Folia Haematol (Leipz)** 103(5):742–5, 1976 (Eng. Abstr.) **(Ger)**

[The appearance of anti-thrombocyte and anti-leukocyte antibodies in hemophilia A patients after cryoprecipitate transfusions] Uteg KH, et al. **Folia Haematol (Leipz)** 103(5):771–6, 1976 (Eng. Abstr.) **(Ger)**

[Prophylactic replacement therapy in hemophilia. A case report (author's transl)] Mitterstieler G. **Paediatr Paedol** 11(2–2):469–74, 1976 (Eng. Abstr.) **(Ger)**

[Substitution treatment in hemophilia. Critical measures and complications] Schimpf K. **Wien Med Wochenschr** 127(11):329–37, 10 Jun 77 **(Ger)**

[Antihemophilic activity of donor blood] Shuruev AS. **Probl Gematol Pereliv Krovi** 21(9):45–6, 1976 **(Rus)**

[Concentrated antihemophilic globulin in the treatment of hemorrhagic syndromes] Baklaja F, et al. **Bilt Hematol Transfuz** 4(3):61–6, 1976 (Eng. Abstr.) **(Scr)**

[Another defect of the intrinsic activator of prothrombin localized in the contact phase of activation: factor DMD (Dynia-Majan-Drdlička)] Hrubišková K. **Vnitr Lek** 23(4):316–28, Apr 77 **(Slo)**

FACTOR IX

A study of some genetic markers in the Bahawalpuris of Patiala, India. Singh L, et al. **Acta Genet Med Gemellol (Roma)** 24(3–4):339–41, 1975

Vitamin K-dependent formation of gamma-carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157–72, 1977 (113 ref.)

A comparison of human prothrombin, factor IX (Christmas factor), factor X (Stuart factor), and protein S. Di Scipio RG, et al. **Biochemistry** 16(4):698–706, 22 Feb 77

Isolation and characterization of bovine factor XII (Hageman factor). Fujikawa K, et al. **Biochemistry** 16(10):2270–8, 17 May 77

Hemophilia B: characterization of genetic variants and detection of carriers. Kasper CK, et al. **Blood** 50(3):351–66, Sep 77

Factor XI and platelets: Evidence that platelets contain only minimal factor XI activity and antigen. Schiffman S, et al. **Br J Haematol** 35(3):429–36, Mar 77

Human coagulation factor IX. Isolation and characterization. Suomela H. **Eur J Biochem** 71(1):145–54, Dec 76

Identification of gamma-carboxyglutamic acid residues in bovine factors IX and X, and in a new vitamin K-dependent protein. Bucher D, et al. **FEBS Lett** 68(2):293–6, 1 Oct 76

Bovine factor IX (Christmas factor). Fujikawa K, et al. **Methods Enzymol** 45:74–83, 1976

Spectrophotometric determination of factor Xa generation in factor IX concentrates. Pepper DS, et al. **Thromb Haemostas** 37(3):535–40, 30 Jun 77

Detection of HBsAg in coagulation Factor IX concentrates. O'Connor ML, et al. **Transfusion** 17(1):44–6, Jan–Feb 77

Disseminated intravascular coagulation [letter] Rubin RN. **Transfusion** 17(4):398–9, Jul–Aug 77

Surgery of hemophiliacs--20 years' experience. Invited commentary. Biggs R. **World J Surg** 1(1):67–8, Jan 77

Surgery of hemophiliacs--20 years' experience. Nilsson IM, et al. **World J Surg** 1(1):55–66, Jan 77

Surgery of hemophiliacs--20 years' experience. Invited commentary. Post M. **World J Surg** 1(1):67, Jan 77

[New viewpoints in the therapy of hemophilia (proceedings)] Thaler E, et al. **Acta Med Austriaca® [Suppl]** (3):218, 1976 **(Ger)**

[Changes in hemostasis during epilespy treatment using dipropyl acetate. Extended study] Sutor AH, et al. **Fortschr Med** 94(8):411–4, 11 Mar 76 (Eng. Abstr.) **(Ger)**

ADMINISTRATION & DOSAGE

Mandril-grown graft for vascular access in Christmas disease. Yates AJ, et al. **Br Med J** 2(6044):1108–9, 6 Nov 76

Hemophilia [clinical conference] Tintinalli JE. **JACEP** 6(7):326–9, Jul 77

Factor IX levels in patients with hemophilia B (Christmas disease) following transfusion with concentrates of factor IX or fresh frozen plasma (FFP). Zauber NP, et al. **Medicine (Baltimore)** 56(3):213–24, May 77

[The hemophiliac as a surgical patient (author's transl)] Salzmann G, et al. **Munch Med Wochenschr** 119(20):677–84, 20 May 77 (Eng. Abstr.) **(Ger)**

[Substitution treatment in hemophilia. Critical measures and

complications] Schimpf K. **Wien Med Wochenschr** 127(11):329–37, 10 Jun 77 **(Ger)**

ADVERSE EFFECTS

In vitro thrombogenicity tests of factor IX concentrates. Pepper DS, et al. **Br J Haematol** 36(4):573–83, Aug 77

Factor IX and thrombosis. Aledort LM. **Scand J Haematol** (30):40–2, 1977

Chronic hepatitis in hemophilia. Hasiba U, et al. **Scand J Haematol** (30):27–32, 1977

Clinical use of factor IX concentrates. Bidwell E, et al. **Thromb Haemostas** 35(2):488–91, 30 Apr 76

Various prothrombin complex concentrates and their effect on coagulation and fibrinolysis in vivo. Hedner U, et al. **Thromb Haemostas** 35(2):386–95, 30 Apr 76

ANALYSIS

In vitro thrombogenicity tests of factor IX concentrates. Pepper DS, et al. **Br J Haematol** 36(4):573–83, Aug 77

Inhibitor–neutralisation assay and electro–immuno assay of human factor IX (Christmas factor). Bertina RM, et al. **Clin Chim Acta** 77(3):275–86, 15 Jun 77

Changes in coagulation factors following acute myocardial infarction in man. Rennie JA, et al. **Haemostasis** 5(4):258–64, 1976

Experimentally induced stress in man: effects on blood coagulation and fibrinolysis. Palmblad J, et al. **J Psychosom Res** 21(1):87–92, 1977

Antihemophilic factor inhibitors. Management with prothrombin complex concentrates. Kelly P, et al. **JAMA** 236(18):2061–4, 1 NOV 76

Factor IX levels in patients with hemophilia B (Christmas disease) following transfusion with concentrates of factor IX or fresh frozen plasma (FFP). Zauber NP, et al. **Medicine (Baltimore)** 56(3):213–24, May 77

Resistance to activated F IX concentrate (FEIBA). Stenbjerg S, et al. **Scand J Haematol** 18(5):421–6, May 77

Nephritic factor: its structure and function and its relationship to initiating factor of the alternative pathway. Schreiber RD, et al. **Scand J Immunol** 5(6–7):705–13, 1976

An immunological method for detection of the carrier of hemophilia B. Matsuoka M, et al. **Thromb Haemostas** 36(2):441–50, 30 Nov 76

The influence of ethanol feeding on the activities of factors II, VII, VIII, IX and X in rats. Morland J, et al. **Thromb Haemostas** 36(3):532–6, 31 Dec 76

An immunological investigation of hemophilia B with a tentative classification of the disease into five variants. Girolami A, et al. **Vox Sang** 32(4):230–8, 1977

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Immunochemical characterization of a polyclonal human antibody to factor IX. Reisner HM, et al. **Blood** 50(1):11–9, Jul 77

Prothrombin complex concentrates: potentially thrombogenic materials and clues to the mechanism of thrombosis in vivo. White GC 2d, et al. **Blood** 49(2):159–70, Feb 77

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

Dose-dependent influence of acetylsalicyclic acid on platelet functions and plasmatic coagulation factors. Loew D, et al. **Haemostasis** 5(4):239–49, 1976

The function of heparin. pp. 101–19. Rosenberg RD. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

In vitro and in vivo correlation of clotting protease activity: effect of heparin. Gitel SN, et al. **Proc Natl Acad Sci USA** 74(7):3028–32, Jul 77

The effect of antithrombin III on the activity of the coagulation factors VII, IX and X. Osterud B, et al **Thromb Haemostas** 35(2):295–304, 30 Apr 76

BIOSYNTHESIS

Effect of warfarin on the kinetics of the vitamin K–dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

IMMUNOLOGY

Immunochemical characterization of a polyclonal human antibody to factor IX. Reisner HM, et al. **Blood** 50(1):11–9, Jul 77

Haemophilia treatment in the United Kingdom from 1969 to 1974. Biggs R. **Br J Haematol** 35(4):487–504, Apr 77

Inhibitor–neutralisation assay and electro–immuno assay of human factor IX (Christmas factor). Bertina RM, et al. **Clin Chim Acta** 77(3):275–86, 15 Jun 77

Clotting factors and platelets. Immunofluorescence evidence that fibrinogen and factor VIII are present in human washed platelets, whereas prothrombin complex factors and factor XIII are lacking. Betterle C, et al. **Haemostasis** 6(3):171–9, 1977

Factor IX antigen by radioimmunoassay. Abnormal factor IX protein in patients on warfarin therapy and with hemophilia B. Thompson AR. **J Clin Invest** 59(5):900–10, May 77

Failure of immunosuppression in a severe haemophilia B patient with specific antibody. Allain JP, et al. **Thromb Haemostas** 36(1):86–9, 31 Aug 76

An immunological method for detection of the carrier of hemophilia B. Matsuoka M, et al. **Thromb Haemostas** 36(2):441–50, 30 Nov 76

Comparison of precipitating antisera against normal and abnormal factor IX. Orstavik KH. **Thromb Res** 10(5):731–41, May 77

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

ISOLATION & PURIFICATION

A comparison of human prothrombin, factor IX (Christmas factor), factor X (Stuart factor), and protein S. Di Scipio RG, et al. **Biochemistry** 16(4):698–706, 22 Feb 77

Human coagulation factor IX. Isolation and characterization. Suomela H. **Eur J Biochem** 71(1):145–54, Dec 76

Bovine factor IX (Christmas factor). Fujikawa K, et al. **Methods Enzymol** 45:74–83, 1976

Improved procedures for the purification of selected vitamin K–dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38, 1976 (95 ref.)

Preparation of factor IX concentrate from platelet–rich plasma [letter] Smith JK, et al. **Thromb Haemostas** 37(2):363–6, 30 Apr 77

Purification and properties of human factor IXa. Váradi K, et al. **Thromb Haemostas** 35(3):576–85, 30 Jun 76

Preparation and properties of a therapeutic factor IX concentrate. Suomela H, et al. **Vox Sang** 33(1):37–50, Jul 77

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

METABOLISM

Factor X activating enzyme from Russell's viper venom: isolation and characterization. Kisiel W, et al. **Biochemistry** 15(22):4901–6, 2 Nov 76

Serine proteases of coagulation and their inhibitors. pp. 189–202. Davie EW, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (46 ref.)

Factor IX antigen by radioimmunoassay. Abnormal factor IX protein in patients on warfarin therapy and with hemophilia B. Thompson AR. **J Clin Invest** 59(5):900–10, May 77

In vitro and in vivo correlation of clotting protease activity: effect of heparin. Gitel SN, et al. **Proc Natl Acad Sci USA** 74(7):3028–32, Jul 77

Nephritic factor: its structure and function and its relationship to initiating factor of the alternative pathway. Schreiber RD, et al. **Scand J Immunol** 5(6–7):705–13, 1976

Formation of a serine enzyme in the presence of bovine factor VIII (antihemophilic factor) and thrombin. Vehar GA, et al. **Science** 197(4301):374–6, 22 Jul 77

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

The activation of factor X evaluated by using synthetic substrates. Suomela H, et al. **Thromb Res** 10(2):267–81, Feb 77

[Capacity of activation of so-called deficient factors in hereditary blood coagulation disorders] Mingers AM. **Fortschr Med** 94(30):1723–5, 21 Oct 76 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Effect of warfarin on the kinetics of the vitamin K-dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

Bovine factor IX (Christmas factor). Fujikawa K, et al. **Methods Enzymol** 45:74–83, 1976

THERAPEUTIC USE

Hemolysis after factor VIII administration [letter] Ashenhurst JB, et al. **Arch Intern Med** 137(8):1088–9, Aug 77

Haemophilia treatment in the United Kingdom from 1969 to 1974. Biggs R. **Br J Haematol** 35(4):487–504, Apr 77

Successful treatment with prothrombin complex concentrate of postoperative bleeding in a haemophiliac with a factor VIII inhibitor. Lowe GD, et al. **Br Med J** 2(6044):1110–1, 6 Nov 76

Hemophilic arthropathy. Current concepts of pathogenesis and management. Arnold WD, et al. **J Bone Joint Surg [Am]** 59(3):287–305, Apr 77

Management of bleeding and associated complications of hemophilia in the hand and forearm. Lancourt JE, et al. **J Bone Joint Surg [Am]** 59(4):451–60, Jun 77

Computerized tomography in the management of intracranial bleeding in hemophilia. Kinney TR, et al. **J Pediatr** 91(1):31–5, Jul 77

Antihemophilic factor inhibitors. Management with prothrombin complex concentrates. Kelly P, et al. **JAMA** 236(18):2061–4, 1 NOV 76

Current therapy for hemophiliacs: home care and therapeutic complications. Hilgartner MW, et al. **Mt Sinai J Med NY** 44(3):316–31, May–Jun 77

Factor IX and thrombosis. Aledort LM. **Scand J Haematol** (30):40–2, 1977

Resistance to activated F IX concentrate (FEIBA). Stenbjerg S, et al. **Scand J Haematol** 18(5):421–6, May 77

Management of hemophilia in France. Allain JP. **Thromb Haemostas** 35(3):553–8, 30 Jun 76

A comparison of coagulation factor replacement with and without prednisolone in the treatment of haematuria in haemophilia and Christmas disease. Rizza CR, et al. **Thromb Haemostas** 37(1):86–90, 28 Feb 77

Treatment of amyloidosis associated factor X deficiency. Spero JA, et al. **Thromb Haemostas** 35(2):377–81, 30 Apr 76

Preparation and properties of a therapeutic factor IX concentrate. Suomela H, et al. **Vox Sang** 33(1):37–50, Jul 77

[Side-effects of anticoagulants and their prevention (author's transl)] Koller F. **Praxis** 66(2):37–41, 11 Jan 77 (Eng. Abstr.) **(Ger)**

[Substitution treatment in hemophilia. Critical measures and complications] Schimpf K. **Wien Med Wochenschr** 127(11):329–37, 10 Jun 77 **(Ger)**

[Concentrated antihemophilic globulin in the treatment of hemorrhagic syndromes] Baklaja F, et al. **Bilt Hematol Transfuz** 4(3):61–6, 1976 (Eng. Abstr.) **(Scr)**

FACTOR X

Coagulation factor XIIa (activated Hageman factor) inhibitor from adult Schistosoma mansoni. Tsang VC, et al. **Am J Trop Med Hyg** 26(2):243–7, Mar 77

Vitamin K-dependent formation of gamma-carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157–72, 1977 (113 ref.)

The interaction of clotting factor X with adsorbents containing bivalent cations. Howell RM, et al. **Biochem Soc Trans** 4(4):718–20, 1976

A comparison of human prothrombin, factor IX (Christmas factor), factor X (Stuart factor), and protein S. Di Scipio RG, et al. **Biochemistry** 16(4):698–706, 22 Feb 77

Isolation and characterization of bovine factor XII (Hageman factor). Fujikawa K, et al. **Biochemistry** 16(10):2270–8, 17 May 77

Purification and characterization of a coagulant protein from the venom of Russell's viper. Furukawa Y, et al. **Biochim Biophys Acta** 453(1):48–61, 26 Nov 76

Isolation of the high molecular form of bovine factor X and some of its physical properties. Yue RH, et al. **Biochim Biophys Acta** 490(2):350–62, 22 Feb 77

Identification of gamma-carboxyglutamic acid residues in bovine factors IX and X, and in a new vitamin K-dependent protein. Bucher D, et al. **FEBS Lett** 68(2):293–6, 1 Oct 76

A sensitive substrate for the clotting enzyme in horseshoe crab hemocytes. Nakamura S, et al. **J Biochem (Tokyo)** 81(5):1567–9, May 77

Spectral changes in bovine factor X associated with activation by the venom coagulant protein of Vipera russelli. Furie B, et al. **J Biol Chem** 251(21):6807–14, 10 Nov 76

Role of gamma-carboxyglutamic acid. Cation specificity of prothrombin and factor X-phospholipid binding. Nelsestuen GL, et al. **J Biol Chem** 251(22):6886–93, 25 Nov 76

The measurement of thrombin in clotting blood by radioimmunoassay. Shuman MA, et al. **J Clin Invest** 58(5):1249–58, Nov 76

Bovine factor X (Stuart factor). Fujikawa K, et al. **Methods Enzymol** 45:89–95, 1976

The activation of bovine coagulation factor X. Jesty J, et al. **Methods Enzymol** 45:95–107, 1976

The activation of human factor X in sodium citrate: the role of factor VII. Aronson DL, et al. **Thromb Haemostas** 36(1):104–14, 31 Aug 76

Disseminated intravascular coagulation [letter] Rubin RN. **Transfusion** 17(4):398–9, Jul–Aug 77

[The effect of oral contraceptives on levels of thyroid hormone, blood coagulation and ceruloplasmin (author's transl)] Schenk H, et al. **Munch Med Wochenschr** 119(28):941–4, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Products of bovine prothrombin citraconylation and their activation by factor Xa] Memon MS, et al. **Biokhimiia** 42(3):505–12, Mar 77 (Eng. Abstr.) **(Rus)**

[Prothrombin activation by immobilized thrombin] Strukova SM. **Biokhimiia** 41(4):643–9, Apr 76 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Syndrome of acquired factor X deficiency and systemic amyloidosis in vivo studies of the metabolic fate of factor X. Furie B, et al. **N Engl J Med** 297(2):81–5, 14 Jul 77

ADVERSE EFFECTS

Acute coagulopathy following infusion of prothrombin complex concentrate. Davey RJ, et al. **Am J Med** 60(5):719–22, 10 May 76

ANALYSIS

gamma-Carboxyglutamic acid distribution. Zytkovicz TH, et al. **Biochim Biophys Acta** 444(2):344–8, 24 Sep 76

Evidence suggesting the regulation of a coagulation factor levels in rabbits by a transferable plasma agent. Friedman EW, et al. **Blood** 48(6):949–54, Dec 76

The effects of intramuscular norethisterone oenanthate used as a contraceptive on intravenous glucose tolerance and on blood coagulation factors VII and X. Howard G, et al. **Br J Obstet Gynaecol** 84(8):618–21, Aug 77

Comparative studies on coagulation activities in normal plasmas and their mixtures. Minger AM. **Eur J Pediatr** 123(3):215–24, 1 Oct 76

Changes in coagulation factors following acute myocardial infarction in man. Rennie JA, et al. **Haemostasis** 5(4):258–64, 1976

Long-term self-administered heparin therapy for prevention and treatment of thromboembolic complications in pregnancy. pp. 247–60. Bonnar J. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 1604h 1975.**

Antihemophilic factor inhibitors. Management with prothrombin complex concentrates. Kelly P, et al. **JAMA** 236(18):2061–4, 1 NOV 76

The blood clotting mechanism. Esnouf MP. **Prog Clin Biol Res** 5:69–84, 1976 (105 ref.)

The clinical significance of increased plasma levels of liver-synthesized coagulation factors in liver disease. Arnman R, et al. **Scand J Gastroenterol** 12(4):387–9, 1977

Bleeding in uremic patients after carbenicillin. Andrassy K, et al. **Thromb Haemostas** 36(1):115–26, 31 Aug 76

The clotting of a snake (Crotalus viridis Helleri) plasma and its interaction with various snake venoms. Denson KW. **Thromb Haemostas** 35(2):314–23, 30 Apr 76

Comparison between British Comparative Thromboplastin (BCT) and a factor II-VII-X determination method (simplastin A) based on fresh plasma samples from dicoumarol-treated patients. Korsan-Bengtsen K, et al. **Thromb Haemostas** 37(1):98–103, 28 Feb 77

The influence of ethanol feeding on the activities of factors II, VII, VIII, IX and X in rats. Morland J, et al. **Thromb Haemostas** 36(3):532–6, 31 Dec 76

Spectrophotometric determination of factor Xa generation in factor IX concentrates. Pepper DS, et al. **Thromb Haemostas** 37(3):535–40, 30 Jun 77

The influence of the thyroid function on the metabolic rate

of prothrombin, factor VII, and factor X in the rat. van Oosterom AT, et al. **Thromb Haemostas** 35(3):607–19, 30 Jun 76

Properties and radioimmunoassay of canine factor X. Arai H, et al. **Thromb Res** 11(1):57–66, Jul 77

[Study of hemostasis factors in nephrotic syndrome. Pathogenic interpretation and therapeutic deductions] Bernard D, et al. **Ann Med Interne (Paris)** 128(4):325–33, Apr 77 (Eng. Abstr.) **(Fre)**

[Clinical evaluation in liver diseases of a new blood coagulation test for the determination of factors II, VII and X] Pagliano FM, et al. **Arch Sci Med (Torino)** 133(4):315–20, Oct–Dec 76 (Eng. Abstr.) **(Ita)**

[Determination of factors V,VII and X] Fukutake K, et al. **Jpn J Clin Med** 34 suppl:2425–32, 1976 (40 ref.) **(Jpn)**

[Diagnosis of Stuart–Prower disease] Papaian LP, et al. **Probl Gematol Pereliv Krovi** 22(3):46–9, Mar 77 **(Rus)**

[Another defect of the intrinsic activator of prothrombin localized in the contact phase of activation: factor DMD (Dynia–Majan–Drdlička)] Hrubišková K. **Vnitr Lek** 23(4):316–28, Apr 77 **(Slo)**

ANTAGONISTS & INHIBITORS

Lupus anticoagulant in myelofibrosis. Bernhardt B, et al. **Am J Med Sci** 272(2):229–31, Sep–Oct 76

Prothrombin complex concentrates: potentially thrombogenic materials and clues to the mechanism of thrombosis in vivo. White GC 2d, et al. **Blood** 49(2):159–70, Feb 77

The rabbit as an animal model for the activated factor X–antithrombin III–heparin reaction. Gitel SN, et al. **Circ Res** 41(2):187–91, Aug 77

Comparison of a natural heparinoid with sodium and calcium heparin for their effect on the inhibitor of activated factor X. Mannucci PM, et al. **Experientia** 32(11):1478–80, 15 Nov 76

Dose–dependent influence of acetylsalicyclic acid on platelet functions and plasmatic coagulation factors. Loew D, et al. **Haemostasis** 5(4):239–49, 1976

Antifactor Xa activity measured with amidolytic methods. Odegård OR, et al. **Haemostasis** 5(5):265–75, 1976

The function of heparin. pp. 101–19. Rosenberg RD. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.** (74 ref.)

Heparin, heparinoids and blood coagulation. pp. 121–4. Yin ET, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Estrogen–containing oral contraceptive agents. A basis for their thrombogenicity Wessler S, et al. **JAMA** 236(19):2179–82, 8 Nov 76

In vitro and in vivo correlation of clotting protease activity: effect of heparin. Gitel SN, et al. **Proc Natl Acad Sci USA** 74(7):3028–32, Jul 77

Antithrombins: clinical aspects, chemical and biologic properties. Penner JA, et al. **Prog Clin Biol Res** 5:277–300, 1976 (108 ref.)

The monitoring of heparin activity during extracorporeal circulation. Gomperts ED, et al. **S Afr Med J** 51(26):973–6, 25 Jun 77

Four heparin preparations: anti–Xa potentiating effect of heparin after subcutaneous injection. Johnson EA, et al. **Thromb Haemostas** 35(3):586–91, 30 Jun 76

The effect of antithrombin III on the activity of the coagulation factors VII, IX and X. Osterud B, et al. **Thromb Haemostas** 35(2):295–304, 30 Apr 76

Synthetic inhibitors of serine proteinases XIV.+) inhibition of Factor Xa by derivatives of benzamidine. Stürzebecher J, et al. **Thromb Res** 9(6):637–46, Dec 76

BIOSYNTHESIS

Synthesis of clotting factors by a cell–free system from rat liver in response to the addition of vitamin K1 in vitro. Lowenthal J, et al. **Biochem Biophys Res Commun** 74(1):25–32, 10 Jan 77

Effect of warfarin on the kinetics of the vitamin K–dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

IMMUNOLOGY

Clotting factors and platelets. Immunofluorescence evidence that fibrinogen and factor VIII are present in human washed platelets, whereas prothrombin complex factors and factor XIII are lacking. Betterle C, et al. **Haemostasis** 6(3):171–9, 1977

Properties and radioimmunoassay of canine factor X. Arai H, et al. **Thromb Res** 11(1):57–66, Jul 77

ISOLATION & PURIFICATION

The isolation of a new warfarin–sensitive protein from bovine plasma. Prowse CV, et al. **Biochem Soc Trans** 5(1):255–6, 1977

A comparison of human prothrombin, factor IX (Christmas factor), factor X (Stuart factor), and protein S. Di Scipio RG, et al. **Biochemistry** 16(4):698–706, 22 Feb 77

Isolation of the high molecular form of bovine factor X and some of its physical properties. Yue RH, et al. **Biochim Biophys Acta** 490(2):350–62, 22 Feb 77

Bovine factor X (Stuart factor). Fujikawa K, et al. **Methods Enzymol** 45:89–95, 1976

The activation of bovine coagulation factor X. Jesty J, et al. **Methods Enzymol** 45:95–107, 1976

Purification and characterization of tissue factor apoprotein. Pitlick FA, et al. **Methods Enzymol** 45:37–48, 1976

Improved procedures for the purification of selected vitamin K–dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38, 1976 (95 ref.)

The activation of human factor X in sodium citrate: the role of factor VII. Aronson DL, et al. **Thromb Haemostas** 36(1):104–14, 31 Aug 76

Properties and radioimmunoassay of canine factor X. Arai H, et al. **Thromb Res** 11(1):57–66, Jul 77

Purification and activation of human factor X: cooperative effect of Ca++ on the activation reaction. Kosow DP. **Thromb Res** 9(6):565–73, Dec 76

METABOLISM

The isolation of a new warfarin–sensitive protein from bovine plasma. Prowse CV, et al. **Biochem Soc Trans** 5(1):255–6, 1977

Rat liver prothrombin precursors: purification of a second, more basic form. Grant GA, et al. **Biochemistry** 15(24):5387–93, 30 Nov 76

Factor X activating enzyme from Russell's viper venom: isolation and characterization. Kisiel W, et al. **Biochemistry** 15(22):4901–6, 2 Nov 76

Evidence that washed human platelets possess factor–X activator activity. Semeraro N, et al. **Br J Haematol** 36(1):107–15, May 77

Comparison of a natural heparinoid with sodium and calcium heparin for their effect on the inhibitor of activated factor X. Mannucci PM, et al. **Experientia** 32(11):1478–80, 15 Nov 76

Heparin, heparin–activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26–34, 1977 (60 ref.)

The biochemistry of prothrombin activation. pp. 61–99. Jackson CM. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.** (175 ref.)

Coagulation, heparin and thromboembolism. pp. 283–92. Schander K, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.** (74 ref.)

Serine proteases of coagulation and their inhibitors. pp. 189–202. Davie EW, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (46 ref.)

Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. Magnusson S, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (87 ref.)

The role of proteases in biological regulation. pp. 29–42. Neurath H, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological**

regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (21 ref.)

On the interaction between the anti-inflammatory substance proquazone (RU 43-715) and phenprocoumone. Vinazzer H. **Int J Clin Pharmacol Biopharm** 15(5):214-6, May 77

Interaction of manganese with bovine factor X. Bajaj SP, et al. **J Biol Chem** 252(14):4758-61, 25 Jul 77

Spectral changes in bovine factor X associated with activation by the venom coagulant protein of Vipera russelli. Furie B, et al. **J Biol Chem** 251(21):6807-14, 10 Nov 76

Coagulant protein of Russell's viper venom. Furie BC, et al. **Methods Enzymol** 45:191-205, 1976

The activation of bovine coagulation factor X. Jesty J, et al. **Methods Enzymol** 45:95-107, 1976

Syndrome of acquired factor X deficiency and systemic amyloidosis in vivo studies of the metabolic fate of factor X. Furie B, et al. **N Engl J Med** 297(2):81-5, 14 Jul 77

Factor X deficiency and systemic amyloidosis [editorial]. Glenner GG. **N Engl J Med** 297(2):108-9, 14 Jul 77

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1-70, Jan 77 (526 ref.)

In vitro and in vivo correlation of clotting protease activity: effect of heparin. Gitel SN, et al. **Proc Natl Acad Sci USA** 74(7):3028-32, Jul 77

Formation of a serine enzyme in the presence of bovine factor VIII (antihemophilic factor) and thrombin. Vehar GA, et al. **Science** 197(4301):374-6, 22 Jul 77

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301-18, Jul 77 (192 ref.)

The influence of the thyroid function on the metabolic rate of prothrombin, factor VII, and factor X in the rat. van Oosterom AT, et al. **Thromb Haemostas** 35(3):607-19, 30 Jun 76

The activation of factor X evaluated by using synthetic substrates. Suomela H, et al. **Thromb Res** 10(2):267-81, Feb 77

A new method for the preparation of artificial factor II reagents from normal human and bovine plasma. Vermeer C, et al. **Thromb Res** 10(3):495-507, Mar 77

Human thrombin: amino acid sequence of the autocatalytically removed 13 residue A1 peptide. Walz DA, et al. **Thromb Res** 9(3):289-92, Sep 76

Factor X converting and thrombin-like activities of Bothrops jararaca snake venom. Furukawa Y, et al. **Toxicon** 15(2):97-105, 1977

PHARMACODYNAMICS

No effect of factor Xa or tissue thromboplastin and factor VII on the activation of plasminogen. Wiman B, et al. **Thromb Res** 9(5):523-5, Nov 76

PHYSIOLOGY

Coagulation, oestrogen and the menopause. Notelovitz M. **Clin Obstet Gynaecol** 4(1):107-28, Apr 77

Effect of warfarin on the kinetics of the vitamin K-dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507-17, May 77

Bovine factor X (Stuart factor). Fujikawa K, et al. **Methods Enzymol** 45:89-95, 1976

Factor V and VIII activation 'in vivo' during bleeding. Evidence of thrombin formation at the early stage of hemostasis. Jensen AH, et al. **Pathol Biol (Paris)** 24 Suppl:6-10, Dec 76

THERAPEUTIC USE

Successful treatment with prothrombin complex concentrate of postoperative bleeding in a haemophiliac with a factor VIII inhibitor. Lowe GD, et al. **Br Med J** 2(6044):1110-1, 6 Nov 76

Syndrome of acquired factor X deficiency and systemic amyloidosis in vivo studies of the metabolic fate of factor X. Furie B, et al. **N Engl J Med** 297(2):81-5, 14 Jul 77

[Concentrated antihemophilic globulin in the treatment of hemorrhagic syndromes] Baklaja F, et al. **Bilt Hematol Transfuz** 4(3):61-6, 1976 (Eng. Abstr.) **(Scr)**

URINE

Syndrome of acquired factor X deficiency and systemic amyloidosis in vivo studies of the metabolic fate of factor X. Furie B, et al. **N Engl J Med** 297(2):81-5, 14 Jul 77

FACTOR XI

Coagulation factor XIIa (activated Hageman factor) inhibitor from adult Schistosoma mansoni. Tsang VC, et al. **Am J Trop Med Hyg** 26(2):243-7, Mar 77

Isolation and characterization of bovine factor XI (plasma thromboplastin antecedent). Koide T, et al. **Biochemistry** 16(10):2279-86, 17 May 77

Factor XI and platelets: Evidence that platelets contain only minimal factor XI activity and antigen. Schiffman S, et al. **Br J Haematol** 35(3):429-36, Mar 77

The Hageman factor system: mechanism of contact activation. pp. 371-89. Griffin JH, et al. **In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m.** (48 ref.)

Bovine factor XI (plasma thromboplastin antecedent). Koide T, et al. **Methods Enzymol** 45:65-73, 1976

Active site of bovine factor XI (plasma thromboplastin antecedent). Koide T, et al. **Nature** 266(5604):729-30, 21 Apr 77

ANALYSIS

Plasma thromboplastin antecedent (PTA, factor XI): a specific and sensitive radioimmunoassay. Saito H, et al. **Blood** 50(3):377-85, Sep 77

Changes in coagulation factors following acute myocardial infarction in man. Rennie JA, et al. **Haemostasis** 5(4):258-64, 1976

An immunological investigation of hemophilia B with a tentative classification of the disease into five variants. Girolami A, et al. **Vox Sang** 32(4):230-8, 1977

Clinical and biological studies in the Bernard-Soulier syndrome (author's trans)] Tobelem G. **Nouv Rev Fr Hematol** 16(3):407-11, 1976 (Eng. Abstr.) **(Fre)**

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407-24, 1976 (294 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10-8, Jan 77 (34 ref.)

The function of heparin. pp. 101-19. Rosenberg RD. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Antithrombins: clinical aspects, chemical and biologic properties. Penner JA, et al. **Prog Clin Biol Res** 5:277-300, 1976 (108 ref.)

[Circulating anticoagulants in disseminated lupus erythematosus. Apropos of 3 cases] Krulik M, et al. **Ann Med Interne (Paris)** 128(1):57-62, Jan 77 **(Fre)**

IMMUNOLOGY

Relationship of contact activation cofactor (CAC) procoagulant activity to kininogen. Schiffman S, et al. **Blood** 49(6):935-45, Jun 77

ISOLATION & PURIFICATION

Isolation and characterization of bovine factor XI (plasma thromboplastin antecedent). Koide T, et al. **Biochemistry** 16(10):2279-86, 17 May 77

Human blood coagulation factor XI. Purification, properties, and mechanism of activation by activated factor XII. Bouma BN, et al. **J Biol Chem** 252(18):6432-7, 25 Sep 77

Bovine factor XI (plasma thromboplastin antecedent). Koide T, et al. **Methods Enzymol** 45:65-73, 1976

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1-26, Jul 76 (128 ref.)

Contact activation of factor XI: evidence that the primary role of contact activation cofactor (CAC) is to facilitate the activation of factor XII. Schiffman S, et al. **Thromb Res** 10(2):319-23, Feb 77

[Rosenthal factor and rheumatic disease in infancy] Chiappo GF, et al. **Reumatismo** 28(1):6-14, Jan-Mar 76 (Eng. Abstr.) **(Ita)**

METABOLISM

Demonstration and mode of action of an inhibitor for activated

Hageman factor (factor XIIa) of the intrinsic blood coagulation pathway from Schistosoma mansoni. Tsang VC, et al. **Blood** 49(4):619–33, Apr 77

The role of factor XI in the coagulant activity of platelets. Connellan JM, et al. **Haemostasis** 6(1):41–52, 1977

Human blood coagulation factor XI. Purification, properties, and mechanism of activation by activated factor XII. Bouma BN, et al. **J Biol Chem** 252(18):6432–7, 25 Sep 77

Activation and function of human Hageman factor. The role of high molecular weight kininogen and prekallikrein. Meier HL, et al. **J Clin Invest** 60(1):18–31, Jul 77

Purification of high molecular weight kininogen and the role of this agent in blood coagulation. Saito H. **J Clin Invest** 60(3):584–94, Sep 77

Active site of bovine factor XI (plasma thromboplastin antecedent). Koide T, et al. **Nature** 266(5604):729–30, 21 Apr 77

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

Contact activation of factor XI: evidence that the primary role of contact activation cofactor (CAC) is to facilitate the activation of factor XII. Schiffman S, et al. **Thromb Res** 10(2):319–23, Feb 77

[Plasma kallikrein: new functions] Paskhina TS. **Biokhimiia** 41(8):1347–51, Aug 76 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Relationship of contact activation cofactor (CAC) procoagulant activity to kininogen. Schiffman S, et al. **Blood** 49(6):935–45, Jun 77

The role of factor XI in the coagulant activity of platelets. Connellan JM, et al. **Haemostasis** 6(1):41–52, 1977

Bovine factor IX (Christmas factor). Fujikawa K, et al. **Methods Enzymol** 45:74–83, 1976

Bovine factor XI (plasma thromboplastin antecedent). Koide T, et al. **Methods Enzymol** 45:65–73, 1976

FACTOR XI DEFICIENCY

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

[Anesthesia in patients with hemophilia A and B] Fudeta H, et al. **Jpn J Anesthesiol** 25(7):718–23, Jul 76 (Eng. Abstr.) **(Jpn)**

BLOOD

Plasma thromboplastin antecedent (PTA, factor XI): a specific and sensitive radioimmunoassay. Saito H, et al. **Blood** 50(3):377–85, Sep 77

Factor XI and platelets: Evidence that platelets contain only minimal factor XI activity and antigen. Schiffman S, et al. **Br J Haematol** 35(3):429–36, Mar 77

A clotting defect in an Arab colt foal. Hinton M, et al. **Equine Vet J** 9(1):1–3, Jan 77

The role of factor XI in the coagulant activity of platelets. Connellan JM, et al. **Haemostasis** 6(1):41–52, 1977

Potentiation of the function of Hageman factor fragments by high molecular weight kininogen. Liu CY, et al. **J Clin Invest** 60(1):7–17, Jul 77

Activation and function of human Hageman factor. The role of high molecular weight kininogen and prekallikrein. Meier HL, et al. **J Clin Invest** 60(1):18–31, Jul 77

Bovine factor XI (plasma thromboplastin antecedent). Koide T, et al. **Methods Enzymol** 45:65–73, 1976

COMPLICATIONS

Combined deficiencies of Factor VIII (AHF) and Factor XI (PTA). Lian EC, et al. **Am J Hematol** 1(3):319–24, 1976

Factor XI deficiency, juvenile rheumatoid arthritis and systemic lupus erythematosus. Report of the first case. Blatt PM, et al. **Am J Med** 63(2):289–97, Aug 77

Coexistence of factor XI (plasma thromboplastin antecedent) deficiency and Gaucher's disease. Seligsohn U, et al. **Isr J Med Sci** 12(12):1448–52, Dec 76

Prostatectomy in factor XI deficiency. Kaufman JM. **J Urol** 117(1):75–8, Jan 77

Myositis ossificans traumatica. Association with hemophilia (factor XI deficiency) in a football player. Joki P, et al. **JAMA** 237(20):2215–6, 16 May 77

CONGENITAL

Surgery in patients with congenital disorders of blood coagulation. Krieger JN, et al. **Ann Surg** 185(3):290–4, Mar 77

DIAGNOSIS

Hemophilia. Boxer GJ. **J Indiana State Med Assoc** 70(7):573–80, Jul 77

Prostatectomy in factor XI deficiency. Kaufman JM. **J Urol** 117(1):75–8, Jan 77

ETIOLOGY

A new coagulation defect associated with a case of melanomatosis. Phillips JD, et al. **J Clin Pathol** 30(6):547–50, Jun 77

[Rosenthal factor and rheumatic disease in infancy] Chiappo GF, et al. **Reumatismo** 28(1):6–14, Jan–Mar 76 (Eng. Abstr.) **(Ita)**

FAMILIAL & GENETIC

Combined deficiencies of Factor VIII (AHF) and Factor XI (PTA). Lian EC, et al. **Am J Hematol** 1(3):319–24, 1976

Factor XI deficiency, juvenile rheumatoid arthritis and systemic lupus erythematosus. Report of the first case. Blatt PM, et al. **Am J Med** 63(2):289–97, Aug 77

Coexistence of factor XI (plasma thromboplastin antecedent) deficiency and Gaucher's disease. Seligsohn U, et al. **Isr J Med Sci** 12(12):1448–52, Dec 76

IMMUNOLOGY

Factor XI deficiency, juvenile rheumatoid arthritis and systemic lupus erythematosus. Report of the first case. Blatt PM, et al. **Am J Med** 63(2):289–97, Aug 77

METABOLISM

The binding and cleavage characteristics of human Hageman factor during contact activation. A comparison of normal plasma with plasmas deficient in factor XI, prekallikrein, or high molecular weight kininogen. Revak SD, et al. **J Clin Invest** 59(6):1167–75, Jun 77

PATHOLOGY

A clotting defect in an Arab colt foal. Hinton M, et al. **Equine Vet J** 9(1):1–3, Jan 77

PHYSIOPATHOLOGY

Combined deficiencies of Factor VIII (AHF) and Factor XI (PTA). Lian EC, et al. **Am J Hematol** 1(3):319–24, 1976

Demonstration and mode of action of an inhibitor for activated Hageman factor (factor XIIa) of the intrinsic blood coagulation pathway from Schistosoma mansoni. Tsang VC, et al. **Blood** 49(4):619–33, Apr 77

VETERINARY

A clotting defect in an Arab colt foal. Hinton M, et al. **Equine Vet J** 9(1):1–3, Jan 77

FACTOR XII

Arginine esterase in cerebrospinal fluid and pro-arginine esterase in plasma from patients with migraine. Briseid K, et al. **Acta Neurol Scand** 54(4):301–11, Oct 76

Hageman factor deficiency in ataxia telangiectasia. Kumar GK, et al. **Am J Med Sci** 272(3):353–5, Nov–Dec 76

Feline factor XII (Hageman) deficiency. Green RA, et al. **Am J Vet Res** 38(6):893–5, Jun 77

Mediators of inflammation and the modes of action of anti-inflammatory agents. Gilmore NJ. **Ann Allergy** 37(6):420–30, Dec 76

Isolation and characterization of bovine factor XII (Hageman factor). Fujikawa K, et al. **Biochemistry** 16(10):2270–8, 17 May 77

Platelet activating factor, the trigger of haemostatic alterations in rat anaphylaxis. Fésüs L, et al. **Clin Exp Immunol** 27(3):512–5, Mar 77

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Normal plasma arginine esterase and the Hageman factor (factor XII) -prekallikrein-kininogen system in cystic fibrosis. Goldsmith GH, et al. **J Lab Clin Med** 89(1):131–4, Jan 77

Combined von Willebrand disease and Hageman factor deficiency. Buchanan GR, et al. **J Pediatr** 90(5):779–81, May 77

Human factor XII (Hageman factor). Griffin JH, et al. **Methods Enzymol** 45:56–65, 1976

Hageman factor and disseminated intravascular coagulation (DIC) in newborns and rabbits. Corrigan JJ Jr, et al. **Pediatr Res** 11(8):916–20, Aug 77

Effects of t-AMCHA and EACA on the plasma kallikrein system. Nakahara M. **Thromb Haemostas** 37(1):104–10, 28 Feb 77

Hageman factor: its structure and modes of activation. Revak SD, et al. **Thromb Haemostas** 35(3):570–5, 30 Jun 76

Production of plasminogen actovatpr activity in factor XII-deficient plasma. Kluft C, et al. **Thromb Res** 10(5):759–64, May 77

Further comments on the failure of collagen to activate factor XIII [letter] Zacharski LR, et al. **Thromb Res** 10(5):771–2, May 77

[Effect of immobilized noradrenaline on human plasma arginine esterase activated by factor XII] Popova LG, et al. **Biokhimiia** 42(3):403–7, Mar 77 (Eng. Abstr.) **(Rus)**

[Study of the mechanism of adsorption and activation of enzymes of the contact phase of blood coagulation] Adadullina ZZ, et al. **Vopr Med Khim** 22(3):356–60, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Nature of the proteinase activated by the contact factor in human blood plasma] Veremeenko KN, et al. **Vopr Med Khim** (3):391–6, May–Jun 77 (Eng. Abstr.) **(Rus)**

ANALYSIS

Thromboembolism in Hageman trait. McPherson RA. **Am J Clin Pathol** 68(3):420–3, Sep 77

Effect of clofibrate on intravascular coagulation in hyperlipoproteinemia. Carvalho AC, et al. **Circulation** 56(1):114–8, Jul 77

Use of rabbit antisera in the preparation of factor-XII-free platelet-rich and platelet-poor plasma. Muntz RH, et al. **Haemostasis** 6(1):35–40, 1977

Changes in coagulation factors following acute myocardial infarction in man. Rennie JA, et al. **Haemostasis** 5(4):258–64, 1976

Shock in patients with disseminated intravascular coagulation (DIC). Matsuda T, et al. **Jpn Circ J** 41(4):376–82, Apr 77

Von Willebrand disease San Diego [letter]. Hougie C. **Lancet** 1(8002):93–4, 8 Jan 77

Von Willebrand disease San Diego [letter]. Veltkamp JJ, et al. **Lancet** 2(7991):909, 23 Oct 76

Oxygen-induced consumptive coagulopathy and its enhancement by lead acetate. Kiesow LA, et al. **Thromb Haemostas** 37(1):170–6, 28 Feb 77

Soluble fibrin complexes in coronary disease. Anaya-Galindo R, et al. **Thromb Res** 9(2):153–65, Aug 76

The diagnosis of hemostatic disorders. Kociba GJ. **Vet Clin North Am** 6(4):609–23, Nov 76

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Coagulation factor XIIa (activated Hageman factor) inhibitor from adult Schistosoma mansoni. Tsang VC, et al. **Am J Trop Med Hyg** 26(2):243–7, Mar 77

The inhibition of activated factor XII (Hageman factor) by antithrombin III: the effect of other plasma proteinase inhibitors. Chan JY, et al. **Biochem Biophys Res Commun** 74(1):150–8, 10 Jan 77

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

Failure of tranexamic acid to influence the ellagic acid-induced hypercoagulable state. Girolami A, et al. **Folia Haematol (Leipz)** 103(2):261–70, 1976

Activation and consumption of Hageman factor in the anaphylactic shock of the rat. Fésüs L, et al. **Int Arch Allergy Appl Immunol** 51(4):496–507, 1976

Inhibition of activated factor XII by antithrombin-heparin cofactor. Stead N, et al. **J Biol Chem** 251(21):6481–8, 10 Nov 76

Hageman factor and disseminated intravascular coagulation (DIC) in newborns and rabbits. Corrigan JJ Jr, et al. **Pediatr Res** 11(8):916–20, Aug 77

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

Plasma inhibitors of the Hageman factor dependent pathways. Schreiber AD. **Semin Thromb Hemostas** 3(1):32–51, Jul 76 (53 ref.)

[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov–Dec 76 (77 ref.) **(Rus)**

BIOSYNTHESIS

Demonstration and mode of action of an inhibitor for activated Hageman factor (factor XIIa) of the intrinsic blood coagulation pathway from Schistosoma mansoni. Tsang VC, et al. **Blood** 49(4):619–33, Apr 77

Hageman factor: its structure and modes of activation. Revak SD, et al. **Thromb Haemostas** 35(3):570–5, 30 Jun 76

HISTORY

Mediators of inflammation. Ratnoff OD. **J Allergy Clin Immunol** 58(3):438–46, Sep 76 (61 ref.)

IMMUNOLOGY

Circulating anticoagulant against Factor XII and platelet antibodies in systemic lupus erythematosus. Gandolfo GM, et al. **Acta Haematol (Basel)** 57(3):135–42, 1977

Use of rabbit antisera in the preparation of factor-XII-free platelet-rich and platelet-poor plasma. Muntz RH, et al. **Haemostasis** 6(1):35–40, 1977

ISOLATION & PURIFICATION

Isolation and characterization of bovine factor XII (Hageman factor). Fujikawa K, et al. **Biochemistry** 16(10):2270–8, 17 May 77

Inhibition of activated factor XII by antithrombin-heparin cofactor. Stead N, et al. **J Biol Chem** 251(21):6481–8, 10 Nov 76

The binding and cleavage characteristics of human Hageman factor during contact activation. A comparison of normal plasma with plasmas deficient in factor XI, prekallikrein, or high molecular weight kininogen. Revak SD, et al. **J Clin Invest** 59(6):1167–75, Jun 77

Human factor XII (Hageman factor). Griffin JH, et al. **Methods Enzymol** 45:56–65, 1976

METABOLISM

Possible physiological role of new peptide fragments released from bovine high molecular weight kininogen by plasma kallikrein. Oh-ishi S, et al. **Biochem Pharmacol** 26(2):115–20, 15 Jan 77

Fibrinolysis in normal plasma and blood: evidence for significant mechanisms independent of the plasminogen-plasmin system. Moroz LA, et al. **Blood** 48(4):531–45, Oct 76

The Hageman factor system: mechanism of contact activation. pp. 371–89. Griffin JH, et al. **In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m.** (48 ref.)

Mediators of inflammation. Ratnoff OD. **J Allergy Clin Immunol** 58(3):438–46, Sep 76 (61 ref.)

Human blood coagulation factor XI. Purification, properties, and mechanism of activation by activated factor XII. Bouma BN, et al. **J Biol Chem** 252(18):6432–7, 25 Sep 77

Hageman factor substrates. Human plasma prekallikrein: mechanism of activation by Hageman factor and participation in hageman factor-dependent fibrinolysis. Mandle R Jr, et al. **J Biol Chem** 252(17):6097–104, 10 Sep 77

Inhibition of activated factor XII by antithrombin-heparin cofactor. Stead N, et al. **J Biol Chem** 251(21):6481–8, 10 Nov 76

The binding and cleavage characteristics of human Hageman factor during contact activation. A comparison of normal plasma with plasmas deficient in factor XI, prekallikrein, or high molecular weight kininogen. Revak SD, et al. **J Clin Invest** 59(6):1167–75, Jun 77

Activation of factor XII by tobacco glycoprotein. Becker CG, et al. **J Exp Med** 146(2):457–67, 1 Aug 77

Hematologic changes following burns. Caprini JA, et al. **J Surg Res** 22(6):626–35, Jun 77

Identification of prekallikrein and high-molecular-weight kininogen as a complex in human plasma. Mandle RJ, et al. **Proc Natl Acad Sci USA** 73(11):4179–83, Nov 76

Detection by fluorescence of structural changes accompanying the activation of Hageman factor (factor XII). Fair BD, et al. **Proc Soc Exp Biol Med** 155(2):199–202, Jun 77

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

Plasma inhibitors of the Hageman factor dependent pathways. Schreiber AD. **Semin Thromb Hemostas** 3(1):32–51, Jul 76 (53 ref.)

Activation of factor XII (Hageman factor): enhancing effect of a potentiator. Chan JY, et al. **Thromb Res** 10(2):309–13, Feb 77

Contact activation of factor XI: evidence that the primary role of contact activation cofactor (CAC) is to facilitate the activation of factor XII. Schiffman S, et al. **Thromb Res** 10(2):319–23, Feb 77

[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov-Dec 76 (77 ref.) **(Rus)**

PHARMACODYNAMICS

Purification of high molecular weight kininogen and the role of this agent in blood coagulation. Saito H. **J Clin Invest** 60(3):584–94, Sep 77

PHYSIOLOGY

Studies of blood clotting system during dissociative anaesthesia with ketamine. Gaszynski W, et al. **Anaesth Resusc Intensive Ther** 4(1):47–51, Jan-Mar 76

Hageman complement and factor. Kim Z. **Ann Allergy** 38(3):211–4, Mar 77

Induction of inflammation by immunological reactions. pp. 2–4. Franchimont P, et al. **In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.**

The Hageman factor system: mechanism of contact activation. pp. 371–89. Griffin JH, et al. **In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m.** (48 ref.)

Activation and consumption of Hageman factor in the anaphylactic shock of the rat. Fésüs L, et al. **Int Arch Allergy Appl Immunol** 51(4):496–507, 1976

Potentiation of the function of Hageman factor fragments by high molecular weight kininogen. Liu CY, et al. **J Clin Invest** 60(1):7–17, Jul 77

Activation and function of human Hageman factor. The role of high molecular weight kininogen and prekallikrein. Meier HL, et al. **J Clin Invest** 60(1):18–31, Jul 77

Human factor XII (Hageman factor). Griffin JH, et al. **Methods Enzymol** 45:56–65, 1976

Interaction between factor XII (Hageman factor), high molecular weight kininogen and prekallikrein. Chan JY, et al. **Thromb Res** 9(5):423–33, Nov 76

[Direct action of extracorporeal circulation on platelets and coagulation factors] Baille Y, et al. **Ann Anesthesiol Fr** 18(1):43–50, 1977 (Eng. Abstr.) **(Fre)**

[Correlation of complement system with coagulation, fibrinolysis, and kinin generation] Kondo M. **Jpn J Clin Hematol** 17(1):1–14, Jan 76 (115 ref.) **(Jpn)**

[Plasma kallikrein: new functions] Paskhina TS. **Biokhimiia** 41(8):1347–51, Aug 76 (Eng. Abstr.) **(Rus)**

[Theoretical grounds of a trend of pathogenetic therapy of tuberculosis] Puzik VI, et al. **Probl Tuberk** (9):57–63, Sep 76 **(Rus)**

FACTOR XIII DEFICIENCY

Bleeding disorder with abnormal wound healing, acid-soluble clots and normal factor XIII. Ragaz S, et al. **Thromb Haemostas** 36(3):537–41, 31 Dec 76

BLOOD

Platelet aggregation in congenital factor XIII deficiency. Ozsoylu S, et al. **Acta Haematol (Basel)** 56(5):314–7, 1976

COMPLICATIONS

[Fibrin stabilization and factor XIII substitution in malignant tumors (author's transl)] Zöller H. **Arzneim Forsch** 27(7):1500–2, Jul 77 (Eng. Abstr.) **(Ger)**

CONGENITAL

Platelet aggregation in congenital factor XIII deficiency. Ozsoylu S, et al. **Acta Haematol (Basel)** 56(5):314–7, 1976

[Congenital deficiency in the fibrin stabilizing factor (factor XIII)] Duporieux J, et al. **Nouv Presse Med** 5(43):2941–3, 18 Dec 76 **(Fre)**

[Longtime therapy of congenital factor XIII deficiency using factor XIII concentrate] Egbring R, et al. **Blut** 33(6):367–76, Dec 76 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Latex agglutination-inhibition test for screening blood-clotting factor XIII in human plasma. Masuda K, et al. **Jpn J Med Sci Biol** 29(4):211–4, Aug 76

[Congenital deficiency in the fibrin stabilizing factor (factor XIII)] Duporieux J, et al. **Nouv Presse Med** 5(43):2941–3, 18 Dec 76 **(Fre)**

[Longtime therapy of congenital factor XIII deficiency using factor XIII concentrate] Egbring R, et al. **Blut** 33(6):367–76, Dec 76 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

[Longtime therapy of congenital factor XIII deficiency using factor XIII concentrate] Egbring R, et al. **Blut** 33(6):367–76, Dec 76 (Eng. Abstr.) **(Ger)**

FAMILIAL & GENETIC

[Congenital deficiency in the fibrin stabilizing factor (factor XIII)] Duporieux J, et al. **Nouv Presse Med** 5(43):2941–3, 18 Dec 76 **(Fre)**

THERAPY

Experience in the clinical use of human trace proteins. Schwick HG. **Prog Clin Biol Res** 5:147–53, 1976

FATTY STREAK, ARTERIAL

BLOOD

Elevation of serum cholesterol and increased fatty streaking in egg yolk:lard fed castrated miniature pigs. Khan MA, et al. **Exp Mol Pathol** 26(1):63–74, Feb 77

DIAGNOSIS

[Reaction forms of the human arterial wall smooth muscles--their significance for atherosclerosis] Holzner JH. **Wien Med Wochenschr** (32 Suppl):1–19, 1976 (223 ref.) **(Ger)**

ENZYMOLOGY

The human atherosclerotic plaque. Pearson TA, et al. **Am J Pathol** 86(3):657–64, Mar 77

ETIOLOGY

Aortic endothelial cell morphology observed in situ by scanning electron microscopy during atherogenesis in the rabbit. Goode TB, et al. **Atherosclerosis** 27(2):235–51, Jun 77

Resolution of lipid-containing atherosclerotic lesions induced by injury. Moore S, et al. **Blood Vessels** 14(4):193–203, 1977

Elevation of serum cholesterol and increased fatty streaking in egg yolk:lard fed castrated miniature pigs. Khan MA, et al. **Exp Mol Pathol** 26(1):63–74, Feb 77

Pathogenesis of atherosclerosis. Gorlin R. **Major Probl Intern Med** 11:29–39, 1976

New interpretations of lipoproteins and arterial lesions of cholesterol-fed rabbits. Fraser R, et al. **Pathology** 8(1):57–68, Jan 76

METABOLISM

Molecular interactions in human atherosclerotic plaques. Smith EB. **Am J Pathol** 86(3):665–74, Mar 77

Comparative studies on fatty acid synthesis in atherosclerotic and hypoxic human aorta. Filipovic I, et al. **Atherosclerosis** 24(3):457–69, Sep 76

The atherogenic effect of different cholesteryl esters. pp. 68–78. Gottenbos JJ.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974. (34 ref.)

PATHOLOGY

The human atherosclerotic plaque. Pearson TA, et al. **Am J Pathol** 86(3):657–64, Mar 77

Studies on stroke in relation to cerebrovascular atherogenesis in stroke-prone spontaneously hypertensive rats (SHRSP). Horie R. **Arch Jpn Chir** 46(3):191–213, 1 May 77

Scanning electron microscopy in the evaluation of endothelial integrity of the fatty lesion in atherosclerosis. Davies PF, et al. **Atherosclerosis** 25(1):125–30, Oct 76

Aortic endothelial cell morphology observed in situ by scanning electron microscopy during atherogenesis in the rabbit. Goode TB, et al. **Atherosclerosis** 27(2):235–51, Jun 77

Myogenic foam cells in explants of fatty dots and streaks from rabbit aorta. Morphological studies. Haust MD. **Atherosclerosis** 26(4):441–64, Apr 77

The effects of supplemental dietary cholesterol and exercise on blood cholesterol and atherosclerosis in the goat. Kenealy MD, et al. **Atherosclerosis** 27(1):65–9, May 77

Relationship of advanced atherosclerosis lesions to fibrous plaques in 19 location-race groups. Tracy RE, et al. **Atherosclerosis** 27(2):189–99, Jun 77

Experimental atherosclerosis of the heart valves in rats following a long-term atherogenic regimen Záhoř Z, et al. **Atherosclerosis** 27(1):49–57, May 77

High plasma cholesterol in mink (Mustela vison) without atherosclerosis. Zilversmit DB, et al. **Atherosclerosis** 26(1):97–102, Jan 77

Resolution of lipid-containing atherosclerotic lesions induced by injury. Moore S, et al. **Blood Vessels** 14(4):193–203, 1977

Molecular organization of the cholesteryl ester droplets in the fatty streaks of human aorta. Engelman DM, et al. **J Clin Invest** 58(4):997–1018, Oct 76

Compositional mapping of cholesteryl ester droplets in the fatty streaks of human aorta. Hillman GM, et al. **J Clin Invest** 58(4):1008–18, Oct 76

New interpretations of lipoproteins and arterial lesions of cholesterol-fed rabbits. Fraser R, et al. **Pathology** 8(1):57–68, Jan 76

PHYSIOPATHOLOGY

Consideration of atherosclerotic plaques as benign neoplasms. Rounds DE, et al. **Atherosclerosis** 25(2–3):183–9, Nov–Dec 76

FIBRIN

Sensitization of stabilized fibrin to urea dispersion by undiluted plasma and serum. de Cataldo F, et al. **Acta Haematol (Basel)** 58(2):79–83, 1977

Copper, zinc, and manganese content of four amino acid and protein hydrolysate preparations. Bozian RC, et al. **Am J Clin Nutr** 29(12):1331–2, Dec 76

Immunopathology of early and clinically silent lupus nephropathy. Cavallo T, et al. **Am J Pathol** 87(1):1–18, Apr 77

Role of fibrinopeptide B release: comparison of fibrins produced by thrombin and Ancrod. Shen LL, et al. **Am J Physiol** 232(6):H629–33, Jun 77

Bioplast fibrin buttons for liver biopsy and partial hepatic resection. Wood CB, et al. **Ann R Coll Surg Engl** 58(5):401–4, Sep 76

Fibrin thrombosis in monocrotaline pyrrole-induced cor pulmonale in rats. Lalich JL, et al. **Arch Pathol Lab Med** 101(2):69–73, Feb 77

Surface ultrastructure of rheumatoid articular cartilage. Kimura H, et al. **Arthritis Rheum** 20(5):1085–94, Jun 77

Effect of steric exclusion by dextran on the conversion of fibrinogen into fibrin. Rampling MW, et al. **Biochem Soc Trans** 4(4):688–90, 1976

Amino acid sequence studies on the alpha chain of human fibrinogen. Isolation and characterization of two linked alpha-chained cyanogen bromide fragments from fully cross-linked fibrin. Doolittle RF, et al. **Biochemistry** 16(8):1715–9, 19 Apr 77

Amino acid compositions of the subunit chains of lamprey fibrinogen. Evolutionary significance of some structural anomalies. Doolittle RF, et al. **Biochim Biophys Acta** 453(2):439–52, 22 Dec 76

Fibrin digestion by thrombin. Comparison with plasmin-digested fibrinogen. Kang EP, et al. **Biochim Biophys Acta** 490(2):430–42, 22 Feb 77

The structural characteristics of chicken fibrinogen. Pindyck J, et al. **Biochim Biophys Acta** 492(2):377–86, 24 Jun 77

Leucocyte migration fibrinolysis technique (LMFT): description of a method. Coeugniet E, et al. **Biomedicine [Express]** 25(8):288–90, 30 Sep 76

Rheology of fibrin clots. III. Shear creep and creep recovery of fine ligated and coarse unligated closts. Nelb GW, et al. **Biophys Chem** 5(3):377–87, Sep 76

Mass-length ratio of fibrin fibers from gel permeation and light scattering. Carr ME Jr, et al. **Biopolymers** 16(1):1–15, Jan 77

Conversion of fibrinogen to fibrin. The correlation between clotting kinetics and morphology of fibrin polymerized in different solvent media. Conio G, et al. **Biopolymers** 15(10):1979–90, Oct 76

Malfunction of Björk-Shiley valve prosthesis in tricuspid position. Bourdillon PD, et al. **Br Heart J** 38(11):1149–53, Nov 76

Oriented fibrin crystallization: A phenomenon of hypersensitivity to bacteria in psoriasis, vasculitis and other dermatoses. Juhlin L, et al. **Br J Dermatol** 96(6):577–86, Jun 77

Thrombosis induced in vivo in the mesenteric artery of rats. An electron microscopic study of the initial phases. Potvliege PR, et al. **Br J Exp Pathol** 57(6):722–32, Dec 76

The conformation of fibrinogen and fibrin: an electron microscopy study. Blakey PR, et al. **Br J Haematol** 35(3):437–40, Mar 77

Defibrination of normal human blood in vitro: a method giving a high recovery of untraumatized cells. Bray PJ, et al. **Br J Haematol** 35(4):551–9, Apr 77

Diseases of the urinary system. Treatment of blood disorders in renal disease and renal failure. Mitchell TR. **Br Med J** 2(6080):174–7, 16 Jul 77

Fibrinous uremic pleuritis: a surgical entity. Gilbert L, et al. **Chest** 67(1):53–6, Jan 75

Immunological studies of human placentae: identification and distribution of proteins in mature chorionic villi. Faulk WP, et al. **Clin Exp Immunol** 27(2):365–75, Feb 77

Migration inhibition factor and the blood clotting system: effects of defibrination, heparin and thrombin. Mäkinen T, et al. **Clin Exp Immunol** 29(1):181–6, Jul 77

Characterization of human fibroblasts from cancer patients: loss of fibrin clot retractile activity after 'in vitro' spontaneous transformation, Dolfini E, et al. **Eur J Cancer** 12(10):823–5, Oct 76

Fibrin adherent CHO cell behavior in response to chelators and enterotoxin. Nozawa RT, et al. **Exp Cell Res** 107(1):25–30, Jun 77

Characteristics and fate of vascular fibrin deposition. An electron microscopic study of hyalinosis. Jellinek H, et al. **Exp Mol Pathol** 26(3):401–14, Jun 77

Fibrin membrane endowed with biological function. III. Fixing living cells in fibrin gel without impairing their functions. Inada Y, et al. **Experientia** 33(9):1257–8, 15 Sep 77

Disseminated intravascular coagulation in nonocclusive mesenteric ischemia: the lack of specificity of fibrin thrombi in intestinal infarction. Brandt LJ, et al. **Gastroenterology** 71(6):954–7, Dec 76

Qualitative changes in fibrinogen following exposure to agents used for preparation of fibrin monomers. Brosstad F, et al. **Haemostasis** 6(3):149–56, 1977

Amino acid sequence of human fibrin. Preliminary note on the order of peptides obtained by cleaving the gamma-chain at the methionyl and arginyl bonds. Henschen A, et al. **Hoppe Seylers Z Physiol Chem** 357(4):605–8, Apr 76

Amino acid sequence linking plasmic fragments E and D in the beta-chain of human fibrin. Henschen A, et al. **Hoppe Seylers Z Physiol Chem** 357(12):1801–3, Dec 76

Amino acid sequence of human fibrin. Preliminary note on an internal peptide obtained by cleaving the gamma-chain at the arginyl bonds and showing sequence homology with the C-terminus. Lottspeich F, et al. **Hoppe Seylers Z Physiol Chem** 358(6):703–7, Jun 77

Amino acid sequence of human fibrin. Preliminary note on the completion of the gamma-chain sequence. Lottspeich F, et al. **Hoppe Seylers Z Physiol Chem** 358(7):935–8, Jul 77

Affinity chromatography on immobilized fibrinogen and fibrin monomer, II. The behavior of cold-insoluble globulin [1]. Stemberger A, et al. **Hoppe Seylers Z Physiol Chem** 357(7):1003–5, Jul 76

Carbohydrate linkage site in the beta-chain of human fibrin. Töpfer-Peterson E, et al. **Hoppe Seylers Z Physiol Chem** 357(11):1509-13, Nov 76

Miliary aneurysms and 'fibrinoid' degeneration of cerebral blood vessels. Rosenblum WI. **Hum Pathol** 8(2):133-9, Mar 77

Experimental endocarditis. pp. 43-59. Archer GL.
In: Duma RJ, ed. Infections of prosthetic heart values and vascular grafts. Baltimore, Univ Park Press, 1977. WG 168 I43 1976.

Mediator systems in experimental allergic glomerular injury. pp. 431-6. Simpson IJ, et al.
In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a. (25 ref.)

Evaluation of non-steroidal anti-inflammatory drugs by means of experimental arthritis models. pp. 83-97. Pipitone V, et al.
In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975. (59 ref.)

epsilon-(gamma-Glutamyl)lysine cross-links in proteins. pp. 398-418. Goldsmith LA.
In: Seiji M, Bernstein IA, ed. Biochemistry of cutaneous epidermal differentiation. Baltimore, Univ Park Press, 1977. WR 102 J35b 1976. (34 ref.)

Early events in the plasmin digestion of fibrinogen and fibrin. Effects of plasmin on fibrin polymerization. Shen LL, et al. **J Biol Chem** 252(17):6184-9, 10 Sep 77

Surface characteristics of the cardiac prostheses in vivo. Nosé Y, et al. **J Biomed Mater Res** 11(1):85-100, Jan 77

Quantitative venographic assessment of deep vein thrombosis in the evaluation of streptokinase and heparin therapy. Marder VJ, et al. **J Lab Clin Med** 89(5):1018-29, May 77

Membrane oxygenation in baboons without anticoagulants. Fletcher JR, et al. **J Surg Res** 22(3):273-80, Mar 77

Patterns of fibrin deposition in the glomeruli of diseased kidneys. Nagai T. **Jpn Circ J** 40(7):769-83, Jul 76

Radially oriented fibrin crystallisation. A new test for endotoxin sensitivity in man. Juhlin L, et al. **Lancet** 1(8001):21-3, 1 Jan 77

Fibrin-stabilizing factor (factor XIII). Curtis CG, et al. **Methods Enzymol** 45:177-91, 1976

Fibrin monomer complexes in pre-eclampsia [letter]. Wardle EN. **N Engl J Med** 296(1):54, 6 Jan 77

An ultrastructural study of the pathogenesis of tissue injury in limited Wegener's granulomatosis. Donald KJ, et al. **Pathology** 8(2):161-9, Apr 76

A prospective study of the effectiveness of three permanent peritoneal catheters. Oreopoulos DG, et al. **Rev Interam Radiol** 6:96-100, 19-22 Nov 76

Effects of anticoagulation on the interaction of human platelets with subendothelium in flowing blood. Baumgartner HR. **Schweiz Med Wochenschr** 106(40):1367-8, 2 Oct 76

Pleural tumors and pulmonary tumors: differential diagnosis. Theros EG, et al. **Semin Roentgenol** 12(3):239-47, Jul 77

Properties of bovine fibrin absorbable implants. Capperauld I, et al. **Surg Gynecol Obstet** 144(1):2-7, Jan 77

Early venous thrombosis: A scanning electron microscopic study. Day TK, et al. **Thromb Haemostas** 37(3):477-83, 30 Jun 77

Effects of dextran on the molecular structure and tensile behaviour of human fibrin. Dhall TZ, et al. **Thromb Haemostas** 35(3):737-45, 30 Jun 76

The reversible antithrombin activity of incubated plasma. Gomperts ED, et al. **Thromb Haemostas** 37(1):123-35, 28 Feb 77

Purification and properties of a neutral protease from soil bacterium WM 122. Papaioannou SE, et al. **Thromb Haemostas** 37(3):556-65, 30 Jun 77

Bleeding disorder with abnormal wound healing, acid-soluble clots and normal factor XIII. Ragaz S, et al. **Thromb Haemostas** 36(3):537-41, 31 Dec 76

Use of 125I-fibrinogen kinetic data to detect disseminated intravascular coagulation and deposition of fibrin in patients with metastatic cancer. Robson EB, et al. **Thromb Haemostas** 37(3):484-508, 30 Jun 77

Comparison between a modified ethanol gelation test and protamine sulfate test. Experimental studies. Zielinsky A, et al. **Thromb Haemostas** 36(1):165-72, 31 Aug 76

Localization and distribution of fibrinolysis inhibition in the walls of human arteries and veins. Hegt VN. **Thromb Res** 10(1):121-33, Jan 77

Studies on tissue culture plasminogen activator. II. The detection and assay of urokinase and plasminogen activator from LLC-PK cultures (porcine) by the synthetic substrate Nalpha-benzyloxycarbonyl-glycyl-glycyl-arginyl-4-meth Huseby RM, et al. **Thromb Res** 10(5):679-87, May 77

Influence of thrombin-induced disseminated intravascular coagulation on RES functions in rabbits. Lahnborg G, et al. **Thromb Res** 9(6):653-6, Dec 76

Inhibition of plasminogen binding to fibrin by alpha2-plasmin inhibitor. Moroi M, et al. **Thromb Res** 10(6):851-6, Jun 77

Primary structure of the amino terminal regions of chicken fibrin chains. Murano G, et al. **Thromb Res** 11(1):1-10, Jul 77

The specific interaction between plasminogen and fibrin. A physiological role of the lysine binding site in plasminogen. Wiman B, et al. **Thromb Res** 10(2):213-22, Feb 77

False positive reactions in dialysis patients [letter] DePena ME. **Transfusion** 17(3):289-90, May-Jun 77

Electron microscopic observations of the kidney in the generalized Shwartzman reaction. Watanabe T, et al. **Virchows Arch [Pathol Anat]** 374(3):183-96, 23 Jun 77

[Homologous articular cartilage transplantation in animal experiments. Preliminary studies on sheep (author's transl)] Passl R, et al. **Arch Orthop Unfallchir** 86(2):243-56, 25 Oct 76 (Eng. Abstr.) **(Ger)**

[Tonsillectomy in patients with bleeding disorders] Gastpar H. **Fortschr Med** 95(19):1277-80, 19 May 77 (Eng. Abstr.) **(Ger)**

[Alloplastic tracheal replacement] Moritz VE. **Fortschr Med** 95(3):173-6, 20 Jan 77 (Eng. Abstr.) **(Ger)**

[Histological changes in the ligated vasa ovarica (author's transl)] Slunsky R. **Geburtshilfe Frauenheilkd** 36(8):677-82, Aug 76 (Eng. Abstr.) **(Ger)**

[Herpes gestationis. Immunopathologic studies in mother and child] Schöpf E, et al. **Hautarzt** 27(10):481-7, Oct 76 (Eng. Abstr.) **(Ger)**

[Fibrin adhesion (orientating animal experiments) (author's transl)] Slezak H, et al. **Klin Monatsbl Augenheilkd** 170(3):450-3, Mar 77 (Eng. Abstr.) **(Ger)**

[The pros and cons of haemoperfusion (author's transl)] Hennemann H, et al. **Klin Wochenschr** 55(11):533-7, 1 Jun 77 (Eng. Abstr.) **(Ger)**

[Anaesthesia for the relief of dyspnoea caused by fibrin membranes in the larynx and trachea (author's transl)] Gabriel W. **Prakt Anaesth** 12(1):52-9, Feb 77 **(Ger)**

[Behavior of leukocytes towards blood platelets and during retraction] Lindner E, et al. **Verh Anat Ges** (70 Pt 2):945-53, 1976 (Eng. Abstr.) **(Ger)**

[Index of fibrinolysis with new fibrin plate (author's transl)] Hishikawa Y, et al. **J Physiol Soc Jpn** 39(1):1-11, 1977 (Eng. Abstr.) **(Jpn)**

[The estimation method for plasminogen content using fibrin plate with urokinase (author's transl)] Horie N, et al. **Jpn J Clin Pathol** 24(10):842-6, 1976 **(Jpn)**

[Clinicopathological study of fibrin thrombus of the kidney glomerulus] Niwa Y. **Jpn J Nephrol** 19(1):31-41, Jan 77 (Eng. Abstr.) **(Jpn)**

[Preparative isolation of terrilytin components and study of their enzymatic properties] Selezneva AA, et al. **Prikl Biokhim Mikrobiol** 12(3):416-20, May-Jun 76 (Eng. Abstr.) **(Rus)**

[Electrophoretic fractions and NH2-terminal amino acids of high-molecular tryptic fragments of fibrinogen and fibrin] Lugovskoĭ EV, et al. **Ukr Biokhim Zh** 48(6):743-9, 1976 (Eng. Abstr.) **(Ukr)**

ADMINISTRATION & DOSAGE

An experimental model of in vivo fibrinolysis. Sasaki Y, et al. **Thromb Res** 9(5):513-22, Nov 76

[Use of topical hemostatic preparations in surgery] Pavlovskiĭ DP, et al. **Klin Khir** (8):66-72, Aug 76 **(Rus)**

[Purposeful use of blood in persons into multiple injuries] Jekić M, et al. **Acta Chir Iugosl** 22(1 Suppl):727-30, 1975 **(Scr)**

ANALYSIS

Cutaneous vascular fibrinolytic activity in the local Shwartzman reaction. Bergstein JM. **Am J Pathol** 88(3):655-62, Sep 77

Use of fibrinogen/fibrin degradation products and soluble fibrin complexes for differentiating pulmonary embolism from nonthromboembolic lung disease. Bynum LJ, et al. **Am Rev Respir Dis** 114(2):285-9, Aug 76

Nephrotic proteinuria in obesity [letter]. Gonzalex A, et al. **Ann Intern Med** 82(1):122, Jan 75

Immunoglobulin and complement deposition in skin of rheumatoid arthritis and systemic lupus erythematosus patients. Schroeter AL, et al. **Ann Rheum Dis** 35(4):321-6, AUG 76

Identification of fibrin oligomers in sonicated fibrin clots. Henry F, et al. **Biophys Chem** 6(2):161-5, Jan 77

Antiproteolytic activity in foetal organs with low fibrinolytic potential. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):767-9, 15 Jun 76

Histochemical method to detect antiproteolytic activity in tissues. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):758–60, 15 Jun 76

Antiproteolytic activity in foetal organs with high fibrinolytic potential. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):770–1, 15 Jun 76

Antiproteolytic activity in human coronary arteries affected by long-dating atherosclerosis. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):761–3, 15 Jun 76

Bullous pemphigoid and psoriasis: does subclinical bullous pemphigoid exist? Person JR, et al. **Br J Dermatol** 95(5):535–40, Nov 76

Localized pemphigoid. Person JR, et al. **Br J Dermatol** 95(5):531–4, Nov 76

Granuloma annulare: direct immunofluorescence study. Umbert P, et al. **Br J Dermatol** 95(5):487–92, Nov 76

Plasma fibrinolysis and postoperative deep vein thrombosis. Macintyre IM, et al. **Br J Surg** 63(9):694–7, Sep 76

Status of the grafts and the native coronary arteries proximal and distal to coronary anastomotic sites of aortocoronary bypass grafts. Spray TL, et al. **Circulation** 55(5):741–9, May 77

Nephelometric study of the clotting of blood plasma (fibrinogen–fibrin phase) by patients with delirium tremens and chronic alcoholics. Tarâlov S, et al. **Folia Med (Plovdiv)** 18(2):171–6, 1976

Rat liver macrophages will not phagocytose fibrin during disseminated intravascular coagulation. Emeis JJ, et al. **Haemostasis** 5(4):193–210, 1976

Evaluation of hypercoagulability in septic abortion. Graeff H, et al. **Haemostasis** 5(5):285–94, 1976

Our experiences with certain tests employed in immunological studies of rheumatoid arthritis. pp. 149–60. Barceló P, et al.
In: Wagenhauser FJ, ed. Chronic forms of polyarthritis. Bern, Huber, 1976. WE 344 C559 1975.

Circulating immune complexes after renal transplantation. Correlation of increased 125I-Clq binding activity with acute rejection characterized by fibrin deposition in the kidney. Ooi YM, et al. **J Clin Invest** 60(3):611–9, Sep 77

Morphology of delayed-type hypersensitivity reactions in the guinea pig cornea. Friedlaender MH, et al. **J Immunol** 118(5):1558–63, May 77

Breakdown products of C3 and factor B in hemolytic-uremic syndrome. Kim Y, et al. **J Lab Clin Med** 89(4):845–50, Apr 77

A method for measurement of fibrin monomer with the use of an immune precipitate of fibrinogen. Kisker CT, et al. **J Lab Clin Med** 89(3):653–8, Mar 77

Vascular changes in the brain of spontaneously hypertensive rats: hyaline and fibrinoid degeneration. Amano S. **J Pathol** 121(2):119–28, Feb 77

Intravascular coagulation and pulmonary edema in the septic baboon. Holcroft JW, et al. **J Surg Res** 22(3):209–20, Mar 77

Defibrination with ancrod in nephrotoxic nephritis in rabbits. Thomson NM, et al. **Kidney Int** 10(5):343–7, Nov 76

Evaluation of hypercoagulability in users of oral contraceptives. Graeff H, et al. **Klin Wochenschr** 55(4):175–9, 15 Feb 77

Fibrin monomer complexes in pre-eclampsia [letter]. Wardle EN. **N Engl J Med** 296(1):54, 6 Jan 77

Does coagulation have a causative role in eclampsia? Pritchard JA, et al. **Perspect Nephrol Hypertens** 5:95–102, 1976

Morphological and immunological evidence of coagulopathy in renal complications of pregnancy. Seymour AE, et al. **Perspect Nephrol Hypertens** 5:139–53, 1976

The renal lesion in preeclampsia. Spargo BH, et al. **Perspect Nephrol Hypertens** 5:129–37, 1976

Intravascular coagulation in surgical procedures on the abdominal aorta. Mulcare RJ, et al. **Surg Gynecol Obstet** 143(5):730–4, Nov 76

Soluble fibrin complexes in coronary disease. Anaya-Galindo R, et al. **Thromb Res** 9(2):153–65, Aug 76

Influences on the formation and structure of fibrin. Carlin G, et al. **Thromb Res** 9(6):623–36, Dec 76

Composition of soluble fibrin complexes in pre-eclampsia. Edgar W, et al. **Thromb Res** 10(4):567–74, Apr 77

PURITY AND GENUINITY OF HUMAN FIBRINOGEN [LETTER]. Godal HC, et al. **Thromb Res** 9(4):419–21, Oct 76

Estimation and characterization of soluble fibrin monomer complexes during endotoxin-induced intravascular coagulation. Hafter R, et al. **Thromb Res** 10(5):711–20, May 77

Affinity chromatography and quantitation of soluble fibrin from plasma. Matthias FR, et al. **Thromb Res** 10(3):365–84, Mar 77

[The immunology of psoriasis. Trial direct immunofluorescence in psoriasis] Panas AT, et al. **Ann Dermatol Syphiligr (Paris)** 103(5–6):573–5, 1976 **(Fre)**

[Vascular subendothehlium: structure and functions (author's transl)] Merville C, et al. **Pathol Biol (Paris)** 24 Suppl:18–22, Dec 76 (36 ref.) (Eng. Abstr.) **(Fre)**

[Blood coagulation activity and fibrinolysis in umbilical vein blood of healthy and asphyxiated newborn infants] Schander K, et al. **Fortschr Med** 95(22):1477–81, 9 Jun 77 (Eng. Abstr.) **(Ger)**

[Fibrin structure in hepatitis and liver cirrhosis] Klingemann HG, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1649–52, 1976 **(Ger)**

Antiproteolytic activity in human placenta and decidua. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):764–6, 15 Jun 76 **(Ita)**

[Histochemical and immunohistochemical studies on development and progression of atherosclerosis of cerebral arteries (author's transl)] Sadoshima S. **Fukuoka Acta Med** 68(2):45–67, Feb 77 (Eng. Abstr.) **(Jpn)**

[Immunomorphological studies on choroid plexus in humans] Krajewski S, et al. **Neuropatol Pol** 15(2):277–90, Apr–May 77 (Eng. Abstr.) **(Pol)**

[Staining with hematoxylin—basic fuchsin–picric acid (HBFP) for detection of myocardial lesions of different etiology] Serov RA, et al. **Arkh Patol** 39(5):70–2, 1977 (Eng. Abstr.) **(Rus)**

[Immunomorphological study of plasmorrhagia in experimental hypertension in rats] Trusov OA. **Arkh Patol** 38(11):17–22, 1976 **(Rus)**

[Disseminated intravascular coagulation in myocardial infarct] Asoskov VA. **Kardiologiia** 16(4):59–64, Apr 76 (Eng. Abstr.) **(Rus)**

[Localization of plasma proteins and beta-lipoproteins in the walls of arteriosclerotic coronary arteries] Iakovleva NI. **Kardiologiia** 17(1):114–9, Jan 77 (Eng. Abstr.) **(Rus)**

[Elaboration of objective evaluation of the activity of rheumatoid synovitis] Duliapin VA, et al. **Ter Arkh** 48(11):48–50, 1976 **(Rus)**

[Heparin–aspirin complex, its physico-chemical and physiologic properties] Kudriashov BA, et al. **Vopr Med Khim** (1):44–51, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Fibrinolytic activity of the kidney tissue in glomerulonephritis in children] Enikeeva ZM, et al. **Vopr Okhr Materin Det** 22(3):22–5, 1977 (Eng. Abstr.) **(Rus)**

[Immunopathological prediction index of frequent relapses in children with lipoid nephrosis] Mota FH, et al. **Bol Med Hosp Infant Mex** 33(6):1377–84, Nov–Dec 76 (Eng. Abstr.) **(Spa)**

[Assay of plasmin-degradation of unstabilized fibrin (author's transl)] Regañon E, et al. **Sangre (Barc)** 22(4):453–60, 1977 **(Spa)**

[Assessment of circulating soluble fibrin by the ethanol test during delivery (author's transl)] Tascon A, et al. **Sangre (Barc)** 22(2):191–6, 1977 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Inhibition of fibrin–platelet interactions by fibrinogen-degradation fragment D. Orloff KG, et al. **Am J Physiol** 233(2):H305–11, Aug 77

[Biochemical aspects of the streptokinase effect] Landmann H. **Folia Haematol (Leipz)** 103(3):437–44, 1976 **(Ger)**

BIOSYNTHESIS

The Hageman factor system: mechanism of contact activation. pp. 371–89. Griffin JH, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (48 ref.)

Fibrin formation and dissolution. pp. 239–61. McKee PA.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (53 ref.)

Fibrin complexes in intermediary coagulation. Shainoff JR, et al. **Int J Dermatol** 15:738–41, Dec 76

Pathophysiological response of the blood coagulation system in acute glomerulonephritis. Alkjaersig NK, et al. **Kidney Int** 10(4):319–28, Oct 76

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

Formation and dissociation of soluble fibrin in vivo. Mahn I, et al. **Thromb Res** 11(1):67–80, Jul 77

[Studies on the effect of thrombocytopenia on the rate of fibrin

stabilization] Barthels M, et al. **Fortschr Med** 95(19):1281–4, 19 May 77 (Eng. Abstr.) **(Ger)**

[Reactions at human platelet membrane after adhesion and aggregation] Dierichs R, et al. **Verh Anat Ges** (70 Pt 2):955–60, 1976 (Eng. Abstr.) **(Ger)**

[A functional assay of fibrinoformation in the newborn (author's transl)] Merino J, et al. **Sangre (Barc)** 22(4):439–52, 1977 (Eng. Abstr.) **(Spa)**

DIAGNOSTIC USE

123I-labeled soluble fibrin: preparation and comparison with other thrombus imaging agents. Harwig JF, et al. **Int J Appl Radiat Isot** 28(1–2):157–62, Jan–Feb 77

Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

[Analytical methods of study of the system of fibrinolysis (plasminogen proactivators-activators, plasminogen-plasmin, antiplasmins, antiactivators) (literature review)] Guseinov ChS, et al. **Lab Delo** (5):276–83, 1976 **(Rus)**

IMMUNOLOGY

Sequential studies on components of the haemostatic mechanism in pregnancy with particular reference to the development of pre-eclampsia. Condie RG, et al. **Br J Obstet Gynaecol** 83(12):938–42, Dec 76

Preoperative prediction of postoperative deep vein thrombosis. Clayton JK, et al. **Br Med J** 2(6041):910–2, 16 Oct 76

Experimental subcutaneous granulomata simulating R. A. nodules. pp. 33–4. Glynn LE.
In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e.

Features of human spontaneous vasculitis reproduced experimentally in animals. Effects of antiglobulins, C-reactive protein and fibrin. pp. 117–51. Parish WE.
In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e. (61 ref.)

Systemic expression of cutaneous basophil hypersensitivity. Dvorak HF, et al. **J Immunol** 118(5):1549–57, May 77

On the origin of urinary fibrin-fibrinogen-related antigen in glomerulonephritis. Bone JM, et al. **J Lab Clin Med** 89(5):1043–52, May 77

Radiolabelled anti-human fibrin antibody: a new thrombus-detecting agent. Bošnjaković VB, et al. **Lancet** 1(8009):452–4, 26 Feb 77

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

Cross-immuno reactivities of mammalian fibrinogens. Lewis JH. **Thromb Res** 9(5):473–8, Nov 76

[Immunomorphological study of plasmorrhagia in experimental hypertension in rats] Trusov OA. **Arkh Patol** 38(11):17–22, 1976 **(Rus)**

[Determination of fibrin-fibrinogen degradation products in the blood serum by an immunological method] Andreenko GV, et al. **Lab Delo** (4):206–8, 1976 **(Rus)**

METABOLISM

The local Shwartzman reaction in the rabbit. Immunopathologic findings in the skin. Bergstein JM. **Am J Pathol** 86(1):117–22, Jan 77

Molecular interactions in human atherosclerotic plaques. Smith EB. **Am J Pathol** 86(3):665–74, Mar 77

The release of an immobilized lipoprotein fraction from atherosclerotic lesions by incubation with plasmin. Smith EB, et al. **Atherosclerosis** 25(1):71–84, Oct 76

Effect of steric exclusion by dextran on the conversion of fibrinogen into fibrin. Rampling MW, et al. **Biochem Soc Trans** 4(4):688–90, 1976

Abnormal fibrin polymerization in liver disease. Green G, et al. **Br J Haematol** 34(3):427–39, Nov 76

Acquired dysfibrinogenaemia in acute and chronic liver disease. Lane DA, et al. **Br J Haematol** 35(2):301–8, Feb 77

Role of lymphocytes in accumulation of fibrin in rabbit skin homografts [proceedings]. Bach CS, et al. **Br J Pharmacol** 58(2):292P–293P, Oct 76

Sensitive radiochemical esterolytic assays for urokinase. Imanari T, et al. **Clin Chim Acta** 71(2):267–76, 6 Sep 76

Urticaria and fibrinolysis. Ryan TJ. **Clin Exp Dermatol** 2(2):177–82, Jun 77 (26 ref.)

Coagulation, oestrogen and the menopause. Notelovitz M. **Clin Obstet Gynaecol** 4(1):107–28, Apr 77

Characteristics and fate of vascular fibrin deposition. An electron microscopic study of hyalinosis. Jellinek H, et al. **Exp Mol Pathol** 26(3):401–14, Jun 77

The abscence of intravascular clotting in rat anaphylaxis. Fésüs L, et al. **Experientia** 32(11):1477–8, 15 Nov 76

Experimental allergic encephalomyelitis: role of fibrin deposition in immunopathogenesis of inflammation in rats. Paterson PY. **Fed Proc** 35(13):2428–34, Nov 76

Disseminated intravascular coagulation. Hollán SR, et al. **Haematologia (Budap)** 10(3–4):319–30, 1976

Impaired fibrin formation in advanced cirrhosis. Dettori AG, et al. **Haemostasis** 6(2):137–48, 1977

Fibrin(-ogen) interactions with plasmin. Gaffney PJ. **Haemostasis** 6(1):2–25, 1977 (83 ref.)

Distribution and variation of fibrinolytic activity in the walls of human arteries and veins. Hegt VN. **Haemostasis** 5(6):355–72, 1976

Hemostasis, fibrin incorporation and local mesenchymal reaction in erysipelothrix infection as a model for rheumatism research. pp. 215–37. Schulz LC, et al.
In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e.

Heparin and disseminated intravascular coagulation. pp. 219–28. Prentice CR.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Fibrin complexes in intermediary coagulation. Shainoff JR, et al. **Int J Dermatol** 15:738–41, Dec 76

Salivary fibrinolytic activity before and after oral surgery estimated on different types of fibrin. Gersel-Pedersin N. **Int J Oral Surg** 5(6):270–5, Dec 76

Altered morphology and increased cell adhesiveness of chinese hamster ovary cells cultured on fibrin. Nozawa RT. **J Cell Physiol** 90(2):351–9, Feb 77

Dysfibrinogenemia associated with liver disease. Palascak JE, et al. **J Clin Invest** 60(1):89–95, Jul 77

Specific binding of soluble fibrin to macrophages. Sherman LA, et al. **J Exp Med** 145(1):76–85, 1 Jan 77

Fibrin formation and dissolution in women receiving oral contraceptive drugs. Ball AP, et al. **J Lab Clin Med** 89(4):751–62, Apr 77

A double-isotope study on incorporation of platelets and red cells into fibrin. Brown RS, et al. **J Lab Clin Med** 90(1):130–40, Jul 77

Plasmic degradation of fibrinogen Paris I. Budzynski AZ, et al. **J Lab Clin Med** 88(5):817–25, Nov 76

Functional and metabolic properties of human asialofibrinogen. Martinez J, et al. **J Lab Clin Med** 89(2):367–77, Feb 77

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

Erythema elevatum diutinum: cutaneous vasculitis, impaired clot lysis, and response to phenformin. Schumacher HR, et al. **J Rheumatol** 4(1):103–12, Spring 77

Prevention of hyaline membrane disease with plasminogen. A cooperative study. Ambrus CM, et al. **JAMA** 237(17):1837–41, 25 April 77

Experimental model of focal sclerosis. II. Correlation with immunopathologic changes, macromolecular kinetics, and polyanion loss. Velosa JA, et al. **Lab Invest** 36(5):527–34, May 77

Effect of immunosuppressors, anticoagulants and antiphlogistic drugs on experimental Masugi glomerulonephritis: I-imuran. Tyszkiewicz Z, et al. **Pol Med Sci Hist Bull** 15–16(4):339–50, Oct–Dec 76

Rous-sarcoma-virus-transformed fibroblasts having low levels of plasminogen activator. Wolf BA, et al. **Proc Natl Acad Sci USA** 73(10):3613–7, Oct 76

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

Protection of rats by phospholipase C from Bacillus cereus against the effects of intravenous infusions of purified tissue thromboplastin. Giercksky KE, et al. **Scand J Haematol** 17(4):305–11, Oct 76

Fibrin formation: the role of the fibrinogen-fibrin monomer complex. Brass EP, et al. **Thromb Haemostas** 36(1):37–48, 31 Aug 76

gamma-dimerization, alpha-polymerization, and plasmin degradation of human fibrin. Effect of various inhibitors of factor XIII on the patterns in SDS-electrophoresis and crossed immunoelectrophoresis. Feddersen JC, et al. **Thromb Haemostas** 36(1):27–36, 31 Aug 76

Clottability and cross-linking reactivity of fibrin(ogen)

following differential release of fibrinopeptides A and B. Furlan M, et al. **Thromb Haemostas** 36(3):582–92, 31 Dec 76

The effect of the fibrinogen concentration and the leukocyte count on intravascular fibrin deposition from soluble fibrin monomer complexes. Gurewich V, et al. **Thromb Haemostas** 36(3):605–14, 31 Dec 76

Studies of an inhibitor of the thrombin–fibrinogen reaction localized in rat liver microsomes. Interference with the polymerization step. Helgeland L. **Thromb Haemostas** 36(3):509–16, 31 Dec 76

Thrombin elaboration in endotoxin-induced intravascular fibrin deposition. A leukocyte dependent process distinct from systemic hypercoagulability. Lipinski B, et al. **Thromb Haemostas** 36(3):615–22, 31 Dec 76

Soluble fibrin complexes in early fibrin digests. Nanninga LB. **Thromb Haemostas** 37(2):192–200, 30 Apr 77

Formation and dissociation of soluble fibrin in vivo. Mahn I, et al. **Thromb Res** 11(1):67–80, Jul 77

Potentiation of the thrombin induced platelet release reaction by fibrin. Niewiarowski S, et al. **Thromb Res** 9(2):181–90, Aug 76

Effect of dextran on clotting time: steric exclusion accelerates fibrin monomer polymerisation. Rampling MW, et al. **Thromb Res** 9(4):379–86, Oct 76

Independence of intravascular generation of fibrin monomer and fibrin deposition on canine jugular veins. Stewart GJ, et al. **Thromb Res** 10(1):147–52, Jan 77

Incorporation of 125 I–fibrinogen in circulating soluble fibrin monomer complexes during hypercoagulability. von Hugo R, et al. **Thromb Res** 10(5):703–10, May 77

Production physiology and properties of a novel fungal fibrinolytic enzyme. Fayek KI, et al. **Z Allg Mikrobiol** 16(6):417–23, 1976

[Anticoagulant properties of antipyrine] Fiehrer A, et al. **Nouv Rev Fr Hematol Blood Cells** 18(1):194–6, 1977 **(Fre)**

[Chemical properties of plasma fibrinogens and fibrins from normal and cobalt-treated rabbits] Lober M, et al. **Acta Biol Med Ger** 34?710:1573–88, 1975 (Eng. Abstr.) **(Ger)**

[Determination of the rate of microthrombosis in experimentally induced disseminated intravascular coagulation (DIC)] Nowak G, et al. **Acta Biol Med Ger** 35(11):K63–K68, 1976 (Eng. Abstr.) **(Ger)**

[Fibrin depostition in granuloma anulare (author's transl)] Kleinhans D, et al. **Arch Dermatol Res** 258(3):231–4, 27 May 77 (Eng. Abstr.) **(Ger)**

[Qualitative analysis of the binding of fibrin in organic tissue (author's transl)] Braun F, et al. **Wien Klin Wochenschr** 89(14):489–94, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Cytoid bodies in human skin (author's transl)] Gebhart W. **Wien Klin Wochenschr [Suppl]** 88(60):1–24, 1976 (Eng. Abstr.) **(Ger)**

[Significance of coagulation disorders and inflammatory immune reaction in an infectious model of rheumatoid arthritis. I. Systemic, shock-like coagulopathy and fibrin incorporation as indicators of rheumatoid manifestations in the erysipelas model] Schulz LC, et al. **Z Rheumatol** 35(9–10):315–23, Sep–Oct 76 (Eng. Abstr.) **(Ger)**

[Visceral adhesions] Staroslawski R. **Pol Przegl Chir** 49(10):1227–31, Oct 76 **(Pol)**

[Improvement in the perfusion rate of the isolated rat liver under the influence of streptase] Duca S, et al. **Rev Med Intern [Med Intern]** 29(2):177–83, Mar–Apr 77 (Eng. Abstr.) **(Rum)**

[Fibrinolytic and antifibrinolytic properties of the uterine tube tissues in normal rabbits and in experimental infectious salpingitis] Nazarov VG, et al. **Akush Ginekol (Mosk)** (6):71–2, Jun 77 **(Rus)**

[Isolation and properties of the fibrinolytic enzyme from the Actinomyces thermovulgaris cultural broth] Egorov NS, et al. **Mikrobiologiia** 45:455–9, May–June 76 (Eng. Abstr.) **(Rus)**

[Morphogenetic action of trichothecin on Trichothecium roseum] Pal'mova NP, et al. **Mikrobiologiia** 45(6):1023–7, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Pathogenic significance of hemocoagulation process in glomerulonephritis in children] Naumova VI, et al. **Pediatriia** (2):19–22, Feb 77 (Eng. Abstr.) **(Rus)**

[Hemocoagulating and fibrinolytic activity of the kidney in children] Sokratov NV, et al. **Pediatriia** (2):64–6, Feb 77 (Eng. Abstr.) **(Rus)**

[Protein hydrolysis by pepsin and trypsin at a varying pH] Saidbaeva LM. **Vopr Pitan** (4):45–8, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Deposits of subchorial fibrin (author's transl)] Pačin J, et al. **Cesk Gynekol** 41(8):568–8, Oct 76 **(Slo)**

[Correlation between products of fibrin degradation and platelet dysfunction in chronic renal failure. Effects of aspirin] Lazzari MA, et al. **Medicina (B Aires)** 37(2):97–105, Mar–Apr 77 (Eng. Abstr.) **(Spa)**

[Circulating levels of products of fibrinogen and fibrin monomer degradation in liver cirrhosis] Rocha E, et al. **Rev Med Univ Navarra** 18(3–4):143–7, Sep–Dec 74 **(Spa)**

[Biologically active low-molecular fragments of fibrinogen molecule] Musialkivs'ka AO, et al. **Ukr Biokhim Zh** 49(3):89–93, May–Jun 77 (Eng. Abstr.) **(Ukr)**

[Quantitative determination of protector activity of fibrinogen tryptic hydrolysates] Musialkivs'ka AO, et al. **Ukr Biokhim Zh** 49(4):118–23, Jul–Aug 77 (Eng. Abstr.) **(Ukr)**

PHARMACODYNAMICS

[Thrombolytic activity of terrilytin and its effect on the coagulating system of the blood] Andreev SV, et al. **Biull Eksp Biol Med** 82(8):936–7, Aug 76 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Inhibition of fibrin–platelet interactions by fibrinogen-degradation fragment D. Orloff KG, et al. **Am J Physiol** 233(2):H305–11, Aug 77

Formation and fate of fibrin clots in the biliary tract: a clinical and experimental study. Sandblom P, et al. **Ann Surg** 185(3):356–66, Mar 77

Graft adherence to de-epithelialized surfaces: a comparative study. Tavis MJ, et al. **Ann Surg** 184(5):594–600, Nov 76

Is dry socket preventable? Rozanis J, et al. **Dent J** 43(5):233–6, May 77

Structure and function of fibrinogen. Doolittle RF. **Horiz Biochem Biophys** 3:164–91, 1977 (38 ref.)

The blood platelet a potential smooth muscle cell. pp. 105–15. Behnke O. **In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.**

Design factors affecting thrombosis during extracorporeal membrane oxygenation. pp. 141–56. Richardson PD. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (27 ref.)

Fibrin deposition in pregnancy. Stalker AL. **J Clin Pathol [Suppl]** (10):70–6, 1976

Morphology of delayed-type hypersensitivity reactions in man. Dvorak HF, et al. **J Invest Dermatol** 67(3):391–401, Sep 76

Urinary and kidney cell plasminogen activator (urokinase). Barlow GH. **Methods Enzymol** 45:239–44, 1976

Influences on the formation and structure of fibrin. Carlin G, et al. **Thromb Res** 9(6):623–36, Dec 76

Influence of dihydroergotoxine on platelet aggregation in rabbits. Markwardt F, et al. **Thromb Res** 10(6):783–9, Jun 77

Deep vein thrombosis. Pathogenesis of venous thrombosis. Thomas DP. **Trans Med Soc Lond** 91:33–4, 1975

[Kinetics of leukocytes during hemodialysis] Wolf A, et al. **Wien Med Wochenschr** 126(41):595–7, 8 Oct 76 **(Ger)**

SECRETION

Effect of brinase (protease I from aspergillus oryzae) on the elimination of fibrin from the lungs and pulmonary damage in rats with induced intravascular coagulation and inhibited fibrinolysis. Diffang C, et al. **Thromb Res** 9(6):611–22, Dec 76

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45–51, Apr 76 (107 ref.) **(Rus)**

URINE

Study of the correlation between glomerular and urinary sediment deposits using immunofluorescent technique. Orfila C, et al. **Biomedicine [Express]** 27(2):89–92, Mar 77

[Role of the coagulation and fibrinolytic systems in glomerulonephritis] Ratajczak T, et al. **Postepy Hig Med Dosw** 30(6):861–72, Nov–Dec 76 **(Pol)**

FIBRIN FOAM

THERAPEUTIC USE

[Experience with fresh autofibrinous film used after radical mastoidectomy] Dobkin VB. **Zh Ushn Nos Gorl Bolezn**

(2):100–1, Mar–Apr 77 (Rus)

FIBRINOGEN

Studies on the electrolytic method of radioiodination of fibrinogen. Stevens AM, et al.
Acta Biotheor [A] (Leiden) 26(1):137–42, 1977

The effect of clofibrate on glucose tolerance, insulin secretion, triglycerides and fibrinogen in patients with coronary heart disease. Enger SC, et al. **Acta Med Scand** 201(6):563–6, 1977

Fibrinogen Seattle: a qualitatively abnormal fibrinogen in a patient with tetralogy of Fallot. Branson HE, et al.
Am J Clin Pathol 67(3):236–40, Mar 77

Role of fibrinopeptide B release: comparison of fibrins produced by thrombin and Ancrod. Shen LL, et al.
Am J Physiol 232(6):H629–33, Jun 77

The effects of operative stress on the coagulation profile. Collins GJ Jr, et al. **Am J Surg** 133(5):612–6, May 77

Chronic ulcerative colitis, skin necrosis, and cryofibrinogenemia. Ball GV, et al. **Ann Intern Med** 85(4):464–6, Oct 76

Mechanism of action of thrombin on fibrinogen. Reaction of the n-terminal CNDr fragment from the Bbeta chain of bovine fibrinogen with bovine thrombin. Hageman TC, et al. **Arch Biochem Biophys** 179(2):506–17, Mar 77

Active site studies of human thrombin and bovine trypsin: peptide substrates. Lobo AP, et al.
Arch Biochem Biophys 177(1):235–44, Nov 76

Mechanism of action of thrombin on fibrinogen. The reaction of thrombin with fibrinogen-like peptides containing 11, 14, and 16 residues. van Nispen JW, et al.
Arch Biochem Biophys 182(1):227–43, Jul 77

Amino acid sequence studies on the fragments produced from horseshoe crab coagulogen during gel formation: homologies with primate fibrinopeptide B. Nakamura S, et al. **Biochem Biophys Res Commun** 72(3):902–8, 4 Oct 76

Effect of steric exclusion by dextran on the conversion of fibrinogen into fibrin. Rampling MW, et al.
Biochem Soc Trans 4(4):688–90, 1976

Amino acid sequence studies on the alpha chain of human fibrinogen. Isolation and characterization of two linked alpha-chained cyanogen bromide fragments from fully cross-linked fibrin. Doolittle RF, et al. **Biochemistry** 16(8):1715–9, 19 Apr 77

Amino acid sequence studies on the alpha chain of human fibrinogen. Characterization of 11 cyanogen bromide fragments. Doolittle RF, et al. **Biochemistry** 16(8):1703–9, 19 Apr 77

Amino acid sequence studies on the alpha chain of human fibrinogen. Covalent structure of the alpha-chain portion of fragment D. Doolittle, RF, et al. **Biochemistry** 16(8):1710–5, 19 Apr 77

Amino acid sequences of lamprey fibrinopeptides A and B and characterizations of the junctions split by lamprey and mammalian thrombins. Cottrell BA, et al.
Biochim Biophys Acta 453(2):426–38, 22 Dec 76

Effect of heparin modification on its activity in enhancing the inhibition of thrombin by antithrombin III. Danishefsky I, et al. **Biochim Biophys Acta** 498(1):215–22, 23 Jun 77

Amino acid compositions of the subunit chains of lamprey fibrinogen. Evolutionary significance of some structural anomalies. Doolittle RF, et al. **Biochim Biophys Acta** 453(2):439–52, 22 Dec 76

Fibrin digestion by thrombin. Comparison with plasmin-digested fibrinogen. Kang EP, et al.
Biochim Biophys Acta 490(2):430–42, 22 Feb 77

The structural characteristics of chicken fibrinogen. Pindyck J, et al. **Biochim Biophys Acta** 492(2):377–86, 24 Jun 77

On the origin of the Aalpha chain heterogeneity of human fibrinogen. Semeraro N, et al. **Biochim Biophys Acta** 492(1):204–14, 27 May 77

Disulfide-linked cyanogen bromide peptides of bovine fibrinogen. II. Isolation and sequence analysis of the chain constituents from the amino terminal region. Timpl R, et al. **Biochim Biophys Acta** 490(2):420–9, 22 Feb 77

The modification of tryptophan in bovine thrombin. Uhteg LC, et al. **Biochim Biophys Acta** 491(2):551–7, 25 Apr 77

Fluorescence of proteins in aqueous neutral salt solutions. II. Influence of monovalent cation chlorides, particularly cesium chloride. Altekar W. **Biopolymers** 16(2):369–86, Feb 77

Fluorescence of proteins in aqueous neutral salt solutions. I. Influence of anions. Altekar W. **Biopolymers** 16(2):341–68, Feb 77

Conversion of fibrinogen to fibrin. The correlation between clotting kinetics and morphology of fibrin polymerized in different solvent media. Conio G, et al. **Biopolymers** 15(10):1979–90, Oct 76

Fibrinogen Marburg a new genetic variant of fibrinogen. Fuchs G, et al. **Blut** 34(2):107–18, Feb 77

Congenital dysfibrinogenemias: molecular abnormalities of fibrinogen. Mammen EF. **Blut** 33(4):229–34, Oct 76

The conformation of fibrinogen and fibrin: an electron microscopy study. Blakey PR, et al. **Br J Haematol** 35(3):437–40, Mar 77

A report on the use of Arvin in patients with pre-gangrene of the lower limb. Humphreys WV, et al. **Br J Surg** 64(1):31–3, Jan 77

Improvement in experimental vascular graft patency by controlled defibrinogenation. Postlethwaite JC, et al.
Br J Surg 64(1):28–30, Jan 77

Effect of intravenous dextran 70 and pneumatic leg compression on incidence of postoperative pulmonary embolism. Browse NL, et al. **Br Med J** 2(6047):1281–4, 27 Nov 76

Immunological studies of human anterior uveitis. Audain VP, et al. **Can J Ophthalmol** 12(1):12–5, Jan 77

Quantitation of fibrinolytic activity of Syrian hamster fibroblasts using 3H-labeled fibrinogen prepared by reductive alkylation. Barrett JC, et al. **Cancer Res** 37(4):1182–5, Apr 77

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

The importance of thyroglobulin structure in thyroid peroxidase-catalyzed conversion of diiodotyrosine to thyroxine. Lamas L, et al. **Endocrinology** 100(4):1129–36, Apr 77

Primary structure of human fibrinogen. Characterization of disulfide-containing cyanogen-bromide fragments.
Gårdlund B, et al. **Eur J Biochem** 77(3):595–610, 1 Aug 77

Induced fat embolism in rabbits: effects of defibrinogenation and thrombocytopenia. Lahnborg G, et al. **Eur Surg Res** 8(5):428–34, 1976

Microembolism in experimental septic shock. Distribution of platelets and fibrinogen after intravenous injection of disintegrated Pseudomonas bacteria to dogs. Myrvold HE, et al. **Eur Surg Res** 9(1):34–47, 1977

Schistosoma japonicum: anti-DNA responses, serum cryogelatification, and cryoprecipitation phenomena in infected rabbits. Jones CE. **Exp Parasitol** 42(2):261–73, Aug 77

Qualitative changes in fibrinogen following exposure to agents used for preparation of fibrin monomers. Brosstad F, et al. **Haemostasis** 6(3):149–56, 1977

Affinity chromatography on immobilized fibrinogen and fibrin monomer, II. The behavior of cold-insoluble globulin [1]. Stemberger A, et al. **Hoppe Seylers Z Physiol Chem** 357(7):1003–5, Jul 76

Structure and function of fibrinogen. Doolittle RF.
Horiz Biochem Biophys 3:164–91, 1977 (38 ref.)

Mediator systems in experimental allergic glomerular injury. pp. 431–6. Simpson IJ, et al.
In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a. (25 ref.)

Peptide aldehyde inhibitors of the fibrinogen–thrombin reaction. pp. 603–8. Bajusz S, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.

Bromine-77 and iodine-123 radiopharmaceuticals. Stöcklin G.
Int J Appl Radiat Isot 28(1–2):131–47, Jan–Feb 77 (140 ref.)

Preparation of 197Hg-labeled fibrinogen. Saha GB, et al.
Int J Nucl Med Biol 4(1):92–5, Jan 77

Adsorption of naturally occurring polymers onto calcium oxalate crystal surfaces. Leal JJ, et al. **Invest Urol** 14(4):278–83, Jan 77

Early events in the plasmin digestion of fibrinogen and fibrin. Effects of plasmin on fibrin polymerization. Shen LL, et al. **J Biol Chem** 252(17):6184–9, 10 Sep 77

Role of protein and fatty acid adsorption on platelet adhesion and aggregation at the blood-polymer interface. Kim SW, et al. **J Biomed Mater Res** 11(1):23–31, Jan 77

Interactions between segmented polyurethane surfaces and the plasma protein fibrinogen. Stupp SI, et al.
J Biomed Mater Res 11(2):237–50, Mar 77

Dysfibrinogenemia associated with liver disease. Palascak JE, et al. **J Clin Invest** 60(1):89–95, Jul 77

Interactions among heparin, cold-insoluble globulin, and fibrinogen in formation of the heparin-precipitable fraction of plasma. Stathakis NE, et al. **J Clin Invest** 60(4):855–65, Oct 77

Heparin-induced coagulopathy. Bell WR, et al.
J Lab Clin Med 89(4):741–50, Apr 77

A method for measurement of fibrin monomer with the use of an immune precipitate of fibrinogen. Kisker CT, et al.

J Lab Clin Med 89(3):653–8, Mar 77

Crystalline states of a modified fibrinogen. Tooney NM, et al. **J Mol Biol** 110(2):363–85, 25 Feb 77

Plasma-fibrinogen and thromboemboli after myocardial infarction [letter]. Sharp AA. **Lancet** 1(8005):251, 29 Jan 77

Measurement of blood viscosity using a conicylindrical viscometer. Walker A, et al. **Med Biol Eng** 14(5):551–7, Sep 76

The coagulant enzyme from Bothrops atrox venom (batroxobin). Stocker K, et al. **Methods Enzymol** 45:214–23, 1976

Purification of rabbit anti-human fibrinogen antibodies cross reactivity of mammalian fibrinogen. Burstein M, et al. **Nouv Rev Fr Hematol** 16(3):345–56, 1976

Signs and symptoms of bronchogenic carcinoma. Cohen MH. **Semin Oncol** 1(3):183–9, Sep 74 (47 ref.)

Microvascular anastomosis using a blood product sealant-adhesive. Pearl RM, et al. **Surg Gynecol Obstet** 144(2):227–31, Feb 77

The half-life of plasmic degradation products of human fibrinogen in rabbits. Ardaillou N, et al. **Thromb Haemostas** 37(2):201–9, 30 Apr 77

Molecular size distribution of fibrinogen derivatives formed in vitro and in vivo: a chromatographic study. Donati MB, et al. **Thromb Haemostas** 36(1):14–26, 31 Aug 76

Studies on chemically modified fibrinogen. Kloczewiak M, et al. **Thromb Haemostas** 35(2):324–33, 30 Apr 76

The functional defects of hereditary dysfibrinogens. Marder VJ. **Thromb Haemostas** 36(1):1–8, 31 Aug 76

In vitro and in vivo measurement of total antiplasmin activity. Matsuo O, et al. **Thromb Haemostas** 37(2):216–21, 30 Apr 77

The effect of defibrinogenation on pulmonary embolism in dogs. Meissner AG, et al. **Thromb Haemostas** 36(1):140–9, 31 Aug 76

Reactivity of fibrinogen crosslinking sites in the absence of thrombin. Seelich T, et al. **Thromb Haemostas** 35(3):620–7, 30 Jun 76

Adsorption of glass and polyethylene from solutions of fibrinogen and albumin. Brash JL, et al. **Thromb Res** 9(3):249–59, Sep 76

An abnormal fibrinogen in a Venezuelan family. de Bosch NB, et al. **Thromb Res** 10(2):253–65, Feb 77

Problems in the assay of thrombin using synthetic peptides as substrates. Gaffney PJ, et al. **Thromb Res** 10(4):549–56, Apr 77

Primary structure of the amino terminal regions of chicken fibrin chains. Murano G, et al. **Thromb Res** 11(1):1–10, Jul 77

Potentiation of the thrombin induced platelet release reaction by fibrin. Niewiarowski S, et al. **Thromb Res** 9(2):181–90, Aug 76

Experience of extensive vascular surgery on defibrase-defibrinogenated patients. Olsson P, et al. **Thromb Res** 9(3):277–87, Sep 76

In vivo stability of cryoprecipitate fibrinogen. Sherman LA. **Transfusion** 17(1):59–61, Jan–Feb 77

The effect of high molecular dextran on coagulation and metastes. Agostino D. **Tumori** 62(3):245–54, May–Jun 76

High-resolution metal replication of macromolecules. Slayter HS. **Ultramicroscopy** 1(4):341–57, Sep–Oct 76

Serial infusion effects of hydroxyethyl starch on ESR, blood typing and crossmatching and serum amylase levels. Janes AW, et al. **Vox Sang** 32(3):131–4, 1977

[Preparation and immunoephelometric quantitation of fibrinogen in rabbits] Dhermy D, et al. **Biochimie** 58(11–12):1311–20, 1976 (Eng. Abstr.) **(Fre)**

[Action on human fibrinogen of anti-sera against fibrinogen dissociated chains (author's transl)] Soria J, et al. **Pathol Biol (Paris)** 24 Suppl:11–4, Dec 76 (Eng. Abstr.) **(Fre)**

[Determination of the rate of microthrombosis in experimentally induced disseminated intravascular coagulation (DIC)] Nowak G, et al. **Acta Biol Med Ger** 35(11):K63–K68, 1976 (Eng. Abstr.) **(Ger)**

[Fibrinogen 'Hannover', a further abnormal fibrinogen] Barthels M, et al. **Blut** 34(2):99–106, Feb 77 (Eng. Abstr.) **(Ger)**

[Congenital and acquired variants of plasma fibrinogen] Krantz S, et al. **Folia Haematol (Leipz)** 103(6):793–806, 1976 (89 ref.) (Eng. Abstr.) **(Ger)**

[Clinical application of nerve-anastomoses adhesion using fibrinogen] Kuderna H. **Fortschr Kiefer Gesichtschir** 21:135, 1976 **(Ger)**

[Herpes gestationis. Immunopathologic studies in mother and child] Schöpf E, et al. **Hautarzt** 27(10):481–7, Oct 76 (Eng. Abstr.) **(Ger)**

[Fibrin adhesion (orientating animal experiments) (author's transl)] Slezak H, et al. **Klin Monatsbl Augenheilkd** 170(3):450–3, Mar 77 (Eng. Abstr.) **(Ger)**

[Whole blood- and plasma viscosity in the presence of coronary risk factors. Investigations concerning the characteristics of blood flow and viscosity-effective plasma components in patients with coronary risk factors and risk factor combinations (author's transl)] Leonhardt H, et al. **Klin Wochenschr** 55(10):481–7, 15 May 77 (Eng. Abstr.) **(Ger)**

[Dysfibrinogenemia. A new case: dysfibrinogenemia Giessen III (author's transl)] Matthias FR, et al. **Klin Wochenschr** 55(11):539–43, 1 Jun 77 (Eng. Abstr.) **(Ger)**

[Mode of action and control of 'low dose heparin' (author's transl)] Bruhn HD, et al. **Med Klin** 72(9):349–52, 4 Mar 77 (Eng. Abstr.) **(Ger)**

[Malignant neoplasms and thromboses] Gastpar H. **Med Welt** 27(37):1737–41, 10 Sep 76 (39 ref.) **(Ger)**

[The effect of oral contraceptives on levels of thyroid hormone, blood coagulation and ceruloplasmin (author's transl)] Schenk H, et al. **Munch Med Wochenschr** 119(28):941–4, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Modified dosage scheme for the subcutaneous use of arvin in patients with chronic arterial occlusive diseases] Ehrly AM, et al. **Vasa** 5(2):155–62, 1976 (Eng. Abstr.) **(Ger)**

[Anastomosis of the vas deferens employing concentrated fibrinogen: an experimental study in rabbits (authors transl)] Pflüger H, et al. **Wien Klin Wochenschr** 88(24):800–3, 24 Dec 76 (Eng. Abstr.) **(Ger)**

[Tissue adhesion and local haemostasis using fibrinogen, thrombin and clotting factor xiii. (experimental investigations--clinical experience) (author's transl)] Spängler HP. **Wien Klin Wochenschr [Suppl]** 88(49):3–18, 1976 (Eng. Abstr.) **(Ger)**

[Behavior of zinc and iron in rheumatoid arthritis] Ambanelli U, et al. **Reumatismo** 28(1):1–5, Jan–Mar 76 (Eng. Abstr.) **(Ita)**

[Diagnostic value of blood fibrinogen in leptospirosis] Prodrom I, et al. **Rev Ig [Bacteriol]** 21(3):181–4, Jul–Sep 76 (Eng. Abstr.) **(Rum)**

[Microcalorimetric studies of the transformation of fibrinogen into fibrin catalyzed by thrombin] Rozenfel'd MA, et al. **Izv Akad Nauk SSSR [Biol]** (6):804–12, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[A functional assay of fibrinoformation in the newborn (author's transl)] Merino J, et al. **Sangre (Barc)** 22(4):439–52, 1977 (Eng. Abstr.) **(Spa)**

[Ability of bovine fibrinogen to accept and retain plasminogen proactivator specific for human blood] Belitser VA, et al. **Ukr Biokhim Zh** 48(6):721–6, 1976 (Eng. Abstr.) **(Ukr)**

[Electrophoretic fractions and NH2-terminal amino acids of high-molecular tryptic fragments of fibrinogen and fibrin] Lugovskoĭ EV, et al. **Ukr Biokhim Zh** 48(6):743–9, 1976 (Eng. Abstr.) **(Ukr)**

ADMINISTRATION & DOSAGE

Effects of hepatic autologous lysosomal enzymes on rat lungs. Toomasian JM, et al. **Surg Forum** 27(62):173–5, 1976

Effect of dextran on clotting time: steric exclusion accelerates fibrin monomer polymerisation. Rampling MW, et al. **Thromb Res** 9(4):379–86, Oct 76

An experimental model of in vivo fibrinolysis. Sasaki Y, et al. **Thromb Res** 9(5):513–22, Nov 76

[Use of protamine sulfate, epsilon-aminocaproic acid and serotonin in experimental hypofibrinogenemia and fibrinolysis caused by stimulation of the anticoagulant system] Kalishevskaia TM, et al. **Biol Nauki** (10):69–75, 1976 **(Rus)**

[Purposeful use of blood in persons into multiple injuries] Jekić M, et al. **Acta Chir Iugosl** 22(1 Suppl):727–30, 1975 **(Scr)**

ADVERSE EFFECTS

When should we use blood or blood components? Knouse CA. **J Am Osteopath Assoc** 76(8):633, 635–9 concl, Apr 77

ANALOGS & DERIVATIVES

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

Studies on chemically modified fibrinogen. II. Physicochemical properties of maleylated fibrinogen. Kloczewiak M, et al. **Thromb Res** 9(4):359–68, Oct 76

ANALYSIS

Platelet dysfuction after intravenous infusion of fat emulsion. Atik M. **Acta Chir Scand [Suppl]** (466):68–9, 1976

Acute promyelocytic leukemia: results of therapy and analysis of 13 cases. Ruggero D, et al. **Acta Haematol (Basel)** 58(2):108–19, 1977

The effect of clofibrate on glucose tolerance, insulin secretion, triglycerides and fibrinogen in patients with coronary heart disease. Enger SC, et al. **Acta Med Scand** 201(6):563–6, 1977

The influence of smoking on the haemostatic mechanism in pregnancy. Condie RG, et al. **Acta Obstet Gynecol Scand** 56(1):5–8, 1977

Factor XIII (fibrin stabilising factor) in Henoch–Schönlein's purpura. Henriksson P, et al. **Acta Paediatr Scand** 66(3):273–7, May 77

Fibrinogen heterogeneity in cancer, in occlusive vascular disease, and after surgical procedures. Lipinska I, et al. **Am J Clin Pathol** 66(6):958–66, Dec 76

Evaluation of a single–channel photo–optical clot–timing instrument. Weisbrot IM, et al. **Am J Clin Pathol** 68(3):361–7, Sep 77

Comparison of the reaction–rate and clot–density methods for determination of plasma fibrinogen. Zacharski LR, et al. **Am J Clin Pathol** 68(1):45–52, Jul 77

An improved turbidimetric method for plasma fibrinogen. Cannarozzi DB, et al. **Am J Med Technol** 43(3):211–5, Mar 77

Coagulation and fibrinolysis in molar pregnancy. López–Llera M, et al. **Am J Obstet Gynecol** 127(8):855–60, 15 Apr 77

Guide wire thrombogenicity measured by fibrinopeptide A radioimmunoassay. Casarella WJ, et al. **Am J Roentgenol** 128(3):363–6, Mar 77

Hemorheological factors in Raynaud's phenomenon. Dintenfass L. **Angiology** 28(7):472–81, Jul 77

Adenosine diphosphate–induced platelet aggregation in the states of hypercoagulability. Wang TY, et al. **Ann Clin Lab Sci** 7(2):152–7, Mar–Apr 77

The importance of plasma fibrinogen in vascular surgery. Postlethwaite JC. **Ann R Coll Surg Engl** 58(6):457–64, Nov 76

Autologous blood in the treatment of intraoperative hemorrhage. Bonfils–Roberts EA, et al. **Ann Surg** 185(3):321–5, Mar 77

Platelet function, blood coagulability, and fibrinolysis in patients with low tension glaucoma. Joist JH, et al. **Arch Ophthalmol** 94(11):1893–5, Nov 76

Fibrinogen–like proteins and fibrinolytic proteins in a saline eluate from sucrose washed bovine erythrocytes. Goodger BV. **Aust J Exp Biol Med Sci** 54(4):381–90, Aug 76

Unique pattern of fibrinogen cleavage by human leukocyte proteases. Bilezikian SB, et al. **Blood** 50(1):21–8, Jul 77

Evidence suggesting the regulation of a coagulation factor levels in rabbits by a transferable plasma agent. Friedman EW, et al. **Blood** 48(6):949–54, Dec 76

Platelet function, blood coagulation and fibrinolysis in Behcet's syndrome. Stathakis NE, et al. **Blut** 34(3):215–22, Mar 77

Study of methods for the detection of HBsAg and HBsAb in hemoderivatives. Costantini A, et al. **Boll Ist Sieroter Milan** 56(2):115–21, 31 Mar 77 (Eng. Abstr.)

Effect of myocardial infarction on components of fibrinolytic system. Gidron E, et al. **Br Heart J** 39(1):19–24, Jan 77

Abnormal fibrin polymerization in liver disease. Green G, et al. **Br J Haematol** 34(3):427–39, Nov 76

SDS polyacrylamide gel characterization of serum FDP produced in response to ancrod and streptokinase/plasminogen infusion in man. Lane DA, et al. **Br J Haematol** 36(1):137–48, May 77

Plasma and whole blood viscosity. Phillips MJ, et al. **Br J Haematol** 34(3):347–52, Nov 76

Sequential studies on components of the haemostatic mechanism in pregnancy with particular reference to the development of pre–eclampsia. Condie RG, et al. **Br J Obstet Gynaecol** 83(12):938–42, Dec 76

A report on the use of Arvin in patients with pre–gangrene of the lower limb. Humphreys WV, et al. **Br J Surg** 64(1):31–3, Jan 77

Plasma fibrinolysis and postoperative deep vein thrombosis. Macintyre IM, et al. **Br J Surg** 63(9):694–7, Sep 76

Improvement in experimental vascular graft patency by controlled defibrinogenation. Postlethwaite JC, et al. **Br J Surg** 64(1):28–30, Jan 77

Fibrinolytic activity in health and vascular disease [letter]. Browse NL, et al. **Br Med J** 1(6067):1028–9, 16 Apr 77

Postpartum acute renal failure: possible role for endarterial urokinase. Cochran M, et al. **Br Med J** 1(6071):1257, 14 May 77

Effect of ethyloestrenol on fibrinolysis in the vessel wall. Hedner U, et al. **Br Med J** 2(6038):729–31, 25 Sep 76

Raynaud's disease and oral contraceptives [letter]. Jarrett PE. **Br Med J** 2(6037):699, 18 Sep 76

Studies on vitamin E and selenium deficiency in young pigs. IV. Effect on coagulation system. Fontaine M, et al. **Can J Comp Med** 41(1):64–76, Jan 77

Evaluation of a rapid method of determination of plasma fibrinogen in swine. Fontaine M, et al. **Can J Comp Med** 41(2):202–5, Apr 77

The pathogenesis of leptospirosis I. Hemorrhages in experimental leptospirosis in guinea pigs. Higgins R, et al. **Can J Comp Med** 41(2):174–81, Apr 77

Ammonia production during clot retraction and its use in assay of fibrinoligase. Mousli S, et al. **Clin Chem** 23(9):1739–43, Sep 77

Plasma fibrinogen, cholinesterase activity, and anemia: utility of fibrinogen in multiphasic screening and in assessing the activity of diseases. Rice EW. **Clin Chem** 23(4):741–2, 1977

A comparison of the sulphite and thrombin methods for measuring fibrinogen concentration of plasma from patients undergoing thrombolytic therapy. Lane DA, et al. **Clin Chim Acta** 71(1):15–9, 16 Aug 76

Arwin in peripheral arterial circulatory disorders: controlled multicentre trials. Wolf GK. **Eur J Clin Pharmacol** 09(5–6):387–92, 22 Mar 76

Microembolism in experimental septic shock. Distribution of platelets and fibrinogen after intravenous injection of disintegrated Pseudomonas bacteria to dogs. Myrvold HE, et al. **Eur Surg Res** 9(1):34–47, 1977

Nephelometric study of the clotting of blood plasma (fibrinogen–fibrin phase) by patients with delirium tremens and chronic alcoholics. Tarálov S, et al. **Folia Med (Plovdiv)** 18(2):171–6, 1976

Impaired fibrin formation in advanced cirrhosis. Dettori AG, et al. **Haemostasis** 6(2):137–48, 1977

Correlations between radioiodine uptake and blood viscosity factors in hypothyroid and hyperthyroid states. Dintenfass L. **Haemostasis** 5(4):211–7, 1976

Treatment of thrombosis by sequential therapy with ancrod followed by streptokinase. Clinical pharmacology and rheology. Forbes CD, et al. **Haemostasis** 5(6):348–54, 1976

Evaluation of hypercoagulability in septic abortion. Graeff H, et al. **Haemostasis** 5(5):285–94, 1976

Antifactor Xa activity measured with amidolytic methods. Odegård OR, et al. **Haemostasis** 5(5):265–75, 1976

Use of the immunoperoxidase method for ultrastructural localization of plasma proteins in normal rat lung tissue. pp. 465–77. Bignon J, et al. **In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North–Holland, 1976. W3 I35 no.2 1975.**

Preparation of liver explant cultures for the demonstration of intracellular proteins. pp. 99–104. Guillouzo A, et al. **In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North–Holland, 1976. W3 I35 no.2 1975.**

Immunofluorescence patterns in membranoproliferative glomerulonephritis. pp. 445–51. Barbiano di Belgiojoso G, et al. **In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a.**

Long–term self–administered heparin therapy for prevention and treatment of thromboembolic complications in pregnancy. pp. 247–60. Bonnar J. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Elevated fibrinogen in the diagnosis of bacterial materno–fetal infection. pp. 51–7. Relier JP, et al. **In: Stern L, et al., ed. Intensive care in the newborn. New York, Masson, 1976. WS 420 I601 1975.**

Effect of phenformin and ethyloestrenol on blood fibrinolytic activity on rabbits maintained on high cholesterol diet. Sharma KK, et al. **Indian J Med Res** 64(6):915–22, Jun 76

Blood fibrinolytic activity in cancer patients. Dube B, et al. **Indian J Pathol Microbiol** 19(3):155–60, Jul 76

Severe persistent biphasic local (immediate and late) skin reactions to insulin. deShazo RD, et al. **J Allergy Clin Immunol** 59(2):161–4, Feb 77

Evaluation of two microhematocrit methods for quantitating plasma fibrinogen. Blaisdell FS, et al. **J Am Vet Med Assoc** 171(4):340–2, 15 Aug 77

Development of blood–compatible elastomers. V. Surface structure and blood compatibility of avcothane elastomers. Nyilas E, et al. **J Biomed Mater Res** 11(1):69–84, Jan 77

Use of the spiral coil membrane oxygenator during open heart surgery in infants and children. Saxena NC, et al. **J Cardiovasc Surg (Torino)** 18(1):1–7, Jan–Feb 77

A comparison of the erythrocyte sedimentation rate and plasma viscosity in detecting changes in plasma proteins. Hutchinson RM, et al. **J Clin Pathol** 30(4):345–9, Apr 77

Changes in protease inhibitors after acute myocardial infarction. Rennie JAN, et al. **J Clin Pathol** 29(7):639–41, Jul 76

Hyperfibrinogenaemia and hyperviscosity in sickle-cell crisis. Richardson SG, et al. **J Clin Pathol** 29(10):890–3, Oct 76
Coagulation disorders. Bonnar J. **J Clin Pathol [Suppl]** (10):35–41, 1976
Quantitative immuno-recognition by a radial diffusion technique. Gaffney PJ, et al. **J Immunol Methods** 14(1):25–9, 1977
Coagulation factor XIII concentration in sickle-cell disease. Ittyerah R, et al. **J Lab Clin Med** 88(4):546–54, Oct 76
Plasma acute-phase reactant proteins in tuberose sclerosis. Rundle AT. **J Ment Defic Res** 20(4):237–42, Dec 76
A study of plasma fibrinogen level and plasma fibrinolytic activity in normal & abnormal pregnancy. Hakim A, et al. **J Obstet Gynaecol India** 26(5):668–74, Oct 76
Experimentally induced stress in man: effects on blood coagulation and fibrinolysis. Palmblad J, et al. **J Psychosom Res** 21(1):87–92, 1977
Current concepts of defibrination in the pregnant woman. Kleiner GJ, et al. **J Reprod Med** 17(6):309–17, Dec 76
The value of plasma fibrinogen estimations in dogs. A comparison with total leucocyte and neutrophil counts. Sutton RH, et al. **J Small Anim Pract** 18(4):277–81, Apr 77
Changes in blood viscosity and plasma proteins in carcinoma. Tietjen GW, et al. **J Surg Oncol** 9(1):53–9, 1977
Shock in patients with disseminated intravascular coagulation (DIC). Matsuda T, et al. **Jpn Circ J** 41(4):376–82, Apr 77
Occurrence of disseminated intravascular coagulation (DIC) in obstructive jaundice and its relation to biliary tract infection. Takeda S, et al. **Jpn J Surg** 7(2):82–9, Jun 77
Pathophysiological response of the blood coagulation system in acute glomerulonephritis. Alkjaersig NK, et al. **Kidney Int** 10(4):319–28, Oct 76
Evaluation of hypercoagulability in users of oral contraceptives. Graeff H, et al. **Klin Wochenschr** 55(4):175–9, 15 Feb 77
Plasma-fibrinogen and thromboemboli after myocardial infarction. Fulton RM, et al. **Lancet** 2(7996):1161–4, 27 Nov 76
Effect of intermittent compression of the arms on deep venous thrombosis in the legs. Knight MT, et al. **Lancet** 2(7998):1265–8, 11 Dec 76
Fibrinolytic response to surgery. Labile and stable patterns and their relevance to post-operative deep venous thrombosis. Knight MT, et al. **Lancet** 2(8034):370–3, 20 Aug 77
Plasma-fibrinogen thromboembolism, and hit fractures [letter]. Lowe GD, et al. **Lancet** 1(8008):426, 19 Feb 77
Hemograms in inflammatory diseases of cattle. Schalm OW. **Mod Vet Pract** 57(10):825–7, Oct 76
Radioimmunoassay for measurement of fibrinogen. Mohamed FA, et al. **New Istanbul Contrib Clin Sci** 11(3):119–26, Dec 76
Hematology: part IX. Coagulation studies: part II. Tests of plasma-clotting factors. Byrne J. **Nursing (Jenkintown)** 7(6):24–5, Jun 77
Human platelet fibrinogen: a protein different from plasma fibrinogen. Soria J, et al. **Pathol Biol (Paris)** 24 Suppl:15–7, Dec 76
Does coagulation have a causative role in eclampsia? Pritchard JA, et al. **Perspect Nephrol Hypertens** 5:95–102, 1976
Disseminated intravascular coagulation in prostatic disease. Deutsch E. **Prog Clin Biol Res** 6:313–27, 1976
Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)
The blood clotting mechanism. Esnouf MP. **Prog Clin Biol Res** 5:69–84, 1976 (105 ref.)
Dysfibrinogenaemia and primary hepato-cellular carcinoma. Barr RD, et al. **Q J Med** 45(180):647–59, Oct 76
The estimation of fibrinogen levels in animal plasmas by a simple refractometric method. A comparison with a biuret method. Sutton RH. **Res Vet Sci** 22(3):384–5, May 77
Anticoagulation with defibrase during prolonged extracorporeal circulation in the dog. Berglin E, et al. **Scand J Thorac Cardiovasc Surg** 10(3):225–30, 1976
Intravascular coagulation in surgical procedures on the abdominal aorta. Mulcare RJ, et al. **Surg Gynecol Obstet** 143(5):730–4, Nov 76
Blood surface interactions in extravascular salvageable blood pools. Rakower SR. **Surg Gynecol Obstet** 145(4):555–8, Oct 77
The relationship of coagulation factors to clinical complications of acute pancreatitis. Ranson JH, et al. **Surgery** 81(5):502–11, May 77
Inhibition of fibrinolysis in the burned-infected rat: antiplasmin induced by burn wound infection. Andes WA, et al. **Thromb Haemostas** 36(1):173–81, 31 Aug 76
Bleeding in uremic patients after carbenicillin. Andrassy K, et al. **Thromb Haemostas** 36(1):115–26, 31 Aug 76
Some factors influencing metabolism and distribution of fibrinogen in man and rabbits. Chen YH, et al. **Thromb Haemostas** 37(2):243–52, 30 Apr 77
The effect of the fibrinogen concentration and the leukocyte count on intravascular fibrin deposition from soluble fibrin monomer complexes. Gurewich V, et al. **Thromb Haemostas** 36(3):605–14, 31 Dec 76
A new method for the determination of plasma activators fibrinolysis. Margalit R, et al. **Thromb Haemostas** 37(2):210–5, 30 Apr 77
Fibrinogen response to turpentine and endotoxin in busulfan-treated rabbbits. Rapaport SI, et al. **Thromb Haemostas** 35(3):692–701, 30 Jun 76
Intermittent plasminogen-streptokinase treatment of deep vein thrombosis. Scully MF, et al. **Thromb Haemostas** 37(1):162–9, 28 Feb 77
Platelet aggregation following defibrination with ancrod. Slade CL, et al. **Thromb Haemostas** 36(2):424–9, 30 Nov 76
Comparative studies of coagulative and fibrinolytic faculties between the Japanese monkey and the human. Suzuki K, et al. **Thromb Haemostas** 37(2):233–42, 30 Apr 77
Demonstration of reactivity to airborne and food allergens in cutaneous vasculitis by variations in fibrinopeptide A and other blood coagulation, fibrinolysis and complement parameters. Theorell H, et al. **Thromb Haemostas** 36(3):593–604, 31 Dec 76
Platelet adhesiveness and fibrinolysis after recent cerebro-vascular accidents and their relationship with subsequent deep venous thrombosis of the legs. Warlow CP, et al. **Thromb Haemostas** 36(1):127–32, 31 Aug 76
Comparison between a modified ethanol gelation test and protamine sulfate test. Experimental studies. Zielinsky A, et al. **Thromb Haemostas** 36(1):165–72, 31 Aug 76
Composition of soluble fibrin complexes in pre-eclampsia. Edgar W, et al. **Thromb Res** 10(4):567–74, Apr 77
Human fibrinogen--amino acid sequence of fragment E and of adjacent structures in the Aalpha and Bbeta -chains. Gārdlund B. **Thromb Res** 10(5):689–702, May 77
PURITY AND GENUINITY OF HUMAN FIBRINOGEN [LETTER]. Godal HC, et al. **Thromb Res** 9(4):419–21, Oct 76
Estimation and characterization of soluble fibrin monomer complexes during endotoxin-induced intravascular coagulation. Hafter R, et al. **Thromb Res** 10(5):711–20, May 77
The in vivo increase of factor VIII activity by 2,3-diphosphoglycerate. Iatridis PG, et al. **Thromb Res** 9(6):533–40, Dec 76
Studies on chemically modified fibrinogen. II. Physicochemical properties of maleylated fibrinogen. Kloczewiak M, et al. **Thromb Res** 9(4):359–68, Oct 76
A method for characterising serum fibrinogen and fibrin degradation products. Lane DA, et al. **Thromb Res** 9(2):191–200, Aug 76
Prolonged thrombin clotting times in liver disease [letter] Lane DA, et al. **Thromb Res** 10(5):773–4, May 77
Formation and dissociation of soluble fibrin in vivo. Mahn I, et al. **Thromb Res** 11(1):67–80, Jul 77
Influence of dihydroergotoxine on platelet aggregation in rabbits. Markwardt F, et al. **Thromb Res** 10(6):783–9, Jun 77
Cryofibrinogen in the plasma of patients with skin ulcerative lesions on the legs: a complex of fibrinogen and cold insoluble globulin. Matsuda M, et al. **Thromb Res** 9(6):541–52, Dec 76
Affinity chromatography and quantitation of soluble fibrin from plasma. Matthias FR, et al. **Thromb Res** 10(3):365–84, Mar 77
Rat fibrinogen reveals similarities to human fibrinogen of relatively high solubility. Stemberger A, et al. **Thromb Res** 9(6):657–60, Dec 76
Fibrinolysis and disseminated intravascular coagulation in open heart sergery. Umlas J. **Transfusion** 16(5):460–3, Sep-Oct 76
[Normal hemostatic indices in experimental animals] Doĭchinov A, et al. **Eksp Med Morfol** 16(2):105–7, 1977 (Eng. Abstr.) **(Bul)**
[Heparin treatment of crotilid bites. Experimental and clinical study] **Anesth Analg (Paris)** 33(1):147–153, Jan-Feb 76 **(Fre)**
[Systematic study of hemostasis disorders in 20 partial hepatectomies] Morisot P, et al. **Anesth Analg (Paris)** 34(1):123–30, Jan-Feb 77 **(Fre)**
[Study of hemostasis factors in nephrotic syndrome. Pathogenic interpretation and therapeutic deductions] Bernard D, et al. **Ann Med Interne (Paris)** 128(4):325–33, Apr 77 (Eng. Abstr.) **(Fre)**

[Value of fibrinogen level measurement in neonatal infections due to maternal contamination] Relier JP, et al. **Arch Fr Pediatr** 33(2):109–20, Feb 76 (Eng. Abstr.) **(Fre)**

[Influence of acute exertion and physical training on platelet function of the coronary patient] Broustet JP, et al. **Arch Mal Coeur** 69(3):305–13, Mar 76 (Eng. Abstr.) **(Fre)**

[Analysis of the hemocyte proteins from Astacus leptodactylus] Durliat M, et al. **C R Acad Sci [D] (Paris)** 282(24):2215–8, 28 Jun 76 (Eng. Abstr.) **(Fre)**

[Acute kidney failure during periarteritis nodosa] Kanfer A, et al. **Nouv Presse Med** 5(30):1883–8, 18 Sep 76 (Eng. Abstr.) **(Fre)**

[Chemical properties of plasma fibrinogens and fibrins from normal and cobalt-treated rabbits] Lober M, et al. **Acta Biol Med Ger** 34?710:1573–88, 1975 (Eng. Abstr.) **(Ger)**

[Blood coagulation disorders within the framework of hemoperfusion (proceedings)] Pall H, et al. **Acta Med Austriaca® [Suppl]** (3):217, 1976 **(Ger)**

[Diagnosis of acute acquired defects of coagulation and their therapy (author's transl)] Göbel EA. **Anaesthesist** 25(9):449–53, Sep 76 (Eng. Abstr.) **(Ger)**

[Coagulation analytical studies in coli enterotoxemia in swine] Schimmel D, et al. **Arch Exp Veterinaermed** 31(1):15–27, 1977 (Eng. Abstr.) **(Ger)**

[Dynamics of blood coagulation disorders in traumatic-hemorrhagic shock] Sefrin P, et al. **Chirurg** 48(4):227–31, Apr 77 (Eng. Abstr.) **(Ger)**

[Treatment of iliac artery stenosis with low dose streptokinase (author's transl)] Bopp J, et al. **Dtsch Med Wochenschr** 102(6):198–201, 11 Feb 77 (Eng. Abstr.) **(Ger)**

[Oral anticoagulants and platelet function in hypolipemic therapy using a new clofibrate analog (BM 15.075) (author's transl)] Zimmermann R, et al. **Dtsch Med Wochenschr** 102(14):509–12, 8 Apr 77 (Eng. Abstr.) **(Ger)**

[Fibrinolytic properties of a heparin-ocrase complex] Kudrjashov BA, et al. **Folia Haematol (Leipz)** 103(4):573–82, 1976 (Eng. Abstr.) **(Ger)**

[Micromethod for the determination of heat fibrinogen] Rogner G. **Folia Haematol (Leipz)** 103(4):583–8, 1976 (Eng. Abstr.) **(Ger)**

[Radioimmunoassay of fibrinopeptide A: double antibody method] Schramm W, et al. **Fortschr Med** 95(19):1291–8, 19 May 77 (Eng. Abstr.) **(Ger)**

[Screening and rapid tests in diagnosis of hemostasis disorders] Matthias FR. **Internist (Berlin)** 17(9):430–5, Sep 76 **(Ger)**

[Plasminogen content of human fibrinogen preparations from different sources (author's transl)] Auel H, et al. **J Clin Chem Clin Biochem** 15(7):397–9, Jul 77 (Eng. Abstr.) **(Ger)**

[Intensive substitution therapy of hemophilics] Weissbach G, et al. **Kinderaerztl Prax** 44(8):360–7, Aug 76 **(Ger)**

[Quantification of the effects of fibrinolytic therapy upon the flow behavior of blood (author's transl)] Schmid-Schönbein H, et al. **Klin Wochenschr** 55(3):111–9, 1 Feb 77 (Eng. Abstr.) **(Ger)**

[The pathogenesis of postoperative abdominal wound dehiscence. Part II: Hemostasiological checks during the course in selected patient groups (author's transl)] Schramm W, et al. **Munch Med Wochenschr** 119(20):690–4, 20 May 77 (Eng. Abstr.) **(Ger)**

[Resolution of Bbeta and gamma chains from normal human fibrinogen Zürich II into 2 variants with each differing sialic acid content] Gati WP, et al. **Schweiz Med Wochenschr** 106(40):1379, 2 Oct 76 (Eng. Abstr.) **(Ger)**

[Conformation of the fibrinogen molecule in solution: dynamic light scattering spectroscopy] Serallach E, et al. **Schweiz Med Wochenschr** 106(40):1380, 2 Oct 76 (Eng. Abstr.) **(Ger)**

[Congenital dysfibrinogenemia: fibrinogen Giessen II] Krause WH, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1646–9, 1976 **(Ger)**

[Disorders of blood coagulatiion during haemoperfusion (author's transl)] Niessner H, et al. **Wien Klin Wochenschr** 89(10):347–50, 13 May 77 (Eng. Abstr.) **(Ger)**

[A prospective study on the occurrence of postoperative thrombosis of leg-veins and the possible influence of aescin in its prevention (author's transl)] Prexl HJ, et al. **Wien Klin Wochenschr** 88(10):326–9, 14 May 76 (Eng. Abstr.) **(Ger)**

[Diagnosis of rheumatic fever] Seidel K, et al. **Z Gesamte Inn Med** 31(16): 653–60, 15 Aug 76 (Eng. Abstr.) **(Ger)**

[Improvement of flow properties using Arwin in acute experimental infarct] Neugebauer G. **Z Kardiol** 65(11):1010–21, Nov 76 (Eng. Abstr.) **(Ger)**

Symposium on the cerebral stroke. (5) Studies on the aspect of plasma fibrinogen and serum lipids relating to apoplexy (author's transl)] Kuzuya F, et al. **J Jpn Soc Intern Med** 65(12):1373–9, 10 Dec 76 **(Jpn)**

[A new method for measuring platelet fibrinogen levels by the use of the FDP-kit (author's transl)] Endo Y, et al. **Jpn J Clin Hematol** 17(9):952–5, Sep 76 (Eng. Abstr.) **(Jpn)**

[Determination of fibrinogen] Yamada S, et al. **Jpn J Clin Med** 34 suppl:2380–9, 1976 (118 ref.) **(Jpn)**

[Semi-automatized plasma fibrinogen level determination] Kierulf P, et al. **Tidsskr Nor Laegeforen** 96(30):1603–5, 30 Oct 76 (Eng. Abstr.) **(Nor)**

[Studies of plasma hemostatic disorders in patients with bronchial carcinoma and inflammatory pulmonary changes] Brajerski W. **Nowotwory** 26(3):205–15, Jul–Sep 76 (Eng. Abstr.) **(Pol)**

[Fibrinogen concentration and its ratio to other protein fractions in chronic alcoholism] Olszańska-Skorek T. **Pol Arch Med Wewn** 56(3):233–41, Sep 76 (Eng. Abstr.) **(Pol)**

[Plasma viscosity in atherosclerotic patients] Turczyński B, et al. **Pol Tyg Lek** 31(33):1423–5, 16 Aug 76 (Eng. Abstr.) **(Pol)**

[Fibrinogen estimation. A simplified gravimetric method (author's transl)] Ferreira HC, et al. **Rev Bras Pesqui Med Biol** 10(3):205–9, Jun 77 **(Por)**

[Diagnostic value of blood fibrinogen in leptospirosis] Prodrom I, et al. **Rev Ig [Bacteriol]** 21(3):181–4, Jul–Sep 76 (Eng. Abstr.) **(Rum)**

[Immunomorphological study of plasmorrhagia in experimental hypertension in rats] Trusov OA. **Arkh Patol** 38(11):17–22, 1976 **(Rus)**

[Presence of an active fibrinogen--heparin complex in the total blood plasma fraction of plasma fibrinogen degradation products] Kudriashov BA, et al. **Biokhimiia** 42(3):451–9, Mar 77 (Eng. Abstr.) **(Rus)**

[Fibrinolytic activity of rat blood following exposure to several atherogenic factors] Andreenko GV, et al. **Biol Nauki** (3):74–8, 1977 **(Rus)**

[Role of intermediate products of prothrombin proteolysis by thrombin in the stimulation of the anticoagulation system of blood] Kudriashov BA, et al. **Biull Eksp Biol Med** 82(10):1172–4, Oct 76 (Eng. Abstr.) **(Rus)**

[Effect of no-shpa, halidor, dibazol and euphylline on the fibrinogen content and fibrinolytic activity of blood] Ivleva AIa, et al. **Farmakol Toksikol** 39(3):304–8, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Effect of proteolytic and antiproteolytic blood system on hemocoagulation in phthisiosurgical patients] Bogush LK, et al. **Grudn Khir** (1):39–43, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Possibilities of early diagnosis of thromboembolic complications in myocardial infarct by means of biochemical methods] Andreenko GV, et al. **Kardiologiia** 17(1):98–103, Jan 77 (Eng. Abstr.) **(Rus)**

[Fibrinolytic activity of blood flowing through the heart ventricles and major vessels of rats under normal conditions and in experimental myocardial ischemia] Andreenko GV, et al. **Kardiologiia** 17(3):114–8, Mar 77 (Eng. Abstr.)**(Rus)**

[Disseminated intravascular coagulation in myocardial infarct] Asoskov VA. **Kardiologiia** 16(4):59–64, Apr 76 (Eng. Abstr.) **(Rus)**

[Blood viscosity in ischemic heart disease with different types of hyperlipoproteinemia] Dudaev VA, et al. **Kardiologiia** 17(6):79–82, Jun 77 (Eng. Abstr.) **(Rus)**

[Intravascular disorders of microcirculation and microthrombus formation in patients with chronic ischemic disease of the heart] Furkalo NK, et al. **Kardiologiia** 16(12):32–40, Dec 76 (Eng. Abstr.) **(Rus)**

[Prevalence of ischemic heart disease depending on the extent of manifestation of certain risk factors] Metelitsa VI, et al. **Kardiologiia** 17(2):83–91, 1977 (Eng. Abstr.) **(Rus)**

[Myocardial infarct repair in the light of clinico-biochemical and morphological studies] Movshovich BL, et al. **Kardiologiia** 17(1):108–14, Jan 77 (Eng. Abstr.) **(Rus)**

[Rheologic properties of blood in patients with complicated and uncomplicated course of acute myocardial infarct] Razumov VB, et al. **Kardiologiia** 16(4):53–8, Apr 76 (Eng. Abstr.) **(Rus)**

[Non-enzymatic fibrinolytic activity in patients with hypertension under conditions of emotional tension] Sokolov EI, et al. **Kardiologiia** 16(11):83–7, Nov 76 **(Rus)**

[Clinico-biochemical evaluation of the activity of chronic pneumonia] Emel'kin VI, et al. **Klin Med (Mosk)** 55(3):105–8, Mar 77 **(Rus)**

[Changes in several plasma protein indices in dogs with acute blood loss after blood replacement with polyglucin and rheopolyglucin] Liaĭman OM, et al. **Probl Gematol Pereliv Krovi** 21(8):25–8, Aug 76 (Eng.

Abstr.) **(Rus)**

[Occupational bronchial asthma and pathochemical methods of its evaluation] Orlova AA, et al. **Sov Med** (4):91–5, Apr 76 (Eng. Abstr.) **(Rus)**

[Fibrinolytic system in patients with nephrotic syndrome] Andreenko GV, et al. **Ter Arkh** 40(2):89–99, 1976 (Eng. Abstr.) **(Rus)**

[Change in fibrinogen and enzymatic and nonenzymatic fibrinolytic activity of blood in patients with low-degree rheumatic heart disease under the effect of treatment with acetylsalicylic acid] Andreenko GV, et al. **Ter Arkh** 48(11):64–70, 1976 (Eng. Abstr.) **(Rus)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

[Value of thermal fractionation of lactate dehydrogenase and the protein composition of the blood in the differential diagnosis of the phases of acute pancreatitis] Khvatova EA. **Vestn Khir** 118(1):34–7, Jan 77 (Eng. Abstr.) **(Rus)**

[Micromethod of determining fibrinogen] Fomin AN. **Voen Med Zh** (10):70, Oct 76 **(Rus)**

[Effect of antithrombin III on anticoagulating system function in animals intravenously injected with tissue thromboplastin] Pastorova VE, et al. **Vopr Med Khim** 22(2):240–5, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Nutrition and state of health of older persons during physiologic aging] Chebotarev DF, et al. **Vopr Pitan** (6):22–31, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Influence of Etofibrate on plasma fibrinogen and plasminogen concentrations in patients with different forms of primary hyperlipoproteinemia. Spöttl F, et al. **Atherosclerosis** 25(2–3):293–301, Nov–Dec 76

Peptide aldehyde inhibitors of the fibrinogen–thrombin reaction. pp. 603–8. Bajusz S, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.

Treatment of severe intermittent claudication by controlled defibrination. Dormandy JA, et al. **Lancet** 1(8012):625–6, 19 Mar 77

Plasma-fibrinogen and thromboemboli after myocardial infarction [letter]. Sharp AA. **Lancet** 1(8005):251, 29 Jan 77

[Effect of 4-amidinophenylpyruvic acid on the generalized Sanarelli–Shwartzman phenomenon] Kleking GP, et al. **Farmakol Toksikol** 39(5):609–12, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Components of the fibrinolytic system of cadaveric blood in certain types of death] Krut' MI, et al. **Probl Gematol Pereliv Krovi** 21(12):30–2, Dec 76 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Synthesis rates of albumin and fibrinogen in patients with cardiac and pulmonary cachexia. Mayer G, et al. **Acta Hepatogastroenterol (Stuttg)** 24(2):82–5, Apr 77

Synthesis rates of fibrinogen and albumin in patients with rheumatoid arthritis. Schomerus H, et al. **Acta Hepatogastroenterol (Stuttg)** 24(1):11–4, Feb 77

Fibrinogen synthesis in rabbits: effects of altered levels of circulating fibrinogen. Alving BM, et al. **Am J Physiol** 232(5):H478–84, May 77

Fibrinogen synthesis stimulation by prostaglandin E1 and some other vasodilators. Carlson TH, et al. **Am J Physiol** 233(1):H1–19, Jul 77

Regulation of mammalian protein synthesis in vivo. Stimulated protein synthesis in liver in vivo after cycloheximide treatment. Ch'ih JJ, et al. **Biochem J** 162(3):501–7, 15 Mar 77

Influence of cortisol on tryptophan-mediated stimulation of hepatic protein synthesis in well-fed adrenalectomized rats. Majumdar AP, et al. **Biochem Med** 17(1):116–9, Feb 77

Immunochemical characterization of fibrinogen induction in rat liver. Kwan SW, et al. **Biochim Biophys Acta** 475(4):659–68, 19 Apr 77

Inhibition of the liver and plasma protein acute-phase response in mice by D-galactosamine. Koj A, et al. **Br J Exp Pathol** 57(6):733–41, Dec 76

Intracellular synthesis of alpha-fetoprotein and fibrinogen without secretion by Zajdela rat ascites hepatoma cells. Sarcione EJ, et al. **Cancer Res** 36(9 pt.1):3203–6, Sep 76

Serum protein synthesis in mutant mice with abnormal hepatic endoplasmic reticulum. Erickson RP, et al. **Cytobios** 15(57):49–56, 1976

Direct effects of glucagon on protein and amino acid metabolism in the isolated perfused rat liver. Interactions with insulin and dexamethasone in net synthesis of albumin and acute-phase proteins. Miller LL. **Diabetes** 25(2 SUPPL):865–71, 1976

Depressed secretion of plasma proteins synthesized by the liver: an ultrastructural investigation based on immunoperoxidase. pp. 379–94. Feldmann G, et al.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.

Plasma protein synthesis by isolated rat hepatocytes. Crane LJ, et al. **J Cell Biol** 72(1):11–25, Jan 77

Human platelet fibrinogen: a protein different from plasma fibrinogen. Soria J, et al. **Pathol Biol (Paris)** 24 Suppl:15–7, Dec 76

Fibrinogen response to turpentine and endotoxin in busulfan-treated rabbbits. Rapaport SI, et al. **Thromb Haemostas** 35(3):692–701, 30 Jun 76

The effect of leucocytic pyrogen on rabbit fibrinogen. A third view. Bocci V, et al. **Thromb Res** 9(5):505–12, Nov 76

Presence of a low molecular weight plasma fibrinogen stimulator and inhibitor in human urine. Wentland SH, et al. **Thromb Res** 10(3):337–47, Mar 77

Intensive plasmapheresis as a risk factor for arteriosclerotic cardiovascular disease? Lundsgaard-Hansen P. **Vox Sang** 33(1):1–4, Jul 77

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

[Direct action of extracorporeal circulation on platelets and coagulation factors] Baille Y, et al. **Ann Anesthesiol Fr** 18(1):43–50, 1977 (Eng. Abstr.) **(Fre)**

[Role of pulmonary metabolism in blood coagulation in physiology, clinical medicine and therapy] Balsano F, et al. **Clin Ter** 80(6):513–27, 31 Mar 77 **(Ita)**

[S-adenosylmethionine as a regulator of protein synthesis. Influence on plasmatic fibrinogen] Frezza M, et al. **Minerva Med** 68(17):1105–14, 7 Apr 77 (Eng. Abstr.)**(Ita)**

BLOOD

Comparison of leukocytic pyrogen and leukocytic endogenous mediator. Merriman CR, et al. **Proc Soc Exp Biol Med** 154(2):224–7, Feb 77

Platelet function studies in dogs with cyclic hematopoiesis. Reese ME Jr, et al. **Proc Soc Exp Biol Med** 153(2):324–9, Nov 76

Analysis of the disappearance curve of labelled fibrinogen at the time of hyperfibrinogenemia in rabbits with acute or chronic intravascular coagulation. Hasegawa H, et al. **Thromb Haemostas** 36(1):49–59, 31 Aug 76

[Blood coagulation upon contact between blood and polymeric materials possessing electretic protperties] Chepurov AK, et al. **Biull Eksp Biol Med** 83(2):166–9, Feb 77 (Eng. Abstr.) **(Rus)**

[Clinical perspectives in studies of trypsin–trypsin inhibitor system, plasma kinins and fibrinogen degradation products in peptic ulcer] Makarevich IaA, et al. **Ter Arkh** 49(5):89–92, 1977 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Quantitation of fibrinolytic activity of Syrian hamster fibroblasts using 3H-labeled fibrinogen prepared by reductive alkylation. Barrett JC, et al. **Cancer Res** 37(4):1182–5, Apr 77

DIAGNOSTIC USE

Deep vein thrombosis in surgery. Detection by the method using labelled fibrinogen. Jardon L. **Acta Anaesthesiol Belg** 27(4):193–236, 1976

Thrombosis following hip arthroplasty. A study using phlebography and 125I-fibrinogen test. Bergqvist D, et al. **Acta Orthop Scand** 47(5):549–57, Oct 76

Detection of anticoagulation therapy failures in patients with venous thrombosis. Pollak EW, et al. **Am J Surg** 134(2):214–6, Aug 77

Peroperative infusion of dextran 70 and dextran 40 in the prevention of postoperative deep venous thrombosis as confirmed by the I-125-labelled fibrinogen uptake method. Huttunen H, et al. **Ann Chir Gynaecol** 66(2):79–81, 1977

Proceedings: I-Labelled fibrinogen, autoradiography, and stereoarteriography in identification of coronary thrombotic occlusion in fatal myocardial infarction. Fulton WF, et al. **Br Heart J** 38(8):880, Aug 76

125I-fibrinogen uptake test. Loudon JR. **Br Med J** 2(6039):793, 2 Oct 76

Evaluation of 125I-fibrinogen test for venous thrombosis in patients with hip fractures: comparison between isotope

scanning and necropsy findings. Morris GK, et al. **Br Med J** 1(6056):264–6, 29 Jan 77

Quantitative determination of plasmin: a fibrinogenolytic method. Vukovich T. **Clin Chim Acta** 79(2):285–90, 1 Sep 77

Complications following total knee replacement. Kaushal SP, et al. **Clin Orthop** (121):181–7, Nov–Dec 76

The diagnosis of pulmonary embolism. Duranceau A, et al. **Compr Ther** 2(12):6–14, Dec 76

Hemodynamic measurements in peripheral vascular disease. Dean RH, et al. **Curr Probl Surg** 13(8):1–76, Aug 76 (288 ref.)

Controlled prevention of post-operative thrombosis in urological diseases with depot heparin. Sebeseri O, et al. **Eur Urol** 1(5):229–30, 1975

Diagnosis of venous thromboembolism: limitations and applications. pp. 183–213. Hirsh J, et al. **In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976.** (118 ref.)

Radiopharmaceuticals labelled with technetium. Eckelman WC, et al. **Int J Appl Radiat Isot** 28(1–2):67–82, Jan–Feb 77 (134 ref.)

123I-labeled soluble fibrin: preparation and comparison with other thrombus imaging agents. Harwig JF, et al. **Int J Appl Radiat Isot** 28(1–2):157–62, Jan–Feb 77

A review of radiopharmaceutical development with short-lived generator-produced radionuclides other than 99mTc. Hnatowich DJ. **Int J Appl Radiat Isot** 28(1–2):169–81, Jan–Feb 77 (121 ref.)

Clinical detection of rejection nephropathy using 125I-labelled fibrinogen. Niederle P, et al. **Int Urol Nephrol** 8(1):71–7, 1976

Hydroxychloroquine sulphate in prevention of deep venous thrombosis following fracture of the hip, pelvis, or thoracolumbar spine. Hansen EH, et al. **J Bone Joint Surg [Am]** 58(8):1089–93, Dec 76

Incidence of deep vein thrombosis and leg oedema in patients with strokes. Gibberd FB, et al. **J Neurol Neurosurg Psychiatry** 39(12):1222–5, Dec 76

Preparation and use of high specific activity 123I-labeled fibrinogen for deep veins thrombi imaging. Colombetti LG. **J Nucl Biol Med** 20(1):45–8, Jan–Mar 76

Early diagnosis of venous thrombosis using 125I-fibrinogen. Carretta RF, et al. **J Nucl Med** 18(1):5–10, Jan 77

Biologic half-time of 125I-fibrinogen [letter]. Forsberg K, et al. **J Nucl Med** 18(2):189–90, Feb 77

Thrombus detection: here and now [editorial]. Tow DE. **J Nucl Med** 18(1):90–1, Jan 77

Venous thrombosis in acute spinal cord paralysis. Brach BB, et al. **J Trauma** 17(4):289–92, Apr 77

Identifying patients at risk for thromboembolism. Use of 125I-labeled fibrinogen in patients with acute myocardial infarction. Cristal N, et al. **JAMA** 236(24):2755–7, 13 Dec 76

Clinically suspected deep venous thrombosis of the lower extremities. A comparison of venography, impedance plethysmography, and radiolabeled fibrinogen. Moser KM, et al. **JAMA** 237(20):2195–8, 16 May 77

Deep venous thrombosis [letter] Young AE, et al. **JAMA** 238(14):1502, 3 Oct 77

The great circulatory paradox [letter] Fulton WF, et al. **Lancet** 2(8027):46, 2 Jul 77

Phlebography and radionuclide clot localization in the lower extremities. Grollman JH Jr, et al. **Radiol Clin North Am** 14(2):371–85, Aug 76

Iodine-123-fibrinogen scintigraphy. DeNardo SJ, et al. **Semin Nucl Med** 7(3):245–51, Jul 77

Fibrinogen uptake test for detection of deep vein thrombosis--a review of current practice. Kakkar VV. **Semin Nucl Med** 7(3):229–44, Jul 77 (67 ref.)

Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

The problem of thromboembolic disease. Sherry S. **Semin Nucl Med** 7(3):205–11, Jul 77

Labeled albumin aggregates for detection of clots. Webber MM. **Semin Nucl Med** 7(3):253–61, Jul 77

Fibrinogen 131I scans for detection of experimental absesses. Sham R, et al. **Surg Forum** 27(62):20–2, 1976

The present status of acute deep venous thrombosis. Strandness DE Jr, et al. **Surg Gynecol Obstet** 145(3):433–45, Sep 77

131I-fibrinogen in the detection of pulmonary allograft rejection. Bardfeld PA, et al. **Surgery** 80(5):575–80, Nov 76

The prevention of deep vein thrombosis, with particular reference to mechanical methods of prevention. Cotton TL. **Surgery** 81(2):228–35, Feb 77 (64 ref.)

A method for the measurement of fibrinolytic activity based on one dimensional diffusion using small glass tubes. II. With special reference to the differences between the use of plasminogen-rich fibrinogen and that of plasminogen-free fibrinogen as the substrates. Yasukouchi T, et al. **Thromb Haemostas** 37(3):456–63, 30 Jun 77

Diagnosis of deep vein thrombosis and pulmonary embolism. Kakkar VV. **Triangle** 16(1):1–9, 1977

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

[Current methods of diagnosis of phlebitis of the lower limbs] Serradimigni A, et al. **Coeur Med Interne** 16(2):221–36, Apr–Jun 77 (Eng. Abstr.) **(Fre)**

[Diagnostic methods in venous thrombosis of limbs (excluding phlebography)] Jantet G. **Rev Prat** 27(21):1315–8, 11 Apr 77 (Eng. Abstr.) **(Fre)**

[Detection of venous occlusions of the leg and pelvis by means of nuclear medicine] Mostbeck A, et al. **Acta Med Austriaca** 3(4):120–5, 1976 (Eng. Abstr.) **(Ger)**

[Demonstration of arterial vascular occlusions using 125 I-fibrinogen] Sabeti M, et al. **Acta Med Austriaca** 3(5):176–9, 1976 (Eng. Abstr.) **(Ger)**

[On the correlation of 125I-fibrinogen test of contrast medium phlebography in patients with increased risk of thrombosis] Endert G, et al. **Radiol Diagn (Berl)** 18(2):245–9, 2 Apr 77 (Eng. Abstr.) **(Ger)**

[Prevention of thromboembolic complications in transurethral resection of the prostate (author's transl)] von Hospenthal J, et al. **Urologe [A]** 16(2):88–92, Mar 77 (Eng. Abstr.) **(Ger)**

[Diagnosis of thromboembolic diseases] Straub PW. **Wien Med Wochenschr** 127(10):307–9, 30 May 77 **(Ger)**

[Diagnosis of phlebothrombosis] Kakkar VV. **Recent Prog Med (Roma)** 60(1):13–30, Jan 76 (34 ref.) (Eng. Abstr.) **(Ita)**

[Analytical methods of study of the system of fibrinolysis (plasminogen proactivators-activators, plasminogen-plasmin, antiplasmins, antiactivators) (literature review)] Guseĭnov ChS, et al. **Lab Delo** (5):276–83, 1976 **(Rus)**

[Radioindication of acute venous thrombosis] Iablokov EG, et al. **Med Radiol (Mosk)** 21(6):22–9, Jun 76 (Eng. Abstr.) **(Rus)**

[Acute thrombophlebitis of the saphenous veins as a problem of emergency surgery] Savel'ev VS, et al. **Vestn Khir** 117(9):3–9, Sep 76 (Eng. Abstr.) **(Rus)**

[Diagnosis of postoperative thrombophlebitis] Savel'ev VS, et al. **Vestn Khir** 116(1):14–20, Jan 76 (Eng. Abstr.) **(Rus)**

[Clinical value and technics of diagnosis of deep vein thrombosis of the lower extremities by means of radioactive iodine-labeled fibrinogen] Stefanović Lj. **Med Pregl** 29(9–10):441–7, 1976 (Eng. Abstr.) **(Scr)**

IMMUNOLOGY

Quantitative counterimmunoelectrophoresis for urinary fibrinogen-related antigens. Ruiz-Reyes G, et al. **Am J Clin Pathol** 67(2):174–6, Feb 77

Isolation of substrates of epidermal transglutaminase from bovine epidermis. Buxman MM, et al. **Biochem Biophys Res Commun** 73(2):470–8, 22 Nov 76

Clotting factors and platelets. Immunofluorescence evidence that fibrinogen and factor VIII are present in human washed platelets, whereas prothrombin complex factors and factor XIII are lacking. Betterle C, et al. **Haemostasis** 6(3):171–9, 1977

Human fibrinogen--immunological properties of the subunits. Gårdlund B. **Immunochemistry** 14(6):405–14, Jun 77

Immunochemistry of bovine fibrinogen--III. Localization of two antigenic determinants in fibrinopeptide B. Tanswell P, et al. **Immunochemistry** 14(4):277–81, Apr 77

In vivo suppression of the primary immune response by a species of low density serum lipoprotein. Curtiss LK, et al. **J Immunol** 118(2):648–52, Feb 77

Systemic expression of cutaneous basophil hypersensitivity. Dvorak HF, et al. **J Immunol** 118(5):1549–57, May 77

Investigation of the apparent delay in mobility of albumin, alpha-1-antitrypsin, haptoglobin 1-1 and fibrinogen in electroimmunodiffusion. Groc W, et al. **J Immunol Methods** 12(3–4):227–36, 1976

On the origin of urinary fibrin-fibrinogen-related antigen in glomerulonephritis. Bone JM, et al. **J Lab Clin Med** 89(5):1043–52, May 77

A method for measurement of fibrin monomer with the use of an immune precipitate of fibrinogen. Kisker CT, et al. **J Lab Clin Med** 89(3):653–8, Mar 77

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

Unique immunological cross-reactivity between fragments D and/or E of three heterologous mammalian fibrinogens. Chen JP. **Thromb Res** 11(1):31–42, Jul 77

An abnormal fibrinogen in a Venezuelan family. de Bosch NB, et al. **Thromb Res** 10(2):253–65, Feb 77

Cross-immuno reactivities of mammalian fibrinogens. Lewis JH. **Thromb Res** 9(5):473–8, Nov 76

The D:E complex as a discrete plasmic cleavage product of fibrinogen [letter]. Plow EF, et al. **Thromb Res** 10(1):175–81, Jan 77

[Immunomorphological study of plasmorrhagia in experimental hypertension in rats] Trusov OA. **Arkh Patol** 38(11):17–22, 1976 **(Rus)**

[Determination of fibrin–fibrinogen degradation products in the blood serum by an immunological method] Andreenko GV, et al. **Lab Delo** (4):206–8, 1976 **(Rus)**

ISOLATION & PURIFICATION

Infrared spectrophotometric observations of the adsorption of fibrinogen from solution at optically transparent carbon film electrode surfaces. Mattson JS, et al. **Anal Chem** 48(14):2164–7, Dec 76

On the origin of the Aalpha chain heterogeneity of human fibrinogen. Semeraro N, et al. **Biochim Biophys Acta** 492(1):204–14, 27 May 77

Crystalline states of a modified fibrinogen. Tooney NM, et al. **J Mol Biol** 110(2):363–85, 25 Feb 77

Human platelet fibrinogen: a protein different from plasma fibrinogen. Soria J, et al. **Pathol Biol (Paris)** 24 Suppl:15–7, Dec 76

Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

PURITY AND GENUINITY OF HUMAN FIBRINOGEN [LETTER]. Godal HC, et al. **Thromb Res** 9(4):419–21, Oct 76

Isolation of residual fibrinogen from a supernatant of plasma precipitated with 2.1 M glycine. Jilg W, et al. **Thromb Res** 9(5):479–89, Nov 76

Solution stability of bovine fibrinogen. Weathersby PK, et al. **Thromb Res** 10(2):245–52, Feb 77

In vivo stability of cryoprecipitate fibrinogen. Sherman LA. **Transfusion** 17(1):59–61, Jan–Feb 77

[Preparation and immunoephelometric quantitation of fibrinogen in rabbits] Dhermy D, et al. **Biochimie** 58(11–12):1311–20, 1976 (Eng. Abstr.) **(Fre)**

[Controlled study on the efficacy of external treatment in surface-near thrombophlebitis] Schedel F, et al. **Fortschr Med** 95(23):1557–60, 16 Jun 77 (Eng. Abstr.) **(Ger)**

[Hematic and plasmatic viscosity in cyanotic congenital heart diseases (author's transl)] Brunetti A, et al. **G Ital Cardiol** 7(3):221–32, 1977 (Eng. Abstr.) **(Ita)**

[Index of fibrinolysis with new fibrin plate (author's transl)] Hishikawa Y, et al. **J Physiol Soc Jpn** 39(1):1–11, 1977 (Eng. Abstr.) **(Jpn)**

[Purification of plasminogen-free fibrinoge 'practical method in clinical laboratory' (author's transl)] Yamada T, et al. **Jpn J Clin Pathol** 24(9):745–50, Sep 76 **(Jpn)**

[Plasmorrhagia into the myocardial cells after adrenaline-induced myocardial damage] Baranov VN, et al. **Kardiologiia** 16(9):111–3, Sep 76 (Eng. Abstr.) **(Rus)**

METABOLISM

Uptake of macromolecules by the thyroid. Zalin AM, et al. **Acta Endocrinol (Kbh)** 84(1):93–104, Jan 77

Protein adsorption to monosodium urate crystals: differential responses of human peripheral blood neutrophils. Skosey JL, et al. **Adv Exp Med Biol** 76B:209–13, 1977

Noninvasive prevention of deep vein thrombosis. Lee BY, et al. **Am Fam Physician** 14(5):128–34, Nov 76

Platelet and fibrinogen survival in coronary atherosclerosis. Response to medical and surgical therapy. Ritchie JL, et al. **Am J Cardiol** 39(4):595–8, Apr 77 (Eng. Abstr.)

Coagulation studies of viral hepatitis occurring during pregnancy. Adams WH, et al. **Am J Med Sci** 272(2):139–45, Sep–Oct 76

Molecular interactions in human atherosclerotic plaques. Smith EB. **Am J Pathol** 86(3):665–74, Mar 77

Fibrinogen synthesis in rabbits: effects of altered levels of circulating fibrinogen. Alving BM, et al. **Am J Physiol** 232(5):H478–84, May 77

Role of fibrinopeptide B release: comparison of fibrins produced by thrombin and Ancrod. Shen LL, et al. **Am J Physiol** 232(6):H629–33, Jun 77

Fibrinogen metabolism and disseminated intravascular coagulation in dengue hemorrhagic fever. Srichaikul T, et al. **Am J Trop Med Hyg** 26(3):525–32, May 77

Fibrinogen uptake test. Criteria for interpretation of results in patients with venous thrombosis. Pollak EW, et al. **Am Surg** 43(2):119–22, Feb 77

Improved method for isolation of human IgM as a by-product. Péterfy F, et al. **Ann Immunol Hung** 18:123–9, 1975

Metabolic influences in experimental thrombosis. Antoniades HN, et al. **Ann NY Acad Sci** 275:28–46, 1976

Remarks on the interaction of thrombim and heparin. Arányi P, et al. **Arch Biochem Biophys** 181(2):678–9, Jun 77

Mechanism of action of thrombin on fibrinogen. Reaction of the n-terminal CNDr fragment from the Bbeta chain of bovine fibrinogen with bovine thrombin. Hageman TC, et al. **Arch Biochem Biophys** 179(2):506–17, Mar 77

Mechanism of action of thrombin on fibrinogen. The reaction of thrombin with fibrinogen-like peptides containing 11, 14, and 16 residues. van Nispen JW, et al. **Arch Biochem Biophys** 182(1):227–43, Jul 77

On coupling bovine fibrinogen to the surface of malignant murine plasma cells by means of transglutaminase. Fésüs L, et al. **Biochem Biophys Res Commun** 72(1):131–7, 7 Sep 76

Alteration in plasma and cellular enzyme and protein levels after lethal and non-lethal doses of cycloheximide in the rat. Ch'ih JJ, et al. **Biochem Pharmacol** 25(21):2407–8, 1 Nov 76

Effect of steric exclusion by dextran on the conversion of fibrinogen into fibrin. Rampling MW, et al. **Biochem Soc Trans** 4(4):688–90, 1976

Proteolytic fragmentation of fibrinogen. I. Comparison of the fragmentation of human and bovine fibrinogen by trypsin or plasmin. Mihalyi E, et al. **Biochemistry** 15(24):5372–81, 30 Nov 76

Proteolytic fragmentation of fibrinogen. II. kinetic modeling of the digestion of human and bovine fibrinogen plasmin or trypsin. Shrager RI, et al. **Biochemistry** 15(24):7382–6, 30 Nov 76

Immunochemical characterization of fibrinogen induction in rat liver. Kwan SW, et al. **Biochim Biophys Acta** 475(4):659–68, 19 Apr 77

The binding of calcium to bovine fibrinogen. Marguerie G, et al. **Biochim Biophys Acta** 490(1):94–103, 25 Jan 77

On the origin of the Aalpha chain heterogeneity of human fibrinogen. Semeraro N, et al. **Biochim Biophys Acta** 492(1):204–14, 27 May 77

The proteolytic action of bacterial proteases from Clostridium histolyticum on bovine fibrinogen. Tranqui L, et al. **Biochim Biophys Acta** 492(1):215–24, 27 May 77

Relationship between the anticoagulant and antithrombotic effects of heparin in experimental venous thrombosis. Chiu HM, et al. **Blood** 49(2):171–84, Feb 77

Abnormal fibrin polymerization in liver disease. Green G, et al. **Br J Haematol** 34(3):427–39, Nov 76

Acquired dysfibrinogenaemia in acute and chronic liver disease. Lane DA, et al. **Br J Haematol** 35(2):301–8, Feb 77

An epidemiological study of the haemostatic and other effects of oral contraceptives. Meade TW, et al. **Br J Haematol** 34(3):353–64, Nov 76

Platelet antithrombins: role of thrombin binding and the release of platelet fibrinogen. Watanabe K, et al. **Br J Haematol** 35(1):123–33, Jan 77

Platelet and fibrinogen survival in acute promyelocytic leukaemia. Bennett M, et al. **Br Med J** 2(6035):565, 4 Sep 76

Biochemically detectable tumor markers in urine of bladder cancer patients. Irving CC. **Cancer Res** 37(8 Pt 2):2872–4, Aug 77

Blood coagulation changes in mice bearing Lewis lung carcinoma, a metastasizing tumor. Poggi A, et al. **Cancer Res** 37(1):272–7, Jan 77

Effect of coronary thrombus age on fibrinogen uptake. Moschos CB, et al. **Circulation** 54(4):653–6, Oct76

Continued incorporation of circulating radiolabeled fibrinogen into preformed coronary artery thrombi. Salimi A, et al. **Circulation** 56(2):213–7, Aug 77

Quantitative determination of plasmin: a fibrinogenolytic method. Vukovich T. **Clin Chim Acta** 79(2):285–90, 1 Sep 77

The effect of oxpentifylline ('Trental') on fibrinolytic activity and plasma fibrinogen levels. Jarret PE, et al. **Curr Med Res Opin** 4(7):492–5, 1977

Fibrinolysis and diabetic retinopathy. Almér LA, et al. **Diabetes** 25(2 SUPPL):807–10, 1976

Induced fat embolism in rabbits: effects of defibrinogenation and thrombocytopenia. Lahnborg G, et al. **Eur Surg Res** 8(5):428–34, 1976

The abscence of intravascular clotting in rat anaphylaxis. Fésüs L, et al. **Experientia** 32(11):1477–8, 15 Nov 76

Plasma fibrinogen response in the rat after thyroid stimulating hormone therapy. Palma JA. **Experientia** 32(11):1481–2, 15 Nov 76

Fibrinogen turnover during the administration of high phospholipidic content placental extracts. Casale G, et al. **Farmaco [Prat]** 32(6):312–7, Jun 77

Behaviour of 125I-fibrinogen and 131I-albumin in experimental galactosamine-induced hepatitis. Mahn I, et al. **Gut** 18(7):547–55, Jul 77

Fibrin(-ogen) interactions with plasmin. Gaffney PJ. **Haemostasis** 6(1):2–25, 1977 (83 ref.)

Changes in coagulation factors following acute myocardial infarction in man. Rennie JA, et al. **Haemostasis** 5(4):258–64, 1976

Differences in the reactivities of human urokinase and the porcine tissue plasminogen activator. Thorsen S, et al. **Haemostasis** 5(5):295–305, 1976

Study of experimental glomerulonephritis and of normal glomerular protein filtration by immunoperoxidase. pp. 409–18. Laliberté F, et al.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975. (Eng. Abstr.)

Factors affecting lipoprotein deposition in the arterial wall. pp. 79–86. Walton KW.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974. (46 ref.)

Some basic mechanisms in platelet physiology. pp. 38–49. Salzman EW.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (62 ref.)

A multi-unit controlled trial of heparin and dextran in the prevention of venous thromboembolic disease. pp. 325–35. Ruckley CV.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Serine proteases of coagulation and their inhibitors. pp. 189–202. Davie EW, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (46 ref.)

Fibrin formation and dissolution. pp. 239–61. McKee PA.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (53 ref.)

Thyroid uptake of foreign macromolecules. pp. 35–47. Zalin AM, et al.
In: von zur Mühlen A, Schleusener H, ed. Biochemical basis of thyroid stimulation and thyroid hormone. Stuttgart, Thieme, 1976. WK 202 B615 1975.

Blood fibrinolytic activity before and after oral surgery. Gersel-Pedersen N. **Int J Oral Surg** 6(1):42–7, Feb 77

Salivary fibrinolytic activity before and after oral surgery estimated on different types of fibrin. Gersel-Pedersin N. **Int J Oral Surg** 5(6):270–5, Dec 76

Turnover of fibrinogen, plasminogen, and prothrombin during exercise in man. Collen D, et al. **J Appl Physiol** 42(6):865–73, Jun 77

Activator activities of the transient forms of the human plasminogen-streptokinase complex during its proteolytic conversion to the stable activator complex. Markus G, et al. **J Biol Chem** 251(21):6495–504, 10 Nov 76

Cuff-impedance phlebography and 125I fibrinogen scanning versus roentgenographic phlebography for diagnosis of thrombophlebitis following hip surgery. A preliminary report. Harris WH, et al. **J Bone Joint Surg [Am]** 58(7):939–44, Oct 76

Thromboembolic disease in patients undergoing total knee replacement. McKenna R, et al. **J Bone Joint Surg [Am]** 58(7):928–32, Oct 76

Prevention of venous thromboembolism in orthopaedic patients. Salzman EW, et al. **J Bone Joint Surg [Am]** 58(7):903–13, Oct 76

Fibrinolysis and liver regeneration. Rixon RH, et al. **J Cell Physiol** 92(1):13–21, Jul 77

The behavior of alpha2-plasmin inhibitor in fibrinolytic states. Aoki N, et al. **J Clin Invest** 60(2):361–9, Aug 77

The generation of fibrinopeptide A in clinical blood samples: evidence for thrombin activity. Nossel HL, et al. **J Clin Invest** 58(5):1136–44, Nov 76

Dysfibrinogenemia associated with liver disease. Palascak JE, et al. **J Clin Invest** 60(1):89–95, Jul 77

Interactions among heparin, cold-insoluble globulin, and fibrinogen in formation of the heparin-precipitable fraction of plasma. Stathakis NE, et al. **J Clin Invest** 60(4):855–65, Oct 77

Specific binding of soluble fibrin to macrophages. Sherman LA, et al. **J Exp Med** 145(1):76–85, 1 Jan 77

Coagulopathy in experimental sepsis with Streptococcus pneumoniae in rabbits: effect of drug therapy and splenectomy. Guckian JC. **J Infect Dis** 134(2):150–7, Aug 76

Studies of the coagulation and complement systems during experimental Rocky Mountain spotted fever in rhesus monkeys. Mosher DF, et al. **J Infect Dis** 135(6):985–9, Jun 77

A double-isotope study on incorporation of platelets and red cells into fibrin. Brown RS, et al. **J Lab Clin Med** 90(1):130–40, Jul 77

Plasmic degradation of fibrinogen Paris I. Budzynski AZ, et al. **J Lab Clin Med** 88(5):817–25, Nov 76

Biological behavior of higher molecular weight products of fibrinolysis. Chang ML, et al. **J Lab Clin Med** 90(1):216–26, Jul 77

Fibrinogen catabolism in the surgically treated patient and in those with postoperative venous thrombosis. Correlation of plasma fibrinogen chromatographic findings with 125I-labeled fibrinogen scan findings. Fletcher AP, et al. **J Lab Clin Med** 89(6):1349–64, Jun 77

Comparison of iodine monochloride and modified chloramine-T radioiodination for in vivo protein studies. Lee J, et al. **J Lab Clin Med** 89(4):836–44, Apr 77

Abnormal fibrinogen heterogeneity and fibrinolytic activity in advanced liver disease. Lipinski B, et al. **J Lab Clin Med** 90(1):187–94, Jul 77

Functional and metabolic properties of human asialofibrinogen. Martinez J, et al. **J Lab Clin Med** 89(2):367–77, Feb 77

Kinetic characterization of hemostasis in thermal injury. Simon TL, et al. **J Lab Clin Med** 89(4):702–11, Apr 77

Physiologic and biologic behavior of autologous canine 131L-fibrinogen labeled by a chloramine-T method. Steinberg MG, et al. **J Lab Clin Med** 89(5):1105–11, May 77

In vitro stability and in vivo clearance of fibrinogen or serum albumin labeled with 77Br, 131I, or 125I by direct or indirect synthetic methods. Knight LC, et al. **J Nucl Med** 18(3):282–8, Mar 77

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

Anticoagulant and immunosuppressive drugs in the treatment of severe glomerulonephritis with coagulopathy [editorial]. West CD. **J Pediatr** 90(6):1051–2, Jun 77

Current concepts of defibrination in the pregnant woman. Kleiner GJ, et al. **J Reprod Med** 17(6):309–17, Dec 76

Penicillamine in rheumatoid arthritis. Connective tissue changes and alterations in serum copper and phase reactants in relation to clinical improvement. Hansen TM, et al. **J Rheumatol** 3(4):367–74, Dec 76

Hematologic changes following burns. Caprini JA, et al. **J Surg Res** 22(6):626–35, Jun 77

Fat embolism prophylaxis: a study of four treatment modalities. Shier MR, et al. **J Trauma** 17(8):621–9, Aug 77

Venous disease and its complications. Friedman SA. **Med Clin North Am** 60(6):1093–104, 1976

Pulmonary tissue fibrinolysis in traumatized rats pretreated with tranexamic acid. Risberg B, et al. **Microvasc Res** 13(1):91–5, Jan 77

Gemfibrozil as a lipid lowering compound in hyperlipoproteinaemia. A placebo-controlled cross-over trial. Vessby B, et al. **Proc R Soc Med** 69 Suppl 2:32–7, 1976

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

Protection of rats by phospholipase C from Bacillus cereus against the effects of intravenous infusions of purified tissue thromboplastin. Gierocksky KE, et al. **Scand J Haematol** 17(4):305–11, Oct 76

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

Diagnosis of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):203–31, Apr 76 (159 ref.)

Correlation of endothelial damage with fibrinogen 125I accumulation in arteries. Sanchez M, et al. **Surg Forum** 27(62):210–2, 1976

Fibrin formation: the role of the fibrinogen-fibrin monomer complex. Brass EP, et al. **Thromb Haemostas** 36(1):37–48.

31 Aug 76
Immunoelectrophoretic studies on the kinetics of plasmic degradation of human fibrinogen. Braude R, et al. **Thromb Haemostas** 37(1):136–43, 28 Feb 77 (Eng. Abstr.)
Biological properties of dialysable peptides derived from plasmin digestion of bovine fibrinogen preparations. Buczko W, et al. **Thromb Haemostas** 35(3):651–7, 30 Jun 76
Some factors influencing metabolism and distribution of fibrinogen in man and rabbits. Chen YH, et al. **Thromb Haemostas** 37(2):243–52, 30 Apr 77
Clottability and cross-linking reactivity of fibrin(ogen) following differential release of fibrinopeptides A and B. Furlan M, et al. **Thromb Haemostas** 36(3):582–92, 31 Dec 76
Studies on the action mechanism of the antihemostatic effect of lodopeptides. Golub AL, et al. **Thromb Haemostas** 35(2):437–46, 30 Apr 76
Studies of an inhibitor of the thrombin–fibrinogen reaction localized in rat liver microsomes. Interference with the polymerization step. Helgeland L. **Thromb Haemostas** 36(3):509–16, 31 Dec 76
Thrombin elaboration in endotoxin-induced intravascular fibrin deposition. A leukocyte dependent process distinct from systemic hypercoagulability. Lipinski B, et al. **Thromb Haemostas** 36(3):615–22, 31 Dec 76
The functional defects of hereditary dysfibrinogens. Marder VJ. **Thromb Haemostas** 36(1):1–8, 31 Aug 76
Use of 125I-fibrinogen kinetic data to detect disseminated intravascular coagulation and deposition of fibrin in patients with metastatic cancer. Robson EB, et al. **Thromb Haemostas** 37(3):484–508, 30 Jun 77
Effects of endotoxin in cortisone-treated rabbits with a hereditary deficiency of the sixth component of complement (C6 deficiency). Stafford BT, et al. **Thromb Haemostas** 35(2):460–71, 30 Apr 76
Studies on the degradation of fibrinogen Giessen I. Bleyl H, et al. **Thromb Res** 9(4):329–34, Oct 76
Regulation of the thrombin time in cirrhosis. Braunstein KM, et al. **Thromb Res** 9(4):301–17, Oct 76
The formation of a fibrinogen–activator complex by the action of streptokinase. Chesterman CN, et al. **Thromb Res** 10(3):421–30, Mar 77
Deep venous thrombosis and multiple regression analyses of the influence from various clincial factors on the fibrinogen half-life in surgical patients, using 125I-fibrinogen. Forsberg K, et al. **Thromb Res** 10(2):235–44, Feb 77
Dissociation of human factor VIII BY Rhizopus lipase. Furlan M, et al. **Thromb Res** 10(3):431–43, Mar 77
Digestion of amidinated and phenylglyoxal treated fibrinogen by plasmin. Kang EP, et al. **Thromb Res** 9(3):261–6, Sep 76
Studies on chemically modified fibrinogen. II. Physicochemical properties of maleylated fibrinogen. Kloczewiak M, et al. **Thromb Res** 9(4):359–68, Oct 76
Thrombin time prolongation in cirrhosis in relation to enhanced fibrinogen degradation [letter]. Lipinski B, et al. **Thromb Res** 10(1):185–7, Jan 77
Formation and dissociation of soluble fibrin in vivo. Mahn I, et al. **Thromb Res** 11(1):67–80, Jul 77
Thrombin-like enzyme from the venom of Crotalus adamanteus (eastern diamondback rattlesnake). Markland FS, et al. **Thromb Res** 10(3):487–94, Mar 77
Production and properties of Staphylococcus aureus (strain Newman D2C) with uniform clumping factor activity. Miller KD, et al. **Thromb Res** 10(2):203–11, Feb 77
Hydrolysis of fibrinogen Paris I by plasmin. Mosesson MW, et al. **Thromb Res** 9(2):115–21, Aug 76
The D:E complex as a discrete plasmic cleavage product of fibrinogen [letter]. Plow EF, et al. **Thromb Res** 10(1):175–81, Jan 77
Effect of dextran on clotting time: steric exclusion accelerates fibrin monomer polymerisation. Rampling MW, et al. **Thromb Res** 9(4):379–86, Oct 76
Degradation of human fibrinogen by plasmin: a kinetic study. Regañon E, et al. **Thromb Res** 10(3):411–9, Mar 77
Estrogen incubation of fibrinogen: failure to demonstrate soluble fibrin monomer complexes. Stemberger A, et al. **Thromb Res** 9(3):233–9, Sep 76
Incorporation of 125 I-fibrinogen in circulating soluble fibrin monomer complexes during hypercoagulability. von Hugo R, et al. **Thromb Res** 10(5):703–10, May 77
Role of abnormal blood rheology in the pathogenesis of diabetic retinopathy. Little HL, et al. **Trans Am Acad Ophthalmol Otolaryngol** 83(3 Pt 1):OP522–34, May–Jun 77
In vivo stability of cryoprecipitate fibrinogen. Sherman LA. **Transfusion** 17(1):59–61, Jan–Feb 77
Diagnosis of deep vein thrombosis and pulmonary embolism. Kakkar VV. **Triangle** 16(1):1–9, 1977
On thrombocytopenia developing in mice bearing a spontaneously metastasizing tumor. Poggi A, et al. **Z Krebsforsch** 86(3):303–6, 30 Aug 76
[Hyperfibrinogenemia and the ethanol-gelification test] Vorlová Z, et al. **Vnitr Lek** 22(10):1003–8, Oct 76 (Eng. Abstr.) **(Cze)**
[Urokinase treatment of threatened and acute myocardial infarct] Babeau P, et al. **Ann Med Interne (Paris)** 128(2):219–25, Feb 77 **(Fre)**
Fibrinogen in neonatal infections [letter] Aicardi J. **Arch Fr Pediatr** 33(7):717–9, Aug–Sep 76 **(Fre)**
[Valve protheses and anti-vitamin K. Biological study in patients given weak and strong doses of anticoagulants] Boisseau M, et al. **Arch Mal Coeur** 69(2):219–21, Feb 76 (Eng. Abstr.) **(Fre)**
[Urokinase. Biochemical therapeutical and therapeutical data (author's transl)] Kher A. **Pathol Biol (Paris)** 24 Suppl:54–69, Dec 76 (115 ref.) (Eng. Abstr.) **(Fre)**
[Chemical properties of plasma fibrinogens and fibrins from normal and cobalt-treated rabbits] Lober M, et al. **Acta Biol Med Ger** 34?710:1573–88, 1975 (Eng. Abstr.) **(Ger)**
[Detection of arterial thrombosis with 125I-fibrinogen (proceedings)] Sabeti M, et al. **Acta Med Austriaca® [Suppl]** (3):223, 1976 **(Ger)**
[Clinical-chemical studies in schizophrenic out-patients under neuroleptic long-term treatment with particular consideration of the hepatic metabolism (author's transl)] Gonçalves N, et al. **Pharmakopsychiatr Neuropsychopharmakol** 10(1):36–40, Jan 77 (Eng. Abstr.) **(Ger)**
[Reactions at human platelet membrane after adhesion and aggregation] Dierichs R, et al. **Verh Anat Ges** (70 Pt 2):955–60, 1976 (Eng. Abstr.) **(Ger)**
[Early detection of postoperative deep-vein thrombosis in gynaecological patients by the 125I-Fibrinogen test (author's transl)] Endl J, et al. **Wien Klin Wochenschr** 89(9):304–7, 29 Apr 77 (Eng. Abstr.) **(Ger)**
[Significance of plasma-protein paracoagulation test in the diagnosis of thromboembolic the disease] Braun P, et al. **Z Gesamte Inn Med** 31(18):758–9, 15 Sep 76 (Eng. Abstr.) **(Ger)**
[Various possible pathogenicity factors in Staphylococcus aureus (proceedings)] Blobel H, et al. **Zentralbl Bakteriol [Orig A]** 235(1–3):91–7, Aug 76 (Eng. Abstr.) **(Ger)**
[Studies of the metabolism of fibrinogen-I 125 in cases of chronic glomerulonephritis and pyelonephritis and in uremic patients treated by periodical hemodialysis] Huber W, et al. **G Clin Med** 56(11–12):431–44, Nov–Dec 75 (Eng. Abstr.) **(Ita)**
[Determination of fibrinogen] Yamada S, et al. **Jpn J Clin Med** 34 suppl:2380–9, 1976 (118 ref.) **(Jpn)**
[Studies on the fibrinolytic system in ruptured intracranial aneurysm. Part 1. Monitoring of the antifibrinolytic therapy through repeated measurement of SK–euglobulin lysis time and FDP (author's transl)] Watanabe H, et al. **Neurol Surg (Tokyo)** 5(8):857–63, Jul 77 (Eng. Abstr.) **(Jpn)**
[Absorption of fibrinogen I-125 in the hepatosplenic form of schistosomiasis mansoni] Langer B, et al. **AMB** 22(12):449–53, Dec 76 (Eng. Abstr.) **(Por)**
[Improvement in the perfusion rate of the isolated rat liver under the influence of streptase] Duca S, et al. **Rev Med Intern [Med Intern]** 29(2):177–83, Mar–Apr 77 (Eng. Abstr.) **(Rum)**
[Benzoyl-DL-arginine-p-nitroanilidase from buckwheat seeds. Properties and substrate specificity] Emtseva IB, et al. **Biokhimiia** 42(4):726–34, Apr 77 (Eng. Abstr.) **(Rus)**
[Functional status of the anticoagulant system in splenectomized animals at various periods after surgery] Liapina LA, et al. **Biol Nauki** (7):87–90, 1976 **(Rus)**
[Accelerin (factor V), the catobolic product of fibrinogen] Chulkova T, et al. **Biull Eksp Biol Med** 82(8):950–2, Aug 76 (Eng. Abstr.) **(Rus)**
[Hypothalamus and the efferent paths of its influence on the anti-clotting system of the blood] Kalishevskaia TM, et al. **Fiziol Zh SSSR** 62(9):1337–42, SEP 76 (Eng. Abstr.) **(Rus)**
[The anticoagulant system following intravenous administration of factor XIII and thromboplastin] Liapina LA, et al. **Fiziol Zh SSSR** 62(8):1166–70, Aug 76 (Eng. Abstr.) **(Rus)**
[Circulation time of 125I-labeled fibrinogen in patients with ischemic heart disease with different types of hyperlipoproteinemia] Liusov VA, et al. **Kardiologiia** 16(4):49–53, Apr 76 (Eng. Abstr.) **(Rus)**
[Vascular plasmorrhagia in experimental hypertension] Trusov OA, et al. **Kardiologiia** 16(3):127–9, Mar 76 (Eng. Abstr.)

(Rus)
[Clinico-biochemical parallels in current course of scarlet fever] Gordeev NN, et al. **Pediatriia** (1):15-7, Jan 77 (Rus)
[Pathogenic significance of hemocoagulation process in glomerulonephritis in children] Naumova VI, et al. **Pediatriia** (2):19-22, Feb 77 (Eng. Abstr.) (Rus)
[Effect of an anti-atherosclerotic diet with a high protein concentration on fibrinolysis in patients with ischemic heart disease] Samsonov MA, et al. **Vopr Pitan** (5):34-9, Sep-Oct 76 (Eng. Abstr.) (Rus)
[Hemocoagulation values in patients with rheumatism estimated during test with local venous stasis] Moroz VN. **Vrach Delo** (4):75-80, Apr 77 (Eng. Abstr.) (Rus)
[Circulating levels of products of fibrinogen and fibrin monomer degradation in liver cirrhosis] Rocha E, et al. **Rev Med Univ Navarra** 18(3-4):143-7, Sep-Dec 74 (Spa)

PHARMACODYNAMICS

The effect of bovine fibrinopeptides on the central action of chlorpromazine and amphetamine in rats. Buczko W. **Acta Neurobiol Exp (Warsz)** 36(4):447-54, 1976
Platelet prostaglandin production and its implications. Smith JB, et al. **Adv Prostaglandin Thromboxane Res** 2:747-53, 1976
Relationship between phosphorylation of blood platelet proteins and secretion of platelet granule constituents. I. Effects of different aggregating agents. Haslam RJ, et al. **Biochem Biophys Res Commun** 77(2):714-22, 25 Jul 77
On the susceptibility of human platelets to aggregation by concanavalin A and the effect of this lectin on their response to ADP. Jones BM, et al. **Biochim Biophys Acta** 448(2):368-78, 5 Oct 76
Labelled polyvinylpyrrolidone as an in vivo indicator of reticuloendothelial activity. Regoeczi E. **Br J Exp Pathol** 57(4):431-42, Aug 76
Specific interaction of HLA antibodies (eluates) with washed platelets. Heinrich D, et al. **Br J Haematol** 35(3):441-52, Mar 77
Cross-linking of a major fibroblast surface-associated glycoprotein (fibronectin) catalyzed by blood coagulation factor XIII. Keski-Oja J, et al. **Cell** 9(1):29-35, Sep 76
Cell surface protein decreases microvilli and ruffles on transformed mouse and chick cells. Yamada KM, et al. **Cell** 9(2):241-5, Oct 76
Differences in the infectivity of Babesia incubated in plasma and serum and the role of glucose in prolonging viability. Farlow GE. **Int J Parasitol** 6(6):513-6, Dec 76
Determination of urinary fibrin/fibrinogen degradation products by radioimmunoassay. Ekberg M, et al. **Scand J Clin Lab Invest** 36(5):453-9, Sep 76
Effects of hepatic autologous lysosomal enzymes on rat lungs. Toomasian JM, et al. **Surg Forum** 27(62):173-5, 1976
[Thrombolytic activity of terrilytin and its effect on the coagulating system of the blood] Andreev SV, et al. **Biull Eksp Biol Med** 82(8):936-7, Aug 76 (Eng. Abstr.) (Rus)
[Effect of drugs on the erythrocytic component of hemostasis (literature survey)] Lakin KM, et al. **Farmakol Toksikol** 39(3):358-67, May-Jun 76 (191 ref.) (Rus)
[Quantitative determination of protector activity of fibrinogen tryptic hydrolysates] Musialkivs'ka AO, et al. **Ukr Biokhim Zh** 49(4):118-23, Jul-Aug 77 (Eng. Abstr.) (Ukr)

PHYSIOLOGY

Coagulation, oestrogen and the menopause. Notelovitz M. **Clin Obstet Gynaecol** 4(1):107-28, Apr 77
Total serum haemolytic complement activity, erythrocyte sedimentation rate and plasma fibrinogen as indicators of the stage in Hodgkin's disease. Wagener DJ, et al. **Eur J Clin Invest** 7(4):289-94, Aug 77
Induced fat embolism in rabbits: effects of defibrinogenation and thrombocytopenia. Lahnborg G, et al. **Eur Surg Res** 8(5):428-34, 1976
Structure and function of fibrinogen. Doolittle RF. **Horiz Biochem Biophys** 3:164-91, 1977 (38 ref.)
Correlation between plasma fibrinogen level and vascular complications in diabetes mellitus. pp. 189-95. Akazawa Y, et al. **In: Baba S, et al., ed. Diabetes mellitus in Asia. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.390 1975.**
Investigation of the apparent delay in mobility of albumin, alpha-1-antitrypsin, haptoglobin 1-1 and fibrinogen in electroimmunodiffusion. Groc W, et al. **J Immunol Methods** 12(3-4):227-36, 1976
Functional and metabolic properties of human asialofibrinogen. Martinez J, et al. **J Lab Clin Med** 89(2):367-77, Feb 77
Flow improvement after defibrinogenation. Gustafsson L, et al. **J Surg Res** 22(2):113-7, Feb 77
Studies on the blood clotting and fibrinolytic system in the plasma from a sei (baleen) whale. Saito H, et al. **Proc Soc Exp Biol Med** 152(4):503-7, Sep 76
Studies on chemically modified fibrinogen. Kloczewiak M, et al. **Thromb Haemostas** 35(2):324-33, 30 Apr 76
The effect of defibrinogenation on pulmonary embolism in dogs. Meissner AG, et al. **Thromb Haemostas** 36(1):140-9, 31 Aug 76
Fibrinogen and its derivatives: cofactors in the intrinsic generation of thrombin. Triantaphyllopoulos DC, et al. **Thromb Haemostas** 35(2):305-13, 30 Apr 76
[Variations in hemostasis in the infant under deep hypothermia] Doutremepuich C, et al. **Ann Anesthesiol Fr** 18(1):62-7, 1977 (Eng. Abstr.) (Fre)
[Inhibition mechanism to thrombin by antithrombins (author's transl)] Nishibe H. **Jpn J Clin Pathol** 24(5):425-8, May 76 (Jpn)
[Hepatic cirrhosis and clearance of fibrinolysis activators] Rocha E, et al. **Rev Clin Esp** 142(2):141-6, 31 Jul 76 (Eng. Abstr.) (Spa)

SECRETION

Intracellular synthesis of alpha-fetoprotein and fibrinogen without secretion by Zajdela rat ascites hepatoma cells. Sarcione EJ, et al. **Cancer Res** 36(9 pt.1):3203-6, Sep 76
[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45-51, Apr 76 (107 ref.) (Rus)

THERAPEUTIC USE

Afibrinogenemia with intracerebral hematoma. Report of a successfully treated case. Montgomery R, et al. **Am J Dis Child** 131(5):555-6, May 77
Cryoprecipitates as a source of fibrinogen in treatment of disseminated introvascular coagulation (DIC). Hattersley PG, et al. **Transfusion** 16(6):641-5, Nov-Dec 76
In vivo stability of cryoprecipitate fibrinogen. Sherman LA. **Transfusion** 17(1):59-61, Jan-Feb 77
[Blood coagulation disorders in acute liver failure and substitution therapy (proceedings)] Kleinberger G, et al. **Acta Med Austriaca® [Suppl]** (3):216-7, 1976 (Ger)
[Transfusion therapy in emergency surgery] Borodianskii VS, et al. **Probl Gematol Pereliv Krovi** 21(8):18-20, Aug 76 (Eng. Abstr.) (Rus)
[Hemostatic disorders in obstetrics and their correction] Mikhaĭlenko ET, et al. **Pediatr Akush Ginekol** (2):33-8, Mar-Apr 77 (Ukr)

URINE

Study of the correlation between glomerular and urinary sediment deposits using immunofluorescent technique. Orfila C, et al. **Biomedicine [Express]** 27(2):89-92, Mar 77
Biochemically detectable tumor markers in urine of bladder cancer patients. Irving CC. **Cancer Res** 37(8 Pt 2):2872-4, Aug 77

FIBRINOLYSIN

Fragmentation of porcine beta-lipotropic hormone with plasmin. Gráf L. **Acta Biochim Biophys Acad Sci Hung** 11(4):267-77, 1976
Amino acid sequence studies on the alpha chain of human fibrinogen. Covalent structure of the alpha-chain portion of fragment D. Doolittle, RF, et al. **Biochemistry** 16(8):1710-5, 19 Apr 77
Heterogeneity of the cold-insoluble globulin of human plasma (CIg), a circulating cell surface protein. Chen AB, et al. **Biochim Biophys Acta** 493(2):310-22, 23 Aug 77
Kinetic studies of the urokinase catalysed conversion of NH2-terminal lysine plasminogen to plasmin. Christensen U, et al. **Biochim Biophys Acta** 480(1):275-81, 11 Jan 77
Kinetic studies of the urokinase-catalysed conversion of NH2-terminal glutamic acid plasminogen to plasmin. Christensen U. **Biochim Biophys Acta** 481(2):638-47, 12 Apr 77
Fibrin digestion by thrombin. Comparison with plasmin-digested fibrinogen. Kang EP, et al. **Biochim Biophys Acta** 490(2):430-42, 22 Feb 77
On the interaction of alpha2-plasmin inhibitor and proteases. Evidence for the formation of a covalent crosslinkage and non-covalent weak bondings between the inhibitor and

proteases. Moroi M, et al. **Biochim Biophys Acta** 482(2):412–20, 10 Jun 77

Evidence for high-molecular weight active peptides originating from porcine plasmin autolysis. Grimard M. **Biochimie** 58(11–12):1409–12, 1976

Identification and some properties of a new fast-reacting plasmin inhibitor in human plasma. Colien D. **Eur J Biochem** 69(1):209–16, 1 Oct 76

Primary structure of the B-chain of human plasmin. Wiman B. **Eur J Biochem** 76(1):129–37, 1 Jun 77

Amino acid sequence linking plasmic fragments E and D in the beta-chain of human fibrin. Henschen A, et al. **Hoppe Seylers Z Physiol Chem** 357(12):1801–3, Dec 76

The nature of fragments of human growth hormone produced by plasmin digestion. pp. 33–40. Kostyo JL, et al. **In: Pecile A, Muller EE, ed. Growth hormone and related peptides. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.381 1975.**

Studies on plasmin-modified human growth hormone and its fragments. pp. 14–32. Li CH, et al. **In: Pecile A, Muller EE, ed. Growth hormone and related peptides. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.381 1975.**

Purification and some properties of the Glu- and Lys-human plasmin heavy chains. Gonzalez-Gronow M, et al. **J Biol Chem** 252(7):2175–7, 10 Apr 77

Isolation of a human plasmin-derived, functionally active, light (B) chain capable of forming with streptokinase an equimolar light (B) chain-streptokinase complex with plasminogen activator activity. Summaria L, et al. **J Biol Chem** 251(18):5810–13, 25 Sep 76

Rabbit plasminogen and plasmin isozymes. Castellino FJ, et al. **Methods Enzymol** 45:273–86, 1976

Human alpha2-macroglobulin. Harpel PC. **Methods Enzymol** 45:639–52, 1976

Plasminogen and plasmin. Robbins KC, et al. **Methods Enzymol** 45:257–73, 1976

Human somatotropin: biological characterization of the recombinant molecule. Li CH, et al. **Proc Natl Acad Sci USA** 73(10):3463–5, Oct 76

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

gamma-dimerization, alpha-polymerization, and plasmin degradation of human fibrin. Effect of various inhibitors of factor XIII on the patterns in SDS-electrophoresis and crossed immunoelectrophoresis. Feddersen JC, et al. **Thromb Haemostas** 36(1):27–36, 31 Aug 76

The functional defects of hereditary dysfibrinogens. Marder VJ. **Thromb Haemostas** 36(1):1–8, 31 Aug 76

A simple and practical method for isolation of an early plasmin degradation product of human fibrinogen. Takagi K, et al. **Thromb Haemostas** 37(3):464–70, 30 Jun 77

Fragments d - correlation between structure and biological activity. Dray-Attali L, et al. **Thromb Res** 10(4):575–86, Apr 77

The inactivation of thrombin and plasmin by antithrombin III in the presence of sepharose-heparin. Hatton MW, et al. **Thromb Res** 10(5):645–60, May 77

[Prophylaxis and therapy with gamma globulin. General characterization and clinical use of gamma globulin preparations] Barandun S, et al. **Schweiz Med Wochenschr** 106(16):533–42, 17 Apr 76 (Eng. Abstr.) **(Ger)**

[Chemistry of growth hormone] Yanaihara N. **Clin Endocrinol (Tokyo)** 25(2):123–30, Feb 77 (24 ref.) **(Jpn)**

[Changes of prothrombin activity by plasmin immobilized on L-lysine Sepharose 4B] Baskova IP, et al. **Biokhimiia** 42(2):293–6, Feb 77 (Eng. Abstr.) **(Rus)**

[Effect of phospholipase A on erythrocyte and thrombocyte aggregation] Levin GIa, et al. **Biull Eksp Biol Med** 82(12):1411–3, Dec 76 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Thrombolysis of palmar and digital arterial thrombosis by intra-arterial Thrombolysin. Kartchner MM, et al. **J Hand Surg** 1(1):67–74, Jul 76

[Use of protamine sulfate, epsilon-aminocaproic acid and serotonin in experimental hypofibrinogenemia and fibrinolysis caused by stimulation of the anticoagulant system] Kalishevskaia TM, et al. **Biol Nauki** (10):69–75, 1976 **(Rus)**

[Intraperitoneal administration of fibrinolysin, hydrocortisone and novocaine for the prevention of recurrences of adhesive obstruction of the intestines] Toropov IuD. **Klin Khir** (7):63–6, Jul 77 (Eng. Abstr.) **(Rus)**

[Electroaerosol therapy of burns of the respiratory tract] Borisov VG, et al. **Nov Med Priborostr** (2):101–4, 1974 **(Rus)**

[Changes in fibrinolysis system in patients with acute myocardial infarction in intracoronary administration of fibrinolysin with heparin] Andreenko GV, et al. **Ter Arkh** 49(4):8–13, 1977 (Eng. Abstr.) **(Rus)**

[Intracoronary administration of fibrinolysin in acute myocardial infarct] Chazov EI, et al. **Ter Arkh** 48(4):8–19, 1976 (Eng. Abstr.) **(Rus)**

[Intracarotid therapy of septic thrombosis of the cavernous sinuses] Nenashev IE, et al. **Vestn Otorinolaringol** (5):68–71, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

ANALYSIS

Use of peptidyl-4-methoxy-2-naphthylamides to assay plasmin. Clavin SA, et al. **Anal Biochem** 80(2):355–65, Jun 77

A sensitive fluorimetric assay of plasmin and plasminogen. Seelich T, et al. **Biochem Med** 17(2):202–14, Apr 77

Quantitative determination of plasmin: a fibrinogenolytic method. Vukovich T. **Clin Chim Acta** 79(2):285–90, 1 Sep 77

A latex agglutination test for rapid quantitative estimation of the plasmin-antipalsmin complex in human plasma. Collen D, et al. **Eur J Clin Invest** 7(1):21–6, Feb 77

Rabbit plasminogen and plasmin isozymes. Castellino FJ, et al. **Methods Enzymol** 45:273–86, 1976

Plasminogen and plasmin. Robbins KC, et al. **Methods Enzymol** 45:257–73, 1976

Laboratory modalities for assessing hemostasis during cardiopulmonary bypass. Fekete LF, et al. **Semin Thromb Hemostas** 3(2):83–9, Oct 76

Studies on activator formation in human plasma with streptokinase. III. Investigation of activator kinetics in undiluted plasma in terms of urokinase equivalents. Martin M. **Thromb Haemostas** 36(3):566–81, 31 Dec 76

On the reliability of plasminogen measurement employing the proactivator-activator converting method. Martin M. **Thromb Haemostas** 36(3):551–65, 31 Dec 76

Intermittent plasminogen-streptokinase treatment of deep vein thrombosis. Scully MF, et al. **Thromb Haemostas** 37(1):162–9, 28 Feb 77

Preparation of human immunoglobulin by ammonium sulfate precipitation. Habeeb AF, et al. **Vox Sang** 31(6):423–34, 1976

[Plasminogen determination, using a chromogenic tripeptidic substrate (author's transl)] Soria J, et al. **Pathol Biol (Paris)** 24(10):725–9, Dec 76 (Eng. Abstr.) **(Fre)**

[Treatment of iliac artery stenosis with low dose streptokinase (author's transl)] Bopp J, et al. **Dtsch Med Wochenschr** 102(6):198–201, 11 Feb 77 (Eng. Abstr.) **(Ger)**

[Coagulation-physiological manifestations and clinical side-effects of streptokinase therapy] Vinazzer H. **Folia Haematol (Leipz)** 103(3):468–71, 1976 **(Ger)**

[Index of fibrinolysis with new fibrin plate (author's transl)] Hishikawa Y, et al. **J Physiol Soc Jpn** 39(1):1–11, 1977 (Eng. Abstr.) **(Jpn)**

[Determination of plasmin levels] Abe T. **Jpn J Clin Med** 34 suppl:2398–406, 1976 **(Jpn)**

[Studies of proteolytic enzymes in blood (II). Ultra-micromethod for measuring plasmin and plasminogen activity in plasma obtained from venous or cutaneous capillary blood (author's transl)] Morikawa M, et al. **Jpn J Clin Pathol** 24(11):917–20, 1976 **(Jpn)**

[High-altitude pulmonary hypertension and fibrinolysis] Bobokhodzhaev MKh, et al. **Kardiologiia** 16(9):46–50, Sep 76 (Eng. Abstr.) **(Rus)**

[Determination of the activity of plasmin and antiplasmins] Chepcheruk GS. **Lab Delo** (2):81–3, 1977 (Eng. Abstr.) **(Rus)**

[Analytical methods of study of the system of fibrinolysis (plasminogen proactivators-activators, plasminogen-plasmin, antiplasmins, antiactivators) (literature review)] Guseinov ChS, et al. **Lab Delo** (5):276–83, 1976 **(Rus)**

[Fractionation of a preparation of fibrinolytic enzymes 'tricholysin' formed from Trichotecium roseum Lk. ex Fr. on carboxymethyl-sephadex C-50] Stepanova TsN, et al. **Prikl Biokhim Mikrobiol** 12(3):407–10, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Fibrinolytic properties of 'peritoneal' blood used for reinfusion in gynecologic practice] Tikhomirova NI, et al. **Probl Gematol Pereliv Krovi** (2):38–42, Feb 77 (Eng. Abstr.) **(Rus)**

[Blood coagulation and fibrinolytic factors in the saliva of patients with mandibular fractures] Pinelis IS. **Stomatologiia (Mosk)** 55(3):42–4, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Change in fibrinogen and enzymatic and nonenzymatic fibrinolytic activity of blood in patients with low-degree rheumatic heart disease under the effect of treatment with acetylsalicylic acid] Andreenko GV, et al. **Ter Arkh** 48(11):64–70, 1976 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Synergistic antifibrinolytic action of the potato protease inhibitor and epsilon-aminocaproic acid. Worowski K. **Acta Biol Acad Sci Hung** 27(2–3):125–8, 1976

Complement consumption in acute disseminated intravascular coagulation without antecedent immunopathology. Branson HE, et al. **Am J Clin Pathol** 66(6):967–75, Dec 76

Biochemical studies on a low molecular weight antiplasmin of human blood. Mui PT, et al. **Arch Biochem Biophys** 179(1):166–73, Feb 77

Kinetic properties of the primary inhibitor of plasmin from human plasma. Christensen U, et al. **Biochem J** 163(2):389–91, 1 May 77

The primary inhibitor of plasmin in human plasma. Müllertz S, et al. **Biochem J** 159(3):545–53, 1 Dec 76

On the interaction of alpha2-plasmin inhibitor and proteases. Evidence for the formation of a covalent crosslinkage and non-covalent weak bondings between the inhibitor and proteases. Moroi M, et al. **Biochim Biophys Acta** 482(2):412–20, 10 Jun 77

Fibrinolysis in normal plasma and blood: evidence for significant mechanisms independent of the plasminogen-plasmin system. Moroz LA, et al. **Blood** 48(4):531–45, Oct 76

Mechanisms involved in enhancement of plasma fibrinolytic activity by chloroform. Moroz LA, et al. **Blood** 48(5):777–90, Nov 76

Effect of myocardial infarction on components of fibrinolytic system. Gidron E, et al. **Br Heart J** 39(1):19–24, Jan 77

Identification and some properties of a new fast-reacting plasmin inhibitor in human plasma. Collen D. **Eur J Biochem** 69(1):209–16, 1 Oct 76

A latex agglutination test for rapid quantitative estimation of the plasmin-antipalsmin complex in human plasma. Collen D, et al. **Eur J Clin Invest** 7(1):21–6, Feb 77

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

The function of heparin. pp. 101–19. Rosenberg RD. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Isolation and characterization of alpha2-plasmin inhibitor from human plasma. A novel proteinase inhibitor which inhibits activator-induced clot lysis. Moroi M, et al. **J Biol Chem** 251(19):5956–65, 10 Oct 76

Activation of human Glu-plasminogen to Glu-plasmin by urokinase in presence of plasmin inhibitors. Streptomyces leupeptin and human plasma alpha1-antitrypsin and antithrombin III (plus heparin). Summaria L, et al. **J Biol Chem** 252(11):3945–51, 10 Jun 77

The behavior of alpha2-plasmin inhibitor in fibrinolytic states. Aoki N, et al. **J Clin Invest** 60(2):361–9, Aug 77

Plasmin inhibitor interactions. The effectiveness of alpha2-plasmin inhibitor in the presence of alpha2-macroglobulin. Harpel PC. **J Exp Med** 146(4):1033–40, 1 Oct 77

New neonatal problems of blood coagulation and fibrinolysis. I. The change of plasmin inhibitor levels in the newborn infant. Suzuki S, et al. **J Perinat Med** 4(4):213–20, 1976

New neonatal problems of blood coagulation and fibrinolysis. I. The change of plasmin inhibitor levels in the newborn infant. Suzuki S, et al. **J Perinat Med** 4(4):213–20, 1976

Proteinase inhibitors from guinea pig seminal vesicles. Fink E, et al. **Methods Enzymol** 45:825–33, 1976

Trypsin-plasmin inhibitors (bdellins) from leeches. Fritz H, et al. **Methods Enzymol** 45:797–806, 1976

Antithrombins: clinical aspects, chemical and biologic properties. Penner JA, et al. **Prog Clin Biol Res** 5:277–300, 1976 (108 ref.)

Plasma fibrinolytic inhibitors after operation. Griffiths NJ, et al. **Surg Gynecol Obstet** 144(5):673–6, May 77

Inhibition of fibrinolysis in the burned-infected rat: antiplasmin induced by burn wound infection. Andes WA, et al. **Thromb Haemostas** 36(1):173–81, 31 Aug 76

Plasmin inactivation in plasma. Haselager EM, et al. **Thromb Haemostas** 35(3):643–50, 30 Jun 76

On the reliability of plasminogen measurement employing the proactivator-activator converting method. Martin M. **Thromb Haemostas** 36(3):551–65, 31 Dec 76

In vitro and in vivo measurement of total antiplasmin activity. Matsuo O, et al. **Thromb Haemostas** 37(2):216–21, 30 Apr 77

Studies on the degradation of fibrinogen Giessen I. Bleyl H, et al. **Thromb Res** 9(4):329–34, Oct 76

Localization and distribution of fibrinolysis inhibition in the walls of human arteries and veins. Hegt VN. **Thromb Res** 10(1):121–33, Jan 77

Inhibition of fibrinolytic activity of plasmin by suramin (antrypol) and trypan blue. Moroz LA. **Thromb Res** 10(4):605–11, Apr 77

[Fibrinolytic system disorders in the postoperative period] Hureau J, et al. **Nouv Presse Med** 5(43):2939–40, 18 Dec 76 **(Fre)**

[Synthetic inhibitors of serine proteinases. 13. Quantitative structure-activity relationship for inhibition of trypsin and thrombin by 4-amidinophenyl compounds with a ketone structure] Stürzebecher J, et al. **Acta Biol Med Ger** 35(12):1665–76, 1976 (Eng. Abstr.) **(Ger)**

[Synthetic inhibitors of serine proteinases. 11.Report: The inhibition of trypsin, plasmin and thrombin by new bisamidino compounds] Walsmann P, et al. **Acta Biol Med Ger** 35(2):K1–8, 1976 (Eng. Abstr.) **(Ger)**

[About degradation products of the inter-alpha-trypsin inhibitor in serum. I. The inter-alpha-trypsin inhibitor as precursor of the acid stable trypsin-plasmin-inhibitor of the serum (author's transl)] Hochstrasser K, et al. **Klin Wochenschr** 55(7):337–42, 1 Apr 77 (Eng. Abstr.) **(Ger)**

[Identification of tissue inhibitors of plasmin and the effect of betamethasone and ambroxol] Blasini R, et al. **Med Welt** 28(35):1392–4, 2 Sep 77 **(Ger)**

[Synthetic inhibitors of serine proteinases. 8. Inhibition of trypsin, plasmin and thrombin by means of amidinophenyl-derivatives with ketonic-structure] Stürzebecher J, et al. **Pharmazie** 31(7):458–61, Jul 76 **(Ger)**

[Synthetic inhibitors of serine proteinases. 10. The inhibition of trypsin, plasmin and thrombin by 4-amidinophenylaralkanone] Stürzebecher J, et al. **Pharmazie** 31(12):886–8, 1976 **(Ger)**

[Synthetic inhibitors of serine proteinases. 9. The inhibition of tryspsin,plasmin and thrombin by amidinophenyl-, amidinobenzyl- and beta-(amidinophenyl)ethylarylketons] Walsmann P, et al. **Pharmazie** 31(10):733–5, 1976 **(Ger)**

[Index of fibrinolysis with new fibrin plate (author's transl)] Hishikawa Y, et al. **J Physiol Soc Jpn** 39(1):1–11, 1977 (Eng. Abstr.) **(Jpn)**

[Menetrier's disease: protein-losing gastropathy and antiplasmin therapy (author's transl)] Ikezaki M, et al. **Jpn J Gastroenterol** 73(6):692–6, Jun 76 **(Jpn)**

[Possibilities of early diagnosis of thromboembolic complications in myocardial infarct by means of biochemical methods] Andreenko GV, et al. **Kardiologiia** 17(1):98–103, Jan 77 (Eng. Abstr.) **(Rus)**

[Fibrinolytic activity of blood flowing through the heart ventricles and major vessels of rats under normal conditions and in experimental myocardial ischemia] Andreenko GV, et al. **Kardiologiia** 17(3):114–8, Mar 77 (Eng. Abstr.)**(Rus)**

[High-altitude pulmonary hypertension and fibrinolysis] Bobokhodzhaev MKh, et al. **Kardiologiia** 16(9):46–50, Sep 76 (Eng. Abstr.) **(Rus)**

[Thrombocyte aggregation in depression and activation of the anticoagulation system of blood in animals] Pastorova VE. **Kardiologiia** 16(2):123–7, Feb 76 (Eng. Abstr.) **(Rus)**

[Analytical methods of study of the system of fibrinolysis (plasminogen proactivators-activators, plasminogen-plasmin, antiplasmins, antiactivators) (literature review)] Guseinov ChS, et al. **Lab Delo** (5):276–83, 1976 **(Rus)**

[Components of the fibrinolytic system in newly prepared and preserved whole and rinsed-out cadaveric plasma] Levin GIa. **Probl Gematol Pereliv Krovi** 21(9):14–7, 1976 (Eng. Abstr.) **(Rus)**

[Fibrinolytic system in patients with nephrotic syndrome] Andreenko GV, et al. **Ter Arkh** 40(2):89–99, 1976 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Spontaneous alpha-toxin mutants of Staphylococcus aureus. Dalen AB. **Acta Pathol Microbiol Scand [B]** 84B(6):333–8, Dec 76

Staphylococci from the feces of different animal species: biotypes of Staphylococcus aureus strains of sheep and goat origin. Dimitracopoulos G, et al. **Appl Environ Microbiol** 32(1):53–5, Jul 76

Activation of human Glu-plasminogen to Glu-plasmin by urokinase in presence of plasmin inhibitors. Streptomyces leupeptin and human plasma alpha1-antitrypsin and antithrombin III (plus heparin). Summaria L, et al.

J Biol Chem 252(11):3945–51, 10 Jun 77

Properties of strains of Staphylococcus aureus in the 94, 96 complex. Asheshov EH, et al. **J Med Microbiol** 10(2):171–8, May 77

Characteristics of Staphylococcus aureus strains isolated from different animal species. Devriese LA, et al. **Res Vet Sci** 21(3):284–91, Nov 76

No effect of factor Xa or tissue thromboplastin and factor VII on the activation of plasminogen. Wiman B, et al. **Thromb Res** 9(5):523–5, Nov 76

[Role of pulmonary metabolism in blood coagulation in physiology, clinical medicine and therapy] Balsano F, et al. **Clin Ter** 80(6):513–27, 31 Mar 77 **(Ita)**

CEREBROSPINAL FLUID

[In-vitro experiments on the clarification of the fibrinolytic activity in normal cerebrospinal fluid] Hindersin P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 29(5):275–84, May 77 (Eng. Abstr.) **(Ger)**

DEFICIENCY

Fibrinolysis in normal plasma and blood: evidence for significant mechanisms independent of the plasminogen–plasmin system. Moroz LA, et al. **Blood** 48(4):531–45, Oct 76

DIAGNOSTIC USE

Labeling plasmin with technetium-99m for scintigraphic localization of thrombi. Persson BR, et al. **Int J Appl Radiat Isot** 28(1–2):97–104, Jan–Feb 77

IMMUNOLOGY

Turnover of fibrinogen, plasminogen, and prothrombin during exercise in man. Collen D, et al. **J Appl Physiol** 42(6):865–73, Jun 77

[A solid-state immunoradiometric assay for plasminogen antigen (plasmin antigen) (author's transl)] Fukao K. **Acta Haematol Jpn** 39(6):890–6, Dec 76 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

Evidence for high-molecular weight active peptides originating from porcine plasmin autolysis. Grimard M. **Biochimie** 58(11–12):1409–12, 1976

Purification and some properties of the Glu- and Lys-human plasmin heavy chains. Gonzalez-Gronow M, et al. **J Biol Chem** 252(7):2175–7, 10 Apr 77

Rabbit plasminogen and plasmin isozymes. Castellino FJ, et al. **Methods Enzymol** 45:273–86, 1976

Plasminogen and plasmin. Robbins KC, et al. **Methods Enzymol** 45:257–73, 1976

An orthomolecular approach to thrombolysis. Deutsch DG. **Perspect Biol Med** 20(2):307–9, WINTER 77

Preparation of human immunoglobulin free of plasmin and anticomplement activities. Habeeb AF, et al. **Vox Sang** 32(3):143–58, 1977

[Changes of prothrombin activity by plasmin immobilized on L-lysine Sepharose 4B] Baskova IP, et al. **Biokhimiia** 42(2):293–6, Feb 77 (Eng. Abstr.) **(Rus)**

[Preparative isolation of terrilytin components and study of their enzymatic properties] Selezneva AA, et al. **Prikl Biokhim Mikrobiol** 12(3):416–20, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Biochemical substantiation of the expediency of using the euglobulin fractions of blood plasma from persons who died suddenly for obtaining the preparations of fibrinolytic action] Khvatov VB, et al. **Probl Gematol Pereliv Krovi** 21(3):38–42, Mar 76 (Eng. Abstr.) **(Rus)**

METABOLISM

Protamine, a substrate for thrombolytic agents and enzymes of similar specificity. Ong EB, et al. **Anal Biochem** 75(2):568–82, Oct 76

Fluorometric microassay of plasminogen activators. Kessner A, et al. **Arch Biochem Biophys** 176(2):411–6, Oct 76

The release of an immobilized lipoprotein fraction from atherosclerotic lesions by incubation with plasmin. Smith EB, et al. **Atherosclerosis** 25(1):71–84, Oct 76

Possible physiological role of new peptide fragments released from bovine high molecular weight kininogen by plasma kallikrein. Oh-ishi S, et al. **Biochem Pharmacol** 26(2):115–20, 15 Jan 77

Optical activity of disulfide bonds in proteins. 1. Studies on plasmin modified human somatotropin. Bewley TA. **Biochemistry** 16(2):209–15, 25 Jan 77

Proteolytic fragmentation of fibrinogen. I. Comparison of the fragmentation of human and bovine fibrinogen by trypsin or plasmin. Mihalyi E, et al. **Biochemistry** 15(24):5372–81, 30 Nov 76

Proteolytic fragmentation of fibrinogen. II. kinetic modeling of the digestion of human and bovine fibrinogen plasmin or trypsin. Shrager RI, et al. **Biochemistry** 15(24):7382–6, 30 Nov 76

Kinetic studies of the urokinase catalysed conversion of NH2-terminal lysine plasminogen to plasmin. Christensen U, et al. **Biochim Biophys Acta** 480(1):275–81, 11 Jan 77

Relationship between cell surface protease activity and doubling time in various normal and transformed cells. Hatcher VB, et al. **Biochim Biophys Acta** 451(2):499–510, 21 Dec 76

Evidence for high-molecular weight active peptides originating from porcine plasmin autolysis. Grimard M. **Biochimie** 58(11–12):1409–12, 1976

Fibrinolysis in normal plasma and blood: evidence for significant mechanisms independent of the plasminogen–plasmin system. Moroz LA, et al. **Blood** 48(4):531–45, Oct 76

Sensitive radiochemical esterolytic assays for urokinase. Imanari T, et al. **Clin Chim Acta** 71(2):267–76, 6 Sep 76

Urticaria and fibrinolysis. Ryan TJ. **Clin Exp Dermatol** 2(2):177–82, Jun 77 (26 ref.)

The sensitivity to plasmin digestion of human IgG proteins of different heavy chain subclasses. Virella G, et al. **Experientia** 33(9):1231–3, 15 Sep 77

Fibrin(-ogen) interactions with plasmin. Gaffney PJ. **Haemostasis** 6(1):2–25, 1977 (83 ref.)

Activation of plasminogen as a feature in its assay. Gaffney PJ, et al. **Haemostasis** 6(1):72–88, 1977

Cold-insoluble globulin, II. Plasminolysis of cold-insoluble globulin. Jilek F, et al. **Hoppe Seylers Z Physiol Chem** 358(1):133–6, Jan 77

Fibrin complexes in intermediary coagulation. Shainoff JR, et al. **Int J Dermatol** 15:738–41, Dec 76

Mediators of inflammation. Ratnoff OD. **J Allergy Clin Immunol** 58(3):438–46, Sep 76 (61 ref.)

Activation of human plasminogen by equimolar levels of streptokinase. Bajaj AP, et al. **J Biol Chem** 252(2):492–8, 25 Jan 77

Activator activities of the transient forms of the human plasminogen–streptokinase complex during its proteolytic conversion to the stable activator complex. Markus G, et al. **J Biol Chem** 251(21):6495–504, 10 Nov 76

Early events in the plasmin digestion of fibrinogen and fibrin. Effects of plasmin on fibrin polymerization. Shen LL, et al. **J Biol Chem** 252(17):6184–9, 10 Sep 77

Isolation of a human plasmin-derived, functionally active, light (B) chain capable of forming with streptokinase an equimolar light (B) chain–streptokinase complex with plasminogen activator activity. Summaria L, et al. **J Biol Chem** 251(18):5810–13, 25 Sep 76

Fibrinolysis and liver regeneration. Rixon RH, et al. **J Cell Physiol** 92(1):13–21, Jul 77

Anabolic actions of reduced and S-carbamidomethylated human growth hormone and its plasmin digest in man. Heymsfield SB, et al. **J Clin Invest** 60(3):563–70, Sep 77

Extracellular enzymes of the genus Bacteroides. Rudek W, et al. **J Clin Microbiol** 4(5):458–60, Nov 76

Plasmin inhibitor interactions. The effectiveness of alpha2-plasmin inhibitor in the presence of alpha2-macroglobulin. Harpel PC. **J Exp Med** 146(4):1033–40, 1 Oct 77

Proactivator and activator levels of plasminogen in plasma as measured by caseinolysis. Kline DL, et al. **J Lab Clin Med** 89(5):1153–8, May 77

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

Extraordinary bladder clots. Keiller DL. **J Urol** 117(1):43–5, Jan 77

Some sensitive methods for the assay of trypsinlike enzymes. Coleman PL, et al. **Methods Enzymol** 45:12–26, 1976

A new property of an old remedy: fibrinolysis and aspirin [editorial]. Ratnoff OD. **N Engl J Med** 296(10):566–7, 10 Mar 77

Endogenous activiation of latent collagenase by rheumatoid synovial cells. Evidence for a role of plasminogen activator. Werb Z, et al. **N Engl J Med** 296(18):1017–23, 5 May 77

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

Biological properties of dialysable peptides derived from

plasmin digestion of bovine fibrinogen preparations. Buczko W, et al. **Thromb Haemostas** 35(3):651–7, 30 Jun 76

Regulation of the thrombin time in cirrhosis. Braunstein KM, et al. **Thromb Res** 9(4):301–17, Oct 76

Digestion of amidinated and phenylglyoxal treated fibrinogen by plasmin. Kang EP, et al. **Thromb Res** 9(3):261–6, Sep 76

Inhibition of fibrinolytic activity of plasmin by suramin (antrypol) and trypan blue. Moroz LA. **Thromb Res** 10(4):605–11, Apr 77

Hydrolysis of fibrinogen Paris I by plasmin. Mosesson MW, et al. **Thromb Res** 9(2):115–21, Aug 76

Isolation of an active derivative produced from native streptokinase by dog plasmin. Reddy KN, et al. **Thromb Res** 9(4):407–11, Oct 76

The properties of the purified fibrinolytic principle from Agkistrodon acutus snake venom. Ouyang C, et al. **Toxicon** 15(2):161–7, 1977

[Histochemical studies on the content of plasmin in the normal and hyperplastic prostate (author's transl)] Dunzendorfer U, et al. **Acta Histochem (Jena)** 58(2):332–6, 1977 (Eng. Abstr.) **(Ger)**

[Biochemical aspects of the streptokinase effect] Landmann H. **Folia Haematol (Leipz)** 103(3):437–44, 1976 **(Ger)**

[Changes of prothrombin activity by plasmin immobilized on L-lysine Sepharose 4B] Baskova IP, et al. **Biokhimiia** 42(2):293–6, Feb 77 (Eng. Abstr.) **(Rus)**

[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov–Dec 76 (77 ref.) **(Rus)**

PHARMACODYNAMICS

The serology of Pseudomonas aeruginosa analysed by means of quantitative immunoelectrophoretic methods. V. Thermostability, resistance to degradation by plasmin activity and storage conditions of a polyvalent P. aeruginosa reference standard-antigen. Hoiby N. **Acta Pathol Microbiol Scand [C]** 84C(5):383–9, Oct 76

Separation of kininogens by gel filtration of plasminogen-free human plasma. Briseid K, et al. **Acta Pharmacol Toxicol (Kbh)** 39(4):401–11, 1976

In vivo and in vitro effects of thrombin and plasmin on human factor VIII (AHF). Lian EC, et al. **Am J Hematol** 1(4):481–91, 1976

Further studies on the activation of procollagenase, the latent precursor of bone collagenase. Effects of lysosomal cathepsin B, plasmin and kallikrein, and spontaneous activation. Eeckhout Y, et al. **Biochem J** 166(1):21–31, 15 Jul 77

Factor VIII and human platelet aggregation. IV. Effect of proteolytic enzymes on platelet aggregation by factor VIII. Vermylen J, et al. **Br J Haematol** 34(2):331–40, Oct 76

Studies on plasmin-modified human growth hormone and its fragments. pp. 14–32. Li CH, et al. **In: Pecile A, Muller EE, ed. Growth hormone and related peptides. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.381 1975.**

Proteases stimulate proliferation of human fibroblasts. Pohjanpelto P. **J Cell Physiol** 91(3):387–92, Jun 77

Biological actions of human somatotrophin and its derivatives on mouse mammary gland and teleost urinary bladder. Doneen BA, et al. **J Endocrinol** 73(2):377–83, May 77

Assay of the esterase activity of thrombin, plasmin and trypsin with a chromogenic substrate p-nitrobenzyl p-toluenesulfonyl-l-arginine. Aogaichi T, et al. **Thromb Haemostas** 37(2):253–61, 30 Apr 77

Studies on the degradation of fibrinogen Giessen I. Bleyl H, et al. **Thromb Res** 9(4):329–34, Oct 76

Lipolytic versus proteolytic degradation of human factor VIII. Furlan M, et al. **Thromb Res** 10(3):445–56, Mar 77

Degradation of human fibrinogen by plasmin: a kinetic study. Regañon E, et al. **Thromb Res** 10(3):411–9, Mar 77

Effect of brinase and thrombolysin on the electrochemical, nature of the cardiovascular system of experimental animals (dogs and rabbits). Sawyer PN. **Thromb Res** 10(3):531–6, Mar 77

Functional analysis of the interactions between reovirus particles and various proteases in vitro. Sargent MD, et al. **Virology** 78(1):354–8, 1 May 77

[Correlation of complement system with coagulation, fibrinolysis, and kinin generation] Kondo M. **Jpn J Clin Hematol** 17(1):1–14, Jan 76 (115 ref.) **(Jpn)**

[Effect of intravenous plasmin administration on the state of the fibrinolytic and kinin systems of rat blood] Andreenko GV, et al. **Probl Gematol Pereliv Krovi** 21(10):46–8, OCT 76 **(Rus)**

[Blood coagulating properties of immobilized proteases] Zubairov DM, et al. **Vopr Med Khim** 22(2):187–91, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Coagulation, oestrogen and the menopause. Notelovitz M. **Clin Obstet Gynaecol** 4(1):107–28, Apr 77

Protective effect of calcium in the plasmin degradation of fibrinogen and fibrin fragments D. Haverkate F, et al. **Thromb Res** 10(6):803–12, Jun 77

[Coagulation and fibrinolytic system in vivo and clinical medicine] Matsuoka S. **Jpn J Clin Hematol** 17(6):573–9, Jun 76 **(Jpn)**

[Theoretical grounds of a trend of pathogenetic therapy of tuberculosis] Puzik VI, et al. **Probl Tuberk** (9):57–63, Sep 76 **(Rus)**

THERAPEUTIC USE

Experimental measurement of microcirculation in myocardial infarction by using radioactive microspheres. Papadimitriou J. **Int Surg** 61(9):486–90, Sep 76

Thrombolysis of palmar and digital arterial thrombosis by intra-arterial Thrombolysin. Kartchner MM, et al. **J Hand Surg** 1(1):67–74, Jul 76

Thromboendarterectomy for anuria 4 1/2 years post-renal transplant: a case report. Swanson DA, et al. **J Urol** 116(6):799–801, Dec 76

An orthomolecular approach to thrombolysis. Deutsch DG. **Perspect Biol Med** 20(2):307–9, WINTER 77

[Treatment of traumatic postoperative total hyphaemas (author's transl)] Polychronakos D, et al. **Klin Monatsbl Augenheilkd** 170(5):736–8, May 77 (Eng. Abstr.) **(Ger)**

[Intensive therapy of patients with cavernous sinus thrombosis] Lubenskiĭ IuM, et al. **Khirurgiia (Mosk)** (1):33–5, Jan 77 (Eng. Abstr.) **(Rus)**

[Complex treatment of adhesions in the abdominal cavity] Zhenchevskiĭ RA. **Khirurgiia (Mosk)** (12):8–12, Dec 76 (Eng. Abstr.) **(Rus)**

[Use of fibrinolysin in plastic iridocyclitis] Shpak NI, et al. **Oftalmol Zh** 31(5):343–6, 1976 (Eng. Abstr.) **(Rus)**

[Intravascular blood clotting-component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**

[Changes in fibrinolysis system in patients with acute myocardial infarction in intracoronary administration of fibrinolysin with heparin] Andreenko GV, et al. **Ter Arkh** 49(4):8–13, 1977 (Eng. Abstr.) **(Rus)**

[Intracoronary administration of fibrinolysin in acute myocardial infarct] Chazov EI, et al. **Ter Arkh** 48(4):8–19, 1976 (Eng. Abstr.) **(Rus)**

[Polarizing mixtures in emergency cardiology] Matveĭkov GP, et al. **Ter Arkh** 48(10):32–8, 1976 (Eng. Abstr.) **(Rus)**

[Functional state of the kidneys in experimental immune nephritis during the use of heparin, urokinase and uroplasmin] Monastyrskiĭ VA, et al. **Urol Nefrol (Mosk)** (4):23–5, Jul–Aug 77 (Eng. Abstr.) **(Rus)**

[Complex treatment of trophic leg ulcers] Drevina AI, et al. **Vestn Khir** 117(12):57–9, Dec 76 (Eng. Abstr.) **(Rus)**

[Intracarotid therapy of septic thrombosis of the cavernous sinuses] Nenashev IE, et al. **Vestn Otorinolaringol** (5):68–71, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**

[Substantiation of heparin and fibrinolysin therapy for treatment of stenosal suppurative fibrinous and ulcero-necrotic laringotracheobronchitis] Feĭgina LN, et al. **Zh Ushn Nos Gorl Bolezn** (6):55–8, 1976 (Eng. Abstr.) **(Rus)**

URINE

Immunologic monitoring of the transplant recipient. Stiller CR, et al. **Transplant Proc** 9(1):1245–54, Mar 77

Urine plasmin-like substances as an index of kidney allograft rejections. Fukao K, et al. **Transplantation** 23(5):407–13, May 77

FIBRINOLYSIS

Primary fibrinolysis and spontaneous rupture of the spleen in acute lymphoblastic leukemia. Gafter U, et al. **Acta Haematol (Basel)** 56(6):355–9, 1976

Hyperlipidaemia and reduced fibrinolytic activity associated with thromboembolic complications in a family. Andersen P. **Acta Med Scand** 200(4):289–91, 1976

Fibrinolytic activity in the walls of cerebral saccular aneurysms. Hassler O, et al. **Acta Neurochir (Wien)** 37(1–2):49–55, 1977

Platelet aggregation and fibrinolytic activity in transient cerebral ischemia. Andersen LA, et al. **Acta Neurol Scand** 55(1):76–82, Jan 77

Platelet aggregation and fibrinolytic activity in transient cerebral ischemia. Andersen LA, et al. **Acta Neurol Scand** 55(1):76–82, Jan 77

Factor XIII (fibrin stabilising factor) in Henoch–Schönlein's purpura. Henriksson P, et al. **Acta Paediatr Scand** 66(3):273–7, May 77

Leucocyte migration inhibitory activity (LMIA) on concanavalin A (Con–A) stimulated human lymphocytes. Comparison of leucocyte migration capillary technique (LMCT), leucocyte migration agarose technique (LMAT), and leucocyte migration fibrinolysis technique (LMFT). Coeugniet E, et al. **Acta Pathol Microbiol Scand [C]** 84C(6):485–8, Dec 76

Platelet and coagulation function in relation to thromboembolic stroke. Barnett HJ. **Adv Neurol** 16:45–70, 1977 (57 ref.)

Effect of garlic on serum lipids, coagulability and fibrinolytic activity of blood [letter] Jain RC. **Am J Clin Nutr** 30(9):1380–1, Sep 77

Fibrinogen heterogeneity in cancer, in occlusive vascular disease, and after surgical procedures. Lipinska I, et al. **Am J Clin Pathol** 66(6):958–66, Dec 76

Interaction of blood with enterobacteriaceae: hemolysis, hemagglutination, fibrinolysis. Roland FP. **Am J Clin Pathol** 67(3):260–3, Mar 77

Clinical and physiologic studies of two siblings with prekallikrein (Fletcher factor) deficiency. Hathaway WE, et al. **Am J Med** 60(5):654–64, 10 May 76

Coagulation and fibrinolysis in molar pregnancy. López–Llera M, et al. **Am J Obstet Gynecol** 127(8):855–60, 15 Apr 77

Cutaneous vascular fibrinolytic activity in the local Shwartzman reaction. Bergstein JM. **Am J Pathol** 88(3):655–62, Sep 77

Use of fibrinogen/fibrin degradation products and soluble fibrin complexes for differentiating pulmonary embolism from nonthromboembolic lung disease. Bynum LJ, et al. **Am Rev Respir Dis** 114(2):285–9, Aug 76

Alleviation of primary fibrinolysis after hypophysectomy. Cusick JF, et al. **Am Surg** 42(12):914–6, Dec 76

Certain parameters of pulmonary circulation dynamics and gas exchange in the lungs and morphotic changes in lung tissue in dogs during cardiac arrest and immediately after resuscitation. Wolowicka L. **Anaesth Resusc Intensive Ther** 4(4):229–36, Oct–Dec 76

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

Hageman complement and factor. Kim Z. **Ann Allergy** 38(3):211–4, Mar 77

Hereditary complement defect and kinins involvement in asthma. Neuman I, et al. **Ann Allergy** 38(2):79–82, Feb 77

Formation and fate of fibrin clots in the biliary tract: a clinical and experimental study. Sandblom P, et al. **Ann Surg** 185(3):356–66, Mar 77

Platelet function, blood coagulability, and fibrinolysis in patients with low tension glaucoma. Joist JH, et al. **Arch Ophthalmol** 94(11):1893–5, Nov 76

Activators and inhibitors of fibrinolysis in rheumatoid and nonrheumatoid synovial membranes. A histochemical study. Van De Putte LB, et al. **Arthritis Rheum** 20(2):671–8, Mar 77

Effect of essential oil of onion and garlic on experimental atherosclerosis in rabbits. Bordia A, et al. **Atherosclerosis** 26(3):379–86, Mar 77

Dilute blood clot lysis time and electrophoretic lipoprotein fractions in a population sample of healthy Romanians. Popescu TA, et al. **Atherosclerosis** 27(2):155–63, Jun 77

Fibrinolytic activity of adult rat liver cells in primary culture and inhibition by glucocorticoids. Laishes BA, et al. **Biochem Biophys Res Commun** 72(2):462–71, 20 SEP 76

Murine tumor cell activity on in vitro hemostasis. Cattan A, et al. **Biomedicine** 25(7):252–4, 30 Sep 76

Leucocyte migration fibrinolysis technique (LMFT): description of a method. Coeugniet E, et al. **Biomedicine [Express]** 25(8):288–90, 30 Sep 76

Fibrinolysis in normal plasma and blood: evidence for significant mechanisms independent of the plasminogen–plasmin system. Moroz LA, et al. **Blood** 48(4):531–45, Oct 76

Fibrinogen Marburg a new genetic variant of fibrinogen. Fuchs G, et al. **Blut** 34(2):107–18, Feb 77

Platelet function, blood coagulation and fibrinolysis in Behcet's syndrome. Stathakis NE, et al. **Blut** 34(3):215–22, Mar 77

Histochemical method to detect antiproteolytic activity in tissues. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):758–60, 15 Jun 76

Antiproteolytic activity in foetal organs with low fibrinolytic potential. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):767–9, 15 Jun 76

Antiproteolytic activity in foetal organs with high fibrinolytic potential. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):770–1, 15 Jun 76

Antiproteolytic activity in human coronary arteries affected by long–dating atherosclerosis. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):761–3, 15 Jun 76

Effect of myocardial infarction on components of fibrinolytic system. Gidron E, et al. **Br Heart J** 39(1):19–24, Jan 77

Sequential studies on components of the haemostatic mechanism in pregnancy with particular reference to the development of pre–eclampsia. Condie RG, et al. **Br J Obstet Gynaecol** 83(12):938–42, Dec 76

Haemostatic mechanisms in maternal, umbilical vein and umbilical artery blood at the time of delivery. Foley ME, et al. **Br J Obstet Gynaecol** 84(2):81–7, Feb 77

Blood coagulation, fibrinolysis and plasma proteins in women with normal and with excessive menstrual blood loss. Hahn L, et al. **Br J Obstet Gynaecol** 83(12):974–80, Dec 76

Changes in the blood fibrinolytic activity after surgery (the effect of deep vein thrombosis and malignant disease. Browse NL, et al. **Br J Surg** 64(1):23–7, Jan 77

Plasma fibrinolysis and postoperative deep vein thrombosis. Macintyre IM, et al. **Br J Surg** 63(9):694–7, Sep 76

Fibrinolytic activator in the endothelium of the veins of the lower limb. Nicolaides AN, et al. **Br J Surg** 63(11):881–4, Nov 76

Fibrinolytic activator in the endothelium of the veins of the lower limb. Nicolaides AN, et al. **Br J Surg** 63(11):881–4, Nov 76

Blood and vein–wall fibrinolytic activity in health and vascular disease. Browse NL, et al. **Br Med J** 1(6059):478–81, 19 Feb 1977

Fibrinolytic activity in health and vascular disease [letter]. Browse NL, et al. **Br Med J** 1(6067):1028–9, 16 Apr 77

Fibrinolytic activity in health and vascular disease [letter]. Meade TW, et al. **Br Med J** 1(6064):837, 26 Mar 77

Coagulation and fibrinolysis in intact hydatidiform molar pregnancy. Tsakok FH, et al. **Br Med J** 2(6050):1481–4, 18 Dec 76

Unexpected excessive bleeding during operation: role of acetyl salycilic acid. Davies DW, et al. **Can Anaesth Soc J** 24(4):452–8, Jul 77

Leukocytic fibrinolysis in myelomonocytic leukemia. Talarico L, et al. **Cancer** 39(4):1618–24, Apr 77

Quantitation of fibrinolytic activity of Syrian hamster fibroblasts using 3H–labeled fibrinogen prepared by reductive alkylation. Barrett JC, et al. **Cancer Res** 37(4):1182–5, Apr 77

Morphology, growth, chromosomal pattern and fibrinolytic activity of two new human neuroblastoma cell lines. Seeger RC, et al. **Cancer Res** 37(5):1364–71, May 77

Urticaria and fibrinolysis. Ryan TJ. **Clin Exp Dermatol** 2(2):177–82, Jun 77 (26 ref.)

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

Hematological and vascular concepts in relation to stroke. Didisheim P, et al. **Clin Neurosurg** 23:125–39, 1976

The incidence of post–operative deep vein thrombosis after splenectomy. Butler MJ, et al. **Clin Oncol** 3(1):51–6, Mar 77

Fibrinolytic activity of the endometrium in diabetic women using Cu–IUDs. Larsson B, et al. **Contraception** 15(6):711–16, Jun 77

Fibrinolytic activity in the rabbit uterus and its fluid with and without copper IUD. Liedholm P, et al. **Contraception** 15(2):215–24, Feb 77

Coagulability of arterial and venous blood in healthy subjects, patients with coronary atherosclerosis, and patients with rheumatic cardiopathies. Saveleva TV, et al. **Cor Vasa** 18(4):249–57, 1876

The hemorrhagic complications of open–heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

Is dry socket preventable? Rozanis J, et al. **Dent J** 43(5):233–6, May 77

Fibrinolysis and diabetic retinopathy. Almér LA, et al. **Diabetes** 25(2 SUPPL):807–10, 1976

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Distribution of cell surface LETS protein in co–cultures of normal and transformed cells. Chen LB, et al. **Exp Cell Res** 108(2):375–83, Sep 77

A histochemical study of the fibrinolytic activity in dermal

tuberculous lesions produced by BCG in rabbits. Smokovitis A, et al. **Exp Mol Pathol** 25(2):236–41, Oct 76

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

Failure of tranexamic acid to influence the ellagic acid-induced hypercoagulable state. Girolami A, et al. **Folia Haematol (Leipz)** 103(2):261–70, 1976

Phenformin and ethyloestrenol in recurrent deep venous thrombosis (DVT). Hedner U, et al. **Folia Haematol (Leipz)** 103(3):372–80, 1976

A comparison of the effects of oestriol succinate and ethinyl oestradiol on blood coagulation, platelet function and fibrinolysis in post-menopausal women. Davies T, et al. **Front Horm Res** 3:185–98, 1975 (35 ref.)

The prothrombin activation in stored blood. Dejanov II, et al. **God Zb Med Fak Skopje** 22:49–61, 1976

Effect of potato protease inhibitor on the clotting system and fibrinolysis in the dog. Worowski K, et al. **Haematologia (Budap)** 10(3–4):331–7, 1976

Pretreatment with heparin in thrombolytic therapy with Urokinase. Heparin-urokinase therapy. Bizzi B, et al. **Haemostasis** 5(3):147–54, 1976

Impaired fibrin formation in advanced cirrhosis. Dettori AG, et al. **Haemostasis** 6(2):137–48, 1977

Rat liver macrophages will not phagocytose fibrin during disseminated intravascular coagulation. Emeis JJ, et al. **Haemostasis** 5(4):193–210, 1976

Fibrin(-ogen) interactions with plasmin. Gaffney PJ. **Haemostasis** 6(1):2–25, 1977 (83 ref.)

Distribution and variation of fibrinolytic activity in the walls of human arteries and veins. Hegt VN. **Haemostasis** 5(6):355–72, 1976

Occurrence of C1 inactivator and other proteinase inhibitors in euglobulin fractions and their influence on fibrinolytic activity. Kluft C. **Haemostasis** 5(3):136–46, 1976

Coagulation studies in chronic active hepatitis. pp. 49–53. Coccheri S, et al.
In: Gentilini P, et al., ed. Chronic hepatitis. Basel, Karger, 1976. WI 703 I58c 1975.

Features of human spontaneous vasculitis reproduced experimentally in animals. Effects of antiglobulins, C-reactive protein and fibrin. pp. 117–51. Parish WE.
In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e. (61 ref.)

Complement and inflammation: an approach to the pharmacology of the complement system. pp. 53–75. di Perri T, et al.
In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975.

The Hageman factor system: mechanism of contact activation. pp. 371–89. Griffin JH, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (48 ref.)

Proteases produced by normal and malignant cells in culture. pp. 263–85. Rifkin DB, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (33 ref.)

Blood fibrinolytic activity in cancer patients. Dube B, et al. **Indian J Pathol Microbiol** 19(3):155–60, Jul 76

Monocyte and neutrophil chemotactic activity of normal and diluted human serum and plasma. Jungi TW. **Int Arch Allergy Appl Immunol** 53(1):18–28, 1977

Fibrinolysis associated with human neoplasia: production of plasminogen activator by human tumours. Nagy B, et al. **Int J Cancer** 19(5):614–20, 15 May 77

Blood fibrinolytic activity before and after oral surgery. Gersel-Pedersen N. **Int J Oral Surg** 6(1):42–7, Feb 77

Salivary fibrinolytic activity before and after oral surgery estimated on different types of fibrin. Gersel-Pedersin N. **Int J Oral Surg** 5(6):270–5, Dec 76

Turnover of fibrinogen, plasminogen, and prothrombin during exercise in man. Collen D, et al. **J Appl Physiol** 42(6):865–73, Jun 77

Hageman factor substrates. Human plasma prekallikrein: mechanism of activation by Hageman factor and participation in hageman factor-dependent fibrinolysis. Mandle R Jr, et al. **J Biol Chem** 252(17):6097–104, 10 Sep 77

Studies on the role of plasminogen activator in ovulation. In vitro response of granulosa cells to gonadotropins, cyclic nucleotides, and prostaglandins. Strickland S, et al. **J Biol Chem** 251(18):5694–702, 25 Sep 76

Production of plasminogen activator by established cell lines of mouse origin. Rifkin DB, et al. **J Cell Biol** 73(1):47–55, Apr 77

Cell density-dependent secretion of plasminogen activator by 3T3 cells. Chou IN, et al. **J Cell Physiol** 91(1):31–7, Apr 77

Fibrinolysis and liver regeneration. Rixon RH, et al. **J Cell Physiol** 92(1):13–21, Jul 77

The behavior of alpha2-plasmin inhibitor in fibrinolytic states. Aoki N, et al. **J Clin Invest** 60(2):361–9, Aug 77

Flaujeac factor deficiency. Reconstitution with highly purified bovine high molecular weight-kininogen and delineation of a new permeability-enhancing peptide released by plasma kallikrein from bovine high molecular weight-kininogen. Matheson RT, et al. **J Clin Invest** 58(6):1395–406, Dec 76

Effect of local exercise and vessel occlusion on fibrinolytic activity. Rennie JA, et al. **J Clin Pathol** 30(4):350–2, Apr 77

Coagulation disorders. Bonnar J. **J Clin Pathol [Suppl]** (10):35–41, 1976

Fibrin deposition in pregnancy. Stalker AL. **J Clin Pathol [Suppl]** (10):70–6, 1976

Biological behavior of higher molecular weight products of fibrinolysis. Chang ML, et al. **J Lab Clin Med** 90(1):216–26, Jul 77

Abnormal fibrinogen heterogeneity and fibrinolytic activity in advanced liver disease. Lipinski B, et al. **J Lab Clin Med** 90(1):187–94, Jul 77

Kinetic characterization of hemostasis in thermal injury. Simon TL, et al. **J Lab Clin Med** 89(4):702–11, Apr 77

Platelet-cancer cell interaction in metastasis formation: a possible therapeutic approcach to metastasis prophylaxis. Gastpar H. **J Med** 8(2):103–14, 1977

Action of Trimeresurus erythrusus and Trimeresurus popeorum venom on blood coagulation. Talalak P. **J Med Assoc Thai** 60(1):9–18, Jan 77

A study of plasma fibrinogen level and plasma fibrinolytic activity in normal & abnormal pregnancy. Hakim A, et al. **J Obstet Gynaecol India** 26(5):668–74, Oct 76

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

New neonatal problems of blood coagulation and fibrinolysis. II. Thromboplastic effect of amniotic fluid and its relation to lung maturity. Suzuki S, et al. **J Perinat Med** 4(4):221–6, 1976

New neonatal problems of blood coagulation and fibrinolysis. I. The change of plasmin inhibitor levels in the newborn infant. Suzuki S, et al. **J Perinat Med** 4(4):213–20, 1976

New neonatal problems of blood coagulation and fibrinolysis. I. The change of plasmin inhibitor levels in the newborn infant. Suzuki S, et al. **J Perinat Med** 4(4):213–20, 1976

New neonatal problems of blood coagulation and fibrinolysis. II. Thromboplastic effect of amniotic fluid and its relation to lung maturity. Suzuki S, et al. **J Perinat Med** 4(4):221–6, 1976

Experimentally induced stress in man: effects on blood coagulation and fibrinolysis. Palmblad J, et al. **J Psychosom Res** 21(1):87–92, 1977

Current concepts of defibrination in the pregnant woman. Kleiner GJ, et al. **J Reprod Med** 17(6):309–17, Dec 76

A physiologic basis for the adhesion-free healing of deperitonealized surfaces. Buckman RF Jr, et al. **J Surg Res** 21(2):67–76, Aug 76

Blood coagulation, fibrinolysis and the mercurial nephrotic syndrome. Barr RD, et al. **J Trop Med Hyg** 79(10):235–6, Oct 76

Blood fibrinolytic activity and fibrinoid necrosis of small arteries in the rats treated with renal cortical extract. Onoyama K, et al. **Jpn Heart J** 17(5):649–55, Sep 76

Occurrence of disseminated intravascular coagulation (DIC) in obstructive jaundice and its relation to biliary tract infection. Takeda S, et al. **Jpn J Surg** 7(2):82–9, Jun 77

Pathophysiological response of the blood coagulation system in acute glomerulonephritis. Alkjaersig NK, et al. **Kidney Int** 10(4):319–28, Oct 76

Onions and platelet aggregation [letter]. Baghurst KI, et al. **Lancet** 1(8002):101, 8 Jan 77

Changes in haemostatic system after application of a tourniquet. Klenerman L, et al. **Lancet** 1(8019):970–2, 7 May 77

Effect of intermittent compression of the arms on deep venous thrombosis in the legs. Knight MT, et al. **Lancet** 2(7998):1265–8, 11 Dec 76

Fibrinolytic response to surgery. Labile and stable patterns and their relevance to post-operative deep venous thrombosis. Knight MT, et al. **Lancet** 2(8034):370–3, 20 Aug 77

Fibrinolysis and tourniquet [letter] Risberg B. **Lancet** 2(8033):360–1, 13 Aug 77

Hematologic abnormalities in pregnancy. Bell WR. **Med Clin North Am** 61(1):165–99, Jan 77

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

Pulmonary tissue fibrinolysis in traumatized rats pretreated with tranexamic acid. Risberg B, et al. **Microvasc Res** 13(1):91–5, Jan 77

Fibrinolytic activity associated with cultured human neoplastic and normal cells. Rosenthal KL, et al. **Mol Cell Biochem** 15(2):149–53, 12 Apr 77

Pelvis phleboliths epidemiology and postulated etiology. Burkitt DP, et al. **N Engl J Med** 296(24):1387–9, 16 Jun 77

Neoplastic transformation of hamster embryo cells irradiated in utero and assayed in vitro. Borek C, et al. **Nature** 266(5601):452–4, 31 Mar 77

Return of function in the thrombosed kidney after transplantation. Levin RD, et al. **Nephron** 19(3):146–52, 1977

Antifibrinolytic therapy in ruptured intracranial aneurysm through repeated monitoring of fibrinolytic activity of blood. Watanabe H, et al. **Neurol Med Chir (Tokyo)** 16(PT1):91–6, 1976

Mechanisms of thrombotic disease. Paton RC, et al. **Pathobiol Annu** 6:59–93, 1976 (332 ref.)

The role of coagulation and fibrinolysis in preeclampsia. Bonnar J, et al. **Perspect Nephrol Hypertens** 5:85–93, 1976

Intravascular coagulation and fibrinolysis. Palmer RL. **Postgrad Med** 62(1):181–7, Jul 77

Renal failure in obstructive jaundice--pathogenic factors. Wardle EN. **Postgrad Med J** 51(598):512–4, Aug 75

Studies on the blood clotting and fibrinolytic system in the plasma from a sei (baleen) whale. Saito H, et al. **Proc Soc Exp Biol Med** 152(4):503–7, Sep 76

Disseminated intravascular coagulation in prostatic disease. Deutsch E. **Prog Clin Biol Res** 6:313–27, 1976

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

The clot: the hypercoagulable state. Wallner SF. **Rocky Mt Med J** 74(3):130–5, May–Jun 77

Portal vein thrombosis in adults. Barr RD, et al. **S Afr Med J** 51(18):629–31, 30 Apr 77

Fibrinolytic activity in wound secretions. Aberg M, et al. **Scand J Plast Reconstr Surg** 10(2):103–5, 1976

Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)

Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)

Laboratory modalities for assessing hemostasis during cardiopulmonary bypass. Fekete LF, et al. **Semin Thromb Hemostas** 3(2):83–9, Oct 76

Kininogens of human plasma. Habal FM, et al. **Semin Thromb Hemostas** 3(1):27–42, Jul 76 (78 ref.)

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

Cardiopulmoanry bypass hemorrhage: a surgeon's point of view. Lambert CJ. **Semin Thromb Hemostas** 3(2):90–7, Oct 76

Plasma inhibitors of the Hageman factor dependent pathways. Schreiber AD. **Semin Thromb Hemostas** 3(1):32–51, Jul 76 (53 ref.)

Syndromes of intravascular coagulation. Rodríguez-Erdmann F. **Surg Annu** 9:1–28, 1977 (28 ref.)

Plasma fibrinolytic inhibitors after operation. Griffiths NJ, et al. **Surg Gynecol Obstet** 144(5):673–6, May 77

Post-traumatic pulmonary insufficiency. Pardy BJ, et al. **Surg Gynecol Obstet** 144(2):259–69, Feb 77

Inhibition of fibrinolysis in the burned-infected rat: antiplasmin induced by burn wound infection. Andes WA, et al. **Thromb Haemostas** 36(1):173–81, 31 Aug 76

Detection and prevention of a fibrinolysis after an extra-corporeal circulation in cardiac surgery [letter]. Doutremepuich C, et al. **Thromb Haemostas** 36(1):296, 31 Aug 76

Blood coagulation and fibrinolysis in thyroid disease. Farid NR, et al. **Thromb Haemostas** 35(2):415–22, 30 Apr 76

Studies on the tissue thromboplastin during the coagulation-fibrinolytic process--ultrastructural changes. Hasegawa H, et al. **Thromb Haemostas** 37(3):541–8, 30 Jun 77

Marathon run I: effects on blood coagulation and fibrinolysis. Mandalaki T, et al. **Thromb Haemostas** 37(3):444–50, 30 Jun 77

A new era in the laboratory evaluation of coagulation and fibrinolysis [editorial]. Stormorken H. **Thromb Haemostas** 36(2):299–301, 30 Nov 76

Comparative studies of coagulative and fibrinolytic faculties between the Japanese monkey and the human. Suzuki K, et al. **Thromb Haemostas** 37(2):233–42, 30 Apr 77

Demonstration of reactivity to airborne and food allergens in cutaneous vasculitis by variations in fibrinopeptide A and other blood coagulation, fibrinolysis and complement parameters. Theorell H, et al. **Thromb Haemostas** 36(3):593–604, 31 Dec 76

Platelet adhesiveness and fibrinolysis after recent cerebro-vascular accidents and their relationship with subsequent deep venous thrombosis of the legs. Warlow CP, et al. **Thromb Haemostas** 36(1):127–32, 31 Aug 76

A method for the measurement of fibrinolytic activity based on one dimensional diffusion using small glass tubes. II. With special reference to the differences between the use of plasminogen-rich fibrinogen and that of plasminogen-free fibrinogen as the substrates. Yasukouchi T, et al. **Thromb Haemostas** 37(3):456–63, 30 Jun 77

Studies on the degradation of fibrinogen Giessen I. Bleyl H, et al. **Thromb Res** 9(4):329–34, Oct 76

Interaction between factor XII (Hageman factor), high molecular weight kininogen and prekallikrein. Chan JY, et al. **Thromb Res** 9(5):423–33, Nov 76

The influence of drugs on disseminated intravascular coagulation (DIC). I. Effects of antifibrinolytics and fibrinolytics on thrombin-induced DIC in rats. Markwardt F, et al. **Thromb Res** 9(2):143–52, Aug 76

An experimental model of in vivo fibrinolysis. Sasaki Y, et al. **Thromb Res** 9(5):513–22, Nov 76

Disordered 'fibrinolytic potential' in coronary heart disease. Walker ID, et al. **Thromb Res** 10(3):509-20, Mar 77

Fibrinolysis and disseminated intravascular coagulation in open heart sergery. Umlas J. **Transfusion** 16(5):460–3, Sep-Oct 76

Myocardial fibrinolytic activity in allogenic cardiac rejection. Losman JG, et al. **Transplantation** 23(5):414–22, May 77

Coagulation, fibrinolysis and venous thrombosis. Nilsson IM. **Triangle** 16(1):19–27, 1977 (76 ref.)

Haemostasis disorders in open heart surgery with extracorporeal circulation. Importance of the platelet function and the heparin neutralization. Moriau M, et al. **Vox Sang** 32(1):41–51, 1977

Production physiology and properties of a novel fungal fibrinolytic enzyme. Fayek KI, et al. **Z Allg Mikrobiol** 16(6):417–23, 1976

Thrombogenic activity of mouse and human tumors: effects on platelets, coagulation, and fibrinolysis, and possible significance for metastases. Gasic GJ, et al. **Z Krebsforsch** 86(3):263–77, 30 Aug 76

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

[Origin of the staphylococci in slaughtered poultry] Baĭl'ozov D, et al. **Vet Med Nauki** 13(10):20–7, 1976 (Eng. Abstr.) **(Bul)**

[Fibrinolytic activity in the extraction wound] Antalovská Z, et al. **Cesk Stomatol** 76(5):317–22, Sep 76 (Eng. Abstr.) **(Cze)**

[Thrombocyte aggregation and coagulation in transient cerebral ischemia (TCI)] Andersen LA, et al. **Ugeskr Laeger** 139(19):1111–4, 9 May 77 (Eng. Abstr.) **(Dan)**

[Hemostasis disorders in the alcoholic] Wautier JL, et al. **Actual Odontostomatol (Paris)** (115):455–61, Sep 76 **(Fre)**

[Systematic study of hemostasis disorders in 20 partial hepatectomies] Morisot P, et al. **Anesth Analg (Paris)** 34(1):123–30, Jan–Feb 77 **(Fre)**

[Disseminated intravascular coagulation during cancer of the prostate with diffuse hematogenic dissemination] Conard J, et al. **Nouv Presse Med** 5(42):2867–8, 11 Dec 76 **(Fre)**

[Interrelation between fibrin degradation products and urinary proteinuria in diabetics (letter)] Terrasse J, et al. **Nouv Presse Med** 6(13):1146, 2 Apr 77 **(Fre)**

[Urokinase. Biochemical therapeutical and therapeutical data (author's transl)] Kher A. **Pathol Biol (Paris)** 24 Suppl:54–69, Dec 76 (115 ref.) (Eng. Abstr.) **(Fre)**

[Contraceptive agents and thrombosis] Marcel GA. **Pathol Biol (Paris)** 24(9):637–40, Nov 76 **(Fre)**

[Pulmonary complications of azotemia. A case of uremic lung] Perrin-Fayolle M, et al. **Poumon Coeur** 32(4):169–76, 1976 (Eng. Abstr.) **(Fre)**

[Physiopathology of pulmonary embolism] Francoual M. **Rev Prat** 27(31):1981–4, 1 Jun 77 (15 ref.) (Eng. Abstr.) **(Fre)**

[Mechanisms of venous thrombosis. Therapeutic deductions on prophyloxis] Samama M, et al. **Rev Prat** 27(21):1283–8, 11 Apr 77 (17 ref.) (Eng. Abstr.) **(Fre)**

[Indications for conservative or surgical interventions in venous thromboses (proceedings)] Fischer M, et al.

Acta Med Austriaca® [Suppl] (3):223–4, 1976 **(Ger)**

[The effectiveness of various micropore blood filters (author's transl)] Vögtlin J, et al. **Anaesthesist** 26(2):56–63, Feb 77 (Eng. Abstr.) **(Ger)**

[Fibrin depostition in granuloma anulare (author's transl)] Kleinhans D, et al. **Arch Dermatol Res** 258(3):231–4, 27 May 77 (Eng. Abstr.) **(Ger)**

[Urokinase, an expensive false development of thrombolytic therapy (letter)] Kaulla KN von. **Dtsch Med Wochenschr** 101(42):1543–5, 15 Oct 76 **(Ger)**

[Experimental studies on disseminated intravascular coagulation (author's transl)] Meerbach W, et al. **Exp Pathol (Jena)** 13(1):58–67, 1977 (Eng. Abstr.) **(Ger)**

[Tissue culture as a test system for the study of fibrinolysis activators] Astedt B. **Folia Haematol (Leipz)** 103(3):399–403, 1976 **(Ger)**

[Fibrin degradation products (FDP) and fibrinolytic activity of blood in various acute and chronic diseases] Kotschy M. **Folia Haematol (Leipz)** 103(3):425–30, 1976 **(Ger)**

[Biochemical and pharmacological principles of antithrombotic therapy] Markwardt F. **Folia Haematol (Leipz)** 103(3):293–312, 1976 **(Ger)**

[Blood coagulation activity and fibrinolysis in umbilical vein blood of healthy and asphyxiated newborn infants] Schander K, et al. **Fortschr Med** 95(22):1477–81, 9 Jun 77 (Eng. Abstr.) **(Ger)**

[The development of coagulopathy in missed abortion (author's transl)] Heyes H, et al. **Geburtshilfe Frauenheilkd** 37(7):595–9, Jul 77 (Eng. Abstr.) **(Ger)**

[Pathogenesis of hemorrhagic diatheses in monoclonal gammopathies] Deutsch E, et al. **Haematol Bluttransfus** 18:357–65, 1976 **(Ger)**

[Coagulation abnormalities in the patients with malignant tumours of the larynx and pharynx (author's transl)] Nikšić M, et al. **Laryngol Rhinol Otol (Stuttg)** 55(5):414–9, May 76 (Eng. Abstr.) **(Ger)**

[Hepatic failure and disorders of coagulation (author's transl)] Ohler WG. **Leber Magen Darm** 7(4):270–6, Aug 77 (Eng. Abstr.) **(Ger)**

[A simple method for the recording of hyperfibrinolytic conditions] Petrowicz O, et al. **Med Welt** 28(19):897–8, 13 May 77 **(Ger)**

[Prevention of bleeding following prostatectomy by the use of AMCA] Vecsey D, et al. **Med Welt** 28(24):1100–2, 17 Jun 77 **(Ger)**

[Diagnostic therapeutic problems of defibrination syndrome in shock, sepsis, and neonatal hypoxia (author's transl)] Kirsch W, et al. **Monatsschr Kinderheilkd** 125(6):621–7, Jun 77 (32 ref.) (Eng. Abstr.) **(Ger)**

[In-vitro experiments on the clarification of the fibrinolytic activity in normal cerebrospinal fluid] Hindersin P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 29(5):275–84, May 77 (Eng. Abstr.) **(Ger)**

[The fibrinolytic activity in tissues of polytraumatized patients (author's transl)] Schlag G, et al. **Unfallheilkunde** 80(6):269–73, Jun 77 (Eng. Abstr.) **(Ger)**

[Blood coagulation and its disorders in portal hypertension] Lasch HG. **Verh Dtsch Ges Inn Med** 82 Pt 1:190–8, 1976 **(Ger)**

[Qualitative analysis of the binding of fibrin in organic tissue (author's transl)] Braun F, et al. **Wien Klin Wochenschr** 89(14):489–94, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Tissue-plasminogen-activators of maternal and fetal rat lungs after application of betamethasone or bromhexine-metabolite VIII (author's transl)] Haas-Denk S, et al. **Z Geburtshilfe Perinatol** 180(6):398–403, Dec 76 (Eng. Abstr.) **(Ger)**

[Bleeding complications after lung surgery (author's transl)] Neef H, et al. **Zentralbl Chir** 102(11):664–9, 1977 (Eng. Abstr.) **(Ger)**

[Blood coagulation in newborns (author's transl)] Verron G, et al. **Zentralbl Chir** 101(26):1601–6, 1976 (Eng. Abstr.) **(Ger)**

[Thrombolytic treatment of deep leg vein thrombosis in ageing (author's transl)] Heinrich HG, et al. **ZFA [Dresden]** 31(4):357–61, 1976 **(Ger)**

[Problems of coagulation analysis in diagnosing inflammatory and thrombotic venous diseases in ageing (author's transl)] Heinrich HG. **ZFA [Dresden]** 31(4):343–5, 1976 (Eng. Abstr.) **(Ger)**

[Disseminated intravascular coagulation and primary fibrinolysis in acute leukemia] Gafter U, et al. **Harefuah** 92(5):212–4, 1 Mar 77 (Eng. Abstr.) **(Heb)**

[The effect of exercise therapy on fibrinolytic activity] László H, et al. **Orv Hetil** 117(49):2971–3, 5 DEC 76 **(Hun)**

Antiproteolytic activity in human placenta and decidua. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):764–6, 15 Jun 76 **(Ita)**

[Hematic and plasmatic viscosity in cyanotic congenital heart diseases (author's transl)] Brunetti A, et al. **G Ital Cardiol** 7(3):221–32, 1977 (Eng. Abstr.) **(Ita)**

[Study of blood coagulation disorders after operations with extracorporeal circulation in infants and children] Calza G. **Minerva Cardioangiol** 25(4):279–88, Apr 77 (63 ref.) (Eng. Abstr.) **(Ita)**

[Classification and pathogenesis of thrombohemorrhagic events connected with surgery. Intravascular coagulation in surgery] Doni A. **Minerva Chir** 31(20):1109–18, 31 Oct 76 (Eng. Abstr.) **(Ita)**

[Fibrinolytic activity of the human brain after contusive injuries] Fiori M, et al. **Minerva Med** 67(56):3713–8, 17 Nov 76 (Eng. Abstr.) **(Ita)**

[Hepatorenal syndrome] Triolo R, et al. **Minerva Med** 68(26):1789–808, 26 May 77 (Eng. Abstr.) **(Ita)**

[Histochemistry of fibrinolysis in hemophilic arthropathy] Magrini U, et al. **Riv Istochim Norm Patol** 19(1–4):167, 1975 **(Ita)**

[Leukemoid reaction (author's transl)] Hasegawa M. **Acta Haematol Jpn** 39(5):561–9, Oct 76 (Eng. Abstr.) **(Jpn)**

[Clinical study of proliferative diabetic retinopathy (author's transl)] Fukuda M, et al. **Acta Soc Ophthalmol Jpn** 80(11):1514–25, 10 Nov 76 (Eng. Abstr.) **(Jpn)**

[Experimental study on fibrinolytic phenomena of injured cerebral tissues. With special reference to the changes in fibrinolytic substances in glia tissues (author's transl)] Tadokoro H. **Arch Jpn Chir** 46(3):258–77, 1 May 77 (Eng. Abstr.) **(Jpn)**

[Index of fibrinolysis with new fibrin plate (author's transl)] Hishikawa Y, et al. **J Physiol Soc Jpn** 39(1):1–11, 1977 (Eng. Abstr.) **(Jpn)**

[Correlation of complement system with coagulation, fibrinolysis, and kinin generation] Kondo M. **Jpn J Clin Hematol** 17(1):1–14, Jan 76 (115 ref.) **(Jpn)**

[Coagulation and fibrinolytic system in vivo and clinical medicine] Matsuoka S. **Jpn J Clin Hematol** 17(6):573–9, Jun 76 **(Jpn)**

[Studies on coagulation and fibrinolysis in obstructive jaundice (author's transl)] Takeda S, et al. **Jpn J Clin Hematol** 17(7):750–7, Jul 76 (Eng. Abstr.) **(Jpn)**

[Ten years' advances in clinical pathology. (5) Clinical hematology-Blood coagulation and fibrinolysis (author's transl)] Umegaki K. **Jpn J Clin Pathol** 24(5):389–92, May 76 **(Jpn)**

[Clinical haematology, coagulation and fibrinolysis (author's transl)] Umegaki K. **Jpn J Clin Pathol Suppl** 28:118–30, 30 Nov 76 (80 ref.) **(Jpn)**

[Studies of fibrinolytic activity in the lesion of pustulosis palmaris et plantaris (author's transl)] Shigemi F, et al. **Jpn J Dermatol** 86(10):684–7, 10 Sep 76 **(Jpn)**

[Abnormal fibrinolysis and serum lipid levels in the liver cirrhosis and prognosis] Matsuo T, et al. **Jpn J Geriatr** 13(5):302–7, Sep 76 (Eng. Abstr.) **(Jpn)**

[Studies of coagulation and fibrinolysis in kidney diseases in children 1] Nagata K, et al. **Jpn J Nephrol** 17(11):913–28, Nov 75 (Eng. Abstr.) **(Jpn)**

[Kidney and fibrinolysis (1) with special reference to systemic fibrindytic activities] Taura K, et al. **Jpn J Nephrol** 18(12):793–801, Dec 76 (Eng. Abstr.) **(Jpn)**

[Fibrinolytic activity in the rat kidney (author's transl)] Hisazumi H, et al. **Jpn J Urol** 68(2):152–5, Feb 77 (Eng. Abstr.) **(Jpn)**

[Fibrinolytic activity of cerebrospinal fluid in subarachnoid hemorrhage (author's transl)] Imanaga H, et al. **Neurol Surg (Tokyo)** 5(1):51–8, Jan 77 (Eng. Abstr.) **(Jpn)**

[Blood coagulation in coronary artery disease (author's transl)] Aosaki M, et al. **Respir Circ (Tokyo)** 24(10):855–64, Oct 76 **(Jpn)**

[Meno-metrorrhagia in relation to coagulation and fibrinolysis] Gjønness H. **Tidsskr Nor Laegeforen** 96(26):1356–9, 20 SEP 76 (Eng. Abstr.) **(Nor)**

[Urina urokinase and blood fibrinolytic activity in w experimental zinc poisoning] Guja A. **Patol Pol** 28(2):201–8, Apr-Jun 77 (Eng. Abstr.) **(Pol)**

[Blood fibrinolytic activity following exercise in patients with primary hyperlipoproteinemia and patients with coronary artery disease] Berent H. **Pol Arch Med Wewn** 57(4):271–9, Apr 77 (Eng. Abstr.) **(Pol)**

[Selected indices of blood clotting and fibrinolysis in patients with malignant hypertension] Berent H, et al. **Pol Tyg Lek** 32(18):665–7, 2 May 77 (Eng. Abstr.) **(Pol)**

[Blood clotting and fibrinolytic activity and platelet changes in chronic peripheral arterial insufficiency] Kaniak J, et al. **Pol Tyg Lek** 31(41):1757–60, 11 Oct 76 (Eng. Abstr.) **(Pol)**

[Hemostatic system in diabetes in children and in adults] Prochorow M, et al. **Pol Tyg Lek** 32(8):317–9, 21 Feb 77

(Eng. Abstr.) (Pol)
[Blood plasma fibrinolytic activity in patients with nephrolithiasis] Zuch A, et al. **Pol Tyg Lek** 32(16):585–8, 18 Apr 77 (Eng. Abstr.) (Pol)
[Role of the coagulation and fibrinolytic systems in glomerulonephritis] Ratajczak T, et al. **Postepy Hig Med Dosw** 30(6):861–72, Nov–Dec 76 (Pol)
[Blood fibrinolytic activity in patients with hyperthrombocytosis in rheumatoid arthritis] Hryszko S, et al. **Reumatologia** 15(2):193–7, 1977 (Eng. Abstr.) (Pol)
[Effect of partial strumectomy on the activity of the fibrinolytic system of peripheral venous blood plasma] Piotrowski Z, et al. **Rocz Akad Med Bialymstoku** 21:13–21, 1977 (Eng. Abstr.) (Pol)
[Improvement in the perfusion rate of the isolated rat liver under the influence of streptase] Duca S, et al. **Rev Med Intern [Med Intern]** 29(2):177–83, Mar–Apr 77 (Eng. Abstr.) (Rum)
[Fibrinolytic and antifibrinolytic properties of the uterine tube tissues in normal rabbits and in experimental infectious salpingitis] Nazarov VG, et al. **Akush Ginekol (Mosk)** (6):71–2, Jun 77 (Rus)
[Mechanism of changes in blood clotting and fibrinolysis under the influence of a constant electric current] Mishchenko VP, et al. **Biofizika** 22(3):489–92, May–Jun 77 (Eng. Abstr.) (Rus)
[Fibrinolytic activity of rat blood following exposure to several atherogenic factors] Andreenko GV, et al. **Biol Nauki** (3):74–8, 1977 (Rus)
[Effect of unsaturated fatty acids, vitamin A and heparin on the initial stages of thrombin–131I clearance and the functional state of the anticoagulant system of animals following its depression by an atherogenic diet] Bazaz'ian GG, et al. **Biol Nauki** (4):69–74, 1977 (Rus)
[Use of protamine sulfate, epsilon–aminocaproic acid and serotonin in experimental hypofibrinogenemia and fibrinolysis caused by stimulation of the anticoagulant system] Kalishevskaia TM, et al. **Biol Nauki** (10):69–75, 1976 (Rus)
[Functional status of the anticoagulant system in splenectomized animals at various periods after surgery] Liapina LA, et al. **Biol Nauki** (7):87–90, 1976 (Rus)
[Role of intermediate products of prothrombin proteolysis by thrombin in the stimulation of the anticoagulation system of blood] Kudriashov BA, et al. **Biull Eksp Biol Med** 82(10):1172–4, Oct 76 (Eng. Abstr.) (Rus)
[Effect of heating and cooling the hypothalamus on the blood clotting system] Asmakova TG, et al. **Fiziol Zh SSSR** 63(7):997–1002, Jul 77 (Eng. Abstr.) (Rus)
[Hemostatic properties of tissues of the gastrointestinal tract in thyrotoxicosis and during parenterl nitrogenous feeding] Glants RM, et al. **Fiziol Zh SSSR** 62(9):1361–7, SEP 76 (Eng. Abstr.) (Rus)
[Interrelationships between the tissue link of the hemostatic system and the sympatho–adrenal system following transfusion of heterogenous blood] Glants RM, et al. **Fiziol Zh SSSR** 62(6):846–52, 1976 (Eng. Abstr.) (Rus)
[Hypothalamus and the efferent paths of its influence on the anti–clotting system of the blood] Kalishevskaia TM, et al. **Fiziol Zh SSSR** 62(9):1337–42, SEP 76 (Eng. Abstr.) (Rus)
[Role of ACTH and glucocorticoids in providing for non–enzymatic fibrinolysis in animals under immobilization stress] Kudriashov BA, et al. **Fiziol Zh SSSR** 63(5):735–41, May 77 (Eng. Abstr.) (Rus)
[Effect of intravenous infusions of thrombin and heterogenous blood on lymph coagulability] Kuznik BI, et al. **Fiziol Zh SSSR** 62(10):1460–5, Oct 76 (Eng. Abstr.) (Rus)
[Influence of the kidneys on blood coagulation and fibrinolysis] Skipetrov VP, et al. **Fiziol Zh SSSR** 63(5):752–5, May 77 (Rus)
[Blood coagulating and anticoagulating system indices in vibration disease caused by overall vibration] Volova TN, et al. **Gig Tr Prof Zabol** (5):51–4, 1977 (Rus)
[Possibilities of early diagnosis of thromboembolic complications in myocardial infarct by means of biochemical methods] Andreenko GV, et al. **Kardiologiia** 17(1):98–103, Jan 77 (Eng. Abstr.) (Rus)
[Fibrinolytic activity of blood flowing through the heart ventricles and major vessels of rats under normal conditions and in experimental myocardial ischemia] Andreenko GV, et al. **Kardiologiia** 17(3):114–8, Mar 77 (Eng. Abstr.) (Rus)
[High–altitude pulmonary hypertension and fibrinolysis] Bobokhodzhaev MKh, et al. **Kardiologiia** 16(9):46–50, Sep 76 (Eng. Abstr.) (Rus)
[Intravascular disorders of microcirculation and microthrombus formation in patients with chronic ischemic disease of the heart] Furkalo NK, et al. **Kardiologiia** 16(12):32–40, Dec 76 (Eng. Abstr.) (Rus)
[Comparative analysis of blood coagulation and various indicators of microcirculation in patients with coronary arteriosclerosis and hypertension in the age aspect] Furkalo NK, et al. **Kardiologiia** 16(3):25–33, Mar 76 (Eng. Abstr.) (Rus)
[Coagulologic characteristics of different stages of chronic circulatory insufficiency in atherosclerotic cardiosclerosis] Gritsiuk AI, et al. **Kardiologiia** 16(12):25–32, Dec 76 (Eng. Abstr.) (Rus)
[Thrombin clearance and the activity of complex heparin compounds during recovery of the function of the anticoagulation system in animals maintained on an atherogenic diet] Kudriashov BA, et al. **Kardiologiia** 16(10):138–9, Oct 76 (Rus)
[Importance of heparin in thrombin–131I clearance and in the complex formation processes in animals under experimental restoration of the function of the anticoagulating system] Kudriashov BA, et al. **Kardiologiia** 17(2):120–3, 1977 (Eng. Abstr.) (Rus)
[Activity of leukocytic factors of blood coagulation in chronic coronary insufficiency] Mel'nikov AF, et al. **Kardiologiia** 17(5):49–52, May 77 (Rus)
[Non–enzymatic fibrinolytic activity in patients with hypertension under conditions of emotional tension] Sokolov EI, et al. **Kardiologiia** 16(11):83–7, Nov 76 (Rus)
[Importance of tolerance to physical exercise in the study of the blood coagulation and anticoagulation systems after myocardial infarct] Vataman EB, et al. **Kardiologiia** 17(5):31–6, May 77 (Eng. Abstr.) (Rus)
[Correlation between the indicators of blood coagulation and lipid metabolism in patients with stenocardia during the 24–hour period] Zaslavskaia RM, et al. **Kardiologiia** 17(6):111–5, Jun 77 (Eng. Abstr.) (Rus)
[Mechanism of the formation of coagulated hemothorax after pneumonectomy] Grinblat AI. **Khirurgiia (Mosk)** (5):75–8, May 77 (Eng. Abstr.) (Rus)
[Indicators of hemostasis in acute venous thrombosis] Savel'ev VS, et al. **Khirurgiia (Mosk)** (5):18–22, MAY 76 (Eng. Abstr.) (Rus)
[Effect of surgery on blood coagulation properties in patients with toxic goiter] Trach BP. **Klin Khir** (5):54–9, May 77 (Eng. Abstr.) (Rus)
[Coagulation and anticoagulation systems of blood in peritonitis] Mymrikov PI. **Klin Med (Mosk)** 54(10):105–7, Oct 76 (Rus)
[Specific features of blood coagulation system and fibrinolysis in patients with glomerulonephritis against the background of heparin treatment] Panchenko VM, et al. **Klin Med (Mosk)** 55(5):116–22, May 77 (Rus)
[State of the blood coagulation and fibrinolysis systems in nephrotic syndrome] Tareev EM, et al. **Klin Med (Mosk)** 54(8):25–33, Aug 76 (Eng. Abstr.) (Rus)
[Study of fibrinolysis in laboratory diagnosis of the state of thrombus risk] Bergut FA. **Lab Delo** (8):458–62, 1976 (Rus)
[Determination of the activity of plasmin and antiplasmins] Chepcheruk GS. **Lab Delo** (2):81–3, 1977 (Eng. Abstr.) (Rus)
[Analytical methods of study of the system of fibrinolysis (plasminogen proactivators–activators, plasminogen–plasmin, antiplasmins, antiactivators) (literature review)] Guseinov ChS, et al. **Lab Delo** (5):276–83, 1976 (Rus)
[Method of study of coagulability and fibrinolysis of cadaveric blood] Kotovshchikova MA, et al. **Lab Delo** (8):455–8, 1976 (Rus)
[Assessment of fibrinolysis with a coagulograph H–333] Kuznik BI, et al. **Lab Delo** (5):281–3, 1977 (Rus)
[Effect of leukocytes of healthy persons on blood coagulation] Mel'nikov AF, et al. **Lab Delo** (2):78–81, 1977 (Eng. Abstr.) (Rus)
[Determination of the fibrinolytic activity of blood by the method of thrombelastography] Pliutto AM. **Lab Delo** (9):569, 1976 (Rus)
[Products of fibrinogen splitting and their biological significance (literature survey)] Timoshenko LI. **Lab Delo** (9):515–20, 1976 (91 ref.) (Rus)
[Isolation and properties of the fibrinolytic enzyme from the Actinomyces thermovulgaris cultural broth] Egorov NS, et al. **Mikrobiologiia** 45:455–9, May–June 76 (Eng. Abstr.) (Rus)
[Effect of colchicine and other polyploidogenic factors in contact with the deep vegetative mycelium of the fungus Trichothecium roseum--producer of the antibiotic trichothecin and proteolytic enzymes] Maksimova RA, et al. **Mikrobiologiia** 46(1):80–5, Jan–Feb 77 (Eng. Abstr.) (Rus)
[Dynamics of the blood coagulating system and fibrinolysis indices in the late peroids of burn disease] Grigor'ev MG,

et al. **Ortop Travmatol Protez** (10):39–43, Oct 76 (Eng. Abstr.) **(Rus)**

[Nonenzymatic fibrinolytic activity of the blood in patients with fractures] Panchenko VM, et al. **Ortop Travmatol Protez** (3):27–31, Mar 76 (Eng. Abstr.) **(Rus)**

[Intravascular blood clotting–component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**

[Hemocoagulating and fibrinolytic activity of the kidney in children] Sokratov NV, et al. **Pediatriia** (2):64–6, Feb 77 (Eng. Abstr.) **(Rus)**

[Components of the fibrinolytic system of cadaveric blood in certain types of death] Krut' MI, et al. **Probl Gematol Pereliv Krovi** 21(12):30–2, Dec 76 (Eng. Abstr.) **(Rus)**

[Effect of intact leukocytes of patients with chronic lympholeukemia on blood coagulation and fibrinolysis] Kuznik BI, et al. **Probl Gematol Pereliv Krovi** 22(1):25–9, Jan 77 (Eng. Abstr.) **(Rus)**

[Components of the fibrinolytic system in newly prepared and preserved whole and rinsed-out cadaveric plasma] Levin GIa. **Probl Gematol Pereliv Krovi** 21(9):14–7, 1976 (Eng. Abstr.) **(Rus)**

[Dialectic of the processes of fibrinolysis and blood coagulation] Petlenko VP, et al. **Probl Gematol Pereliv Krovi** 22(7):31–6, Jul 77 (14 ref.) (Eng. Abstr.) **(Rus)**

[Fibrinolytic properties of 'peritoneal' blood used for reinfusion in gynecologic practice] Tikhomirova NI, et al. **Probl Gematol Pereliv Krovi** (2):38–42, Feb 77 (Eng. Abstr.) **(Rus)**

[Theoretical grounds of a trend of pathogenetic therapy of tuberculosis] Puzik VI, et al. **Probl Tuberk** (9):57–63, Sep 76 **(Rus)**

[Coagulation and anticoagulation systems of blood in bronchial asthma] Akhunova AM. **Sov Med** (11):123–8, Nov 76 (Eng. Abstr.) **(Rus)**

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45–51, Apr 76 (107 ref.) **(Rus)**

[State of the blood coagulation and anticoagulation systems in disorders of the spinal circulation] Neretin VIa, et al. **Sov Med** (11):146–7, Nov 76 **(Rus)**

[Occupational bronchial asthma and pathochemical methods of its evaluation] Orlova AA, et al. **Sov Med** (4):91–5, Apr 76 (Eng. Abstr.) **(Rus)**

[Coagulating and fibrinolytic activity of the saliva and its role in the physiology and pathology of the oral cavity] Kuznik BI, et al. **Stomatologiia (Mosk)** 55(4):90–4, Jul–Aug 76 **(Rus)**

[Blood coagulation and fibrinolytic factors in the saliva of patients with mandibular fractures] Pinelis IS. **Stomatologiia (Mosk)** 55(3):42–4, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Fibrinolytic system in patients with nephrotic syndrome] Andreenko GV, et al. **Ter Arkh** 40(2):89–99, 1976 (Eng. Abstr.) **(Rus)**

[Change in fibrinogen and enzymatic and nonenzymatic fibrinolytic activity of blood in patients with low-degree rheumatic heart disease under the effect of treatment with acetylsalicylic acid] Andreenko GV, et al. **Ter Arkh** 48(11):64–70, 1976 (Eng. Abstr.) **(Rus)**

[Changes in fibrinolysis system in patients with acute myocardial infarction in intracoronary administration of fibrinolysin with heparin] Andreenko GV, et al. **Ter Arkh** 49(4):8–13, 1977 (Eng. Abstr.) **(Rus)**

[Blood coagulation and markedness of the prethrombotic state in patients with coronary arteriosclerosis under conditions of functional test with local venous congestion] Gritsiuk AI, et al. **Ter Arkh** 48(4):19–29, 1976 (Eng. Abstr.) **(Rus)**

[State of blood coagulation and capillary permeability in patients with lung cancer] Kravchenko LF, et al. **Ter Arkh** 40(2):84–7, 1976 (Eng. Abstr.) **(Rus)**

[Characteristics of hemostasis and fibrinolysis system in patients with chronic glomerulonephritis] Panchenko VM, et al. **Ter Arkh** 49(7):54–8, 1977 (Eng. Abstr.) **(Rus)**

[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskii DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**

[Disorders of the fibrinolytic activity of urine in certain kidney diseases] Karastanev I, et al. **Urol Nefrol (Mosk)** (3):19–21, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Role of tissue factors of blood coagulation in the pathogenesis of thrombohemorrhagic complications in diffuse glomerulonephritis] Sokratov NV, et al. **Urol Nefrol (Mosk)** (4):15–9, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[The body's anticoagulent system and theoretical aspects of the problem of blood vessel and heart prosthesis] Kudriashov BA. **Usp Fiziol Nauk** 7(4):61–91, Oct–Dec 76 (220 ref.) **(Rus)**

[Clotting factors and the process of cellular excitation] Rusiaev VF, et al. **Usp Fiziol Nauk** 8(2):94–111, Apr–May 77 **(Rus)**

[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov–Dec 76 (77 ref.) **(Rus)**

[Fibrinolysis of the blood in patients with different forms of hemangioma of the maxillofacial area] Kosorukova NIa. **Vestn Akad Med Nauk SSSR** (1):59–65, 1977 (Eng. Abstr.) **(Rus)**

[State of the blood clotting system and fibrinolysis in patients with chronic recurrent aphthous stomatitis] Kulikova VS, et al. **Vestn Akad Med Nauk SSSR** (1):32–6, 1977 (Eng. Abstr.) **(Rus)**

[Dynamics of the coagulation and fibrinolytic systems of blood during corticosteroid therapy of eczema and psoriasis] Abudsametova ShR. **Vestn Dermatol Venerol** (1):30–5, Jan 76 **(Rus)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

[Effect of many years of physical exercises on fibrinolysis in patients with arteriosclerosis and hypertension] Chumakova VP, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** (2):26–8, Mar–Apr 77 **(Rus)**

[Effect of exercise therapy on non-enzymatic fibrinolytic activity in the blood of patients being treated at the Cardiological Health Resort, Mikhailovskoe] Panchenoko VM, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** (4):28–32, Jul–Aug 77 **(Rus)**

[Fibrinolytic activity of the kidney tissue in glomerulonephritis in children] Enikeeva ZM, et al. **Vopr Okhr Materin Det** 22(3):22–5, 1977 (Eng. Abstr.) **(Rus)**

[Enzymologic methods of studying functions of the human placenta (review of the literature)] Vasilevskii NL, et al. **Vopr Okhr Materin Det** 22(2):79–82, 1977 **(Rus)**

[Clinical significance of disorders in the blood coagulation system in children with diabetes mellitus (literature survey)] Viadro SS, et al. **Vopr Okhr Materin Det** 21(4):61–5, Apr 76 **(Rus)**

[Various indicators of the anticoagulation system in children with chronic glomerulonephritis] Zakharchenko LP. **Vopr Okhr Materin Det** 21(8):41–4, Aug 76 (Eng. Abstr.) **(Rus)**

[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**

[Lipid metabolism disorders in white rats following depression of the anticlotting system by an atherogenic diet] Bazaz'ian GG, et al. **Vopr Pitan** (2):20–5, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Effect of an anti-atherosclerotic diet with a high protein concentration on fibrinolysis in patients with ischemic heart disease] Samsonov MA, et al. **Vopr Pitan** (5):34–9, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Blood coagulation and lipid metabolism in patients with coronary arteriosclerosis] Batrak AA. **Vrach Delo** (6):17–9, Jun 76 (Eng. Abstr.) **(Rus)**

[Indicators of coagulation and the fibrinolytic system in the blood during acute obstructive renal failure] Biliak ST. **Vrach Delo** (3):53–4, Mar 77 **(Rus)**

[Blood coagulation and prethrombosis state in hypertensive disease during stage II and III] Shchigel'skii VI. **Vrach Delo** (1):51–3, Jan 77 (Eng. Abstr.) **(Rus)**

[Hemocoagulating and fibrinolytic properties of the gallbladder] Skipetrov VP, et al. **Vrach Delo** (9):97–9, Sep 76 **(Rus)**

[Disorder of the homeostasis of the blood coagulation system and fibrinolysis in chronic tonsillitis with the tonsillocardiac syndrome] Aslanian NL, et al. **Zh Eksp Klin Med** 16(5):52–8, 1976 **(Rus)**

[Comparative assessment of 2 methods of determining the fibrinolytic activity of microorganisma] Turovtseva VV, et al. **Zh Mikrobiol Epidemiol Immunobiol** (12):128–9, 1976 **(Rus)**

[Changes in the normal liver fibrinolytic activity after portacaval anastomosis in experimental animals (1st communication)] Bokšović S, et al. **Med Arh** 31(1):5–10, Jan–Feb 77 (Eng. Abstr.) **(Scr)**

[Eosinophils in the allergic reaction] Ablin RJ. **Allergol Immunopathol (Madr)** 4(4):279–84, Jul–Aug 76 **(Spa)**

[Hepatic cirrhosis and clearance of fibrinolysis activators] Rocha E, et al. **Rev Clin Esp** 142(2):141–6, 31 Jul 76 (Eng. Abstr.) **(Spa)**

[Erythrocyte participation in blood coagulation and fibrinolysis processes in healthy persons] Belitskaia GA, et al. **Fiziol Zh** 23(3):323–8, May–Jun 77 (Eng. Abstr.)**(Ukr)**

[Hemostatic disorders in obstetrics and their correction] Mikhaĭlenko ET, et al. **Pediatr Akush Ginekol** (2):33–8, Mar–Apr 77 **(Ukr)**

DRUG EFFECTS

Effects of lymphokines on fibrinolysis and kinin generation in human plasma. Sipka S, et al. **Acta Allergol (Kbh)** 32(2):139–44, Apr 77

Synergistic antifibrinolytic action of the potato protease inhibitor and epsilon-aminocaproic acid. Worowski K. **Acta Biol Acad Sci Hung** 27(2–3):125–8, 1976

Effect of dextran and induced thrombocytopenia on the lysability of ex vivo thrombi in dogs. Aberg M, et al. **Acta Chir Scand** 143(2):91–4, 1977

Oral contraceptives, anti-thrombin III and fibrinolytic activity in Africans. Greig HB. **Acta Haematol (Basel)** 58(3):138–44, 1977

Treatment of advanced breast cancer with chemotherapeutics and inhibition of coagulation and fibrinolysis. Astedt B, et al. **Acta Med Scand** 201(5):491–3, 1977

Cutaneous vascular fibrinolytic activity in the local Shwartzman reaction. Bergstein JM. **Am J Pathol** 88(3):655–62, Sep 77

Studies of blood clotting system during dissociative anaesthesia with ketamine. Gaszynski W, et al. **Anaesth Resusc Intensive Ther** 4(1):47–51, Jan–Mar 76

The effect of bone cement used for stabilization of endoprostheses on blood clotting system activity. Gaszyński W, et al. **Anaesth Resusc Intensive Ther** 4(4):237–44, Oct–Dec 76

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)

Coagulation abnormalities in rheumatoid disease. Conn DL, et al. **Arthritis Rheum** 19(6):1237–43, Nov–Dec 76

In vitro effects of bencyclan on coagulation, fibrinolysis and platelet function. Ponari O, et al. **Arzneim Forsch** 26(8):1532–8, 1976

Controlled trial of the effect of cycloalliin on the fibrinolytic activity of venous blood. Agarwal RK, et al. **Atherosclerosis** 27(3):347–51, Jul 77

Short-term effect of coffee on blood fibrinolytic activity in healthy adults. Samarrae WA, et al. **Atherosclerosis** 26(2):255–60, Feb 77

Influence of Etofibrate on plasma fibrinogen and plasminogen concentrations in patients with different forms of primary hyperlipoproteinemia. Spöttl F, et al. **Atherosclerosis** 25(2–3):293–301, Nov–Dec 76

Fibrinolytic activity of adult rat liver cells in primary culture and inhibition by glucocorticoids. Laishes BA, et al. **Biochem Biophys Res Commun** 72(2):462–71, 20 SEP 76

Fibrinolysis in normal plasma and blood: evidence for significant mechanisms independent of the plasminogen-plasmin system. Moroz LA, et al. **Blood** 48(4):531–45, Oct 76

Mechanisms involved in enhancement of plasma fibrinolytic activity by chloroform. Moroz LA, et al. **Blood** 48(5):777–90, Nov 76

Impairment of blood fibrinolytic activity during major surgical stress under combined extradural blockade and general anaesthesia. Engquist A, et al. **Br J Anaesth** 48(9):903–6, Sep 76

Effect of ethyloestrenol on fibrinolysis in the vessel wall. Hedner U, et al. **Br Med J** 2(6038):729–31, 25 Sep 76

Idiopathic recurrent superficial thrombophlebitis: treatment with fibrinolytic enhancement. Jarrett PE, et al. **Br Med J** 1(6066):933–4, 9 Apr 77

A heparinoid cream and tissue fibrinolysis. Risberg B, et al. **Br Med J** 2(6047):1297, 27 Nov 76

Blood coagulation and fibrinolysis system in occupational exposure to some chemical factors. Renke W, et al. **Bull Inst Marit Trop Med Gdynia** 27(3–4):289–98, 1976

Macrophage plasminogen activator: induction by concanavalin A and phorbol myristate acetate. Vassalli JD, et al. **Cell** 11(3):695–705, Jul 77

Coagulation, oestrogen and the menopause. Notelovitz M. **Clin Obstet Gynaecol** 4(1):107–28, Apr 77

The effect of oxpentifylline ('Trental') on fibrinolytic activity and plasma fibrinogen levels. Jarret PE, et al. **Curr Med Res Opin** 4(7):492–5, 1977

Hexoprenaline: a review of its pharmacological properties and therapeutic efficacy with particular reference to asthma. Pinder RM, et al. **Drugs** 14(1):1–28, Jul 77

Experimental research on endotoxic shock in urology. Blaja C, et al. **Eur Urol** 1(2):101–2, 1975

Effect of furosemide on plasma fibrinolytic activity and urokinase excretion. Chohan IS, et al. **Exp Hematol** 5(2):153–7, Mar 77

Fibrinolysis induction by synthetic organic acids. Chemical structure and biological activity relationship. Cepelák V, et al. **Folia Haematol (Leipz)** 103(3):343–50, 1976

Influence of some organic and inorganic ions on fibrinolysis in vitro. Haverkate F, et al. **Folia Haematol (Leipz)** 103(3):389–98, 1976

Oral fibrinolytic therapy. General review. Samama M. **Folia Haematol (Leipz)** 103(3):363–71, 1976 (40 ref.)

Effect of sulfated polysaccharides on blood-borne pulmonary metastasis in rats. Tsubura E, et al. **Gann** 67(6):849–56, Dec 76

Purification of a plasminogen activator inhibitor indistinguishable from alpha1-antitrypsin and an urokinase inhibitor in pregnancy plasma. Clemmensen I, et al. **Haemostasis** 5(4):218–30, 1976

Differences in the reactivities of human urokinase and the porcine tissue plasminogen activator. Thorsen S, et al. **Haemostasis** 5(5):295–305, 1976

Effects of anti-inflammatory agents on plasma fibrinolytic activity. Bhargava KP, et al. **Indian J Med Res** 64(7):1094–8, Jul 76

Effect of phenformin and ethyloestrenol on blood fibrinolytic activity on rabbits maintained on high cholesterol diet. Sharma KK, et al. **Indian J Med Res** 64(6):915–22, Jun 76

Human pancreatic carcinoma (MIA PaCa-2) in continuous culture: sensitivity to asparaginase. Yunis AA, et al. **Int J Cancer** 19(1):218–35, Jan 77

Effect of aspirin on blood fibrinolysis, coagulation and their correlation to bleeding tendencies. Rishi JP, et al. **J Assoc Physicians India** 24(7):429–31, Jul 76

Purification and properties of a plasminogen activator from pig heart. Cole ER, et al. **J Biol Chem** 252(11):3729–37, 10 Jun 77

Altered morphology and increased cell adhesiveness of chinese hamster ovary cells cultured on fibrin. Nozawa RT. **J Cell Physiol** 90(2):351–9, Feb 77

Activation of factor XII by tobacco glycoprotein. Becker CG, et al. **J Exp Med** 146(2):457–67, 1 Aug 77

Fibrin formation and dissolution in women receiving oral contraceptive drugs. Ball AP, et al. **J Lab Clin Med** 89(4):751–62, Apr 77

Biological behavior of higher molecular weight products of fibrinolysis. Chang ML, et al. **J Lab Clin Med** 90(1):216–26, Jul 77

A manual method for applying the Hansch approach to drug design. Topliss JG. **J Med Chem** 20(4):463–9, Apr 77

Prevention of hyaline membrane disease with plasminogen. A cooperative study. Ambrus CM, et al. **JAMA** 237(17):1837–41, 25 April 77

Coagulation abnormalities in women taking oral contraceptives. Carvalho AC, et al. **JAMA** 237(9):875–8, 28 Feb 77

Blood fibrinolytic activity and fibrinoid necrosis of small arteries in the rats treated with renal cortical extract. Onoyama K, et al. **Jpn Heart J** 17(5):649–55, Sep 76

Defibrination with ancrod in nephrotoxic nephritis in rabbits. Thomson NM, et al. **Kidney Int** 10(5):343–7, Nov 76

Effect of Intal on the fibrinolytic activity of the nasal secretion in patients with allergic rhinitis. Chachaj W, et al. **Mater Med Pol** 8(4):453–5, 1976

Aspirin, fibrinolysis and menstruation [letter]. **N Engl J Med** 296(22):1299–300, 2 Jun 77

Increased blood fibrinolytic activity after aspirin ingestion. Moroz LA. **N Engl J Med** 296(10):525–9, 10 Mar 77

A new property of an old remedy: fibrinolysis and aspirin [editorial]. Ratnoff OD. **N Engl J Med** 296(10):566–7, 10 Mar 77

Antithrombotic effects of sulfinpyrazone in animals: influence on fibrinolysis and sodium arachidonate-induced pulmonary embolism. Rüegg M. **Pharmacology** 14(6):522–36, 1976

Fibrinolytic activity in wound secretions. Aberg M, et al. **Scand J Plast Reconstr Surg** 10(2):103–5, 1976

Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)

Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232–90, Apr 76 (207 ref.)

The effect of beta adrenergic blockade upon exercise-induced changes in blood coagulation and fibrinolysis. Britton BJ, et al. **Thromb Haemostas** 35(2):396–402, 30 Apr 76

Fibrinolytic, factor VIII and pulse rate responses to repeated adrenaline infusion followed by haemorrhage. Britton BJ, et al. **Thromb Haemostas** 37(3):527–34, 30 Jun 77

The effects of therapy with oestriol succinate and ethinyl oestradiol on the haemostatic mechanism in post-menopausal women. Davies T, et al. **Thromb Haemostas** 35(2):403–14, 30 Apr 76

Various prothrombin complex concentrates and their effect

on coagulation and fibrinolysis in vivo. Hedner U, et al. **Thromb Haemostas** 35(2):386–95, 30 Apr 76

A comparative ex vivo study of plasminogen activators and proteases for fibrinolytic activity and side effects in rabbits. Janik BA, et al. **Thromb Haemostas** 37(1):154–61, 28 Feb 77

Influence of cytotoxic drugs on platelet functions and coagulation in vitro. IV. Melphalan. Klener P, et al. **Thromb Haemostas** 37(1):53–61, 28 Feb 77

Enhancement of fibrinolytic and thrombolytic potential in the rat by treatment with an anabolic steroid, furazabol. Kumada T, et al. **Thromb Haemostas** 36(2):451–64, 30 Nov 76

Daunomycin and fibrinolysis. Bick RL, et al. **Thromb Res** 9(2):201–3, Aug 76

The formation of a fibrinogen–activator complex by the action of streptokinase. Chesterman CN, et al. **Thromb Res** 10(3):421–30, Mar 77

Effect of brinase (protease I from aspergillus oryzae) on the elimination of fibrin from the lungs and pulmonary damage in rats with induced intravascular coagulation and inhibited fibrinolysis. Diffang C, et al. **Thromb Res** 9(6):611–22, Dec 76

Production of plasminogen actovatpr activity in factor XII–deficient plasma. Kluft C, et al. **Thromb Res** 10(5):759–64, May 77

Intermediate product I. of prothrombin proteolysis as a natural factor of the anticoagulating system stimulation. Kudrjashov BA, et al. **Thromb Res** 10(6):775–82, Jun 77

Threshold phenomena in blood fibrinolysis. Matsuo O, et al. **Thromb Res** 10(5):753–8, May 77

Inhibition of plasminogen binding to fibrin by alpha2–plasmin inhibitor. Moroi M, et al. **Thromb Res** 10(6):851–6, Jun 77

The extract from the tissue of gastric cancer as procoagulant in disseminated intravascular coagulation syndrome. Sakuragawa N, et al. **Thromb Res** 10(3):457–63, Mar 77

An experimental model of in vivo fibrinolysis. Sasaki Y, et al. **Thromb Res** 9(5):513–22, Nov 76

The properties of the purified fibrinolytic principle from Agkistrodon acutus snake venom. Ouyang C, et al. **Toxicon** 15(2):161–7, 1977

Coagulation, fibrinolysis and venous thrombosis. Nilsson IM. **Triangle** 16(1):19–27, 1977 (76 ref.)

[Effects of aromatic bisamidines on blood coagulation and fibrinolysis] Hauptmann J, et al. **Acta Biol Med Ger** 35(5):635–44, 1976 (Eng. Abstr.) **(Ger)**

[Effects of premedication, narcosis and surgery on the coagulation and fibrinolysis systems and the platelets. The influence of dextran and hydroxyethyl starch (hes) during and after operation (author's transl)] Popov–Cenić S, et al. **Anaesthesist** 26(2):77–84, Feb 77 (Eng. Abstr.) **(Ger)**

[Round table discussion on current problems in thrombolytic therapy] **Folia Haematol (Leipz)** 103(3):489–96, 1976 **(Ger)**

[Synthetic compounds with fibrinolytic and thrombolytic activity. I. Pharmacologic observations] Desnoyers P. **Folia Haematol (Leipz)** 103(3):351–6, 1976 **(Ger)**

[Synthetic compounds with fibrinolytic and thrombolytic activity. 2. Studies on mode of action] Desnoyers P, et al. **Folia Haematol (Leipz)** 103(3):357–62, 1976 **(Ger)**

[Fibrinolysis before and after gold therapy in rheumatoid arthritis] Frick U, et al. **Folia Haematol (Leipz)** 103(5):715–8, 1976 (Eng. Abstr.) **(Ger)**

[Liberation of plasminogen activators] Klöcking HP, et al. **Folia Haematol (Leipz)** 103(3):404–24, 1976 **(Ger)**

[Pharmacology of the streptokinase drug Awelysin] Klöcking HP. **Folia Haematol (Leipz)** 103(3):445–55, 1976 **(Ger)**

[Fibrinolytic properties of a heparin–ocrase complex] Kudrjashov BA, et al. **Folia Haematol (Leipz)** 103(4):573–82, 1976 (Eng. Abstr.) **(Ger)**

[Biochemical aspects of the streptokinase effect] Landmann H. **Folia Haematol (Leipz)** 103(3):437–44, 1976 **(Ger)**

[Biochemical and pharmacological principles of antithrombotic therapy] Markwardt F. **Folia Haematol (Leipz)** 103(3):293–312, 1976 **(Ger)**

[Clinical aspects of thrombelytic therapy using streptokinase] Vogel G, et al. **Folia Haematol (Leipz)** 103(3):456–67, 1976 **(Ger)**

[Synthetic fibrinolytics. Own experiences and suggestions] von Kaulla KN. **Folia Haematol (Leipz)** 103(3):313–42, 1976 **(Ger)**

[Thrombosis and embolism in gynecology and obstetrics. A contribution to prophylaxis and therapy] Eberhardinger R. **Fortschr Med** 94(18):1061–4, 1067–76, 17 Jun 76 (Eng. Abstr.) **(Ger)**

[Fibrinolytic therapy in deep venous thrombosis of the upper and lower extremity] Kriessmann A, et al. **Fortschr Med** 95(13):858–66, 7 Apr 77 **(Ger)**

[Prophylaxis of peritoneal adhesions with streptokinase and streptodornase (Varidase). An experimental study in animals (author's transl)] Schütze U, et al. **Munch Med Wochenschr** 119(4):123–6, 28 Jan 77 (Eng. Abstr.) **(Ger)**

[Hemostatic processes in aneurysmal hemorrhages] Hindersin P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 29(3):129–44, Mar 77 (Eng. Abstr.) **(Ger)**

[In vivo studies on the effect of alpha chymotrypsin on hemostasis] Meyer FU, et al. **Stomatol DDR** 27(2):89–92, Feb 77 (Eng. Abstr.) **(Ger)**

[The fibrinolytic activity in tissues of polytraumatized patients (author's transl)] Schlag G, et al. **Unfallheilkunde** 80(6):269–73, Jun 77 (Eng. Abstr.) **(Ger)**

[The 131I–fibrinogen turnover during activation of blood fibrinolysis] Grabowski R, et al. **Z Gesamte Inn Med** 31(24):1025–7, 15 Dec 76 (Eng. Abstr.) **(Ger)**

[Interesting changes in blood fibrinolysis following administration of acetylsalicylic acid in vascular diseases of the lower limbs] Ruggiero A, et al. **Chir Ital** 28(4):306–16, Aug 76 (Eng. Abstr.) **(Ita)**

[Effects of clonidine on various blood–coagulation parameters in hypertension] Lazzarin M, et al. **Minerva Med** 68(4):229–34, 21 Feb 77 (Eng. Abstr.) **(Ita)**

[Experimental study on fibrinolytic phenomena of injured cerebral tissues. With special reference to the changes in fibrinolytic substances in glia tissues (author's transl)] Tadokoro H. **Arch Jpn Chir** 46(3):258–77, 1 May 77 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies of 2–(5H–[1]benzopyrano[2,3–b]pyridin–7–yl) propionic acid (Y–8004) (II). General pharmacological action] Maruyama Y, et al. **Folia Pharmacol Jpn** 72(4):403–16, May 76 (Eng. Abstr.) **(Jpn)**

[Studies on the fibrinolytic system in ruptured intracranial aneurysm. Part 1. Monitoring of the antifibrinolytic therapy through repeated measurement of SK–euglobulin lysis time and FDP (author's transl)] Watanabe H, et al. **Neurol Surg (Tokyo)** 5(8):857–63, Jul 77 (Eng. Abstr.) **(Jpn)**

[Mechanism and frequency of hemorrhagic complications in patients with plasma cell myeloma (author's transl)] Lisiewicz J. **Przegl Lek** 34(5):495–8, 1977 (24 ref.) **(Pol)**

[Effect of immunosuppressive y treatment on blood clotting and fibrinolysis] Bogdanikowa B, et al. **Wiad Lek** 30(14):1087–90, 15 Jul 77 (Eng. Abstr.) **(Pol)**

[Thrombolytic activity of terrilytin and its effect on the coagulating system of the blood] Andreev SV, et al. **Biull Eksp Biol Med** 82(8):936–7, Aug 76 (Eng. Abstr.) **(Rus)**

[Effect of no–shpa, halidor, dibazol and euphylline on the fibrinogen content and fibrinolytic activity of blood] Ivleva AIa, et al. **Farmakol Toksikol** 39(3):304–8, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Antifibrinolytic and antimycotic properties of 2–thiontetrahydro–1,3,5–thiadiazine] Kleking GR, et al. **Farmakol Toksikol** 39(4):432–6, Jun–Aug 76 (Eng. Abstr.) **(Rus)**

[Effect of different doses of strychnine on blood coagulation and lymph] Kuznik BI, et al. **Farmakol Toksikol** 39(5):612–5, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Stimulation of the reflex response of the anticoagulant system by intermediate product–1 of prothrombin proteolysis] Kudriashov BA, et al. **Fiziol Zh SSSR** 63(4):532–8, Apr 77 (Eng. Abstr.) **(Rus)**

[The anticoagulant system following intravenous administration of factor XIII and thromboplastin] Liapina LA, et al. **Fiziol Zh SSSR** 62(8):1166–70, Aug 76 (Eng. Abstr.) **(Rus)**

[Role of cholino– and adrenoreceptors in regulating blood coagulation and fibrinolysis following thrombin injections] Mishchenko VP, et al. **Fiziol Zh SSSR** 62(11):1614–21, Nov 76 **(Rus)**

[Blood kinin system in acute myocardial infarct treated with thrombolytic preparations] Andreenko GV, et al. **Kardiologiia** 17(2):70–5, 1977 (Eng. Abstr.) **(Rus)**

[Importance of heparin in thrombin–131I clearance and in the complex formation processes in animals under experimental restoration of the function of the anticoagulating system] Kudriashov BA, et al. **Kardiologiia** 17(2):120–3, 1977 (Eng. Abstr.) **(Rus)**

[Fibrinolysis in acute pancreatitis and the effect of drugs] Kriuchok AG. **Klin Khir** (5):75–6, May 76 **(Rus)**

[Determination of the activity of plasmin and antiplasmins] Chepcheruk GS. **Lab Delo** (2):81–3, 1977 (Eng. Abstr.) **(Rus)**

[Effect of intravenous plasmin administration on the state of the fibrinolytic and kinin systems of rat blood] Andreenko GV, et al. **Probl Gematol Pereliv Krovi** 21(10):46–8, OCT 76 **(Rus)**

[Effect of the preservative TsOLIPK No. 7b on the fibrinolytic activity of cadaveric plasma] Lwvin GIa.

Probl Gematol Pereliv Krovi 21(3):33–5, Mar 76 (Eng. Abstr.) **(Rus)**

[Importance of the kidneys in regulating blood coagulation and fibrinolysis] Sokratov NV, et al. **Urol Nefrol (Mosk)** (4):80–5, Jul–Aug 77 **(Rus)**

[Blood coagulating and fibrinolytic properties of human eye tissues] Romashchenko AD, et al. **Vestn Oftalmol** (2):35–7, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Effect of actomyosin on blood coagulation and fibrinolysis] Andreenko GV, et al. **Vopr Med Khim** 22(2):166–71, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Delay in thrombin clearance as a diagnostic test of prethrombosis in depression of the anticoagulation system caused by atherogenic diet] Kudriashov BA, et al. **Vopr Med Khim** 22(6):736–40, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Effect of antithrombin III on anticoagulating system function in animals intravenously injected with tissue thromboplastin] Pastorova VE, et al. **Vopr Med Khim** 22(2):240–5, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Blood coagulating properties of immobilized proteases] Zubairov DM, et al. **Vopr Med Khim** 22(2):187–91, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Study of oxyfluoride narcosis effect on blood coagulation and anticoagulation systems during tonsillectomy] Minin AN, et al. **Zh Ushn Nos Gorl Bolezn** (6):25–38, 1976 (Eng. Abstr.) **(Rus)**

[Effect of fibrin degradation products on different biological tests (author's transl)] Vila V, et al. **Sangre (Barc)** 21(4):814–26, 1976 (Eng. Abstr.) **(Spa)**

[Role of the erythrocytes in the regulation of blood coagulation and fibrinolysis in dogs administered adrenaline] Goncharenko LL, et al. **Fiziol Zh** 22(2):258–62, Mar–Apr 76 **(Ukr)**

[Use of hemostatic preparations in obstetrical hemorrhages] Pavlovskiĭ DP, et al. **Pediatr Akush Ginekol** (1):33–7, Jan–Feb 76 **(Ukr)**

RADIATION EFFECTS

[Fibrinolysis during radiotherapy of tumors under a varying oxygen regimen] Bergut FA, et al. **Med Radiol (Mosk)** 22(4):53–62, Apr 77 (Eng. Abstr.) **(Rus)**

FIBRINOLYTIC AGENTS

Enzymes as drugs. Holcenberg JS. **Annu Rev Pharmacol Toxicol** 17:97–116, 1977 (107 ref.)

The effect of anti-thrombotic drugs on prosthetic grafts in the canine inferios vena cava. Calvert MH, et al. **Br J Surg** 63(12):910–3, Dec 76

Antithrombotic drugs: part II. Gallus AS, et al. **Drugs** 12(2):132–57, 1976 (219 ref.)

The effect of colloidal gold on blood coagulation. Sipka S, et al. **Haematologia (Budap)** 10(3–4):361–3, 1976

P.G.X: a natural antithrombotic substance [editorial]? **Lancet** 2(7993):1005, 6 Nov 76

Inhibition of platelet function with bencyclane. Bédi J, et al. **Ther Hung** 24(2):50–5, 1976

Evaluation of antithrombotic properties of suloctidil in comparison with aspirin and dipyridamole. Gurewich V, et al. **Thromb Res** 9(2):101–8, Aug 76

[Effect of dextran on coagulation and hemostasis phenomena] Bergentz SE. **Anesth Analg (Paris)** 3(4):573–6, Jul–Aug 76 **(Fre)**

[Animal experimental studies on the thrombolytic effect of streptokinase] Markwardt F, et al. **Acta Biol Med Ger** 35(2):193–203, 1976 (Eng. Abstr.) **(Ger)**

[Synthetic fibrinolytics. Own experiences and suggestions] von Kaulla KN. **Folia Haematol (Leipz)** 103(3):313–42, 1976 **(Ger)**

[A new function of lipoprotein lipase in blood] Malakhova EA, et al. **Dokl Akad Nauk SSSR** 231(2):495–8, 1976 **(Rus)**

[Fibrinolytic activity of blood flowing through the heart ventricles and major vessels of rats under normal conditions and in experimental myocardial ischemia] Andreenko GV, et al. **Kardiologiia** 17(3):114–8, Mar 77 (Eng. Abstr.)**(Rus)**

[Optimization of the nutrient medium for Actinomyces spheroides--producer of proteolytic enzymes with fibrinolytic activity] Egorov NS, et al. **Mikrobiologiia** 45(4):607–13, JUL–AUG 76 (Eng. Abstr.) **(Rus)**

[Morphologic changes in the cells of sarcoma 45 and the capsule surrounding the tumor in rats under the influence of thrombolytin in a complex with aminazine] Kolomina SM, et al. **Tsitologiia** 19(5):501–7, May 77 (Eng. Abstr.) **(Rus)**

[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

[Heparin–aspirin complex, its physico–chemical and physiologic properties] Kudriashov BA, et al. **Vopr Med Khim** (1):44–51, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Assessment of the thrombolytic effect of low urokinase concentrations. Matsuo O, et al. **Acta Haematol Jpn** 39(3):298–305, Jun 76

Oral fibrinolytic therapy. General review. Samama M. **Folia Haematol (Leipz)** 103(3):363–71, 1976 (40 ref.)

[Thrombolytic activity of terrilytin and its effect on the coagulating system of the blood] Andreev SV, et al. **Biull Eksp Biol Med** 82(8):936–7, Aug 76 (Eng. Abstr.) **(Rus)**

[Local effect of terrilytin and its basic component after subconjunctival administration (experimental study)] Volkov VV, et al. **Vestn Oftalmol** (1):41–4, 1977 (Eng. Abstr.) **(Rus)**

[Delay in thrombin clearance as a diagnostic test of prethrombosis in depression of the anticoagulation system caused by atherogenic diet] Kudriashov BA, et al. **Vopr Med Khim** 22(6):736–40, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Thrombolytic therapy [editorial]. Fratantoni JC. **Am Heart J** 93(3):271–3, Mar 77

The course of pregnancy in patients with artificial heart valves. Ibarra–Perez C, et al. **Am J Med** 61(4):504–12, Oct 76

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)

Fibrinolytic agents in the treatment of necroboiosis lipoidica. Rhodes EL. **Br J Dermatol** 95(6):673–4, Dec 76

Hematological and vascular concepts in relation to stroke. Didisheim P, et al. **Clin Neurosurg** 23:125–39, 1976

Thrombolytic therapy: a comparison between urokinase and streptokinase. From a national cooperative study. Bell WR. **Semin Thromb Hemostas** 2(1):1–13, Jul 75

[Development of pulmonary embolism] Serradimigni A, et al. **Arch Mal Coeur** 69(9):951–8, Sep 76 (Eng. Abstr.) **(Fre)**

[Round table discussion on current problems in thrombolytic therapy] **Folia Haematol (Leipz)** 103(3):489–96, 1976 **(Ger)**

[Complications and risks of treatment with anticoagulants and drugs affecting platelet function (author's transl)] Frick P. **Ther Umsch** 34(5):379–83, May 77 (Eng. Abstr.) **(Ger)**

[Which indications for thrombolytic therapy proved competent?] van de Loo J. **ZFA (Stuttgart)** 53(15):855–60, 31 May 77 **(Ger)**

[Late postoperative hemorrhages as complications of fibrinolytic therapy] Putilin VM, et al. **Vestn Khir** 118(2):135, Feb 77 **(Rus)**

[Arteriosclerosis and atherogenic drugs] Navarrete Pando G. **Angiologia** 28(1):12–20, Jan–Feb 76 (Eng. Abstr.) **(Spa)**

ANALYSIS

Influence of some organic and inorganic ions on fibrinolysis in vitro. Haverkate F, et al. **Folia Haematol (Leipz)** 103(3):389–98, 1976

[Tissue culture as a test system for the study of fibrinolysis activators] Astedt B. **Folia Haematol (Leipz)** 103(3):399–403, 1976 **(Ger)**

[Fibrinolytic properties of 'peritoneal' blood used for reinfusion in gynecologic practice] Tikhomirova NI, et al. **Probl Gematol Pereliv Krovi** (2):38–42, Feb 77 (Eng. Abstr.) **(Rus)**

BLOOD

The influence of long–term therapy with phenformin plus metanabol on blood fibrinolytic activity, platelet adhesiveness and lipid metabolism in patients with arteriosclerosis. Perzanowski A, et al. **Folia Haematol (Leipz)** 103(3):381–8, 1976

[Fibrin degradation products (FDP) and fibrinolytic activity of blood in various acute and chronic diseases] Kotschy M. **Folia Haematol (Leipz)** 103(3):425–30, 1976 **(Ger)**

CHEMICAL SYNTHESIS

[Synthesis of 2,3–diazaphenothiazine. XI. 2– and

3-arylderivatives of 10-methyl-2,3-dihydropyridazine /4,5-b/ / 1,4/ benzothiazin-1,4(10H)-dione] Duro F, et al. **Farmaco [Sci]** 32(3):173-9, Mar 77 (Eng. Abstr.) **(Ita)**

ISOLATION & PURIFICATION

[Fractionation of 'tricholysine' by isoelectric focusing] Stepanova TsN, et al. **Biokhimiia** 42(1):167-70, Jan 77 (Eng. Abstr.) **(Rus)**

[Biochemical substantiation of the expediency of using the euglobulin fractions of blood plasma from persons who died suddenly for obtaining the preparations of fibrinolytic action] Khvatov VB, et al. **Probl Gematol Pereliv Krovi** 21(3):38-42, Mar 76 (Eng. Abstr.) **(Rus)**

[Fibrinolytic components in healthy skin] Chalimova RA. **Vestn Dermatol Venerol** (12):20-3, Dec 76 (Eng. Abstr.) **(Rus)**

METABOLISM

Release of fibrinolytic activators from human ovarian tumours in organ culture. Svanberg L, et al. **Ann Chir Gynaecol** 65(6):405-7, 1976

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121-45, 1976 (74 ref.)

[Plasma kallikrein: new functions] Paskhina TS. **Biokhimiia** 41(8):1347-51, Aug 76 (Eng. Abstr.) **(Rus)**

[Clotting factors and the process of cellular excitation] Rusiaev VF, et al. **Usp Fiziol Nauk** 8(2):94-111, Apr-May 77 **(Rus)**

PHARMACODYNAMICS

The effects of 'anti-platelet' drugs on bleeding time and platelet aggregation in normal human subjects. Buchanan GR, et al. **Am J Clin Pathol** 68(3):355-9, Sep 77

The course of pregnancy in patients with artificial heart valves. Ibarra-Perez C, et al. **Am J Med** 61(4):504-12, Oct 76

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1-6, Jan 77 (34 ref.)

Controlled trial of the effect of cycloalliin on the fibrinolytic activity of venous blood. Agarwal RK, et al. **Atherosclerosis** 27(3):347-51, Jul 77

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41-68, 1976 (192 ref.)

A latex agglutination test for rapid quantitative estimation of the plasmin-antipalsmin complex in human plasma. Collen D, et al. **Eur J Clin Invest** 7(1):21-6, Feb 77

Fibrinolysis induction by synthetic organic acids. Chemical structure and biological activity relationship. Cepelák V, et al. **Folia Haematol (Leipz)** 103(3):343-50, 1976

The influence of long-term therapy with phenformin plus metanabol on blood fibrinolytic activity, platelet adhesiveness and lipid metabolism in patients with arteriosclerosis. Perzanowski A, et al. **Folia Haematol (Leipz)** 103(3):381-8, 1976

Oral fibrinolytic therapy. General review. Samama M. **Folia Haematol (Leipz)** 103(3):363-71, 1976 (40 ref.)

On the reliability of plasminogen measurement employing the proactivator-activator converting method. Martin M. **Thromb Haemostas** 36(3):551-65, 31 Dec 76

Registry of prospective clinical trials second report. Verstraete M. **Thromb Haemostas** 36(1):239-50, 31 Aug 76

An experimental model of in vivo fibrinolysis. Sasaki Y, et al. **Thromb Res** 9(5):513-22, Nov 76

[Blood platelets and cardiovascular diseases. IV. Platelet-inhibiting drugs and antithrombotic agents] Jobin F. **Union Med Can** 105(8):1159-73, Aug 76 (230 ref.) (Eng. Abstr.) **(Fre)**

[Tissue culture as a test system for the study of fibrinolysis activators] Astedt B. **Folia Haematol (Leipz)** 103(3):399-403, 1976 **(Ger)**

[Synthetic compounds with fibrinolytic and thrombolytic activity. 2. Studies on mode of action] Desnoyers P, et al. **Folia Haematol (Leipz)** 103(3):357-62, 1976 **(Ger)**

[Synthetic compounds with fibrinolytic and thrombolytic activity. I. Pharmacologic observations] Desnoyers P. **Folia Haematol (Leipz)** 103(3):351-6, 1976 **(Ger)**

[Biochemical and pharmacological principles of antithrombotic therapy] Markwardt F. **Folia Haematol (Leipz)** 103(3):293-312, 1976 **(Ger)**

[Inhibition of platelet function (mode of action of platelet inhibitors) (author's transl)] Baumgartner HR **Ther Umsch** 34(5):341-6, May 77 (Eng. Abstr.) **(Ger)**

[Current pharmacological aspects of antithrombotic drugs] Stroescu V. **Rev Med Intern [Med Intern]** 28(5):325-7, Sep-Oct 76 **(Rum)**

[Thrombolytic activity of terrilytin and its effect on the coagulating system of the blood] Andreev SV, et al. **Biull Eksp Biol Med** 82(8):936-7, Aug 76 (Eng. Abstr.) **(Rus)**

[Effect of drugs used in the treatment of thrombotic and hemorrhagic conditions on the erythrocyte aggregation] Lakin KM, et al. **Kardiologiia** 17(5):79-83, May 77 **(Rus)**

[Mechanism of the action of rheopolyglucin] Shestakov VA, et al. **Probl Gematol Pereliv Krovi** 21(9):21-5, 1976 (Eng. Abstr.) **(Rus)**

[Local effect of terrilytin and its basic component after subconjunctival administration (experimental study)] Volkov VV, et al. **Vestn Oftalmol** (1):41-4, 1977 (Eng. Abstr.) **(Rus)**

[Delay in thrombin clearance as a diagnostic test of prethrombosis in depression of the anticoagulation system caused by atherogenic diet] Kudriashov BA, et al. **Vopr Med Khim** 22(6):736-40, Nov-Dec 76 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Fluorescein angiography especially of the upper extremities. Lund F. **Acta Chir Scand [Suppl]** (465):60-70, 1976

Thrombolytic therapy [editorial]. Fratantoni JC. **Am Heart J** 93(3):271-3, Mar 77

Pulmonary thromboembolism associated with gynecologic surgery and pregnancy. Bissell SM. **Am J Obstet Gynecol** 128(4):418-23, 15 Jun 77

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1-6, Jan 77 (34 ref.)

Malignant atrophic papulosis of Degos. Report of a patient who failed to respond to fibrinolytic therapy. Howsden SM, et al. **Arch Dermatol** 112(11):1582-8, Nov 76 (61 ref.)

Effect of a new antithrombotic agent at microvenous anastomotic sites. Griffiths MV, et al. **Arch Otolaryngol** 103(6):318-21, Jun 77

Fibrinolytic agents in the treatment of necroboiosis lipoidica. Rhodes EL. **Br J Dermatol** 95(6):673-4, Dec 76

The management of acute pulmonary embolism. Miller GA. **Br J Hosp Med** 18(1):26-31, Jul 77

Hematological and vascular concepts in relation to stroke. Didisheim P, et al. **Clin Neurosurg** 23:125-39, 1976

Antithrombotic drugs: part II. Gallus AS, et al. **Drugs** 12(2):132-57, 1976 (219 ref.)

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41-68, 1976 (192 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755-62, Oct 76 (72 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755-62, Oct 76 (72 ref.)

Phenformin and ethyloestrenol in recurrent deep venous thrombosis (DVT). Hedner U, et al. **Folia Haematol (Leipz)** 103(3):372-80, 1976

The influence of long-term therapy with phenformin plus metanabol on blood fibrinolytic activity, platelet adhesiveness and lipid metabolism in patients with arteriosclerosis. Perzanowski A, et al. **Folia Haematol (Leipz)** 103(3):381-8, 1976

Prevention of thrombosis [editorial]. **Lancet** 1(8003):127-8, 15 Jan 77

Therapy to control coronary atherosclerosis and its complications. Gorlin R. **Major Probl Intern Med** 11:281-92, 1976

Reduction of myocardial infarct size by early intervention. Danner SA. **Neth J Med** 20(3):107-15, 1977 (68 ref.)

Fibrinogen uptake test for detection of deep vein thrombosis--a review of current practice. Kakkar VV. **Semin Nucl Med** 7(3):229-44, Jul 77 (67 ref.)

Thrombolytic therapy: a comparison between urokinase and streptokinase. From a national cooperative study. Bell WR. **Semin Thromb Hemostas** 2(1):1-13, Jul 75

Thrombolysis with a combination of small doses of streptokinase and full doses of heparin. Gallus AS, et al. **Semin Thromb Hemostas** 2(1):14-32, Jul 75

Quantitative streptokinase determination in plasma of patients undergoing thrombolytic therapy. Martin M. **Semin Thromb Hemostas** 2(1):33-41, Jul 75

XIV. Cerebral ischemia: the role of thrombosis and of antithrombotic therapy. Study group on antithrombotic therapy. Genton E, et al. **Stroke** 8(1):150-75, Jan-Feb 77

Fibrinolytic treatment of acute or subacute arterial thrombosis. Reichle FA, et al. **Surg Forum** 27(62):219-21, 1976

Physical methods for prevention of venous thromboembolism [editorial]. Salzman EW. **Surgery** 81(2):123-4, Feb 77

The influence of drugs on disseminated intravascular coagulation (DIC). I. Effects of antifibrinolytics and fibrinolytics on thrombin-induced DIC in rats. Markwardt F, et al. **Thromb Res** 9(2):143-52, Aug 76

Central retinal vein occlusion: differential diagnosis and management. Hayreh SS.
Trans Am Acad Ophthalmol Otolaryngol 83(3 Pt 1):OP379–91, May–Jun 77

[Fibrinolytic treatment (editorial)] Gormsen J.
Ugeskr Laeger 139(20):1193–4, May 16 77 **(Dan)**

[Subacute or chronic thromboembolism of the pulmonary artery.The role of fibrinolytic treatment (apropos of 9 cases)] Benaim R, et al. **Ann Med Interne (Paris)** 127(10):767–70, Oct 76 **(Fre)**

[Massive pulmonary embolism Apropos of 26 embolectomies with definitive survival, 10 of them by Trendelenburg's operation] Eisenmann B, et al. **Arch Mal Coeur** 70(6):573–9, Jun 77 (Eng. Abstr.) **(Fre)**

[Venous signs at the acute stage of pulmonary embolism] Serradimigni A, et al. **Arch Mal Coeur** 69(9):943–9, Sep 76 (Eng. Abstr.) **(Fre)**

[Treatment of obstruction of retinal vessels (author's transl)] Babel J. **Klin Monatsbl Augenheilkd** 170(2):211–9, Feb 77 (Eng. Abstr.) **(Fre)**

[Treatment of venous thrombosis of limbs] Fiessinger JN, et al. **Rev Prat** 27(21):1335–8, 1343–4, 11 Apr 77 (21 ref.) (Eng. Abstr.) **(Fre)**

[Thrombolytic therapy] Leonetti J, et al. **Soins** 22(17):29–32, 5 Sep 77 **(Fre)**

[Randiomized trial of a new platelet anti-aggregant agent: ticlopidine] Lecrubier C, et al. **Therapie** 32(2):189–94, Mar–Apr 77 (Eng. Abstr.) **(Fre)**

[Surgical treatment of acute thrombosis of the leg and pelvic veins] Denck H. **Acta Med Austriaca** 3(4):135–7, 1976 (Eng. Abstr.) **(Ger)**

[Progress in the treatment of acute myocardial infarct] Kaindl F, et al. **Acta Med Austriaca** 3(1):1–12, 1976 (Eng. Abstr.) **(Ger)**

[Fibrinolytic and anticoagulant therapy of acute deep venous thrombosis (proceedings)] Niessner H, et al.
Acta Med Austriaca® [Suppl] (3):224–5, 1976 **(Ger)**

[Disseminated intravascular coagulation: diagnosis and treatment on a medical intensive care unit (proceedings)] Pichler M, et al. **Acta Med Austriaca® [Suppl]** (3):214–6, 1976 **(Ger)**

[Results of fibrinolysis treatments of retinal venous thrombosis dependent on the duration of the disease] Metzler U, et al.
Ber Dtsch Ophthalmol Ges 74:559–63, 1977 **(Ger)**

[Round table discussion on current problems in thrombolytic therapy] **Folia Haematol (Leipz)** 103(3):489–96, 1976 **(Ger)**

[Thrombolytic treatment in pregnancy and during labor] Brandt M, et al. **Folia Haematol (Leipz)** 103(3):477–82, 1976 **(Ger)**

[Use of fibrinolytics in ophthalmology] Lohse K, et al.
Folia Haematol (Leipz) 103(3):488–8, 1976 **(Ger)**

[Biochemical and pharmacological principles of antithrombotic therapy] Markwardt F.
Folia Haematol (Leipz) 103(3):293–312, 1976 **(Ger)**

[Thrombolytic therapy in pediatrics] Weinmann G, et al.
Folia Haematol (Leipz) 103(3):472–6, 1976 **(Ger)**

[Clinic and therapy of acute pancreatitis (author's transl)] Dürr HK, et al. **Leber Magen Darm** 6(5):282–93, Oct 76 (Eng. Abstr.) **(Ger)**

[Indications for the use of platelet inhibitors] Kummer H, et al. **Ther Umsch** 34(5):373–8, May 77 (Eng. Abstr.) **(Ger)**

[Practical procedures in acute deep leg vein thrombosis] Bollinger A. **Vasa** 5(3):259–60, 1976 (Eng. Abstr.) **(Ger)**

[Septic shock (author's transl)] Schmidt D. **Zentralbl Chir** 101(18):1089–102, 1976 (43 ref.) **(Ger)**

[Thromboses and haemorrhages in geriatrics (author's transl)] de Nicola PE. **ZFA [Dresden]** 31(6):553–8, 1976 (Eng. Abstr.) **(Ger)**

[Use of platelet-function inhibitors in arterial thromboses] Reuter H. **ZFA (Stuttgart)** 53(15):861–5, 31 May 77 **(Ger)**

[Which indications for thrombolytic therapy proved competent?] van de Loo J. **ZFA (Stuttgart)** 53(15):855–60, 31 May 77 **(Ger)**

[Ischemic phlebitis and venous gangrene] Ferrante G, et al. **Minerva Chir** 32(7):409–14, 15 Apr 77 (Eng. Abstr.) **(Ita)**

[Problems of arteriosclerosis epidemiology. Analysis of risk factors with a view to a possible therapy] Prof. Aiuto G. **Minerva Med** 67(62):4059–118, 22 Dec 76 **(Ita)**

[Urinary protein reduction by anticoagulant and fibrinolytic therap- in membranous glomerulonephropathy] Kawaguchi N, et al. **Jpn J Nephrol** 19(2):91–8, Feb 77 (Eng. Abstr.) **(Jpn)**

[Treatment and/drug incompatibility in obstruction of the retinal vessels of thromboembolic origin] Olteanu M, et al.
Rev Chir [Oftalmol] 21(1):53–5, Jan–Mar 77 (Eng. Abstr.) **(Rum)**

[Anticoagulants in prevention and treatment of pulmonary thromboembolic diseases] Gherasim L.
Rev Med Intern [Med Intern] 28(5):335–41, Sep–Oct 76 **(Rum)**

[Anticoagulants in coronary disease] Popescu P.
Rev Med Intern [Med Intern] 28(5):329–34, Sep–Oct 76 **(Rum)**

[Blood kinin system in acute myocardial infarct treated with thrombolytic preparations] Andreenko GV, et al.
Kardiologiia 17(2):70–5, 1977 (Eng. Abstr.) **(Rus)**

[Some new aspects of the treatment of acute myocardial infarct] Chazov EI, et al. **Kardiologiia** 17(2):5–11, 1977 **(Rus)**

[Prevention of postoperative thromboembolic complications (a review of the literature)] Pavlovskii DP, et al.
Khirurgiia (Mosk) (5):124–30, May 77 (126 ref.) **(Rus)**

[Pharmacological basis of antithrombotic therapy] Markvardm F. **Klin Med (Mosk)** 55(7):17–23, Jul 77 **(Rus)**

[Anorexic preparations and primary pulmonary hypertension] Ugriumova MO. **Ter Arkh** 40(2):126–31, 1976 (80 ref.) **(Rus)**

[Complex treatment of trophic leg ulcers] Drevina AI, et al.
Vestn Khir 117(12):57–9, Dec 76 (Eng. Abstr.) **(Rus)**

[Effectiveness of using gelatin sponge for hemostasis during treatment of acute iliofemoral venous thrombosis] Koniukhov SG, et al. **Vestn Khir** (3):23–7, Mar 77 (Eng. Abstr.) **(Rus)**

[Use of anticoagulant therapy in cancer] Sopotsinskaia EB.
Vopr Onkol 22(8):110–5, 1976 (43 ref.) **(Rus)**

[Treatment of acute thrombosis of the system of the inferior vena cava] Zurabian SA, et al. **Zh Eksp Klin Med** 17(2):75–80, 1977 **(Rus)**

[Arteriosclerosis and atherogenic drugs] Navarrete Pando G.
Angiologia 28(1):12–20, Jan–Feb 76 (Eng. Abstr.) **(Spa)**

[Prevention of thrombosis and embolism in the obstetrics and gynecology clinic; review of the literature] Mikhaĭlenko ET, et al. **Pediatr Akush Ginekol** (4):33–6, Jul–Aug 76 **(Ukr)**

TOXICITY

[Use of a tissue culture method for determining the toxicity of fibrinolytic preparations] Imshenetskiĭ AA, et al.
Izv Akad Nauk SSSR [Biol] (4):602–5, Jul–Aug 77 (Eng. Abstr.) **(Rus)**

HEMANGIOENDOTHELIOMA

Systemic angioendotheliomatosis: a possible disorder of a circulating angiogenic factor. Person JR. **Br J Dermatol** 96(3):329–31, Mar 77 (19 ref.)

[3 cases of malignant hemangioendothelioma of the liver] Borgeaud J, et al. **Helv Chir Acta** 43(5–6):557–60, Dec 76 **(Fre)**

[Recurring and metastasizing hemangioendothelioma of the scalp] Trumm M. **Z Hautkr** 52(6):319–20, 15 Mar 77 **(Ger)**

[Case of sarcomatous arachnoendothelioma of the middle ear] Avakian SM. **Vestn Otorinolaringol** (6):66–7, Nov–Dec 76 **(Rus)**

[Case of hemangioendothelioma of the heart] Firsov EF, et al. **Vestn Rentgenol Radiol** (2):92–4, Mar–Apr 76 **(Rus)**

BLOOD

Carcinogenicity of aflatoxin B1 in rhesus monkeys: two additional cases of primary liver cancer. Adamson RH, et al. **J Natl Cancer Inst** 57(1):67–78, Jul 76

BLOOD SUPPLY

Hepatic cavernous hemangiomas and hemangioendotheliomas in infancy. Stanley P, et al. **AJR** 129(2):317–21, Aug 77

CHEMICALLY INDUCED

The carcinogenic effect of dimethylnitrosamine on the Chinese hamster (Cricetulus griseus). Reznik G. **Cancer Lett** 1(1):25–8, Sep 75

Carcinogenicity of aflatoxin B1 in rhesus monkeys: two additional cases of primary liver cancer. Adamson RH, et al. **J Natl Cancer Inst** 57(1):67–78, Jul 76

Comparative carcinogenicity of 5-nitrothiophenes and 5-nitrofurans in rats. Cohen SM, et al.
J Natl Cancer Inst 57(2):277–82, Aug 76

Carcinogenic activity of petasitenine, a new pyrrolizidine alkaloid isolated from Petasites japonicus Maxim. Hirono I, et al. **J Natl Cancer Inst** 58(4):1155–7, Apr 77

Reduction of rat liver carcinogenicity of 4-nitrosomorpholine by alpha-deuterium substitution. Lijinsky W, et al.
J Natl Cancer Inst 57(6):1311–3, Dec 76

Carcinogenicity test of two unstaurated derivatives of

N-nitrosopiperdine in Sprague-Dawley rats. Lijinsky W, et al. **J Natl Cancer Inst** 57(6):1315-7, Dec 76

[Incidence of liver hemangioendothelioma in workers exposed to vinyl chloride for long periods] Schmidt K, et al. **Z Aerztl Fortbild (Jena)** 70(19):1020-2, 1 Oct 76 **(Ger)**

[Vinyl chloride disease (VC-disease)] Rübsaamen H. **ZFA (Stuttgart)** 52(30):1551-5, 31 Oct 76 **(Ger)**

COMPLICATIONS

Hemangioendotheliomatosis of the liver. A 12-year follow-up. Chowdhury AR, et al. **Gastroenterology** 72(1):157-60, Jan 77

Hemangioendothelioma of the pancreas obstructing the common bile duct and duodenum. Tunell WP. **J Pediatr Surg** 11(5):827-30, Oct 76

[Malignant endothelial vascular tumor with distal embolization (author's transl)] Leu HJ, et al. **Virchows Arch [Pathol Anat]** 371(2):153-9, 23 Aug 76 (Eng. Abstr.) **(Ger)**

[Hemorrhagic pancreatic cyst caused by pancreatic hemangioendothelioma complicated by digestive tract hemorrhage] Rudzki Z, et al. **Pol Tyg Lek** 31(46):1987-8, 15 Nov 76 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Gastric angioendothelioma: a cytologic evaluation. De Gaetani CF, et al. **Acta Cytol (Baltimore)** 21(2):306-9, Mar-Apr 77

Hepatic cavernous hemangiomas and hemangioendotheliomas in infancy. Stanley P, et al. **AJR** 129(2):317-21, Aug 77

Hepatic hemangioendothelioma. Angiographic appearance and apparent prednisone responsiveness. Jackson C, et al. **Am J Dis Child** 131(1):74-7, Jan 77

Multifocal malignant hemangioendothelioma presenting as acute hepatitis. A clinicopathologic study. Stein AM, et al. **Am J Gastroenterol** 67(4):370-4, Apr 77

Ventricular haemangioendothelioma diagnosed in life. Thompson DS, et al. **Br Heart J** 39(4):462-5, Apr 77

Malignant hemangioendothelioma (angiosarcoma). Rubin Z, et al. **Cutis** 17(5):950-3, May 76

Hemangioendotheliomatosis of the liver. A 12-year follow-up. Chowdhury AR, et al. **Gastroenterology** 72(1):157-60, Jan 77

Solitary neonatal hepatic hemangioendothelioma: case report and discussion. Sloane CE, et al. **Mt Sinai J Med NY** 44(2):234-40, Mar-Apr 77

Rare tumors of the orbit during childhood. Multiform glioblastoma, melanoma, cystic lymphangioma, hemangioendothelioma: 67ga scanning and anatomico-pathological aspects. Vannini A, et al. **Ophthalmologica** 173(6):463-85, 1976

Infantile hepatic hemangioendothelioma: a surviving case. Tewfik H, et al. **Radiology** 123(3):723-4, Jun 77

[3 cases of malignant hemangioendotheliomas of the liver] Borgeaud J, et al. **Helv Chir Acta** 43(5-6):557-60, Dec 76 **(Fre)**

[Case of sarcomatous arachnoendothelioma of the middle ear] Avakian SM. **Vestn Otorinolaringol** (6):66-7, Nov-Dec 76 **(Rus)**

[Case of hemangioendothelioma of the heart] Firsov EF, et al. **Vestn Rentgenol Radiol** (2):92-4, Mar-Apr 76 **(Rus)**

[Case for diagnosis] Bokonjić M, et al. **Med Arh** 29(2):129-32, Mar-Apr 75 **(Ser)**

DRUG THERAPY

Hepatic hemangioendothelioma. Angiographic appearance and apparent prednisone responsiveness. Jackson C, et al. **Am J Dis Child** 131(1):74-7, Jan 77

Central nervous system angioendothelosis. A treatable multiple infarct dementia. Reinglass JL, et al. **Stroke** 8(2):218-21, Mar-Apr 77

ETIOLOGY

Thorotrast-induced haemangioendothelial sarcoma--a lesson from the past. Quinlan MF, et al. **Aust NZ J Med** 6(4):329-35, Aug 76

Reduction of N-nitrosodiethylamine carcinogenesis in rats by lipotrope or amino acid supplementation of a marginally deficient diet. Rogers AE. **Cancer Res** 37(1):194-9, Jan 77

The hazards of thorotrast [editorial]. **Lancet** 1(8025):1297, 18 Jun 77

Investigations into human thorotrastosis. Tissue concentrations of 232-Th and late effects in 13 autopsy cases. Wegener K, et al. **Virchows Arch [Pathol Anat]** 371(2):131-43, 23 Aug 76

IMMUNOLOGY

Systemic angioendotheliomatosis: a possible disorder of a circulating angiogenic factor. Person JR. **Br J Dermatol** 96(3):329-31, Mar 77 (19 ref.)

MORTALITY

[Primary malignant liver tumors in Swedish children, 1965-74] Holmin T, et al. **Lakartidningen** 74(10):909-11, 9 Mar 77 (Eng. Abstr.) **(Swe)**

OCCURRENCE

Spontaneous tumors and common diseases in two colonies of Syrian hamsters. IV. Vascular and lymphatic systems and lesions of other sites. Pour P, et al. **J Natl Cancer Inst** 56(5):963-74, May 76

[Thyroid neoplasms before and after the prophylactic supplementation of table salt with iodine] Bubenhofer R, et al. **Schweiz Med Wochenschr** 107(21):733-41, 28 May 77 (Eng. Abstr.) **(Ger)**

[Primary malignant liver tumors in Swedish children, 1965-74] Holmin T, et al. **Lakartidningen** 74(10):909-11, 9 Mar 77 (Eng. Abstr.) **(Swe)**

PATHOLOGY

Gastric angioendothelioma: a cytologic evaluation. De Gaetani CF, et al. **Acta Cytol (Baltimore)** 21(2):306-9, Mar-Apr 77

Hepatic hemangioendothelioma. Angiographic appearance and apparent prednisone responsiveness. Jackson C, et al. **Am J Dis Child** 131(1):74-7, Jan 77

Multifocal malignant hemangioendothelioma presenting as acute hepatitis. A clinicopathologic study. Stein AM, et al. **Am J Gastroenterol** 67(4):370-4, Apr 77

Malignant angioendothelioma. Mehregan AH, et al. **Arch Dermatol** 112(11):1565-7, Nov 76

Ventricular haemangioendothelioma diagnosed in life. Thompson DS, et al. **Br Heart J** 39(4):462-5, Apr 77

Systemic angioendotheliomatosis: a possible disorder of a circulating angiogenic factor. Person JR. **Br J Dermatol** 96(3):329-31, Mar 77 (19 ref.)

Dowling oration 1976. Malignant vascular tumours. Jones EW. **Clin Exp Dermatol** 1(4):287-312, Dec 76 (65 ref.)

Nodular angioblastic hyperplasia with eosinophilia and lymphofolliculosis. Bendl BJ, et al. **Cutis** 19(3):327-9, Mar 77

Hemangioendotheliomatosis of the liver. A 12-year follow-up. Chowdhury AR, et al. **Gastroenterology** 72(1):157-60, Jan 77

Tumours of the soft tissues. Carter RL. **IARC Sci Publ** (5 Pt 1):151-67, 1973 (26 ref.)

Malignant angioendothelioma of the face. Mikhail GR, et al. **J Dermatol Surg Oncol** 3(2):181-3, Mar-Apr 77

Carcinogenicity of aflatoxin B1 in rhesus monkeys: two additional cases of primary liver cancer. Adamson RH, et al. **J Natl Cancer Inst** 57(1):67-78, Jul 76

Spontaneous tumors and common diseases in two colonies of Syrian hamsters. II. Respiratory tract and digestive system. Pour P, et al. **J Natl Cancer Inst** 56(5):937-48, May 76

Hemangioendothelioma of the mandible: report of case. Singh J, et al. **J Oral Surg** 35(8):673-4, Aug 77

Solitary neonatal hepatic hemangioendothelioma: case report and discussion. Sloane CE, et al. **Mt Sinai J Med NY** 44(2):234-40, Mar-Apr 77

Rare tumors of the orbit during childhood. Multiform glioblastoma, melanoma, cystic lymphangioma, hemangioendothelioma: 67ga scanning and anatomico-pathological aspects. Vannini A, et al. **Ophthalmologica** 173(6):463-85, 1976

Central nervous system angioendothelosis. A treatable multiple infarct dementia. Reinglass JL, et al. **Stroke** 8(2):218-21, Mar-Apr 77

[Malignant hemangioendothelioma of bone. Report of a case] Cayla J, et al. **Rev Rhum Mal Osteoartic** 44(5):354-8, May 77 **(Fre)**

[The malignant struma. Pathological anatomy and functional criteria] Thurner J, et al. **Fortschr Med** 94(15):879-87, 20 May 76 (Eng. Abstr.) **(Ger)**

[Malignant endothelial vascular tumor with distal embolization (author's transl)] Leu HJ, et al **Virchows Arch [Pathol Anat]** 371(2):153-9, 23 Aug 76 (Eng. Abstr.) **(Ger)**

[Goiter in an endemic area.With special reference to struma maligna (a morphological study)] Thurner J. **Wien Med Wochenschr** 126(16-17):234-42, 23 Apr 76 **(Ger)**

[Incidence of liver hemangioendothelioma in workers exposed to vinyl chloride for long periods] Schmidt K, et al. **Z Aerztl Fortbild (Jena)** 70(19):1020–2, 1 Oct 76 **(Ger)**

[Hemangioendothelioma of the larynx] Opanashchenko GA, et al. **Zh Vyssh Nerv Deiat** 26(4):112–3, Jun–Aug 76 **(Rus)**

[Infantile hemangioendothelioma of the liver in a 5-month-old infant (author's transl)] Konja J, et al. **Lijec Vjesn** 99(4):218–24, Apr 77 (Eng. Abstr.) **(Scr)**

RADIOGRAPHY

Hepatic cavernous hemangiomas and hemangioendotheliomas in infancy. Stanley P, et al. **AJR** 129(2):317–21, Aug 77

The radiological investigation of hepatic tumors in childhood. Miller JH, et al. **Radiology** 124(2):451–8, Aug 77

[Malignant hemangioendothelioma of bone. Report of a case] Cayla J, et al. **Rev Rhum Mal Osteoartic** 44(5):354–8, May 77 **(Fre)**

[Radiological pattern of primary malignant bone neoplasms of vascular origin (author's transl)] Kaczurba M. **Pol Przegl Radiol** 41(2):111–7, Mar–Apr 77 (Eng. Abstr.) **(Pol)**

RADIOTHERAPY

Infantile hepatic hemangioendothelioma: a surviving case. Tewfik H, et al. **Radiology** 123(3):723–4, Jun 77

SURGERY

Surgical approaches to primary and metastatic liver neoplasms. Starzl TE, et al. **Int J Radiat Oncol Biol Phys** 1(9–10):959–64, Sep–Oct 76

Malignant angioendothelioma of the face. Mikhail GR, et al. **J Dermatol Surg Oncol** 3(2):181–3, Mar–Apr 77

Hemangioendothelioma of the pancreas obstructing the common bile duct and duodenum. Tunell WP. **J Pediatr Surg** 11(5):827–30, Oct 76

Solitary neonatal hepatic hemangioendothelioma: case report and discussion. Sloane CE, et al. **Mt Sinai J Med NY** 44(2):234–40, Mar–Apr 77

Cysts and benign tumors of the liver. Walt AJ. **Surg Clin North Am** 57(2):449–64, Apr 77 (18 ref.)

[3 cases of malignant hemangioendothelioma of the liver] Borgeaud J, et al. **Helv Chir Acta** 43(5–6):557–60, Dec 76 **(Fre)**

[Indication for thyroidectomy in patients in the Bern area] Ghielmetti C. **Helv Chir Acta** 43(5–6):631–4, Dec 76**(Ger)**

[Treatment of malignant liver neoplasms] Shapkin VS, et al. **Khirurgiia (Mosk)** (11):90–3, Nov 76 (Eng. Abstr.) **(Rus)**

THERAPY

Renal infarction: a complication of gelfoam embolization of a hemangioendothelioma of the liver. Tegtmeyer CJ, et al. **Am J Roentgenol** 128(2):305–7, Feb 77

Malignant hemangioendothelioma (angiosarcoma). Rubin Z, et al. **Cutis** 17(5):950–3, May 76

Infantile hepatic hemangioendothelioma: a surviving case. Tewfik H, et al. **Radiology** 123(3):723–4, Jun 77

[Malignant hemangioendothelioma of bone. Report of a case] Cayla J, et al. **Rev Rhum Mal Osteoartic** 44(5):354–8, May 77 **(Fre)**

[Primary malignant liver tumors in Swedish children, 1965–74] Holmin T, et al. **Lakartidningen** 74(10):909–11, 9 Mar 77 (Eng. Abstr.) **(Swe)**

VETERINARY

Malignant haemangioendothelioma (angiosarcoma) in the dog. Pearson GR, et al. **J Small Anim Pract** 17(11):737–45, Nov 76

HEMANGIOMA

Nevus anemicus. Donor-dominant defect. Daniel RH, et al. **Arch Dermatol** 113(1):53–6, Jan 77

Dermatoses in geriatric patients. Kelly R. **Aust Fam Physician** 6(1):36, 38–41, 43–4, PASSIM, Jan 77

Haemangioma. Tan R. **Br J Dermatol** 97 Suppl 15:62, Jul 77

Hemangioma of the extensor pollicis longus: a case history. Godsick PA, et al. **Bull Hosp Joint Dis** 37(2):172–6, Oct 76

The skin in childhood. Jacobs AH. **Hosp Pract** 12(8):91–112, Aug 77

Central hemangioma of the maxilla. Azaz B, et al. **Int J Oral Surg** 5(5):240–4, Oct 76

Spinal vascular malformation. Ghosh BB, et al. **J Indian Med Assoc** 67(8):184–5, 16 Oct 76

Angiolipoma of the hard palate: a case report and review of the literature. Davis GB, et al. **J Maxillofac Surg** 4(4):242–4, Dec 76

Subglottic hemangioma. Leikensohn JR, et al. **J Otolaryngol** 5(6):487–92, Dec 76

Angiomyolipoma: diagnosis and treatment. Walker DE, et al. **J Urol** 116(6):712–4, Dec 76

Tufted Haemangioma. Scott OL. **Proc R Soc Med** 70(4):283, Apr 77

Intramuscular hemangioma of the neck. Briggs DR, et al. **Trans Am Acad Ophthalmol Otolaryngol** 84(1):148–51, Jan–Feb 77

Perivenous angiolipoma of the internal jugular vein. Putney FJ, et al. **Trans Am Acad Ophthalmol Otolaryngol** 84(1):105–7, Jan–Feb 77

Pathogenetic and clinical observations in spinovascular insufficiency. Zülch KJ. **Zentralbl Neurochir** 37(1):1–13, 1976

[Intraneural hemangioma in peripheral nerves] Larsen EH, et al. **Ugeskr Laeger** 139(17):1006–7, 25 Apr 77 (Eng. Abstr.) **(Dan)**

[Hemangioma of the mandible and clavicle] Sorensen VK, et al. **Ugeskr Laeger** 139(9):526–8, 28 Feb 77 (Eng. Abstr.) **(Dan)**

[Localized hemangioma of the bronchial trunk of the left lung in a 2-month-old infant] Lesbros D, et al. **Arch Fr Pediatr** 33(G):895–903, Nov 76 (Eng. Abstr.) **(Fre)**

[Renal heamangioma (author's transl)] Jimenez JF, et al. **J Urol Nephrol (Paris)** 83(1–2):31–40, Jan–Feb 77 (Eng. Abstr.) **(Fre)**

[Renal angiomyolipomas. 9 cases (author's transl)] Mazeman E, et al. **J Urol Nephrol (Paris)** 83(1–2):1–30, Jan–Feb 77 (Eng. Abstr.) **(Fre)**

[Angioma of the hand] Banzet P. **Phlebologie** 29(1):17–21, Jan–Mar 76 **(Fre)**

[Angiomas in infants] Gross P. **Rev Infirm** 27(7):601–5, Jul–Sep 77 **(Fre)**

[Angioma of the kidney] Khadri C. **Tunis Med** 55(1):33, Feb 77 **(Fre)**

[Hemangioma of the olecranon] Schlenzka D, et al. **Beitr Orthop Traumatol** 23(9):505–8, Sep 76 **(Ger)**

[Hemangioma simplex of the larynx in an infant (author's transl)] Burian K, et al. **Paediatr Paedol** 11(4):639–42, 1976 (Eng. Abstr.) **(Ger)**

[Configurations of neoplasms of oral cavity and the face (2)] Kempfle B. **Quintessenz** 26(5):93–100, May 75 **(Ger)**

[Chorioangioma (report of 3 cases)] De Virgiliis G, et al. **Ann Ostet Ginecol Med Perinat** 98(1):53–8, Jan–Feb 77 (Eng. Abstr.) **(Ita)**

[Intramuscular hemangioma. A clinicopathologic observation (author's transl)] Hashimoto H, et al. **Fukuoka Acta Med** 67(12):473–83, 25 Dec 76 (Eng. Abstr.) **(Jpn)**

[Penoscrotal hemangioma] Neto NR Jr, et al. **AMB** 22(7):256, Jul 76 (Eng. Abstr.) **(Por)**

[Liver hemangioma in a 3-month-old child] Stavskaia EA, et al. **Vestn Khir** 117(8):73–4, Aug 76 **(Rus)**

[Hemangioma of the synovial membrane of the knee joint] Zvantseva VA. **Vestn Khir** 117(8):52–5, Aug 76 (Eng. Abstr.) **(Rus)**

[Case of hemangioma of the nasal cavity] Nikolaev MP, et al. **Vestn Otorinolaringol** (3):97–8, May–Jun 77 **(Rus)**

[Case of cavernous angioma of the heart] Kulik II, et al. **Vrach Delo** (12):32–3, Dec 76 **(Rus)**

[Hemangioma of the heart] Vizir AD, et al. **Vrach Delo** (4):87–9, Apr 76 **(Rus)**

[Blue rubber bleb nevus (author's transl)] Amat L, et al. **An Esp Pediatr** 10(1):75–80, Jan 77 (Eng. Abstr.) **(Spa)**

[Kassaback-Merrit syndrome in diffuse mesenteric engiomatosis and giant splenomegaly] Vicente García V, et al. **Rev Med Univ Navarra** 18(3–4):178–84, Sep–Dec 74 **(Spa)**

[Klippel–Trénaunay–Weber syndrome (KTWS)--clinical classification of pathophysiologically separate diseases] Aschberg S, et al. **Lakartidningen** 74(7):563–5, Feb 77 (Eng. Abstr.) **(Swe)**

BLOOD

[Giant hemangioma with thrombopenia: Kasabach–Merritt syndrome] Pilotti G, et al. **Minerva Pediatr** 28(14):849–55, 21 Apr 76 **(Ita)**

[Fibrinolysis of the blood in patients with different forms of hemangioma of the maxillofacial area] Kosorukova NIa. **Vestn Akad Med Nauk SSSR** (1):59–65, 1977 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

Angiography in vascular malformations of the face. Bradac GB, et al. **AJR** 129(3):469–75, Sep 77

Nevus anemicus. Donor-dominant defect. Daniel RH, et al. **Arch Dermatol** 113(1):53–6, Jan 77

Spinal epidural angiomatous malformations draining into intrathecal veins. Kendall BE, et al. **Neuroradiology** 13(4):181–9, 27 Jun 77

Arteriography of peripheral hemangiomas. Levin DC, et al. **Radiology** 121(3 Pt. 1):625–30, Dec 76

Parasitic lumbar arterial blood supply in renal angiomyolipoma. Hyman RA, et al. **Urology** 8(6):629–33, Dec 76

[The value of infrared angiography with indocyanine green in the clinical diagnosis of angiomas of the choroid (anatomo-clinical report)] Bonnet M, et al. **Bull Soc Ophtalmol Fr** 76(7–8):713–6, Jul–Aug 76 (Eng. Abstr.) **(Fre)**

[Vascular exploration of tumors of the kidney] Grasset D. **J Urol Nephrol (Paris)** 82(7–8):648–54, Jul–Aug 76 **(Fre)**

CHEMICALLY INDUCED

Toxic and carcinogenic effects of nitrosodimethylamine in mink. Koppang N, et al. **IARC Sci Publ** (14):443–52, 1976

Tumorigenicity of tetramethylhydrazine hydrochloride in Swiss mice. Toth B, et al. **J Natl Cancer Inst** 57(5):1179–83, Nov 76

CLASSIFICATION

Benign hemangiomyoma of the uterus. Bowers VM Jr, et al. **Obstet Gynecol** 49(1 suppl):38–40, Jan 77

Compression treatment of hemangiomas: Commentary. Morris WJ. **Plast Reconstr Surg** 58(6):714–5, Dec 76

The WHO classification of bone tumors. Sissons HA. **Recent Results Cancer Res** (54):104–8, 1976

[Angioma of the hand] Banzet P. **Phlebologie** 29(1):17–21, Jan–Mar 76 **(Fre)**

[Angiomas in infants] Gross P. **Rev Infirm** 27(7):601–5, Jul–Sep 77 **(Fre)**

[Benign renal parenchymae tumors with special reference to angiomyolipoma] Tschochner H-J. **Z Aerztl Fortbild (Jena)** 70(6):280–4, 15 Mar 76 **(Ger)**

COMPLICATIONS

Atypical rubeosis iridis in congenital cyanotic heart disease. Report of a case with microhaemangiomas at the pupillary margin causing spontaneous hyphaemas. Krarup JC. **Acta Ophthalmol (Kbh)** 55(4):581–5, Aug 77

A spinal arteriovenous malformation with hereditary cutaneous hemangiomas. Kaplan P, et al. **Am J Dis Child** 130(12):1329–31, Dec 76

The liver in hereditary hemorrhagic telangiectasia (Osler-Weber-Rendu disease). Daly JJ, et al. **Am J Med** 60(5):723–6, 10 May 76

Multiple endocrine adenomas in a patient with the Maffucci syndrome. Schnall AM, et al. **Am J Med** 61(6):952–6, Dec 76

Massive hemangiomas and lymphangiomas causing dystocia [letter]. Nelson LM, et al. **Am J Obstet Gynecol** 126(8):1044–5, 15 Dec 76

Refractive errors associated with hemangiomas of the eyelids and orbit in infancy. Robb RM. **Am J Ophthalmol** 83(1):52–8, Jan 77

Cutaneous and hepatic haemangiomata. Robinson D, et al. **Arch Dis Child** 52(2):155–7, Feb 77

Perforating diathermy coagulation for retinal angiomas. Cardoso RD, et al. **Arch Ophthalmol** 94(10):1702–15, Oct 76

Primary biliary cirrhosis with unusual vascular skin changes. Harman RR. **Br J Dermatol** 97 Suppl 15:62–4, Jul 77

Maffucci's syndrome: amesenchymal dysplasia and multiple tumour syndrome. Loewinger RJ, et al. **Br J Dermatol** 96(3):317–22, Mar 77

Microhaemangiomas of the iris with spontaneous hyphaema and acute glaucoma. Perry HD, et al. **Br J Ophthalmol** 61(2):114–6, Feb 77

Occlusion of the left main coronary artery secondary to left ventricular angioma. Oglietti J, et al. **Chest** 70(4):542–4, Oct 76

[Congenital venous dysplasia of the right lower limb associated with Kasabach-Merritt syndrome in a 14 year old child. Successive destruction of the knee and hip. Conservative treatment] Bergoin M, et al. **Chirurgie** 102(1):68–75, 14–28 Jan 76 (Eng. Abstr.)

Congenital stridor in infancy. Clinical lessons derived from a survey of 31 instances. Kahn A, et al. **Clin Pediatr (Phila)** 16(1):19–26, Jan 77

Stridor in the first year of life. The clinical evaluation of the persistent or intermittent noisy breather. Quinn-Bogard AL, et al. **Clin Pediatr (Phila)** 16(10):913–9, Oct 77

Recurrent multiple pyogenic granuloma with multiple satellites. Features of Masson's hemangioma. Fisher I. **Cutis** 20(2):201–5, Aug 77

Intention and action myoclonus from thalamic angioma. Report of a case. Avanzini G, et al. **Eur Neurol** 15(4):194–202, 1977

Portal hypertension and esophageal varices in hemangiomatosis of the spleen. Pitlik S, et al. **Gastroenterology** 72(5 Pt 1):937–40, May 77

Hemangiomas of the cecum. Colonoscopic diagnosis and therapy. Rogers HG, et al. **Gastroenterology** 71(6):1079–82, Dec 76

A cutaneous and plevic lymphangioma with varices, lymphangiomas and capillary hemangiomas of the rectosigmoid colon Blackstone MO, et al. **Gastrointest Endosc** 23(1):39–41, Aug 76

The angiographic appearance of renal angiomyolipoma and problems of its preoperative diagnosis. Kelemen J, et al. **Int Urol Nephrol** 8(1):27–40, 1976

Tumor conference No. 9. Massive hemangioma with pharyngeal involvement. Kopf AW, et al. **J Dermatol Surg** 2(5):373–7, Nov 76

Intestinal hemangioma with intussception in infancy. Boulis MN, et al. **J Med Soc NJ** 74(9):775–6, Sep 77

Subglottic hemangioma. Leikensohn JR, et al. **J Otolaryngol** 5(6):487–92, Dec 76

Vitamin D-resistant rickets associated with epidermal nevus syndrome: demonstration of a phosphaturic substance in the dermal lesions. Aschinberg LC, et al. **J Pediatr** 91(1):56–60, Jul 77

Giant hemangioma with consumption coagulopathy: sustained response to heparin and radiotherapy [letter] Carnelli V, et al. **J Pediatr** 91(3):504–5, Sep 77

Complicated giant hemangioma: excision using cardiopulmonary bypass and deep hypothermia. Little KE, et al. **J Pediatr Surg** 11(4):533–6, Aug 76

Renal angiomyolipoma: a study of 13 cases. Barrilero AE. **J Urol** 117(5):547–52, May 77

Calcification in an angiomyolipoma: a case report. Deeths TM, et al. **J Urol** 114(4):613–4, Oct 75

Klippel-Trenaunay syndrome associated with urinary tract hemangiomas. Klein TW, et al. **J Urol** 114(4):596–600, Oct 75

Management of hemorrhage secondary to renal angiomyolipoma with selective arterial embolization. Moorhead JD, et al. **J Urol** 117(1):122–3, Jan 77

Angiomatous osteolysis of the skull vault. Fine RD, et al. **Med J Aust** 2(23):867–9, 4 Dec 76

Calcified intramedullary aneurysm in spinal angioma. Deeb ZL, et al. **Neuroradiology** 14(1):1–3, 25 Aug 77

Kasabach-Merritt syndrome with terminal gram negative infection. Ogle J, et al. **NZ Med J** 83(566):441–2, 23 Jun 76

Spinal cord compression by vertebral hemangioma. Paige ML, et al. **Pediatr Radiol** 6(1):43–5, 25 Jul 77

Diffuse intravascular coagulation in association with myocardial infarction and multiple angiolipomata. Rustin GJ. **Postgrad Med J** 53(618):228–9, Apr 77

Intraperitoneal and retroperitoneal hemorrhage. McCort JJ. **Radiol Clin North Am** 14(3):391–405, Dec 76

Hemangioma of fifth cervical vertebra with intermittent spinal cord dysfunction. Krieger AJ. **South Med J** 70(8):1008–10, Aug 77

Spinal epidural hematoma due to hemangioma of vertebra. Kosary IZ, et al. **Surg Neurol** 7(2):61–2, Feb 77

Massive bleeding from angiomyolipoma of the kidney. Lalani II. **Tex Med** 73(1):61–6, Jan 77

Dacryohemorrhea: the phenomenon of tears of blood. Awan KJ. **Va Med Mon** 103(9):643–5, Sep 76

[Multiple angioleiomyomas of both lungs. Probable hamartomatous tumors. Very late death due to respiratory insufficiency] Renault P, et al. **Ann Med Interne (Paris)** 127(2):91–6, Feb 76 (Eng. Abstr.) **(Fre)**

[Hysterical syndrome masking the signs of onset of an intracranial hemorrhage caused by an angioma] Scherrer P, et al. **Ann Med Psychol (Paris)** 2(3):486–93, Oct 76 **(Fre)**

[Management of severe epistaxis caused by so-called vascular or hypervascular tumors] Fleury P, et al. **Ann Otolaryngol Chir Cervicofac** 93(1–2):67–78, Jan–Feb 76 (Eng. Abstr.) **(Fre)**

[Case of dacryohemorrhysis] Legrand J, et al. **Bull Soc Ophtalmol Fr** 76(4):307–8, Apr 76 **(Fre)**

[Bourneville's tuberous sclerosis with multiple manifestations]

Mizon JP, et al. **Lille Med** 22(5):325–8, May 77 **(Fre)**
[Renal insufficiency in the course of phacomatosis (letter)] Youinou P, et al. **Nouv Presse Med** 5(29):1835, 11 Sep 76 **(Fre)**
[Therapeutic indications in 4 cases of hemangioma] Marmasse J. **Phlebologie** 29(1):49–54, Jan–Mar 76 (Eng. Abstr.) **(Fre)**
[Association of angiomas and osseous abnormalities excluding Klippel–Trenaunay disease] Van der Molen HR. **Phlebologie** 29(1):25–32, Jan–Mar 76 (Eng. Abstr.) **(Fre)**
Kasabach–kasabach– Vergoz D, et al. **Phlebologie** 29(1):33–7, Jan–Mar 76 (Eng. Abstr.) **(Fre)**
[Tumoral hemangioma of the mediastinum in Osler–Rendu disease. Course followed for 17 years] Kissel P, et al. **Sem Hop Paris** 52(38):2159–60, 9 Nov 76 **(Fre)**
[Morbus Menière and acousticus–neurinoma (author's transl)] Fisch U. **Arch Otorhinolaryngol (NY)** 212(4):363–7, 16 Sep 76 (Eng. Abstr.) **(Ger)**
[Oculocerebral garland angioma combined with hemihypertrophy of the left leg, linear sebaceous nevus and multiple bone cysts. Report on a never before described phakomatosis] Damaske E. **Ber Dtsch Ophthalmol Ges** 74:856–62, 1977 **(Ger)**
[Giant serous retinal detachment with a large tumor of unknown etiology] Schneider VI, et al. **Ber Dtsch Ophthalmol Ges** 74:836–40, 1977 **(Ger)**
[An interesting appendectomy. Hemorrhage due to subserous hemangioma of the appendiceal tip resembling appendicitis] Kahl C. **Chirurg** 48(3):189–90, Mar 77 **(Ger)**
['Lublin syndrome'. A case of generalized haemangiomatosis of the skin, and hydrocephalus (author's transl)] Vadász G, et al. **Monatsschr Kinderheilkd** 124(10):717–9, Oct 76 (Eng. Abstr.) **(Ger)**
[Wide–spread haemangioma racemosum of the mediastinum associated with paresis of the diaphragm; a finding to be considered in the differential diagnosis of the arteriovenous aneurysm of the thorax (author's transl)] Hammerer I, et al. **Paediatr Paedol** 12(1):63–72, 1977 (Eng. Abstr.) **(Ger)**
[Irradiation therapy of vertebral angionomas: results in 62 patients during the years 1939 to 1975 (author's transl)] Glanzmann C, et al. **Strahlentherapie** 153(8):522–5, Aug 77 (Eng. Abstr.) **(Ger)**
[Cerebral attacks (syncoptic, diacoptic and epileptic reactions)] Sauter R. **Verh Dtsch Ges Inn Med** 82 Pt 1:536–41, 1976 **(Ger)**
[Giant hemangioma with thrombopenia: Kasabach–Merritt syndrome] Pilotti G, et al. **Minerva Pediatr** 28(14):849–55, 21 Apr 76 **(Ita)**
[A case of renal angiolipoleiomyosarcoma associated with Bourneville's tuberous sclerosis] Cocito PL, et al. **Minerva Urol** 28(5):253–64, SEP–OCT 76 **(Ita)**
[Renal angioma associated with multiple renal malformations. Observations on a case] Quaglia C, et al. **Minerva Urol** 28(2–3):94–101, Mar–Apr 76 (Eng. Abstr.) **(Ita)**
[Serial cerebral angiography of late onset epilepsy] Gega FA, et al. **Brain Nerv** 28(3):293–300, Mar 76 (Eng. Abstr.) **(Jpn)**
[Cerebellar hemangioblastoma with multiple aneurysms] Yoshii Y, et al. **Brain Nerv** 28(7):703–8, Jul 76 (Eng. Abstr.) **(Jpn)**
[Case of renal hamartoma (angiomyolipoma) revealed by retroperitoneal hemorrhage] Tamakawa Y, et al. **Jpn J Clin Radiol** 21(5):441–4, Apr 76 **(Jpn)**
[A surgical treatment of macrocheilia due to hemangioma of the lip (author's transl)] Furukawa T, et al. **Jpn J Oral Surg** 20(1):59–64, 1974 **(Jpn)**
[Successful treatment of severe Kasabach–Merritt syndrome with consumption coagulopathy] Wójtowicz M, et al. **Pediatr Pol** 51(10):1229–32, Oct 76 **(Pol)**
[Protracted obstructive jaundice caused by intraorganic liver angiomas] Postovit VA, et al. **Klin Med (Mosk)** 54(6):111–4, Jun 76 **(Rus)**
[Intra–abdominal bleeding in a newborn due to multiple microscopic subcapsular angiomas of the spleen] Sednev NA, et al. **Vestn Khir** 118(4):90–1, Apr 77 **(Rus)**

CONGENITAL

Hemodynamic influence of multiple congenital arteriovenous fistulas. Report of a case. Björkholm M, et al **Acta Med Scand** 200(4):333–5, 1976
Massive hemangiomas and lymphangiomas causing dystocia [letter]. Nelson LM, et al. **Am J Obstet Gynecol** 126(8):1044–5, 15 Dec 76
Retinitis pigmentosa associated with nevus flammeus and unilateral glaucoma. Maul ED, et al. **Ann Ophthalmol** 9(5):603–5, May 77
Neonatal oncology. Bertolone S. **Pediatr Clin North Am** 24(3):585–98, Aug 77 (75 ref.)
[Adrenal cysts in the newborn. Apropos of 2 cases] Babin JP, et al. **Arch Fr Pediatr** 34(2):130–42, Feb 77 (Eng. Abstr.) **(Fre)**
[Histogenesis and mechanism of regression of congenital cutaneous angiomas in children (electron–microscopic study)] Lebkova NP, et al. **Arkh Patol** 39(3):44–51, 1977 (Eng. Abstr.) **(Rus)**
[Congenital subplical hemangioma of the larynx and trachea in an infant] Tidir AA, et al. **Zh Ushn Nos Gorl Bolezn** (1):98–100, Jan–Feb 76 **(Rus)**

DIAGNOSIS

Critical appraisal of angioscintigraphy as a diagnostic procedure in cerebrovascular disease. Spincemaille G, et al. **Acta Neurol Belg** 77(3):163–80, May–Jun 77
Hemangioma thrombocytopenia syndrome. A case masquerading as an encephalocele. Orenstein DM, et al. **Am J Dis Child** 131(6):680–1, Jun 77
Small chorioangiomas and small–for–gestational age baby. Mahmood K. **Am J Obstet Gynecol** 127(4):440–2, 15 Feb 77
Subglottic hemangioma. Lee MH, et al. **Anesthesiology** 45(4):459–62, Oct 76
Standardized a–scan echographic diagnosis of choroidal malignant melanomas. Hodes BL, et al. **Arch Ophthalmol** 95(4):593–7, Apr 77
A case report of a negative 32P test in a histologically proven choroidal hemangioma. Hoskins JC, et al. **Arch Ophthalmol** 95(3):438–9, Mar 77
Juvenile nasopharyngeal angiofibroma. An unusual presentation as an oral mass. Krutchkoff DJ, et al. **Arch Otolaryngol** 103(9):553–6, Sep 77
Acoustic tumor detection with brain stem electric response audiometry. Selters WA, et al. **Arch Otolaryngol** 103(4):181–7, Apr 77
Maffucci's syndrome: amesenchymal dysplasia and multiple tumour syndrome. Loewinger RJ, et al. **Br J Dermatol** 96(3):317–22, Mar 77
Hemangioma of the extensor pollicis longus: a case history. Godsick PA, et al. **Bull Hosp Joint Dis** 37(2):172–6, Oct 76
A–mode echography in the diagnosis of uveal disease. Soriano H. **Can J Ophthalmol** 12(2):157–61, Apr 77
Tumors of the genital tract in childhood and adolescence. Dewhurst CJ. **Clin Obstet Gynecol** 20(3):595–606, Sep 77
An unusual presentation of pigmented villonodular synovitis. Lindenbaum BL, et al. **Clin Orthop** (122):263–7, Jan–Feb 77
Manifestations of subdural and epidural hematomas on gamma imaging. Sy WM. **CRC Crit Rev Clin Radiol Nucl Med** 8(4):391–468, Jan 77
Thrombocytopenia in infancy: an evaluation of 53 patients. Cohn J. **Dan Med Bull** 23(5):245–8, Oct 76
Solitary hepatic hemangioma in a newborn infant complicated by cardiac failure, consumption coagulopathy, microangiopathic hemolytic anemia, and obstructive jaundice. Case report and review of the literature. Linderkamp O, et al. **Eur J Pediatr** 124(1):23–9, 9 Dec 76
Intention and action myoclonus from thalamic angioma. Report of a case. Avanzini G, et al. **Eur Neurol** 15(4):194–202, 1977
Hemangiomas of the cecum. Colonoscopic diagnosis and therapy. Rogers HG, et al. **Gastroenterology** 71(6):1079–82, Dec 76
Case report: advisability of full diagnostic investigations before stereotactic ablation of an epileptogenic focus to exclude an intracranial tumor or an angioma. pp. 573–6. Nittner K, et al.
In: Sweet WH, et al., ed. Neurosurgical treatment in psychiatry, pain, and epilepsy. Baltimore, Univ Park Press, 1977. W3 WO5384 1975n.
Central hemangioma of the maxilla. Azaz B, et al. **Int J Oral Surg** 5(5):240–4, Oct 76
The management of choroidal tumors. Kelley JS. **Int Ophthalmol Clin** 17(2):191–204, Summer 77
Ultrasonic presurgical diagnosis in Ophthalmology. Wainstock MA. **Int Surg** 62(5):314–6, May 77 (6 ref.)
Neurocutaneous syndromes: pheochromocytomas associated with von Hippel–Lindau syndrome. Lee KR, et al. **J Kans Med Soc** 78(3):120–1, 142, Mar 77
Skull tumor simulating sinus pericranii. Case report. Manaka S, et al. **J Neurosurg** 46(5):671–3, May 77
Subglottic hemangioma. Leikensohn JR, et al. **J Otolaryngol** 5(6):487–92, Dec 76
Hemangioma of the testis in an infant. D'Esposito RF, et al. **J Urol** 116(5):677–8, Nov 76
Capillary hemangioma of the male urethra: case report with literature review. Manuel ES, et al. **J Urol** 117(6):804, Jun 77

Angiomyolipoma: diagnosis and treatment. Walker DE, et al. **J Urol** 116(6):712–4, Dec 76

Ultrasound demonstration of a 1.5 cm intrarenal angiomyolipoma. Duffy P, et al. **JCU** 5(2):111–3, Apr 77

Case for diagnosis. Oldmixon WJ. **Milit Med** 142(6):434, 453, Jun 77

B–scan ultrasonography of lesions simulating choroidal melanomas. Shields JA, et al. **Mod Probl Ophthalmol** 18:57–63, 1977

Diagnosis of malignant ocular tumours with radioactive phosphorus (32P). Dijk RA, et al. **Ophthalmologica** 173(3–4):168–70, 1976

Parapharyngeal space and salivary gland neoplasms. Work WP. **Otolaryngol Clin North Am** 10(2):421–6, Jun 77

External diseases of the eye. Frey T. **Pediatr Ann** 6(1):49–87, Jan 77

Brain tumors of mixed tissue origin: staining procedures to distinguish glial from connective tissue. Hahn JF, et al. **South Med J** 70(5):539–42, May 77

Clinical experience with presumed hemangioma of the choroid: radioactive phosphorus uptake studies as an aid in differential diagnosis. Jarrett WH 2d, et al. **Trans Am Acad Ophthalmol Otolaryngol** 81(5):862–70, Sep–Oct 76

Lipofuscin pigment over benign and malignant choroidal tumors. Shields JA, et al. **Trans Am Acad Ophthalmol Otolaryngol** 81(5):871–81, Sep–Oct 76

Vascular anomalies and neoplasms of the optic nerve head. Henkind P, et al. **Trans Ophthalmol Soc UK** 96(3):418–23, Sep 76

Parasitic lumbar arterial blood supply in renal angiomyolipoma. Hyman RA, et al. **Urology** 8(6):629–33, Dec 76

[Multiple angioleiomyomas of both lungs. Probable hamartomatous tumors. Very late death due to respiratory insufficiency] Renault P, et al. **Ann Med Interne (Paris)** 127(2):91–6, Feb 76 (Eng. Abstr.) **(Fre)**

[Subglottic angioma of children. Apropos of 7 cases] Desnos J, et al. **Ann Otolaryngol Chir Cervicofac** 93(3):194–203, Mar 76 **(Fre)**

[Diagnosis of intracranial tumors] Plagne R, et al. **Neurochirurgie** 22(4):311–34, 1976 (45 ref.) **(Fre)**

[Use of Doppler ultrasound in the examination of the extent of venous angiomas] Van Der Molen HR. **Phlebologie** 29(1):9–15, Jan–Mar 76 (Eng. Abstr.) **(Fre)**

[Diffuse angiomatoses of bones. 1 case with osteonecrosis of humerus head osteonecrosis] Rondier J, et al. **Rev Rhum Mal Osteoartic** 44(5):347–53, May 77 **(Fre)**

[Plurifocal angiomyolipoma of the kidney revealed by severe hemorrhage] Boiselle JC, et al. **Sem Hop Paris** 52(40):2295–6, 23 Nov 76 **(Fre)**

[Hemagiomas of the colon. Apropos of nonhemorrhagic tumorous hemangioma of the cecum] Pradel E, et al. **Sem Hop Paris** 52(7):429–33, 16 Feb 76 **(Fre)**

[Angioma of the kidney] Khadri C. **Tunis Med** 55(1):33, Feb 77 **(Fre)**

[Giant serous retinal detachment with a large tumor of unknown etiology] Schneider VI, et al. **Ber Dtsch Ophthalmol Ges** 74:836–40, 1977 **(Ger)**

[Vascular malformations of the spinal cord. Diagnosis and therapy] Olteanu–Nerbe V. **Fortschr Med** 94(11):601–8, 15 Apr 76 (Eng. Abstr.) **(Ger)**

[Retinal hemangiomas] Speiser P. **Fortschr Med** 94(15):907–9, 20 May 76 (Eng. Abstr.) **(Ger)**

[Combined A– and B–scan echography of the eye (author's transl)] Bigar F, et al. **Klin Monatsbl Augenheilkd** 170(1):24–32, Jan 77 (Eng. Abstr.) **(Ger)**

[Cranial axial computerized tomography in children (author's transl)] Grumme T, et al. **Monatsschr Kinderheilkd** 124(11):751–62, Nov 76 (Eng. Abstr.) **(Ger)**

[Heart tumors] Schmitz W. **Munch Med Wochenschr** 119(18):633–4, 6 May 77 **(Ger)**

[Wide–spread haemangioma racemosum of the mediastinum associated with paresis of the diaphragm; a finding to be considered in the differential diagnosis of the arteriovenous aneurysm of the thorax (author's transl)] Hammerer I, et al. **Paediatr Paedol** 12(1):63–72, 1977 (Eng. Abstr.) **(Ger)**

[Multiple giant hepatic hemangiomas] Kadmon D, et al. **Harefuah** 90(10):470–3, 16 May 76 (Eng. Abstr.) **(Heb)**

[Exceptional variant of the Sturge–Weber disease: intracranial angioblastic meningioma and skin hemangioma presenting as a 'sneak lesion'] Costa A. **Arch De Vecchi Anat Patol** 61(1):77–87, Apr 76 **(Ita)**

[Clinical contribution on the Kasabach–Merritt syndrome] Ciardini A, et al. **Minerva Pediatr** 29(14):1017–20, 21 Apr 77 (Eng. Abstr.) **(Ita)**

[Hepatic hemangioma with peculiar findings in the hepatic radioisotope angiogram and blood pool scintigram] Aburano T, et al. **Jpn J Clin Radiol** 21(6):535–8, May 76 **(Jpn)**

[Aneurysmal bone cyst of the frontal bone (author's transl)] Ishiguro S, et al. **Neurol Surg (Tokyo)** 5(5):453–6, May 77 (Eng. Abstr.) **(Jpn)**

[Liver hemangioma in a 3–month–old child] Stavskaia EA, et al. **Vestn Khir** 117(8):73–4, Aug 76 **(Rus)**

[Hemangioma of the synovial membrane of the knee joint] Zvantseva VA. **Vestn Khir** 117(8):52–5, Aug 76 (Eng. Abstr.) **(Rus)**

[Hemangioma of the nasal bones] Krivobok BI. **Vestn Otorinolaringol** (2):96–7, Mar–Apr 77 **(Rus)**

[Case of hemangioma of the nasal cavity] Nikolaev MP, et al. **Vestn Otorinolaringol** (3):97–8, May–Jun 77 **(Rus)**

[Racemous pseudotumorours angioma of the epicranium manifested as dysraphic edema of the head] Mirčevska D, et al. **God Zb Med Fak Skopje** 22:439–13, 1976 (Eng. Abstr.) **(Scc)**

[Hemangioma of the paranasal sinuses in the material of the ORL clinic in Skopje during 1970–1975] Mladenovska G, et al. **God Zb Med Fak Skopje** 22:267–73, 1976 **(Scc)**

[Placental hemangioma] Costero C, et al. **Ginecol Obstet Mex** 40(242):451–6, Dec 76 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Subglottic hemangioma. Lee MH, et al. **Anesthesiology** 45(4):459–62, Oct 76

Cutaneous and hepatic haemangiomata. Robinson D, et al. **Arch Dis Child** 52(2):155–7, Feb 77

Tumor conference No. 9. Massive hemangioma with pharyngeal involvement. Kopf AW, et al. **J Dermatol Surg** 2(5):373–7, Nov 76

Treatment of hemangiomas in pediatric patients with prednisolone. Sutthiwan P. **J Med Assoc Thai** 59(8):363–72, Aug 76

Sodium tetradecyl sulfate treatment of benign vascular anomalies. Goebel WM, et al. **J Oral Med** 31(3):76–80, Jul–Sep 76

Giant hemangioma with consumption coagulopathy: sustained response to heparin and radiotherapy [letter] Carnelli V, et al. **J Pediatr** 91(3):504–5, Sep 77

Steroid treatment of an orbital or periocular hemangioma. Steahly LP, et al. **J Pediatr Ophthalmol** 14(1):35–7, Jan–Feb 77

Complicated giant hemangioma: excision using cardiopulmonary bypass and deep hypothermia. Little KE, et al. **J Pediatr Surg** 11(4):533–6, Aug 76

Kasabach–kasabach– Vergoz D, et al. **Phlebologie** 29(1):33–7, Jan–Mar 76 (Eng. Abstr.) **(Fre)**

[Local treatment of angiomas with corticoids (author's transl)] Poquet Tormos J, et al. **An Esp Pediatr** 9(8):7–12, Nov 76 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Atypical rubeosis iridis in congenital cyanotic heart disease. Report of a case with microhaemangiomas at the pupillary margin causing spontaneous hyphaemas. Krarup JC. **Acta Ophthalmol (Kbh)** 55(4):581–5, Aug 77

Nevus anemicus. Donor–dominant defect. Daniel RH, et al. **Arch Dermatol** 113(1):53–6, Jan 77

Nasal hemangiomas of pregnancy. Shallit JB, et al. **Ear Nose Throat J** 56(9):377–9, Sep 77

Coats' disease and congenital vascular retinopathy. Campbell FP. **Trans Am Ophthalmol Soc** 74:365–424, 1977

[Giant osteohypoplastic angioma venosum with hemodynamic repercussion and consumption coagulopathy] Moulin G, et al. **Ann Dermatol Venereol** 104(6–7):479–81, Jun–Jul 77 **(Fre)**

[Radiological relationships in the tuberous sclerosis complex of symptoms (Pringle–Bourneville's syndrome)] Kelemen J, et al. **Z Hautkr** 52(15):791–803, 1 Aug 77 **(Ger)**

[Retroperitoneal bleeding in the differential diagnosis of acute abdomen] Tobik S, et al. **Pol Przegl Chir** 48(12):1551–3, Dec 76 (Eng. Abstr.) **(Pol)**

[Possibilities of effects of trauma on the development of hemangiomas in children] Fedotov VK, et al. **Vestn Khir** 119(7):96–8, Jul 77 **(Rus)**

FAMILIAL & GENETIC

A spinal arteriovenous malformation with hereditary cutaneous hemangiomas. Kaplan P, et al. **Am J Dis Child** 130(12):1329–31, Dec 76

Some soft tissue heritable tumors. Gorlin RJ. **Birth Defects** 12(1):7–14, 1976 (73 ref.)

Genetics of central nervous system tumors. Horton WA. **Birth Defects** 12(1):91–7, 1976

Kasabach-Merritt syndrome with terminal gram negative infection. Ogle J, et al. **NZ Med J** 83(566):441-2, 23 Jun 76

Familial abdominal chemodectomas with associated cutaneous angiolipomas. Lee SP, et al. **Pathology** 9(2):173-7, Apr 77

HISTORY

Tumors in the remains of ancient Egyptians. Strouhal E. **Am J Phys Anthropol** 45(3 pt. 2):613-20, Nov 76

METABOLISM

[Histochemical characteristics of mast cells in hemangiomas] Shubich MG, et al. **Arkh Patol** 38(12):32-5, 1976 (Eng. Abstr.) **(Rus)**

OCCURRENCE

The perilobular hemangioma. A benign microscopic vascular lesion of the breast. Rosen PP, et al. **Am J Clin Pathol** 68(1):21-3, Jul 77

The descriptive epidemiology of primary intracranial neoplasms: the Connecticut experience. Schoenberg BS, et al. **Am J Epidemiol** 104(5):499-510, Nov 76

Salivary gland neoplasms in children. Schuller DE, et al. **Otolaryngol Clin North Am** 10(2):399-412, Jun 77

[Occurrence and frequency of orbital tumors in ethiopia (author's transl)] Schmidt B. **Klin Monatsbl Augenheilkd** 169(5):628-32, Nov 76 (Eng. Abstr.) **(Ger)**

[Statistical studies of brain neoplasms] Arai H, et al. **Brain Nerv** 28(8):779-91, Aug 76 (Eng. Abstr.) **(Jpn)**

[Intrathoracic tumors in children] Silva Cuevas A, et al. **Bol Med Hosp Infant Mex** 34(2):443-57, Mar-Apr 77 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Multiple primary hemangiomas of bone. Karlin CA, et al. **AJR** 129(1):162-4, Jul 77

Splenic pseudosinuses and hepatic angiomatous lesions. Distinctive features of hairy cell leukemia. Nanba K, et al. **Am J Clin Pathol** 67(5):415-26, May 77

The perilobular hemangioma. A benign microscopic vascular lesion of the breast. Rosen PP, et al. **Am J Clin Pathol** 68(1):21-3, Jul 77

A case report of a negative 32P test in a histologically proven choroidal hemangioma. Hoskins JC, et al. **Arch Ophthalmol** 95(3):438-9, Mar 77

Central haemangioma of an edentulous mandible. Eveson JW, et al. **Br J Oral Surg** 14(3):240-4, Mar 77

Dowling oration 1976. Malignant vascular tumours. Jones EW. **Clin Exp Dermatol** 1(4):287-312, Dec 76 (65 ref.)

Intracranial malignant growth, primary and metastatic. Wilson CB, et al. **Curr Probl Cancer** 1(8):1-46, Feb 77

Recurrent multiple pyogenic granuloma with multiple satellites. Features of Masson's hemangioma. Fisher I. **Cutis** 20(2):201-5, Aug 77

Nasal hemangiomas of pregnancy. Shallit JB, et al. **Ear Nose Throat J** 56(9):377-9, Sep 77

Tumours of the vagina, uterus, placenta and oviduct. Baba N, et al. **IARC Sci Publ** 1(6 Pt 2):161-88, 1977 (102 ref.)

Tumours of the soft tissues. Carter RL. **IARC Sci Publ** (5 Pt 1):151-67, 1973 (26 ref.)

Toxic and carcinogenic effects of nitrosodimethylamine in mink. Koppang N, et al. **IARC Sci Publ** (14):443-52, 1976

Tumours of the liver. Schauer A, et al. **IARC Sci Publ** 1(6 Pt 2):41-72, 1977 (84 ref.)

The angiographic appearance of renal angiomyolipoma and problems of its preoperative diagnosis. Kelemen J, et al. **Int Urol Nephrol** 8(1):27-40, 1976

Dermal angiomyoma of the upper extremity. Neviaser RJ, et al. **J Hand Surg** 2(4):271-4, Jul 77

Angiolipoma of the hard palate: a case report and review of the literature. Davis GB, et al. **J Maxillofac Surg** 4(4):242-4, Dec 76

Lid lesions of childhood: a histopathologic survey at the Wilmer Institute (1923-1974). Doxanas MT, et al. **J Pediatr Ophthalmol** 13(1):7-39, Jan 76

Renal angiomyolipoma: a study of 13 cases. Barrilero AE. **J Urol** 117(5):547-52, May 77

Benign renal angiomyolipoma with regional lymph node involvement. Busch FM, et al. **J Urol** 116(6):715-7, Dec 76

Hemangioma of the testis in an infant. D'Esposito RF, et al. **J Urol** 116(5):677-8, Nov 76

Hemangioma of the kidney. Samellas W, et al. **J Urol** 116(5):653, Nov 76

Angiomyolipoma: diagnosis and treatment. Walker DE, et al. **J Urol** 116(6):712-4, Dec 76

Ultrasound demonstration of a 1.5 cm intrarenal angiomyolipoma. Duffy P, et al. **JCU** 5(2):111-3, Apr 77

Case for diagnosis. Oldmixon WJ. **Milit Med** 142(6):434, 453, Jun 77

Carcinoma of the vulva. Case report. Zeller DE, et al. **Mo Med** 74(6):258-60, Jun 77

Benign hemangiomyoma of the uterus. Bowers VM Jr, et al. **Obstet Gynecol** 49(1 suppl):38-40, Jan 77

Management of oral hemangioma. Review of the literature and report of a case. Woods WR, et al. **Oral Surg** 44(1):39-44, Jul 77

Birthmarks. Jacobs AH, et al. **Pediatr Ann** 5(12):743-58, Dec 76

Intramuscular hemangioma of the masseter muscle. Case report. Conley JJ, et al. **Plast Reconstr Surg** 60(1):121-4, Jul 77

Tufted Haemangioma. Scott OL. **Proc R Soc Med** 70(4):283, Apr 77

The clinical diagnosis of malignant melanoma. Mihm MC Jr, et al. **Semin Oncol** 2(2):105-18, Jun 75

Brain tumors of mixed tissue origin: staining procedures to distinguish glial from connective tissue. Hahn JF, et al. **South Med J** 70(5):539-42, May 77

Massive bleeding from angiomyolipoma of the kidney. Lalani II. **Tex Med** 73(1):61-6, Jan 77

Perivenous angiolipoma of the internal jugular vein. Putney FJ, et al. **Trans Am Acad Ophthalmol Otolaryngol** 84(1):105-7, Jan-Feb 77

Lipofuscin pigment over benign and malignant choroidal tumors. Shields JA, et al. **Trans Am Acad Ophthalmol Otolaryngol** 81(5):871-81, Sep-Oct 76

[Verruciform perforating angioma] Laugier P. **Ann Dermatol Venereol** 104(6-7):492-3, Jun-Jul 77 **(Fre)**

[Subglottic angioma of children. Apropos of 7 cases] Desnos J, et al. **Ann Otolaryngol Chir Cervicofac** 93(3):194-203, Mar 76 **(Fre)**

[Massive tumours of the parotid. A description of 12 cases (author's transl)] Rasolonjatovo-Andriananja P, et al. **Ann Otolaryngol Chir Cervicofac** 94(1-2):17-28, Jan-Feb 77 (Eng. Abstr.) **(Fre)**

[Localized hemangioma of the bronchial trunk of the left lung in a 2-month-old infant] Lesbros D, et al. **Arch Fr Pediatr** 33(G):895-903, Nov 76 (Eng. Abstr.) **(Fre)**

[Osseous angioma of the orbit] Clay Cl, et al. **Arch Ophtalmol (Paris)** 36(12):805-18, Dec 76 (Eng. Abstr.) **(Fre)**

[The value of infrared angiography with indocyanine green in the clinical diagnosis of angiomas of the choroid (anatomo-clinical report)] Bonnet M, et al. **Bull Soc Ophtalmol Fr** 76(7-8):713-6, Jul-Aug 76 (Eng. Abstr.) **(Fre)**

[Skin tumors of the face] Raulo Y. **Cah Odontostomatol Touraine** 6(2):35-42, Apr-Jun 74 **(Fre)**

[Renal heamangioma (author's transl)] Jimenez JF, et al. **J Urol Nephrol (Paris)** 83(1-2):31-40, Jan-Feb 77 (Eng. Abstr.) **(Fre)**

[Renal angiomyolipomas. 9 cases (author's transl)] Mazeman E, et al. **J Urol Nephrol (Paris)** 83(1-2):1-30, Jan-Feb 77 (Eng. Abstr.) **(Fre)**

[Infantile hemangiomatosis of liver] Böhm N, et al. **Med Welt** 27(40):1887-91, 1 Oct 76 **(Ger)**

[Chronic consumption coagulopathy in giant hemangiomas of various localization; Kasabach-Metritt-syndrome in the adult] Hesselmann J, et al. **Med Welt** 27(36):1703-7, 3 Sep 76 **(Ger)**

[Case of a malignant angiolipoleiomyoma of the kidney -- angiographic and pathohistologic findings in hamartomas of the kidney (author's transl)] Maar K, et al. **Urologe [A]** 15(6):297-9, Nov 76 (Eng. Abstr.) **(Ger)**

[Chorioangioma (report of 3 cases)] De Virgiliis G, et al. **Ann Ostet Ginecol Med Perinat** 98(1):53-8, Jan-Feb 77 (Eng. Abstr.) **(Ita)**

[Pathology of angiomas of the lip (data on 65 cases)] Buffa D, et al. **Pathologica** 68(979-980):253-9, May-Jun 76 (Eng. Abstr.) **(Ita)**

[Cerebellar hemangioblastoma with multiple aneurysms] Yoshii Y, et al. **Brain Nerv** 28(7):703-8, Jul 76 (Eng. Abstr.) **(Jpn)**

[Intramuscular hemangioma. A clinicopathologic observation (author's transl)] Hashimoto H, et al. **Fukuoka Acta Med** 67(12):473-83, 25 Dec 76 (Eng. Abstr.) **(Jpn)**

[Spontaneous intracerebral hematomas--in relation to small angiomatous malformations (author's transl)] Saito Y. **Neurol Surg (Tokyo)** 5(2):103-12, Feb 77 **(Jpn)**

[Penoscrotal hemangioma] Neto NR Jr, et al. **AMB** 22(7):256,

Jul 76 (Eng. Abstr.) **(Por)**

[Histochemical characteristics of mast cells in hemangiomas] Shubich MG, et al. **Arkh Patol** 38(12):32–5, 1976 (Eng. Abstr.) **(Rus)**

[Case of capillary angioma of the stomach] Plotnikova VA, et al. **Vestn Rentgenol Radiol** (6):80–1, Nov–Dec 76 **(Rus)**

[Tracheal hemangioma as the cause of congenital stridor] Vlasiuk VV, et al. **Vopr Okhr Materin Det** 22(6):80, Jun 77 **(Rus)**

[Case of cavernous angioma of the heart] Kulik II, et al. **Vrach Delo** (12):32–3, Dec 76 **(Rus)**

[Hemangioma of the heart] Vizir AD, et al. **Vrach Delo** (4):87–9, Apr 76 **(Rus)**

[Pulsating hemangioma of the auricular concha] Fliginskikh NA, et al. **Zh Ushn Nos Gorl Bolezn** (5):95–6, Sep–Oct 76 **(Rus)**

[Congenital subplical hemangioma of the larynx and trachea in an infant] Tidir AA, et al. **Zh Ushn Nos Gorl Bolezn** (1):98–100, Jan–Feb 76 **(Rus)**

[Blue rubber bleb nevus (author's transl)] Amat L, et al. **An Esp Pediatr** 10(1):75–80, Jan 77 (Eng. Abstr.) **(Spa)**

[Kassaback–Merrit syndrome in diffuse mesenteric engiomatosis and giant splenomegaly] Vicente García V, et al. **Rev Med Univ Navarra** 18(3–4):178–84, Sep–Dec 74 **(Spa)**

[Case of Kasabach–Merritt disease in an 11–month–old infant] Marshak RKh. **Pediatr Akush Ginekol** (2):29–30, Mar–Apr 77 **(Ukr)**

PHYSIOPATHOLOGY

Spinal epidural angiomatous malformations draining into intrathecal veins. Kendall BE, et al. **Neuroradiology** 13(4):181–9, 27 Jun 77

[New technic of cerebral function examination: centimetric ultrasound recording of cerebral pulsativity. Application to the diagnosis of intracranial tumors] Lepetit JM, et al. **Rev Electroencephalogr Neurophysiol Clin** 6(3):400–7, Jul–Sep 76 **(Fre)**

[Regression of haemangiomata in infants after x–ray treatment and mock–radiation (author's transl)] Jung EG, et al. **Arch Dermatol Res** 259(1):21–8, 21 Jul 77 (Eng. Abstr.) **(Ger)**

[Oculomotor disturbances as cerebellar symptoms in pontine angle tumors. Contralateral diminution of optokinetic nystagmus as early sign of floccular lesions (author's transl)] Reutern GM, et al. **Arch Psychiatr Nervenkr** 223(2):117–30, 23 Feb 77 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Angiography in vascular malformations of the face. Bradac GB, et al. **AJR** 129(3):469–75, Sep 77

Multiple primary hemangiomas of bone. Karlin CA, et al. **AJR** 129(1):162–4, Jul 77

Computerized tomography and intracerebral hemorrhage. Hayward RD, et al. **Am Heart J** 93(1):126–7, Jan 77

Hemangioma thrombocytopenia syndrome. A case masquerading as an encephalocele. Orenstein DM, et al. **Am J Dis Child** 131(6):680–1, Jun 77

Angiolipoma: a rare benign soft tissue tumor with a malignant arteriographic appearance. Finberg HJ, et al. **Am J Roentgenol** 128(4):697–8, Apr 77

Angiographic manifestations of renal hamartoma. Lee WJ. **Angiology** 28(6):416–20, Jun 77

Congenital mixed vascular deformities of the lower limb: the relevance of lymphatic abnormalities to their diagnosis and treatment. O'Donnell TF Jr. **Ann Surg** 185(2):162–8, Feb 77

Occlusion of the left main coronary artery secondary to left ventricular angioma. Oglietti J, et al. **Chest** 70(4):542–4, Oct 76

Intrarenal arterial aneurysms. Longstreth PL, et al. **CRC Crit Rev Clin Radiol Nucl Med** 8(1):129–51, 1976

Angiotomography of the vertebrobasilar circulation. pp. 236–42. Ramella G, et al. **In: Oliva L, Berry RJ, ed. The new image in tomography. Amsterdam, Excerpta Medica, 1976. W3 EX89 no. 392 1975.**

Central hemangioma of the maxilla. Azaz B, et al. **Int J Oral Surg** 5(5):240–4, Oct 76

The angiographic appearance of renal angiomyolipoma and problems of its preoperative diagnosis. Kelemen J, et al. **Int Urol Nephrol** 8(1):27–40, 1976

Radiologic distinguishing features of angiomyolipoma of the kidney. Rothberg M, et al. **J Med Soc NJ** 73(9):727–30, Sep 76

Large, solitary bone lesion of the skull. Leftridge CA Jr. **J Natl Med Assoc** 69(1):69, Jan 77

Computed tomography for neurological intensive care patients. Report on one hundred CT examinations. Rodiek S, et al. **J Neurol** 215(4):273–85, 20 Jul 77

Resection of a vertebral hemangioma after preoperative embolization. Case report. Hemmy DC, et al. **J Neurosurg** 47(2):282–5, Aug 77

Steroid treatment of an orbital or periocular hemangioma. Steahly LP, et al. **J Pediatr Ophthalmol** 14(1):35–7, Jan–Feb 77

Peripherally located congenital arteriovenous fistulae in infancy and childhood. Woolley MM, et al. **J Pediatr Surg** 12(2):165–76, Apr 77

Preoperative diagnosis of renal angiomyolipoma. Baron M, et al. **J Urol** 117(6):701–3, Jun 77

Renal angiomyolipoma: a study of 13 cases. Barrilero AE. **J Urol** 117(5):547–52, May 77

Enlargement of one or more vertebrae. Corcoran RJ, et al. **JAMA** 238(14):1555–6, 3 Oct 77

Calcified intramedullary aneurysm in spinal angioma. Deeb ZL, et al. **Neuroradiology** 14(1):1–3, 25 Aug 77

The use of computed axial tomography (CAT) for the diagnosis and management of intracranial angiomas. Kendall BE, et al. **Neuroradiology** 12(3):141–60, 1976

Spinal cord angiomas diagnosed by gas myelography. Liliequist B. **Neuroradiology** 12(1):15–9, 27 Oct 76

Angiographically diagnosed hemangioma of the bladder. Nakao N, et al. **Pediatr Radiol** 4(3):186–7, 14 Apr 76

Spinal cord compression by vertebral hemangioma. Paige ML, et al. **Pediatr Radiol** 6(1):43–5, 25 Jul 77

Radiological diagnosis of orbital tumours. Peeters FL. **Radiol Clin (Basel)** 46(1):18–25, 1977

Capillary hemangioma of the lung. Radiological quiz. Brill PW, et al. **Radiology** 124(1):184, 224, Jul 77

Arteriography of peripheral hemangiomas. Levin DC, et al. **Radiology** 121(3 Pt. 1):625–30, Dec 76

Computerized tomography of the orbit using thin sections. Hilal SK, et al. **Semin Roentgenol** 12(2):137–47, Apr 77

Benign tumors of the lung. Madewell JE, et al. **Semin Roentgenol** 12(3):175–86, Jul 77 (68 ref.)

Hemangioma of fifth cervical vertebra with intermittent spinal cord dysfunction. Krieger AJ. **South Med J** 70(8):1008–10, Aug 77

Renal sinus angiomyolipoma. Diamond A, et al. **Urology** 9(2):221–3, Feb 77

[Differential diagnosis pitfalls in cerebellar angioreticulomas] Káš S, et al. **Cesk Neurol Neurochir** 39(4):197–203, Jul 76 (Eng. Abstr.) **(Cze)**

[Hemangioma of the mandible and clavicle] Sorensen VK, et al. **Ugeskr Laeger** 139(9):526–8, 28 Feb 77 (Eng. Abstr.) **(Dan)**

[Renal insufficiency with angiographic aspects of angioleiomyolipoma in Bourneville's tuberous sclerosis] Youinou P, et al. **Ann Dermatol Venereol** 104(3):243–5, Mar 77 **(Fre)**

[Localized hemangioma of the bronchial trunk of the left lung in a 2–month–old infant] Lesbros D, et al. **Arch Fr Pediatr** 33(G):895–903, Nov 76 (Eng. Abstr.) **(Fre)**

[Osseous angioma of the orbit] Clay Cl, et al. **Arch Ophtalmol (Paris)** 36(12):805–18, Dec 76 (Eng. Abstr.) **(Fre)**

[The value of infrared angiography with indocyanine green in the clinical diagnosis of angiomas of the choroid (anatomo–clinical report)] Bonnet M, et al. **Bull Soc Ophtalmol Fr** 76(7–8):713–6, Jul–Aug 76 (Eng. Abstr.) **(Fre)**

[Vascular exploration of tumors of the kidney] Grasset D. **J Urol Nephrol (Paris)** 82(7–8):648–54, Jul–Aug 76 **(Fre)**

[Renal heamangioma (author's transl)] Jimenez JF, et al. **J Urol Nephrol (Paris)** 83(1–2):31–40, Jan–Feb 77 (Eng. Abstr.) **(Fre)**

[Renal angiomyolipomas. 9 cases (author's transl)] Mazeman E, et al. **J Urol Nephrol (Paris)** 83(1–2):1–30, Jan–Feb 77 (Eng. Abstr.) **(Fre)**

[Contribution of superselective arteriography and embolization in maxillofacial surgery. Apropos of 2 cases] Vesse M, et al. **Rev Stomatol Chir Maxillofac** 78(2):111–9, 1977 (Eng. Abstr.) **(Fre)**

[Tumoral hemangioma of the mediastinum in Osler–Rendu disease. Course followed for 17 years] Kissel P, et al. **Sem Hop Paris** 52(38):2159–60, 9 Nov 76 **(Fre)**

[Congenital diaphyseal venous dysplasia (author's transl)] Klümper A. **Fortschr Geb Roentgenstr Nuklearmed** 125(5):396–9, Nov 76 (Eng. Abstr.) **(Ger)**

[Angio–tomographic aspects of cerebral aneurysms and angiomas (author's transl)] Nadjimi M, et al. **Fortschr Geb Roentgenstr Nuklearmed** 125(5):428–37, Nov 76 (Eng. Abstr.) **(Ger)**

[Computertomography of the parotid gland (author's transl)]

Lohkamp F, et al. **Laryngol Rhinol Otol (Stuttg)** 56(2):104–20, Feb 77 (Eng. Abstr.) **(Ger)**

[Diagnostic and therapeutic results of superselective cerebral angiographies in pathologic lesions in the vascular area of the human external carotid artery (author's transl)] Voigt K, et al. **Radiologe** 16(10):436–43, Oct 76 (Eng. Abstr.) **(Ger)**

[Case of a malignant angiolipoleiomyoma of the kidney -- angiographic and pathohistologic findings in hamartomas of the kidney (author's transl)] Maar K, et al. **Urologe [A]** 15(6):297–9, Nov 76 (Eng. Abstr.) **(Ger)**

[Benign renal parenchymae tumors with special reference to angiomyolipoma] Tschochner H-J. **Z Aerztl Fortbild (Jena)** 70(6):280–4, 15 Mar 76 **(Ger)**

[Renal angioma associated with multiple renal malformations. Observations on a case] Quaglia C, et al. **Minerva Urol** 28(2–3):94–101, Mar–Apr 76 (Eng. Abstr.) **(Ita)**

[Serial cerebral angiography of late onset epilepsy] Gega FA, et al. **Brain Nerv** 28(3):293–300, Mar 76 (Eng. Abstr.) **(Jpn)**

[A case of renal angiomyolipoma, with special reference to angiography] Akahoshi K, et al. **Jpn J Clin Radiol** 21(4):363–9, Mar 76 **(Jpn)**

[Case of renal hamartoma (angiomyolipoma) revealed by retroperitoneal hemorrhage] Tamakawa Y, et al. **Jpn J Clin Radiol** 21(5):441–4, Apr 76 **(Jpn)**

[The angiographic evaluation of hepatic mass lesions based on the segmentation of the liver (author's transl)] Kusano S. **Nippon Acta Radiol** 36(4):322–33, Apr 76 (Eng. Abstr.) **(Jpn)**

[Diagnosis of spinal cord haemangiomas (author's transl)] Zajgner J, et al. **Pol Przegl Radiol** 41(1):33–7, Jan–Feb 77 **(Pol)**

[Case of capillary angioma of the stomach] Plotnikova VA, et al. **Vestn Rentgenol Radiol** (6):80–1, Nov–Dec 76 **(Rus)**

[Multiple hemangiomas of the soft tissues of the hand: the role of x-ray diagnosis (author's transl)] Livaković V, et al. **Lijec Vjesn** 99(7):455–8, Jul 77 (Eng. Abstr.) **(Scr)**

[Renal angiomyolipoma as the only manifestation: a diagnostic problem] Espuela R, et al. **Rev Clin Esp** 143(4):389–92, 30 Nov 76 **(Spa)**

[Radiotherapy of osseous angiomas. Critical study on its indication] Otero Luna J, et al. **Rev Clin Esp** 144(5):367–73, 15 Mar 77 (Eng. Abstr.) **(Spa)**

RADIOTHERAPY

Meningioma following irradiation. Watts C. **Cancer** 38(5):1939–40, Nov 76

Giant hemangioma with consumption coagulopathy: sustained response to heparin and radiotherapy [letter] Carnelli V, et al. **J Pediatr** 91(3):504–5, Sep 77

Embolization of cerebral angiomas by catheterization of cortical arteries. Vlahovitch B, et al. **Neuroradiology** 11(5):243–8, 21 Sep 76

[Subglottic angioma of children. Apropos of 7 cases] Desnos J, et al. **Ann Otolaryngol Chir Cervicofac** 93(3):194–203, Mar 76 **(Fre)**

[Treatment of angiomas with radiotherapy] Haye C, et al. **Bull Soc Ophtalmol Fr** 76(9–10):791–2, Sep–Oct 76 **(Fre)**

[Non-surgical treatment of tuberous angiomas of the lip. Apropos of 26 cases] Le Mouel M, et al. **Rev Stomatol Chir Maxillofac** 77(8):977–82, Dec 76 (Eng. Abstr.) **(Fre)**

[Treatment of cutaneous angiomas in children] Belaich S, et al. **Sem Hop Ther** 53(2):87–9, Feb 77 **(Fre)**

[Regression of haemangiomata in infants after x-ray treatment and mock-radiation (author's transl)] Jung EG, et al. **Arch Dermatol Res** 259(1):21–8, 21 Jul 77 (Eng. Abstr.) **(Ger)**

[X-ray therapy of hemangiomatas (author's transl)] Jung EG. **Dermatologica** 153(2):86–7, 1976 **(Ger)**

[A follow-up of x-ray-treated tuberous hemangiomas after 15–20 years (author.s transl)] Zala L, et al. **Dermatologica** 153(2):82–5, 1976 (Eng. Abstr.) **(Ger)**

[Irradiation therapy of vertebral angionomas: results in 62 patients during the years 1939 to 1975 (author's transl)] Glanzmann C, et al. **Strahlentherapie** 153(8):522–5, Aug 77 (Eng. Abstr.) **(Ger)**

[Treatment of dermatoses with roentgen and beta rays (proceedings)] Born W. **Z Hautkr** 51 Suppl 2:47–58, 1976 **(Ger)**

[Radiotherapy of hemangioma (proceedings)] Jung G. **Z Hautkr** 51 Suppl 2:64, 1976 **(Ger)**

[Radiotherapy of non-radically removed hemangiomas] Podliashchuk EL, et al. **Med Radiol (Mosk)** 21(7):11–4, Jul 76 **(Rus)**

[Radiotherapy of osseous angiomas. Critical study on its indication] Otero Luna J, et al. **Rev Clin Esp** 144(5):367–73, 15 Mar 77 (Eng. Abstr.) **(Spa)**

SECRETION

Vitamin D-resistant rickets associated with epidermal nevus syndrome: demonstration of a phosphaturic substance in the dermal lesions. Aschinberg LC, et al. **J Pediatr** 91(1):56–60, Jul 77

SURGERY

Characteristics and results of primary plastic operations performed by neoplasms of eyelids and orbit. Zaikova MV, et al. **Acta Chir Plast (Praha)** 19(1):21–9, 1977

Congenital mixed vascular deformities of the lower limb: the relevance of lymphatic abnormalities to their diagnosis and treatment. O'Donnell TF Jr. **Ann Surg** 185(2):162–8, Feb 77

Perforating diathermy coagulation for retinal angiomas. Cardoso RD, et al. **Arch Ophthalmol** 94(10):1702–15, Oct 76

Excision and grafting of extensive facial haemangiomas. Clodius L. **Br J Plast Surg** 30(3):185–96, Jul 77

Hemangioma of the extensor pollicis longus: a case history. Godsick PA, et al. **Bull Hosp Joint Dis** 37(2):172–6, Oct 76

Occlusion of the left main coronary artery secondary to left ventricular angioma. Oglietti J, et al. **Chest** 70(4):542–4, Oct 76

Reconstruction in rare tumors of the head and neck. Paletta FX. **Clin Plast Surg** 3(3):429–40, Jul 76

Laser surgery in cosmetic dermatology. Goldman L. **Cutis** 17(1):38, Jan 76

Some aspects of photocoagulation treatment of intra-ocular vascular tumors and malignant melanoma of the choroid. Riaskoff S. **Doc Ophthalmol** 42(2):303–19, 28 Feb 77

Therapeutic colonoscopy. Montori A, et al. **Endoscopy** 8(2):81–4, May 77

Solitary hepatic hemangioma in a newborn infant complicated by cardiac failure, consumption coagulopathy, microangiopathic hemolytic anemia, and obstructive jaundice. Case report and review of the literature. Linderkamp O, et al. **Eur J Pediatr** 124(1):23–9, 9 Dec 76

Hemangiomas of the cecum. Colonoscopic diagnosis and therapy. Rogers HG, et al. **Gastroenterology** 71(6):1079–82, Dec 76

Central hemangioma of the maxilla. Azaz B, et al. **Int J Oral Surg** 5(5):240–4, Oct 76

Treatment of portwine marks by an argon laser. Goldman L, et al. **J Dermatol Surg** 2(5):385–8, Nov 76

Cryosurgery of benign oral lesions. Chapin ME. **J Dermatol Surg Oncol** 3(4):428–31, Jul–Aug 77

Dermal angiomyoma of the upper extremity. Neviaser RJ, et al. **J Hand Surg** 2(4):271–4, Jul 77

Nerve tumors of the hand and forearm. Strickland JW, et al. **J Hand Surg** 2(4):285–91, Jul 77

Resection of a vertebral hemangioma after preoperative embolization. Case report. Hemmy DC, et al. **J Neurosurg** 47(2):282–5, Aug 77

Complicated giant hemangioma: excision using cardiopulmonary bypass and deep hypothermia. Little KE, et al. **J Pediatr Surg** 11(4):533–6, Aug 76

Peripherally located congenital arteriovenous fistulae in infancy and childhood. Woolley MM, et al. **J Pediatr Surg** 12(2):165–76, Apr 77

Hemangioma of the testis in an infant. D'Esposito RF, et al. **J Urol** 116(5):677–8, Nov 76

Angiomyolipoma: diagnosis and treatment. Walker DE, et al. **J Urol** 116(6):712–4, Dec 76

CO2 laser laryngoscopy in a variety of lesions. Lyons GD, et al. **Laryngoscope** 86(11):1658–62, Nov 76

Carcinoma of the vulva. Case report. Zeller DE, et al. **Mo Med** 74(6):258–60, Jun 77

Repair of ptosis using frontalis muscle and fascia lata: a 20-year review. Crawford JS. **Ophthalmic Surg** 8(4):31–40, Aug 77

Laryngotracheoplasty. Evans JN. **Otolaryngol Clin North Am** 10(1):119–23, Feb 77

Salivary gland neoplasms in children. Schuller DE, et al. **Otolaryngol Clin North Am** 10(2):399–412, Jun 77

Intramuscular hemangioma of the masseter muscle. Case report. Conley JJ, et al. **Plast Reconstr Surg** 60(1):121–4, Jul 77

Plastic surgery. Dencer D. **Practitioner** 218(1304):244–8, Feb 77

Hepatic tumors of infancy and childhood. de Lorimier AA. **Surg Clin North Am** 57(2):443–8, Apr 77 (31 ref.)

Cysts and benign tumors of the liver. Walt AJ. **Surg Clin North Am** 57(2):449–64, Apr 77 (18 ref.)

Clinical experience with presumed hemangioma of the choroid: radioactive phosphorus uptake studies as an aid in differential diagnosis. Jarrett WH 2d, et al. **Trans Am Acad Ophthalmol Otolaryngol** 81(5):862–70, Sep–Oct 76

Parasitic lumbar arterial blood supply in renal angiomyolipoma. Hyman RA, et al. **Urology** 8(6):629–33, Dec 76

[Angiomyolipoma of the kidney] Mikulíček I, et al. **Rozhl Chir** 55(9):623–4, Sep 76 (Eng. Abstr.) **(Cze)**

[Verruciform perforating angioma] Laugier P. **Ann Dermatol Venereol** 104(6–7):492–3, Jun–Jul 77 **(Fre)**

[Subglottic angioma of children. Apropos of 7 cases] Desnos J, et al. **Ann Otolaryngol Chir Cervicofac** 93(3):194–203, Mar 76 **(Fre)**

[Localized hemangioma of the bronchial trunk of the left lung in a 2-month-old infant] Lesbros D, et al. **Arch Fr Pediatr** 33(G):895–903, Nov 76 (Eng. Abstr.) **(Fre)**

[Osseous angioma of the orbit] Clay Cl, et al. **Arch Ophtalmol (Paris)** 36(12):805–18, Dec 76 (Eng. Abstr.) **(Fre)**

[Angioma of the hand] Banzet P. **Phlebologie** 29(1):17–21, Jan–Mar 76 **(Fre)**

[Contribution of superselective arteriography and embolization in maxillofacial surgery. Apropos of 2 cases] Vesse M, et al. **Rev Stomatol Chir Maxillofac** 78(2):111–9, 1977 (Eng. Abstr.) **(Fre)**

[Hemagiomas of the colon. Apropos of nonhemorrhagic tumorous hemangioma of the cecum] Pradel E, et al. **Sem Hop Paris** 52(7):429–33, 16 Feb 76 **(Fre)**

[Treatment of cutaneous angiomas in children] Belaich S, et al. **Sem Hop Ther** 53(2):87–9, Feb 77 **(Fre)**

[Angioma of the kidney] Khadri C. **Tunis Med** 55(1):33, Feb 77 **(Fre)**

[Angiodysplasia and the skeletal system] Vollmar J, et al. **Chirurg** 47(4):205–13, Apr 76 (Eng. Abstr.) **(Ger)**

[Nevus telangiectasis of the facial skin: possibilities and problems of plastic surgery] Clodius L. **Dermatologica** 153(2):68–9, 1976 (Eng. Abstr.) **(Ger)**

[Advances and emphasis in neuro- and vascular surgery] Schwenzer N. **Fortschr Kiefer Gesichtschir** 21:127–30, 1976 (25 ref.) **(Ger)**

[Hemangioma simplex of the larynx in an infant (author's transl)] Burian K, et al. **Paediatr Paedol** 11(4):639–42, 1976 (Eng. Abstr.) **(Ger)**

[Irradiation therapy of vertebral angionomas: results in 62 patients during the years 1939 to 1975 (author's transl)] Glanzmann C, et al. **Strahlentherapie** 153(8):522–5, Aug 77 (Eng. Abstr.) **(Ger)**

[Transfemoral cannulation of the renal vessels. Diagnostic and therapeutic use in urology (author's transl)] Eisenberger F, et al. **Urologe [A]** 16(1):1–5, Jan 77 (Eng. Abstr.)**(Ger)**

[Benign renal parenchymae tumors with special reference to angiomyolipoma] Tschochner H-J. **Z Aerztl Fortbild (Jena)** 70(6):280–4, 15 Mar 76 **(Ger)**

[A surgical treatment of macrocheilia due to hemangioma of the lip (author's transl)] Furukawa T, et al. **Jpn J Oral Surg** 20(1):59–64, 1974 **(Jpn)**

[A case of large hemangioma in the area of the lower lip and the chin. I. Resection of the tumor and immediate reconstruction (author's transl)] Ito T, et al. **Jpn J Oral Surg** 22(1):30–5, 76 **(Jpn)**

[Treatment of hemangioma of the lip by surgical procedure combined with application of the dental material: report of 2 cases] Sasaki M, et al. **Jpn J Oral Surg** 20(2):111–4, 1974 **(Jpn)**

[The angiographic evaluation of hepatic mass lesions based on the segmentation of the liver (author's transl)] Kusano S. **Nippon Acta Radiol** 36(4):322–33, Apr 76 (Eng. Abstr.) **(Jpn)**

[Early and late therapeutic results in brain angiomas and Sturge-Weber syndrome in the light of clinical and electroencephalographic studies] Gościński I. **Neurol Neurochir Pol** 11(4):461–4, Jul–Aug 77 **(Pol)**

[Subglottic hemangiomas in infants] Sylwanowicz L, et al. **Otolaryngol Pol** 30(4):425–8, 1976 **(Pol)**

[Successful treatment of severe Kasabach-Merritt syndrome with consumption coagulopathy] Wójtowicz M, et al. **Pediatr Pol** 51(10):1229–32, Oct 76 **(Pol)**

[Ambiguous and obscure problems of liver resection] Shapkin VS. **Khirurgiia (Mosk)** (2):85–91, Feb 77 (Eng. Abstr.) **(Rus)**

[Treatment of hemangiomas with carbon dioxide snow] Podgornyĭ VK, et al. **Klin Khir** (5):72–3, May 76 **(Rus)**

[Radiotherapy of non-radically removed hemangiomas] Podliashchuk EL, et al. **Med Radiol (Mosk)** 21(7):11–4, Jul 76 **(Rus)**

[Alloplasty of foot bone defects after removal of benign tumors] Danilova LA. **Ortop Travmatol Protez** (4):46–52, Apr 77 (Eng. Abstr.) **(Rus)**

[Cryosurgery of hemangiomas of the oral cavity and face] Prusakov VA, et al. **Stomatologiia (Mosk)** 55(4):49–52, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Possibilities of effects of trauma on the development of hemangiomas in children] Fedotov VK, et al. **Vestn Khir** 119(7):96–8, Jul 77 **(Rus)**

[Hemangioma of the synovial membrane of the knee joint] Zvantseva VA. **Vestn Khir** 117(8):52–5, Aug 76 (Eng. Abstr.) **(Rus)**

THERAPY

Cryotherapy with solid carbon dioxide in the treatment of nevus flammeus. Hidano A, et al. **J Dermatol Surg Oncol** 3(2):213–6, Mar–Apr 77

Embolization with iodine 131-marked Spongel. Technique, indications and results. Picard L, et al. **J Neuroradiol** 3(1):53–74, Mar 76 **(Eng, Fre)**

Subglottic hemangioma. Leikensohn JR, et al. **J Otolaryngol** 5(6):487–92, Dec 76

Renal angiomyolipoma: a study of 13 cases. Barrilero AE. **J Urol** 117(5):547–52, May 77

Management of hemorrhage secondary to renal angiomyolipoma with selective arterial embolization. Moorhead JD, et al. **J Urol** 117(1):122–3, Jan 77

Common paediatric skin conditions. Lewis MB. **Med J Aust** 2(22):831–3, 27 Nov 76

Embolization of cerebral angiomas by catheterization of cortical arteries. Vlahovitch B, et al. **Neuroradiology** 11(5):243–8, 21 Sep 76

Management of oral hemangioma. Review of the literature and report of a case. Woods WR, et al. **Oral Surg** 44(1):39–44, Jul 77

Results from tattooing port-wine hemangiomas. A long-term follow-up. Grabb WC, et al. **Plast Reconstr Surg** 59(5):667–9, May 77

Compression treatment of hemangiomas. Miller SH, et al. **Plast Reconstr Surg** 58(5):573–9, Nov 76

Compression treatment of hemangiomas: Commentary. Morris WJ. **Plast Reconstr Surg** 58(6):714–5, Dec 76

[Intraneural hemangioma in peripheral nerves] Larsen EH, et al. **Ugeskr Laeger** 139(17):1006–7, 25 Apr 77 (Eng. Abstr.) **(Dan)**

[Choice of methods and results of treatment of tuberous angiomas in young children (based on 420 cases observed in 6 years from 1970–1975)] Desmons F, et al. **Lille Med** 21(6):500–6, Jun–Jul 76 **(Fre)**

[Contribution of superselective arteriography and embolization in maxillofacial surgery. Apropos of 2 cases] Vesse M, et al. **Rev Stomatol Chir Maxillofac** 78(2):111–9, 1977 (Eng. Abstr.) **(Fre)**

[Treatment of cutaneous angiomas in children] Belaich S, et al. **Sem Hop Ther** 53(2):87–9, Feb 77 **(Fre)**

[Vascular malformations of the spinal cord. Diagnosis and therapy] Olteanu-Nerbe V. **Fortschr Med** 94(11):601–8, 15 Apr 76 (Eng. Abstr.) **(Ger)**

[Diagnostic and therapeutic results of superselective cerebral angiographies in pathologic lesions in the vascular area of the human external carotid artery (author's transl)] Voigt K, et al. **Radiologe** 16(10):436–43, Oct 76 (Eng. Abstr.) **(Ger)**

[Multiple giant hepatic hemangiomas] Kadmon D, et al. **Harefuah** 90(10):470–3, 16 May 76 (Eng. Abstr.) **(Heb)**

Cryotherapy in the treatment of hemangiomas of the oral cavity] István S, et al. **Fogorv Sz** 70(1):4–6, Jan 77 **(Hun)**

[Selection of the medical procedure for detecting skin hemangiomas in children] Podgornyĭ VK, et al. **Pediatr Akush Ginekol** (4):29–30, Jul–Aug 76 **(Ukr)**

ULTRASTRUCTURE

The ultrastructure of an oral angiomyoma. Reichart P, et al. **J Oral Pathol** 6(1):25–34, Jan 77

[Ultrastructural aspects of the vascular connective tissue in epulis. II. Fibroangiomatous epulis] Sapelli PL, et al. **Bull Group Eur Rech Sci Stomatol Odontol** 19(1–2):13–9, Jan–Apr 76 **(Fre)**

[Histogenesis and mechanism of regression of congenital cutaneous angiomas in children (electron-microscopic study)] Lebkova NP, et al. **Arkh Patol** 39(3):44–51, 1977 (Eng. Abstr.) **(Rus)**

HEMANGIOMA, CAVERNOUS

Cavernous hemangioma of the liver. Watson RC, et al.

Clin Bull 6(4):168–9, 1976
Blue rubber bleb nevus syndrome: report of a case. Nakagawara G, et al. **Dis Colon Rectum** 20(5):421–7, Jul–Aug 77
Dyschondroplasia with haemangiomata (Maffucci's syndrome). Das P, et al. **Indian J Pathol Microbiol** 19(4):261–4, Oct 76
Cavernous hemangioma of the foot. Cortese CJ. **J Foot Surg** 15(2):72–6, Summer 76
Giant cavernous hemangioma of the liver: case report and review of the literature. Wald SL, et al. **Nebr Med J** 61(11):407–12, Nov 76
Cavernous haemangioma of the spleen. A case report. Segal I, et al. **S Afr Med J** 51(18):637–8, 30 Apr 77
Cavernous haemangioma in the pineal region. Hubschmann O, et al. **Surg Neurol** 6(6):349–51, Dec 76
[A rare tumor of the scrotum. Apropos of one case of epididymal angioma] Ducassou J, et al. **J Urol Nephrol (Paris)** 82(6):529–31, Jun 76 **(Fre)**
[Cutaneous and rectosigmoidal cavernous hemangiomas. Bean's syndrome] Moretti G, et al. **Lille Med** 21(10):821–6, Dec 76 **(Fre)**
[Angiomas in infants] Gross P. **Rev Infirm** 27(7):601–5, Jul–Sep 77 **(Fre)**
[A case of unusual benign neoplasm of the esophagus: cavernous hemangioma] Spaggiari A, et al. **Arch Chir Torac Cardiovasc** 33(1–2):39–51, Jan–Jun 76 **(Ita)**
[Cavernous hemangioma of the liver] Blinnichev NM, et al. **Vestn Khir** 117(11):132–3, Nov 76 **(Rus)**
[Cavernous hemangioma of the lung] Dorfman MV, et al. **Vrach Delo** (5):56–8, May 77 **(Rus)**

BLOOD SUPPLY

Dural haemangioma with extracranial component. Okada J, et al. **Acta Neurochir (Wien)** 36(1–2):111–5, 1977
Hepatic cavernous hemangiomas and hemangioendotheliomas in infancy. Stanley P, et al. **AJR** 129(2):317–21, Aug 77
Arterial-portal venous shunting in cavernous hemangioma of the liver. Winograd J, et al. **Radiology** 122(2):331–2, Feb 77
[Giant multifocal cavernous hemangioma of the liver with phleboliths (author's transl)] Holtz U, et al. **Radiologe** 17(2):77–82, Feb 77 (Eng. Abstr.) **(Ger)**
[Cavernous hemangioma of the middle cranial fossa with an angiographically demonstrated feeding artery and tumor stain] Ito J, et al. **Jpn J Clin Radiol** 22(3):339–44, Mar 77 **(Jpn)**

CLASSIFICATION

[Angioma of the hand] Banzet P. **Phlebologie** 29(1):17–21, Jan–Mar 76 **(Fre)**

COMPLICATIONS

Cavernous hemangiomas associated with scoliosis and a localized consumptive coagulopathy. A case report. Lozman J, et al. **J Bone Joint Surg [Am]** 58(7):1021–4, Oct 76
Hemangioma of bladder. Caro DJ, et al. **Urology** 7(5):479–81, Nov 76
[Late cavernous hemangiomas, thrombocytopenia, and azotemic glomerulonephritis] Grosshans E, et al. **Ann Dermatol Venereol** 104(1):71–2, Jan 77 **(Fre)**
[Liver anomalies with portal hypertension associated with Turner's syndrome] Szekely AM, et al. **Arch Anat Cytol Pathol** 24(4):311–6, 1976 **(Fre)**
[Digestive hemorrhages caused by spleno-portal cavernoma. Ovario-mesenteric anastomosis. Apropos of 2 cases] Grenier JF, et al. **Chirurgie** 102(8):683–9, 1976 (Eng. Abstr.) **(Fre)**
[A rare tumor of the scrotum. Apropos of one case of epididymal angioma] Ducassou J, et al. **J Urol Nephrol (Paris)** 82(6):529–31, Jun 76 **(Fre)**
[A contribution to the clinical picture of phakomatoses] Hafner G, et al. **Ber Dtsch Ophthalmol Ges** 74:809–11, 1977 **(Ger)**
[Case report of a patient with sensory status epilepticus (author's transl] Schiffter R, et al. **Nervenarzt** 48(6):321–5, Jun 77 **(Ger)**
[Giant multifocal cavernous hemangioma of the liver with phleboliths (author's transl)] Holtz U, et al. **Radiologe** 17(2):77–82, Feb 77 (Eng. Abstr.) **(Ger)**
[Benign gastric tumors. A case of torsion of a gastric angiocavernoma] Porati M, et al. **Chir Ital** 28(3):251–8, Jun 76 (Eng. Abstr.) **(Ita)**

CONGENITAL

Congenital pelvic arteriovenous fistulas: report of a case and review of the literature. Neifeld JP, et al. **J Urol** 114(4):648–52, Oct 75
Retino-vascular malformations. Cleary PE. **Trans Ophthalmol Soc UK** 96(2):213–5, Jul 76

DIAGNOSIS

Hepatic cavernous hemangiomas and hemangioendotheliomas in infancy. Stanley P, et al. **AJR** 129(2):317–21, Aug 77
Acquired zosteriform cavernous hemangiomas: brief clinical observation [letter]. Steinway DM, et al. **Arch Dermatol** 113(6):848–9, Jun 77
Regression of orbital hemangioma detected by echography. Basta LL, et al. **Arch Ophthalmol** 95(8):1383–6, Aug 77
Mediastinal cavernous haemangioma. Kissin MW. **Br J Dis Chest** 71(3):208–10, Jul 77
Radiotherapy of hemangioma cavernosum of the liver. Okazaki N, et al. **Gastroenterology** 73(2):353–6, Aug 77
Cavernous hemangioma of the foot. Cortese CJ. **J Foot Surg** 15(2):72–6, Summer 76
Congenital pelvic arteriovenous fistulas: report of a case and review of the literature. Neifeld JP, et al. **J Urol** 114(4):648–52, Oct 75
Cavernous haemangioma of the spleen. A case report. Segal I, et al. **S Afr Med J** 51(18):637–8, 30 Apr 77
Cavernous hemangioma of the neck simulating thyroglossal cyst. Mittapalli MR, et al. **South Med J** 70(8):1010–1, Aug 77
Computer-processed acoustic spectral analysis of ophthalmic tissues. Coleman DJ, et al. **Trans Am Acad Ophthalmol Otolaryngol** 83(4 Pt. 1):725–30, Jul–Aug 77
A case of cavernous haemangioma of the spleen. Bevilacqua G, et al. **Tumori** 62(5):485–92, Sep–Oct 76
An unusual flat interface in orbital ultrasonic examinations. Dadd M, et al. **Ultrasound Med Biol** 2(3):213–17, Jun 76
[A rare case of cavernous haemangioma of the bladder (author's transl)] Bouday E, et al. **J Urol Nephrol (Paris)** 83(3):203–6, Mar 77 (Eng. Abstr.) **(Fre)**
[Use of Doppler ultrasound in the examination of the extent of venous angiomas] Van Der Molen HR. **Phlebologie** 29(1):9–15, Jan–Mar 76 (Eng. Abstr.) **(Fre)**
[An interesting appendectomy. Hemorrhage due to subserous hemangioma of the appendiceal tip resembling appendicitis] Kahl C. **Chirurg** 48(3):189–90, Mar 77 **(Ger)**
[Retinal hemangiomas] Speiser P. **Fortschr Med** 94(15):907–9, 20 May 76 (Eng. Abstr.) **(Ger)**
[Giant multifocal cavernous hemangioma of the liver with phleboliths (author's transl)] Holtz U, et al. **Radiologe** 17(2):77–82, Feb 77 (Eng. Abstr.) **(Ger)**
[Splenic angioma with thrombocytopenia] Marti MC. **Schweiz Med Wochenschr** 106(21):717–9, 22 May 76 **(Ger)**
[Certain practically important questions on the intra-osseous hemangioma of the jaw] Petz R, et al. **Stomatol DDR** 26(9):604–11, Sep 76 (Eng. Abstr.) **(Ger)**
[Cavernous hemangioma of the liver] Blinnichev NM, et al. **Vestn Khir** 117(11):132–3, Nov 76 **(Rus)**
[Cavernous hemangioma of the liver] Pérez-Cabañas I, et al. **Rev Esp Enferm Apar Dig** 49(1):93–102, 1 Jan 77 **(Spa)**

DRUG THERAPY

Intoxication caused by interaction of chloramphenicol and phenytoin. Rose JQ, et al. **JAMA** 237(24):2630–1, 13 Jun 77

ETIOLOGY

Cavernous hemangioma of the foot. Cortese CJ. **J Foot Surg** 15(2):72–6, Summer 76

PATHOLOGY

Acquired zosteriform cavernous hemangiomas: brief clinical observation [letter]. Steinway DM, et al. **Arch Dermatol** 113(6):848–9, Jun 77
Haemangioma of the bladder. Proca E. **Br J Urol** 49(1):60, Feb 77
Cavernous hemangioma of the liver. Watson RC, et al. **Clin Bull** 6(4):168–9, 1976
Cavernous hemangiomas associated with scoliosis and a localized consumptive coagulopathy. A case report. Lozman J, et al. **J Bone Joint Surg [Am]** 58(7):1021–4, Oct 76
Cavernous hemangioma of the neck simulating thyroglossal cyst. Mittapalli MR, et al. **South Med J** 70(8):1010–1, Aug 77

Massive cavernous hemangioma of the liver. Spoor TC, et al. **South Med J** 70(4):490–2, Apr 77

Cavernous haemangioma in the pineal region. Hubschmann O, et al. **Surg Neurol** 6(6):349–51, Dec 76

A case of cavernous haemangioma of the spleen. Bevilacqua G, et al. **Tumori** 62(5):485–92, Sep–Oct 76

Hemangioma of scrotum. Ray B, et al. **Urology** 8(5):502–5, Nov 76

[Late cavernous hemangiomas, thrombocytopenia, and azotemic glomerulonephritis] Grosshans E, et al. **Ann Dermatol Venereol** 104(1):71–2, Jan 77 **(Fre)**

[A case of unusual benign neoplasm of the esophagus: cavernous hemangioma] Spaggiari A, et al. **Arch Chir Torac Cardiovasc** 33(1–2):39–51, Jan–Jun 76 **(Ita)**

[Cavernous hemangioma of the ovary. Presentation of a case and review of literature] Caresano G. **Minerva Ginecol** 29(2):103–6, Feb 77 (Eng. Abstr.) **(Ita)**

[Pulmonary carcinoma (microcytoma) with metastases in liver angiomas (cavernomas)] Figari G, et al. **Pathologica** 68(977–978):159–62, Mar–Apr 76 (Eng. Abstr.) **(Ita)**

[Resection of the left lobe of the liver for cavernoma] Mamakeev MM, et al. **Zdravookhr Kirg** (2):56–7, Mar–Apr 77 **(Rus)**

PHYSIOPATHOLOGY

[Cavernous hemangioma of the ureter] Zhuravlev II, et al. **Urol Nefrol (Mosk)** (4):65–6, Jul–Aug 76 **(Rus)**

RADIOGRAPHY

Hepatic cavernous hemangiomas and hemangioendotheliomas in infancy. Stanley P, et al. **AJR** 129(2):317–21, Aug 77

Intracranial cavernous angioma. Bartlett JE, et al. **Am J Roentgenol** 128(4):653–6, Apr 77

Cavernous hemangioma of the right atrium: presumptive diagnosis by coronary angiography. Raabe DS Jr, et al. **Cathet Cardiovasc Diagn** 2(4):389–95, 1976

Cavernous hemangioma of the liver. Watson RC, et al. **Clin Bull** 6(4):168–9, 1976

Angiography of hepatic neoplasms: a review. Bragg DG. **Int J Radiat Oncol Biol Phys** 1(9–10):965–71, Sep–Oct 76 (27 ref.)

Cavernous hemangiomas associated with scoliosis and a localized consumptive coagulopathy. A case report. Lozman J, et al. **J Bone Joint Surg [Am]** 58(7):1021–4, Oct 76

Demonstration of cavernous hemangiomas of the neck and tongue by internal jugular and subclavian venography: a case report. Shimshak RR, et al. **J Can Assoc Radiol** 27(3):203–5, Sep 76

Hemangioma of the kidney. Samellas W, et al. **J Urol** 116(5):653, Nov 76

Computed tomography of orbital lesions. A radiological study of 144 cases. Gyldensted C, et al. **Neuroradiology** 13(3):141–50, 31 May 77

The use of computed axial tomography (CAT) for the diagnosis and management of intracranial angiomas. Kendall BE, et al. **Neuroradiology** 12(3):141–60, 1976

Computed tomography or orbital lesions. A cooperative study of 210 cases. Wende S, et al. **Neuroradiology** 13(3):123–34, 31 May 77

The radiological investigation of hepatic tumors in childhood. Miller JH, et al. **Radiology** 124(2):451–8, Aug 77

Cavernous haemangioma in the pineal region. Hubschmann O, et al. **Surg Neurol** 6(6):349–51, Dec 76

[Computer tomography in ophthalmology (author's transl)] Nover A, et al. **Klin Monatsbl Augenheilkd** 168(4):461–7, Apr 76 (Eng. Abstr.) **(Ger)**

[Skull radiography. Refresher course. Radiographic findings and differential diagnosis. C. Calvaria] Schwörer I. **Roentgenpraxis** 30(4):87–100, Apr 77 **(Ger)**

[Cavernous hemangioma of the middle cranial fossa with an angiographically demonstrated feeding artery and tumor stain] Ito J, et al. **Jpn J Clin Radiol** 22(3):339–44, Mar 77 **(Jpn)**

[Cavernous hemangioma of the lung] Dorfman MV, et al. **Vrach Delo** (5):56–8, May 77 **(Rus)**

RADIOTHERAPY

Radiotherapy of hemangioma cavernosum of the liver. Okazaki N, et al. **Gastroenterology** 73(2):353–6, Aug 77

[Treatment of skin hemangioma with 90 Sr beta-ray] Oshiumi Y, et al. **Jpn J Clin Radiol** 21(9):785–90, Aug 76

Massive cavernous hemangioma of the liver. Spoor TC, et al. **South Med J** 70(4):490–2, Apr 77

SURGERY

Laser treatment of extensive mixed cavernous and port-wine stains. Goldman L, et al. **Arch Dermatol** 113(4):504–5, Apr 77

Excision and grafting of extensive facial haemangiomas. Clodius L. **Br J Plast Surg** 30(3):185–96, Jul 77

Colo-anal sleeve anastomosis in the treatment of diffuse cavernous haemangioma involving the rectum. Jeffery PJ, et al. **Br J Surg** 63(9):678–82, Sep 76

Blue rubber bleb nevus syndrome: report of a case. Nakagawara G, et al. **Dis Colon Rectum** 20(5):421–7, Jul–Aug 77

Cryosurgery of benign oral lesions. Chapin ME. **J Dermatol Surg Oncol** 3(4):428–31, Jul–Aug 77

Cavernous hemangioma of the foot. Cortese CJ. **J Foot Surg** 15(2):72–6, Summer 76

A study of the ultrastructural features of the cut margin of skin and mucous membrane specimens excised by carbon dioxide laser. Ben-Bassat M, et al. **J Surg Res** 21(2):77–84, Aug 76

Congenital pelvic arteriovenous fistulas: report of a case and review of the literature. Neifeld JP, et al. **J Urol** 114(4):648–52, Oct 75

Hemangioma of the kidney. Samellas W, et al. **J Urol** 116(5):653, Nov 76

Giant cavernous hemangioma of the liver: case report and review of the literature. Wald SL, et al. **Nebr Med J** 61(11):407–12, Nov 76

Cavernous hemangioma of the neck simulating thyroglossal cyst. Mittapalli MR, et al. **South Med J** 70(8):1010–1, Aug 77

Massive cavernous hemangioma of the liver. Spoor TC, et al. **South Med J** 70(4):490–2, Apr 77

Cavernous haemangioma in the pineal region. Hubschmann O, et al. **Surg Neurol** 6(6):349–51, Dec 76

A case of cavernous haemangioma of the spleen. Bevilacqua G, et al. **Tumori** 62(5):485–92, Sep–Oct 76

Hemangioma of scrotum. Ray B, et al. **Urology** 8(5):502–5, Nov 76

[Cavernous hemangioma of the nasal bones. Apropos of 2 cases] Marthouret M, et al. **Ann Chir Plast** 22(1):77–80, 1977 (Eng. Abstr.) **(Fre)**

[A rare case of cavernous haemangioma of the bladder (author's transl)] Bouday E, et al. **J Urol Nephrol (Paris)** 83(3):203–6, Mar 77 (Eng. Abstr.) **(Fre)**

[A rare tumor of the scrotum. Apropos of one case of epididymal angioma] Ducassou J, et al. **J Urol Nephrol (Paris)** 82(6):529–31, Jun 76 **(Fre)**

[Angioma of the hand] Banzet P. **Phlebologie** 29(1):17–21, Jan–Mar 76 **(Fre)**

[Nevus telangiectasis of the facial skin: possibilities and problems of plastic surgery] Clodius L. **Dermatologica** 153(2):68–9, 1976 (Eng. Abstr.) **(Ger)**

[Case report of a patient with sensory status epilepticus (author's transl] Schiffter R, et al. **Nervenarzt** 48(6):321–5, Jun 77 **(Ger)**

[Certain practically important questions on the intra-osseous hemangioma of the jaw] Petz R, et al. **Stomatol DDR** 26(9):604–11, Sep 76 (Eng. Abstr.) **(Ger)**

[Benign gastric tumors. A case of torsion of a gastric angiocavernoma] Porati M, et al. **Chir Ital** 28(3):251–8, Jun 76 (Eng. Abstr.) **(Ita)**

[Auricular hemangioma] Sobalkowski S. **Wiad Lek** 29(22):2057–9, 15 Nov 76 (Eng. Abstr.) **(Pol)**

[Cavernous hemangioma of the lung] Dorfman MV, et al. **Vrach Delo** (5):56–8, May 77 **(Rus)**

[Resection of the left lobe of the liver for cavernoma] Mamakeev MM, et al. **Zdravookhr Kirg** (2):56–7, Mar–Apr 77 **(Rus)**

[Hemangioma of the lower lip. Surgical treatment with a tongue flap pedicle] De Dulanto F, et al. **Actas Dermosifiliogr** 68(12):75–82, Jan – Feb 77 **(Spa)**

THERAPY

Common paediatric skin conditions. Lewis MB. **Med J Aust** 2(22):831–3, 27 Nov 76

Treatment of retinal vascular anomalies. Gass JD. **Trans Am Acad Ophthalmol Otolaryngol** 83(3 Pt 1):OP432–42, May–Jun 77

[Choice of methods and results of treatment of tuberous angiomas in young children (based on 420 cases observed in 6 years from 1970–1975)] Desmons F, et al. **Lille Med** 21(6):500–6, Jun–Jul 76 **(Fre)**

HEMANGIOPERICYTOMA

COMPLICATIONS

[Tumorous embolism of the pulmonary artery] Mikuláš J, et al. **Rozhl Chir** 56(1):16–21, Jan 77 (Eng. Abstr.) **(Slo)**

RADIOGRAPHY

[Radiological pattern of primary malignant bone neoplasms of vascular origin (author's transl)] Kaczurba M. **Pol Przegl Radiol** 41(2):111–7, Mar–Apr 77 (Eng. Abstr.) **(Pol)**

SURGERY

Reconstruction in rare tumors of the head and neck. Paletta FX. **Clin Plast Surg** 3(3):429–40, Jul 76

[Tumorous embolism of the pulmonary artery] Mikuláš J, et al. **Rozhl Chir** 56(1):16–21, Jan 77 (Eng. Abstr.) **(Slo)**

HEMATOMA

Intramural hematoma of the gastrointestinal tract. Hughes CE 3d, et al. **Am J Surg** 133(3):276–9, Mar 77

Anesthetic complication following surgical extirpation of a cyst in the thyroglossal duct. Zmyslowski WP, et al. **Anesthesiology** 47(3):306, Sep 77

The sternomastoid 'tumor' of infancy. Krugman ME, et al. **J Otolaryngol** 5(6):523–9, Dec 76

Myocardial infarction associated with umbilical cord hematoma. Fletcher MA, et al. **J Pediatr** 89(5):806–7, Nov 76

Clinical picture and management of subperiosteal hematoma of the orbit. Wolter JR, et al. **J Pediatr Ophthalmol** 13(3):136–8, May 76

Lymphedema: results of surgical treatment in 64 patients (1936–1964). Sakulsky SB, et al. **Lymphology** 10(1):15–26, Mar 77

Spontaneous hematoma of the medulla oblongata. Case report. Pendefunda G, et al. **Neurol Psychiatr (Bucur)** 14(3):177–81, Jul–Sep 76

[Intra-mural duodenal hematomas of pancreatic origin] Malafosse M, et al. **Chirurgie** 103(3):189–98, 1977 (Eng. Abstr.) **(Fre)**

[Apropos of the communication of Mr. Malafosse and colleagues on intra-mural duodenal hematomas of pancreatic origin] Roy B. **Chirurgie** 103(4):286–7, 1977 **(Fre)**

[Urologic aspects of retroperitoneal hematoma (author's transl)] Wagenknecht LV. **Urologe [A]** 16(1):9–14, Jan 77 (Eng. Abstr.) **(Ger)**

[Spontaneous perirenal hematomas: description of a case] Ghiringhelli L. **Atti Accad Med Lomb** 30(1–3):117–24, 1975 **(Ita)**

[Abdominal birth injuries] Solerio L, et al. **Minerva Pediatr** 29(25):1569–73, Aug 77 (Eng. Abstr.) **(Ita)**

[Revascularization of the crural arteries in atherosclerosis (review of the literature)] Govorunov GV. **Eksp Khir Anesteziol** (6):79–83, Nov–Dec 76 (100 ref.) **(Rus)**

[Diagnosis and treatment of spontaneous hematomas of the anterior abdominal wall] Petrov VP, et al. **Vestn Khir** 117(8):38–40, Aug 76 (Eng. Abstr.) **(Rus)**

[Hormetonia in cranio-cerebral injury (review of the literature)] Karlov VA, et al. **Zh Nevropatol Psikhiatr** 77(5):759–64, 1977 (134 ref.) **(Rus)**

[Effectiveness of different means of surgically treating cranio-cerebral wounds following whole body x-irradiation of animals] Gracheva ND, et al. **Zh Vopr Neirokhir** (3):7–13, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Several pathophysiologic grounds for radical removal of contusion foci from the cerebral hemispheres] Ugriumov VM, et al. **Zh Vopr Neirokhir** (3):3–7, May–Jun 77 (Eng. Abstr.) **(Rus)**

BLOOD

Renal trauma and hypertension: the role of renin. Spark RF, et al. **Arch Intern Med** 136(10):1097–1100, Oct 76

Serum globulin changes in patients with craniocerebral trauma. Auer L, et al. **J Neurol Neurosurg Psychiatry** 39(11):1076–80, Nov 76

[Radioimmunological demonstration of morphine in hematoma blood in a day-and-half survived accident] Gelbke HP, et al. **Arch Kriminol** 159(1–2):31–5, Jan–Feb 77 **(Ger)**

[Hyperbilirubinemia due to subperiostal cephalohematoma?] Schellong G, et al. **Monatsschr Kinderheilkd** 125(5):448–9, May 77 **(Ger)**

CEREBROSPINAL FLUID

Tryptophan and monoamine metabolites in ventricular cerebrospinal fluid after severe cerebral trauma [letter] Hyyppä MT, et al. **Lancet** 1(8026):1367–8, 25 Jun 77

CHEMICALLY INDUCED

'Speed': headache and hematoma. Yarnell PR. **Headache** 17(2):69–70, May 77

A comparative trial of subcutaneous sodium and calcium heparin as assessed by local haematoma formation and pain. pp. 361–6. Whitehead MI, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Bilateral intrarenal hematomas from anticoagulants. Hidvegi RS. **J Can Assoc Radiol** 27(4):250–4, Dec 76

Hematuria in patients on anticoagulants [letter] Dajani YF. **N Engl J Med** 297(4):222, 28 Jul 77

Femoral neuropathy during anticoagulant therapy. Young MR, et al. **Neurology (Minneap)** 26(12):1173–5, Dec 76

Anticoagulation and retroperitoneal haematoma. Bergqvist D, et al. **Vasa** 5(4):329–31, 1976

[Severe retroperitoneal hematomas during anticoagulant therapy] Fournier C, et al. **Ann Med Interne (Paris)** 128(3):307–10, Mar 77 **(Fre)**

[Crural paralysis complicating anticoagulant therapy and its surgical treatment] Rousselot JP, et al. **Coeur Med Interne** 16(1):53–8, Jan–Mar 77 **(Fre)**

[Hematomas of the right abdominal muscles during treatment with anticoagulants] Vaur JL. **Infirm Fr** (183):23–6, Mar 77 **(Fre)**

[An intramural hematoma of the small intestine, during anticoagulant therapy: radiological course. Concerning one case] Schutz JF, et al. **J Radiol Electrol Med Nucl** 58(3):221–6, Mar 77 (Eng. Abstr.) **(Fre)**

[Femoral nerve paralysis complicating anticoagulant treatments. A propos of 3 cases] Seignon B, et al. **Sem Hop Paris** 52(3):159–63, 16 Jan 76 (Eng. Abstr.) **(Fre)**

[Neurogenic symptoms for the early diagnosis of adverse drug effects] Mayer K. **Verh Dtsch Ges Inn Med** 82 Pt 1:584–90, 1976 **(Ger)**

[Peripheral nerve lesions in anticoagulant therapy] Ritter G, et al. **Verh Dtsch Ges Inn Med** 82 Pt 1:687–9, 1976 **(Ger)**

COMPLICATIONS

Splenic abscess. Report of 10 cases and review of the literature. Chulay JD, et al. **Am J Med** 61(4):513–22, Oct 76

Bilateral ureteral obstruction in ruptured chronic ectopic pregnancy. Livnat EJ, et al. **Am J Obstet Gynecol** 127(3):330–2, 1 Feb 77

Changing attitudes to the management of severe head injuries. Lewin W. **Br Med J** 2(6046):1234–9, 20 Nov 76

Spontaneous spinal extradural hematoma. Horne JG, et al. **Can J Surg** 20(4):379–81, Jul 77

Central neurogenic pulmonary edema: with a review of its pathogenesis and treatment. Kosnik EJ, et al. **Childs Brain** 3(1):37–47, 1977

Sonography: a method for localization of hematomas in hemophiliacs. Nowotny C, et al. **Haemostasis** 5(3):129–35, 1976

Brachial-artery rupture in Ehlers-Danlos syndrome: an unusual cause of high median-nerve palsy. A case report. Bowers WH, et al. **J Bone Joint Surg [Am]** 58(7):1025–6, Oct 76

Potentially fatal asphyxia following a minor injury of the cervical spine. Howcroft AJ, et al. **J Bone Joint Surg [Br]** 59(1):93–4, Feb 77

The psychiatric symptoms of patients having neurosurgical lesions. Fisher RG. **J Med Soc NJ** 73(11):963–7, Nov 76

Posttraumatic hematoma beneath the epineurium of a branch of the median nerve. Case report. Polis L, et al. **J Neurosurg** 46(4):542–3, Apr 77

Duodenal intramural hematoma in anaphylactoid purpura [letter]. Cohen N, et al. **J Pediatr** 89(5):856, Nov 76

Nonoperative treatment of duodenal hematomata in childhood. Holgersen LO, et al. **J Pediatr Surg** 12(1):11–7, Feb 77

Persistent post-traumatic pseudosheath formation secondary to a movable organized blood clot. Vecchione TR. **J Trauma** 17(6):481-2, Jun 77

Pseudorejection: the Page kidney phenomenon in renal allografts. Cromie WJ, et al. **J Urol** 116(5):658-9, Nov 76

Anaplastic tumor found in a hepatic hematoma: case report. Fulkerson JP, et al. **Milit Med** 142(5):395-6, May 77

Computed tomography and subarachnoid hemorrhage. Liliequist B, et al. **Neuroradiology** 14(1):21-6, 25 Aug 77

Rupture of the liver associated with pregnancy: a review of the literature and report of 2 cases. Bis KA, et al. **Obstet Gynecol Surv** 31(11):763-73, Nov 76 (97 ref.)

The use of a fascial flap in ear reconstruction. Tegtmeier RE, et al. **Plast Reconstr Surg** 60(3):406-11, Sep 77

Intracerebral haematoma with communicating hydrocephalus in a neonate. Aggett PJ, et al. **Proc R Soc Med** 69(12):877-9, Dec 76

The pear-shaped bladder. Ambos MA, et al. **Radiology** 122(1):85-8, Jan 77 (14 ref.)

Computed tomography of porencephaly and other cerebrospinal fluid-containing lesions. Ramsey RG, et al. **Radiology** 123(1):73-7, Apr 77

Experiences with craniocerebral injuries. Baur E, et al. **Reconstr Surg Traumatol** 15:44-57, 1976

[Adrenal cysts in the newborn. Apropos of 2 cases] Babin JP, et al. **Arch Fr Pediatr** 34(2):130-42, Feb 77 (Eng. Abstr.) **(Fre)**

[Place of the splanchnic nerves in the pathogenesis of shock due to retroperitoneal hematoma (author's transl)] Chometowski S, et al. **J Chir (Paris)** 113(2):221-6, 1977 (Eng. Abstr.) **(Fre)**

[Spontaneous sub-capsular haematoma of the liver compressing the hepatic veins. Angiographic diagnosis (author's transl)] L'Herminé C, et al. **J Radiol Electrol Med Nucl** 10(57):747-52, Oct 76 (Eng. Abstr.) **(Fre)**

[Clinical contribution to the study of renin-dependent hypertension] Gallizia GF, et al. **J Urol Nephrol (Paris)** 82(7-8):690-3, Jul-Aug 76 **(Fre)**

[Hematoma of the wall of the transverse colon associated with pneumatosis intestinalis] Bonardi JM, et al. **Pediatrie** 32(3):261-6, Apr-May 77 (Eng. Abstr.) **(Fre)**

[Femoral nerve paralysis complicating anticoagulant treatments. A propos of 3 cases] Seignon B, et al. **Sem Hop Paris** 52(3):159-63, 16 Jan 76 (Eng. Abstr.) **(Fre)**

[Posttraumatic osteitis] Burri C, et al. **Acta Med Iran** 19(2):125-54, Mar 77 **(Ger)**

[Prevention and treatment of infections after osteosynthesis] Schweiberer L. **Chirurg** 48(1):1-5, Jan 77 **(Ger)**

[Arteriovenous malformation of the dura and spontaneous intracerebral hematoma (author's transl)] Sartor K, et al. **Fortschr Neurol Psychiatr** 44(12):702-5, Dec 76 (Eng. Abstr.) **(Ger)**

[The primary isolated ovarian abscess. Clinical and bacteriological observations and a new pathogenetic hypothesis (author's transl)] Egger H, et al. **Geburtshilfe Frauenheilkd** 37(7):625-38, Jul 77 (Eng. Abstr.) **(Ger)**

[Traumatic lesions of the optic chiasma (author's transl)] Brégeat P. **Klin Monatsbl Augenheilkd** 170(3):374-9, Mar 77 (Eng. Abstr.) **(Ger)**

[Hyperbilirubinemia due to subperiostal cephalohematoma?] Schellong G, et al. **Monatsschr Kinderheilkd** 125(5):448-9, May 77 **(Ger)**

[Peripheral nerve lesions in anticoagulant therapy] Ritter G, et al. **Verh Dtsch Ges Inn Med** 82 Pt 1:687-9, 1976 **(Ger)**

[Periarticular ossification following replacement of the hip-joint. Clinical and radiologic examination of 697 hip-joints (author's transl)] Holz U, et al. **Z Orthop** 115(2):146-58, Apr 77 (Eng. Abstr.) **(Ger)**

[Complications at the end of pregnancy and during labor due to hematoma of the umbilical cord] Höner M. **Zentralbl Gynaekol** 98(14):848-54, 1976 (Eng. Abstr.) **(Ger)**

[Intramural duodenal hematoma of traumatic origin] Iván P, et al. **Magy Traumatol Orthop** 19(4):296-300, 1976 (Eng. Abstr.) **(Hun)**

[Coexisting post-traumatic supradural hematoma and ipsilateral subdural hydrocele] Bojarski Z, et al. **Pol Przegl Chir** 49(10):1187-92, Oct 76 (Eng. Abstr.) **(Pol)**

[Rare case of giant hematoma in rectus abdominis muscle in a patient with uremia] Klimkiewicz E, et al. **Wiad Lek** 29(21):1917-9, 1 Nov 76 (Eng. Abstr.) **(Pol)**

[Associated complications of hematogenic osteomyelitis] Polishchuk SM. **Klin Khir** 00(9):66-7, Sep 76 **(Rus)**

[Traumatic injury of the brachial plexus with the causalgia syndrome] Sheliia RN, et al. **Zh Vopr Neirokhir** (3):56-7, May-Jun 77 **(Rus)**

CONGENITAL

The radiological investigation of hepatic tumors in childhood. Miller JH, et al. **Radiology** 124(2):451-8, Aug 77

DIAGNOSIS

Computed tomography of intracerebral hematomas. II. Radionuclide and transmission CT studies of the perihematoma region. Dolinskas CA, et al. **AJR** 129(4):689-92, Oct 77

EMI scan density of methyl methacrylate. Ehrlich I, et al. **AJR** 129(2):351-2, Aug 77

Diagnosis of rectus sheath hematoma by B-mode ultrasound: a case report. Hamilton JV, et al. **Am J Obstet Gynecol** 125(4):562-5, 15 JUN 76

Rectus sheath hematoma: ultrasonographic diagnosis. Kaftori JK, et al. **Am J Roentgenol** 128(2):283-5, Feb 77

Intramural hematoma of the gastrointestinal tract. Hughes CE 3d, et al. **Am J Surg** 133(3):276-9, Mar 77

Gestational trophoblastic disease. Becker RL, et al. **Arch Intern Med** 137(2):221-5, Feb 77

Organizing hematoma in a child presenting as a 'doughnut lesion' on nuclear scan. Case report. Harris VJ, et al. **Childs Brain** 3(4):213-8, 1977

Ultrasonic evaluation of pelvic masses in pregnancy. Bezjian AA, et al. **Clin Obstet Gynecol** 20(2):325-38, Jun 77

A new diagnostic aid in traumatic hemobilia. Tanaka M, et al. **Endoscopy** 9(1):54-7, Mar 77

Laparoscopic diagnosis of abdominal wall hematoma. Grossman MB, et al. **Gastrointest Endosc** 23(2):93, Nov 76

Sonography: a method for localization of hematomas in hemophiliacs. Nowotny C, et al. **Haemostasis** 5(3):129-35, 1976

Unusual popliteal mass. Hill J, et al. **Ill Med J** 151(2):117-20, Feb 77

Unusual popleteal mass. Hill J, et al. **IMJ** 151(2):117-20, Feb 77

Laparoscopic observation of the female pelvis following abortions by suction curettage. Khan PK. **Int Surg** 62(2):77-8, Feb 77

Diagnostic Peritoneal Tap. Rao RN, et al. **Int Surg** 62(1):14-6, Jan 77

Common carotid artery stenosis due to subintimal hematoma following blunt trauma to the neck. Report of a case. González A. **J Cardiovasc Surg (Torino)** 18(3):297-301, May-Jun 1977

Intramural hematoma of the duodenum: A case report. Reinertson MW. **J Iowa Med Soc** 67(5):175-7, May 77

Scintiangiographic visualization of an occipitoparietal, extradural hematoma [letter]. Rockett JF, et al. **J Nucl Med** 18(5):496-7, May 77

Hemophilic pseudotumors of the mandible. Mulkey TF. **J Oral Surg** 35(7):561-8, Jul 77

The sternomastoid 'tumor' of infancy. Krugman ME, et al. **J Otolaryngol** 5(6):523-9, Dec 76

Duodenal intramural hematoma in anaphylactoid purpura [letter]. Cohen N, et al. **J Pediatr** 89(5):856, Nov 76

Clinical picture and management of subperiosteal hematoma of the orbit. Wolter JR, et al. **J Pediatr Ophthalmol** 13(3):136-8, May 76

Ruptured thoracic aorta due to blunt trauma. Ayella RJ, et al. **J Trauma** 17(3):199-205, Mar 77

Ultrasonographic assessment of neck masses. Gooding GA, et al. **JCU** 5(4):248-52, Aug 77

The diagnosis of splenic injury using Tc-99m red blood cells [letter] Selby JB, et al. **JNM** 18(7):743-4, Jul 77

Ultrasonography in haemophilia [letter]. Forbes CD, et al. **Lancet** 1(8020):1064-5, 14 May 77

Ultrasonography in the management of haemophilia. McVerry BA, et al. **Lancet** I(8017):872-4, 23 Apr 77

Case records of the Massachusetts General Hospital. Weekly clinicopathological exrecises. Case 49-1976. **N Engl J Med** 295(23):1309-13, 2 Dec 76

[Post-traumatic hydrocephalus] Foroglou G. **Neurochirurgie** 22(2):108-11, Oct 76

Comparison of radionuclide scans with computer-assisted tomography in diagnosis of intracranial disease. Clifford JR, et al. **Neurology (Minneap)** 26(12):119-23, Dec 76

Thalamic hemorrhage: a computed tomographic-clinical correlation. Walshe TM, et al. **Neurology (Minneap)** 27(3):217-22, Mar 77

Ultrasonic distinction of abscesses from other intra-abdominal fluid collections. Doust BD, et al. **Radiology** 125(1):213-8, Oct 77

Splenic scintigraphy: a large congenital fissure mimicking splenic hematoma. Smidt KP. **Radiology** 122(1):169, Jan 77

Ultrasonography in ascites. Yeh HC, et al. **Radiology** 124(3):783–90, Sep 77
Iodine-123-fibrinogen scintigraphy. DeNardo SJ, et al. **Semin Nucl Med** 7(3):245–51, Jul 77
Differential diagnosis of tumor regrowth. Crafts D, et al. **Semin Oncol** 2(1):15–7, Mar 75
The diagnosis of subcapsular hematoma of the liver by scintigraphy. Beauchamp JM, et al. **South Med J** 69(12):1579–81, Dec 76
Traumatic intracerebral hematoma with stable neurological deficit. Levinthal R, et al. **Surg Neurol** 7(5):269–73, May 77
Pseudotumor of kidney. Rankin RS, et al. **Urology** 10(1):68–70, Jul 77
[Diagnosis and therapeutic approach in traumatic intraumral hematoma of the duodenum in childhood] Khristov Kh, et al. **Khirurgiia (Sofiia)** 29(4):312–5, 1976 **(Bul)**
[Abdominal ultrasonic diagnosis] Kristensen JK, et al. **Lakartidningen** 74(6):428–30, 9 Feb 77 (Eng. Abstr.)**(Dan)**
[Diagnostic aids in assessment of suspected localized abdominal accumulations of fluid] Jensen F. **Ugeskr Laeger** 139(10):571–4, 7 Mar 77 (Eng. Abstr.) **(Dan)**
[Methods of ultrasonic examination and their value in the abdominal abscesses and hematomata] Jensen F, et al. **Ugeskr Laeger** 139(10):574–7, 7 Mar 77 (Eng. Abstr.) **(Dan)**
[Severe retroperitoneal hematomas during anticoagulant therapy] Fournier C, et al. **Ann Med Interne (Paris)** 128(3):307–10, Mar 77 **(Fre)**
[Ultrasonic aspects of abdominal abscesses and hematomas] Weill F, et al. **J Chir (Paris)** 112(6):409–18, Dec 76 (Eng. Abstr.) **(Fre)**
[Ultrasonic aspect of abdominal fluid collections. Ascites, abscess, hematoma] Weill F, et al. **J Radiol Electrol Med Nucl** 57(8–9):618, Aug–Sep 76 **(Fre)**
[Diagnosis of intracranial tumors] Plagne R, et al. **Neurochirurgie** 22(4):311–34, 1976 (45 ref.) **(Fre)**
[Echography and cerebral gammagraphy in craniofacial injuries] de Tovar G, et al. **Rev Stomatol Chir Maxillofac** 77(7):901–7, Oct–Nov 76 (Eng. Abstr.) **(Fre)**
[Spontaneous intracerebellar haematoma in childhood (author's transl)] Mauersberger W, et al. **Acta Neurochir (Wien)** 36(3–4):255–64, 1977 (Eng. Abstr.) **(Ger)**
[Hemophilic pseudotumor, misdiagnosed as reticulum-cell sarcoma] Bachmann O. **Helv Chir Acta** 43(5–6):649–54, Dec 76 **(Ger)**
[Hemophilic pseudotumor mistaken for reticular sarcoma] Bachmann O. **Helv Chir Acta** 43(5–6):649–54, Dec 76 **(Ger)**
[A-scan-ultrasonography in unilateral optic nerve lesions (author's transl)] Schroeder W. **Klin Monatsbl Augenheilkd** 169(1):30–8, Jul 76 (Eng. Abstr.) **(Ger)**
[Urologic aspects of retroperitoneal hematoma (author's transl)] Wagenknecht LV. **Urologe [A]** 16(1):9–14, Jan 77 (Eng. Abstr.) **(Ger)**
[A possibility for diagnosing intracranial hematoma--Sano's hematoma index] Richter J, et al. **Z Aerztl Fortbild (Jena)** 70(13–14):702–3, 15 Jul 76 **(Ger)**
[Electroencephalography, rheoencephalography and echoencephalography in the diagnosis of closed cranio-cerebral trauma] Macheret EL, et al. **Klin Khir** (1):52–4, Jan 76 **(Rus)**
[Diagnosis and treatment of spontaneous hematomas of the anterior abdominal wall] Petrov VP, et al. **Vestn Khir** 117(8):38–40, Aug 76 (Eng. Abstr.) **(Rus)**
[Activity of lactate dehydrogenase and its isoenzymes in the thrombocytes in different forms of cerebral circulatory disorder] Khmara NF, et al. **Vopr Med Khim** 22(2):183–7, Mar–Apr 76 (Eng. Abstr.) **(Rus)**
[Scanographic picture of development of spontaneous intracerebral hematoma (report of a case)] Tofović P, et al. **Acta Chir Iugosl** 24(2):161–5, 1977 (Eng. Abstr.) **(Scr)**
[Gigant subcapsular hepatic hematoma] Sanchis Closa A, et al. **Rev Esp Enferm Apar Dig** 48(6):739–54, Dec 76 **(Spa)**

DRUG THERAPY

[Non-surgical treatment of early infection after total prothesis] de Mourgues G. **Rev Chir Orthop** 61 Suppl 2:31–2, 1975 **(Fre)**
[Tolerance for and efficacy of the gel 1328 AN in sports injuries] Zuinen C. **Rev Med Liege** 31(5):169–74, 1 Mar 76 **(Fre)**
[Fibrinolytic therapy for postoperative hemomediastinum and hemothorax] Nakagaki M, et al. **Jpn J Thorac Surg** 29(8):601–5, 1 Aug 76 (Eng. Abstr.) **(Jpn)**

EMBRYOLOGY

Genetical and embryological comparison of two mutations which cause foetal blebs in mice. Center EM. **Genet Res** 29(2):147–57, Apr 77

ENZYMOLOGY

[Diagnosis of myocardial infarct by means of a quick determination of the MB fraction of serum creatinephosphokinase] Noble J, et al. **Schweiz Med Wochenschr** 106(51):1867–70, 18 Dec 76 (Eng. Abstr.) **(Fre)**

ETIOLOGY

The femoral artery-predilection site for iatrogenic vascular injuries. Causes and therapy. Griesenbeck K, et al. **Acta Chir Belg** 76(3):305–8, May–Jun 77
Wound healing and complications of the liver after percutaneous transhepatic cholangiography. Mori W, et al. **Acta Hepatogastroenterol (Stuttg)** 24(2):86–92, Apr 77
Complications from the pacemaker pocket. Prophylaxis, treatment and results. Castberg T. **Acta Med Scand [Suppl]** (596):51–4, 1976
Angiographic contribution to the problem of enlargement of cerebral arteriovenous malformations. Krayenbühl HA. **Acta Neurochir (Wien)** 36(3–4):215–42, 1977
Double-lumen balloon catheter. Jensen R, et al. **Acta Radiol [Diagn] (Stockh)** 17(6):886–90, Nov 76
Computed tomography of intracerebral hematomas. I. Transmission CT observations on hematoma resolution. Dolinskas CA, et al. **AJR** 129(4):681–8, Oct 77
Computed tomography in the diagnosis of subcapsular and perirenal hematoma. Schaner EG, et al. **AJR** 129(1):83–8, Jul 77
Transhepatic obliteration of gastroesophageal varices: results in acute and nonacute bleeders. Viamonte M Jr, et al. **AJR** 129(2):237–41, Aug 77
Complications of vasectomies. Finkbeiner AE, et al. **Am Fam Physician** 15(3):86–9, Mar 77
Spinal cord compression and hematoma: an unusual complication in a hemophiliac infant. Cromwell LD, et al. **Am J Roentgenol** 128(5):847–9, May 77
Intramural hematoma of the gastrointestinal tract. Hughes CE 3d, et al. **Am J Surg** 133(3):276–9, Mar 77
Hemorrhagic complications of cerebral arteritis. Edwards KR. **Arch Neurol** 34(9):549–52, Sep 77
Organizing hematoma in a child presenting as a 'doughnut lesion' on nuclear scan. Case report. Harris VJ, et al. **Childs Brain** 3(4):213–8, 1977
Intramural hematoma of the esophagus: a complication of carbon tetrachloride intoxication with acute renal failure. Tschöpe W, et al. **Clin Nephrol** 6(6):526–8, Dec 76
Sickle cell cephalohaematoma. Ndugwa CM, et al. **East Afr Med J** 53(9):545–8, Sep 76
treatment:treatment. **Eur Urol** 1(1):3–13, 1975
Mesenteric hematoma--meckel's diverticulum: a rare laparoscopic complication. Karam KS, et al. **Fertil Steril** 28(9):1003–5, Sep 77
Intramural hematoma of the alimentary tract in two hemophilic children. Kahn A, et al. **Helv Paediatr Acta** 31(6):503–7, Apr 77
Retrovesical hematoma with intraperitoneal rupture after vaginal repair. Georghiou P, et al. **Int Surg** 61(8):394–5, Aug 76
Closed renal trauma. Veroux G, et al. **Int Surg** 62(3):155–60, Mar 77
Management of bleeding and associated complications of hemophilia in the hand and forearm. Lancourt JE, et al. **J Bone Joint Surg [Am]** 59(4):451–60, Jun 77
Common carotid artery stenosis due to subintimal hematoma following blunt trauma to the neck. Report of a case. González A. **J Cardiovasc Surg (Torino)** 18(3):297–301, May–Jun 1977
Complications of the tunnel-graft procedure for attachment of a hairpiece: a review of 100 cases. Bendl BJ. **J Dermatol Surg Oncol** 3(3):329–31, May–Jun 77
Posttraumatic hematoma beneath the epineurium of a branch of the median nerve. Case report. Polis L, et al. **J Neurosurg** 46(4):542–3, Apr 77
Retropharyngeal hematoma secondary to minor blunt trauma in the elderly patient. O'Neill JV, et al. **J Otolaryngol** 6(1):43–6, Feb 77
Laparoscopic sterilization with spring-loaded clips: double-puncture technique. Lieberman BA, et al.

J Reprod Med 18(5):241–5, May 77

Ruptured thoracic aorta due to blunt trauma. Ayella RJ, et al. **J Trauma** 17(3):199–205, Mar 77

Dissecting hematoma of the internal carotid artery following chiropractic cervical manipulation. Beatty RA. **J Trauma** 17(3):248–249, Mar 77

Large prostatic hematomas associated with carcinoma of the prostate. Morganstern S, et al. **J Urol** 117(5):622–3, May 77

Intramural esophageal hematoma in a hemophiliac. An unusual cause of gastrointestinal bleeding. Oldenburger D, et al. **JAMA** 237(8):800, 21 Feb 77

Venepuncture nerve injuries [letter] Hamlyn AN. **Lancet** 2(8027):39, 2 Jul 77

Ultrasonography in the management of haemophilia. McVerry BA, et al. **Lancet** 1(8017):872–4, 23 Apr 77

Androgens in the anaemia of chronic renal failure. von Hartitzsch B, et al. **Nephron** 18(1):13–20, 1977

Postmortem examination of patients with non-surgically treated ruptured aneurysms. Nishijima Y, et al. **Neurol Med Chir (Tokyo)** 16(PT1):97–104, 1976

Bilateral mandibular swellings in sickle cell anemia. Gillen GH, et al. **NY J Dent** 46(6):196–8, Jun–Jul 76

Early complications after mild head injuries. Jennett B. **NZ Med J** 84(570):144–7, 25 Aug 76

Rhytidectomy: a statistical analysis. Baker TJ, et al. **Plast Reconstr Surg** 59(1):24–30, Jan 77

A review of 324 rhytidectomies, emphasizing complications and patient dissatisfaction. Leist FD, et al. **Plast Reconstr Surg** 59(4):525–9, Apr 77

A rhytidectomy series. Stark RB. **Plast Reconstr Surg** 59(3):373–8, Mar 77

The study of hematomas in 500 consecutive face lifts. Straith RE, et al. **Plast Reconstr Surg** 59(5):694–8, May 77

Common injuries to the ear. English GM. **Primary Care** 3(3):507–20, Sep 76

Pulmonary lesions caused by blunt chest injury. Broks PD, et al. **Radiol Clin (Basel)** 46(4):275–80, 1977

Dissecting hematoma of the aorta secondary to blunt chest trauma. Faraci RM, et al. **Radiology** 123(3):569–74, Jun 77

Complications of total hip replacement. Green DL. **South Med J** 69(12):1559–64, Dec 76

Surgical treatment of intracranial hematoma and hydrocephalus in an infant with hemophilia A. Matsuda M, et al. **Surg Neurol** 7(4):199–203, Apr 77

Case profile: angiographic view of delayed subcapsular hematoma after renal trauma. Pierre-Louis C. **Urology** 9(5):579, May 77

Bite-marks on battered children. Trube-Becker E. **Z Rechtsmed** 79(1):73–8, 21 Jan 77 (Eng. Abstr.)

[Unusual observations on penis fractures] Báňa J, et al. **Rozhl Chir** 55(9):608–11, Sep 76 (Eng. Abstr.) **(Cze)**

[Dermal changes caused by foreign body migration in the subcutis] Cernohorský J, et al. **Sb Ved Pr Lek Fak Karlovy Univ [Suppl]** 18(3):525–30, 1975 (Eng. Abstr.) **(Cze)**

[Complications of lumbar sympathectomy. Retrospective study of 791 patients] Goldstein M, et al. **Acta Chir Belg** 76(1):73–9, Jan 77 (Eng. Abstr.) **(Fre)**

[Contusions of the scrotum and its contents. Report of 13 operated cases (author's transl)] Elhadad A, et al. **Ann Chir** 31(6):455–61, Jun 77 (Eng. Abstr.) **(Fre)**

[Intra-mural hematomas of the digestive tract under anti-coagulant treatment. Two new cases, one duodeno-jejunal, the other ileocaecal, cured by intestinal resection, partial duodeno-jejunectomy, on the one hand, and right hemicolectomy on the other hand (author's transl)] Reynier J, et al. **Ann Chir** 31(2):169–76, Feb 77 (Eng. Abstr.) **(Fre)**

[Principal complications and factors for failure of rhinoplasty] Sénéchal G. **Ann Otolaryngol Chir Cervicofac** 93(9):597–9, Sep 76 **(Fre)**

[Duodenal intramural hematomas of pancreatic origin (author's transl)] Essioux H, et al. **Arch Fr Mal App Dig** 65(4):271–5, Jun 76 (Eng. Abstr.) **(Fre)**

[Intra-mural duodenal hematomas of pancreatic origin] Malafosse M, et al. **Chirurgie** 103(3):189–98, 1977 (Eng. Abstr.) **(Fre)**

[Apropos of the communication of Mr. Malafosse and colleagues on intra-mural duodenal hematomas of pancreatic origin] Roy B. **Chirurgie** 103(4):286–7, 1977 **(Fre)**

[Ruptured aneurysms of the sub-renal abdominal aorta] Cormier JM, et al. **J Chir (Paris)** 112(5):115–30, Sep 76 (Eng. Abstr.) **(Fre)**

[Rupture of the subclavian artery. Apropos of a case] Watelet J, et al. **J Chir (Paris)** 112(1–2):37–46, Jul–Aug 76 (Eng. Abstr.) **(Fre)**

[Spontaneous sub-capsular haematoma of the liver compressing the hepatic veins. Angiographic diagnosis (author's transl)] L'Herminé C, et al. **J Radiol Electrol Med Nucl** 10(57):747–52, Oct 76 (Eng. Abstr.) **(Fre)**

[An accident related to a seat belt. Lymphocoele and extrinsic stenosis of the ureter in a transplant patient. Reparative surgery (author's transl)] Sarramon JP, et al. **J Urol Nephrol (Paris)** 82(7–8):601–5, Jul–Aug 76 (Eng. Abstr.) **(Fre)**

[Hepatic puncture biopsy by the transjugular route] Lebrec D, et al. **Nouv Presse Med** 5(9 Oct 76):2135–7, 9 Oct 76 (Eng. Abstr.) **(Fre)**

[Hypodermic migrant myiasis with intracerebral hematoma. Apropos of a case in a 7-year-old child] Gilly R, et al. **Pediatrie** 31(1):67–75, Jan–Feb 76 (Eng. Abstr.) **(Fre)**

[Non-surgical treatment of early infection after total prothesis] de Mourgues G. **Rev Chir Orthop** 61 Suppl 2:31–2, 1975 **(Fre)**

[A case of aggressive exostosis] Bussière JL, et al. **Rev Rhum Mal Osteoartic** 44(3):183–6, Mar 77 **(Fre)**

[Plurifocal angiomyolipoma of the kidney revealed by severe hemorrhage] Boiselle JC, et al. **Sem Hop Paris** 52(40):2295–6, 23 Nov 76 **(Fre)**

[Aerosinusitis (author's transl)] Mann W, et al. **Arch Otorhinolaryngol (NY)** 214(2):167–73, 15 Nov 76 (Eng. Abstr.) **(Ger)**

[Intravital microscopic studies on the selective coagulation of small vessels by means of the argon laser] Boergen KP, et al. **Ber Dtsch Ophthalmol Ges** 74:428–34, 1977 **(Ger)**

[Follow-up of patients who underwent reduction mammoplasty according to Strombeck between 1972 and 1975. Postoperative complications and results. Modification of the technique. Postoperative mammographic results (author's transl)] Werner C, et al. **Geburtshilfe Frauenheilkd** 37(7):566–71, Jul 77 (Eng. Abstr.) **(Ger)**

[Results of coloscopy of polypectomy in the years 1974–1975 at the Basel county hospital] Wyss G, et al. **Schweiz Med Wochenschr** 107(3):68–72, 22 Jan 77 (Eng. Abstr.) **(Ger)**

[Urologic aspects of retroperitoneal hematoma (author's transl)] Wagenknecht LV. **Urologe [A]** 16(1):9–14, Jan 77 (Eng. Abstr.) **(Ger)**

[Surgical therapy of varicose veins of the lower limb (author's transl)] Navratil J. **Wien Klin Wochenschr** 88(22):745–7, 26 Nov 76 (Eng. Abstr.) **(Ger)**

[An additional nerv-lesion in cases of total hip replacement (author's transl)] Hünerberg V, et al. **Z Orthop** 115(3):396–7, Jun 77 (Eng. Abstr.) **(Ger)**

[Accidents during local anesthesia] Wörner H. **ZWR** 86(2):57–60, 25Jan 77 **(Ger)**

[Intramural duodenal hematoma of traumatic origin] Iván P, et al. **Magy Traumatol Orthop** 19(4):296–300, 1976 (Eng. Abstr.) **(Hun)**

[Complications of retrograde arterial catheterization using the percutaneous femoral route. Observations on 4,686 cases] Chioin R, et al. **Minerva Cardioangiol** 24(7–8):506–11, Jul–Aug 76 (Eng. Abstr.) **(Ita)**

[Supramammary hematoma due to rupture of the varices of the superficial collateral circulation in a patient with cirrhosis] Palmas F, et al. **Minerva Gastroenterol** 22(4):329–31, Oct–Dec 76 (Eng. Abstr.) **(Ita)**

[Post-traumatic pulmonary hematoma] Boltro E, et al. **Minerva Med** 68(12):761–8, 10 Mar 77 (Eng. Abstr.) **(Ita)**

[Selective arteriography of the carotid and vertebral arteries by the femoral route: review of 225 patients (author's transl)] Caresano A, et al. **Radiol Med (Torino)** 63(3):225–32, Mar 77 **(Ita)**

[Effects of norepinephrine and phentolamine on acute intracranial hypertension] Hayashi M, et al. **Brain Nerv** 28(2):143–9, Feb 76 (Eng. Abstr.) **(Jpn)**

[Urinary tract involvement in hemophilia] Kono A, et al. **Jpn J Clin Radiol** 22(5):465–9, May 77 **(Jpn)**

[Acute traumatic intracranial hematoma in infancy and childhood –1. General introduction and discussion (author's tranls)] Makino H, et al. **Neurol Med Chir (Tokyo)** 17(3 Pt 2):187–93, May 77 (Eng. Abstr.) **(Jpn)**

[Acute intracerebellar hematoma caused by arteriovenous malformation--a case report (author's transl)] Akagi K, et al. **Neurol Surg (Tokyo)** 5(5):485–9, May 77 (Eng. Abstr.) **(Jpn)**

[Computerized tomography (CT), EMI scanner, in the diagnosis of acute traumatic intracranial hematomas (author's transl)] Kawamura H, et al. **Neurol Surg (Tokyo)** 5(7):749–60, Jun 77 (Eng. Abstr.) **(Jpn)**

[Spontaneous intracerebral hematomas--in relation to small angiomatous malformations (author's transl)] Saito Y. **Neurol Surg (Tokyo)** 5(2):103–12, Feb 77 **(Jpn)**

[Traumatic false aneurysm and arteriovenous fistula involving the middle meningeal artery–a case combined with intracerebral hematoma (author's transl)] Watanabe H, et al. **Neurol Surg (Tokyo)** 4(11):1101–6, Nov 76 (Eng. Abstr.) **(Jpn)**

[Lung concussion in radiological examinations (author's transl)] Stankiewicz S, et al. **Pol Przegl Radiol** 41(2):123–6, Mar–Apr 77 (Eng. Abstr.) **(Pol)**

[Experience with conducting transcutaneous kidney biopsy in a cardiology clinic] Kozdoba OA, et al. **Kardiologiia** 16(11):143–6, Nov 76 (Eng. Abstr.) **(Rus)**

[Hemomediastinum in thyroid neoplasms] Rodríguez Doreste OL, et al. **Rev Clin Esp** 141(6):573–7, 30 Jun 76 **(Spa)**

FAMILIAL & GENETIC

Genetical and embryological comparison of two mutations which cause foetal blebs in mice. Center EM. **Genet Res** 29(2):147–57, Apr 77

METABOLISM

Neonatal jaundice. Amanullah A. **Am J Dis Child** 130(11):1274–80, Nov 76 (55 ref.)

[Postoperative and post-traumatic coagulation disorders: diagnosis and treatment. 1. Pathogenesis, clinical classification, diagnosis] Marx R. **Fortschr Med** 95(10):603–7, 10 Mar 77 **(Ger)**

[Experimental study of amino acid metabolism in the brain during the process of recovery from cerebrovascular disorders] Nakama M, et al. **Jpn J Geriatr** 14(1):44–9, Jan 77 (Eng. Abstr.) **(Jpn)**

OCCURRENCE

Topical thrombin and control of wound haematoma. Jasani B, et al. **Lancet** 2(8033):332–3, 13 Aug 77

Experience with subcutaneous mastectomy. Woods JE, et al. **Surgery** 80(4):422–5, Oct 76

PATHOLOGY

Rapid blastic transformation and early ectopic proliferation of hyperdiploid myeloblasts in chronic myeloid leukemia. Killmann SA, et al. **Eur J Cancer** 12(10):763–6, Oct 76

Rapid blastic transformation and early ectopic proliferation of hyperdiploid myeloblasts in chronic myeloid leukemia. Killmann SA, et al. **Eur J Cancer** 12(10):763–6, Oct 76

A comparative trial of subcutaneous sodium and calcium heparin as assessed by local haematoma formation and pain. pp. 361–6. Whitehead MI, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Dissecting hematoma of corpus spongiosum and urinary bladder rupture in a stallion. Firth EC.
J Am Vet Med Assoc 169(8):800–1, 15 Oct 76

Brachial-artery rupture in Ehlers–Danlos syndrome: an unusual cause of high median-nerve palsy. A case report. Bowers WH, et al. **J Bone Joint Surg [Am]** 58(7):1025–6, Oct 76

Hemophilic pseudotumors of the mandible. Mulkey TF.
J Oral Surg 35(7):561–8, Jul 77

The sternomastoid 'tumor' of infancy. Krugman ME, et al.
J Otolaryngol 5(6):523–9, Dec 76

Persistent post-traumatic pseudosheath formation secondary to a movable organized blood clot. Vecchione TR.
J Trauma 17(6):481–2, Jun 77

Cerebellar hemorrhage with decreased absorption values on computed tomography: a case report. Kasdon DL, et al.
Neuroradiology 13(5):265–6, 29 Jul 77

Ring blush associated with intracerebral hematoma. Zimmerman RD, et al. **Radiology** 122(2 Suppl):707–11, Mar 77

[Place of the splanchnic nerves in the pathogenesis of shock due to retroperitoneal hematoma (author's transl)] Chometowski S, et al. **J Chir (Paris)** 113(2):221–6, 1977 (Eng. Abstr.) **(Fre)**

[Forensic applications of human skin spectral remission analysis employing a movable integrated sphere (author's transl)] Blazek V. **Z Rechtsmed** 79(1):47–62, 21 Jan 77 (Eng. Abstr.) **(Ger)**

[Clinico–pathological study of ruptured intracranial aneurysm in acute stage. Clinical review of cases admitted with 24 hours after the attack and postmortem study of the acute death (author's transl)] Koba T, et al.
Neurol Med Chir (Tokyo) 17 Pt. 2(4):343–9, Jul 77 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Disorders in cerebellar ocular motor control. II. Macrosaccadic oscillation. An oculographic, control system and clinico–anatomical analysis. Selhorst JB, et al. **Brain** 99(3):509–22, Sep 76

Early prognosis in head injury based on motor posturing, oculocephalic reflexes, and intracranial pressure. pp. 27–30. Becker DP, et al.
In: McLaurin RL, ed. Head injuries. New York, Grune & Stratton, 1976. W3 C155E 1975h.

The effects of steroid instillations and hematomas on the pseudosheaths around miniature breast implants in rats. Moucharafieh BC, et al. **Plast Reconstr Surg** 59(5):720–3, May 77

[Hypertensive intracerebral hemorrhage its diagnosis and operative indication (author's transl)] Ito Z. **Brain Nerv** 28(3):227–44, Mar 76 **(Jpn)**

[Study of cerebral microcirculation by serial fluorescein cortical angiography. (Part 2) Pathology and classification of microcirculation] Kawase T. **Brain Nerv** 29(3):289–99, Mar 77 (Eng. Abstr.) **(Jpn)**

[Clinicopathological studies of the vegetative state--distinction between the vegetative state and brain death] Ogashiwa M, et al. **Brain Nerv** 28(9):901–12, Sep 76 (Eng. Abstr.) **(Jpn)**

[Volumetric changes in the intracranial media in hematomas in the intracranial space] Filippova EM. **Voen Med Zh** (7):27–30, Jul 76 **(Rus)**

PREVENTION & CONTROL

Hypertension and haematomas: prophylaxis with apresoline. Mara JE, et al. **Br J Plast Surg** 30(2):169–70, Apr 77

Prevention of thromboembolic phenomena. Sakai DN, et al.
Clin Orthop (121):108–12, Nov–Dec 76

Topical thrombin and control of wound haematoma. Jasani B, et al. **Lancet** 2(8033):332–3, 13 Aug 77

Surgery of hemophiliacs--20 years' experience. Invited commentary. Post M. **World J Surg** 1(1):67, Jan 77

[Reappraisal of the problem of hair transplantation (author's transl)] Vandeput JJ, et al. **Acta Chir Belg** 75(6):567–73, 1976 (Eng. Abstr.) **(Dut)**

[In vivo studies on the effect of alpha chymotrypsin on hemostasis] Meyer FU, et al. **Stomatol DDR** 27(2):89–92, Feb 77 (Eng. Abstr.) **(Ger)**

[Wound drainage in the prevention of surgical wound infection following artificial pacemaker implantation] Starzewski J, et al. **Wiad Lek** 30(1):1–3, 1 Jan 77 (Eng. Abstr.) **(Pol)**

[Prevention of birth injuries] Grčić R. **Nar Zdrav** 32(3–4):156–9, Mar–Apr 76 **(Scr)**

RADIOGRAPHY

Computed tomography of intracerebral hematomas. II. Radionuclide and transmission CT studies of the perihematoma region. Dolinskas CA, et al. **AJR** 129(4):689–92, Oct 77

Computed tomography of intracerebral hematomas. I. Transmission CT observations on hematoma resolution. Dolinskas CA, et al. **AJR** 129(4):681–8, Oct 77

Computed tomography in the diagnosis of subcapsular and perirenal hematoma. Schaner EG, et al. **AJR** 129(1):83–8, Jul 77

Spinal cord compression and hematoma: an unusual complication in a hemophiliac infant. Cromwell LD, et al.
Am J Roentgenol 128(5):847–9, May 77

Nonoperative management of hemobilia. Lockwood TE, et al. **Ann Surg** 185(3):335–40, Mar 77

Intracerebral hematoma and computerized tomography [letter] Aita JF. **Arch Neurol** 34(7):451–2, Jul 77

Case of the month case No. 22. Walsh SI. **Ariz Med** 34(6):398–401, Jun 77

Computer tomography of traumatic extracerebral lesions. Svendsen P. **Br J Radiol** 49(588):1004–12, Dec 76

Intracranial aneurysms: a clinical, angiographic and computerized tomographic study. Weir B, et al.
Can J Neurol Sci 4(2):99–105, May 77

Role of computerized axial tomography in diagnosis and treatment of common neurosurgical problems of infancy and childhood. Epstein F, et al. **Childs Brain** 2(2):111–31, 1976

Subcapsular mass compressing the surface of the kidney.
IMJ 152(2):90, 115, Aug 77

Bilateral intrarenal hematomas from anticoagulants. Hidvegi RS. **J Can Assoc Radiol** 27(4):250–4, Dec 76

Computerized tomography: management of acute head trauma. Kishore PR, et al. **J Kans Med Soc** 78(3):105–8, Mar 77

Retropharyngeal hematoma secondary to minor blunt trauma in the elderly patient. O'Neill JV, et al. **J Otolaryngol** 6(1):43–6, Feb 77

Nonoperative treatment of duodenal hematomata in childhood. Holgersen LO, et al. **J Pediatr Surg** 12(1):11–7, Feb 77

CAT scan of the month. Gammill SL. **J Tenn Med Assoc** 70(5):336–342, May 77

Percutaneous control of post-traumatic hepatic hemorrhage by gelfoam embolization. Bass EM, et al. **J Trauma** 17(1):61–3, Jan 77

Large prostatic hematomas associated with carcinoma of the prostate. Morganstern S, et al. **J Urol** 117(5):622–3, May 77

Cerebellar hemorrhage with decreased absorption values on computed tomography: a case report. Kasdon DL, et al. **Neuroradiology** 13(5):265–6, 29 Jul 77

Computed tomography and subarachnoid hemorrhage. Liliequist B, et al. **Neuroradiology** 14(1):21–6, 25 Aug 77

Computed tomography in ophthalmology. Density changes with orbital lesions. Wackenheim A, et al. **Neuroradiology** 13(3):135–8, 31 May 77

Computed tomography or orbital lesions. A cooperative study of 210 cases. Wende S, et al. **Neuroradiology** 13(3):123–34, 31 May 77

Total body opacification and the adrenal [letter]. Stanley P. **Pediatr Radiol** 5(1):58, 26 Oct 76

Critical evaluation of renal masses' angiography. Chiesa GM, et al. **Radiol Clin (Basel)** 46(3):165–84, 1977

The pear-shaped bladder. Ambos MA, et al. **Radiology** 122(1):85–8, Jan 77 (14 ref.)

Computed tomography of abdominal mass lesions in children. Initial experience. Boldt DW, et al. **Radiology** 124(2):371–8, Aug 77

Computed tomography in head trauma. Dublin AB, et al. **Radiology** 122(2):365–9, Feb 77

Dissecting hematoma of the aorta secondary to blunt chest trauma. Faraci RM, et al. **Radiology** 123(3):569–74, Jun 77

Evaluation of head trauma by computed tomography. Koo AH, et al. **Radiology** 123(2):345–50, May 77

Accuracy of computed tomography of the liver and biliary tract. Levitt RG, et al. **Radiology** 124(1):123–8, Jul 77

Analysis of the dense lesion at computed tomography with dual kVp scans. Marshall WH Jr, et al. **Radiology** 124(1):87–9, Jul 77

The radiological investigation of hepatic tumors in childhood. Miller JH, et al. **Radiology** 124(2):451–8, Aug 77

Ring blush associated with intracerebral hematoma. Zimmerman RD, et al. **Radiology** 122(2 Suppl):707–11, Mar 77

Computerised axial tomography of the head. Danziger J, et al. **S Afr Med J** 50(36):1398–402, 21 Aug 76

Spontaneous renal hemorrhage. Funston MR, et al. **Urology** 8(6):610–7, Dec 76

Case profile: angiographic view of delayed subcapsular hematoma after renal trauma. Pierre-Louis C. **Urology** 9(5):579, May 77

Pseudotumor of kidney. Rankin RS, et al. **Urology** 10(1):68–70, Jul 77

[Interest and limits of arteriography in one case of abdomino-pelvic trauma (author's transl)] Champetier J, et al. **J Chir (Paris)** 113(3):59–66, 1977 (Eng. Abstr.) **(Fre)**

[Diagnostic significance of the study of mediastinal lines in frontal thoracic radiography] Caron J, et al. **J Radiol Electrol Med Nucl** 57(12):911–5, Dec 76 **(Fre)**

[Radiologic anatomy of the mediastinum in profile and diagnostic applications] Jarlot D, et al. **J Radiol Electrol Med Nucl** 57(12):916–21, Dec 76 **(Fre)**

[Arteriography in liver injuries of long standing] Lamarque JL, et al. **J Radiol Electrol Med Nucl** 57(8–9):650–3, Aug–Sep 76 **(Fre)**

[Deformities and displacements of the bladder of an extrinsic nature. Applications of the vector principle] Lemaitre G, et al. **J Radiol Electrol Med Nucl** 58(4):291–5, Apr 77 (Eng. Abstr.) **(Fre)**

[Spontaneous sub-capsular haematoma of the liver compressing the hepatic veins. Angiographic diagnosis (author's transl)] L'Herminé C, et al. **J Radiol Electrol Med Nucl** 10(57):747–52, Oct 76 (Eng. Abstr.) **(Fre)**

[Angiographic aspects of iatrogenic injuries of the liver] Régent D, et al. **J Radiol Electrol Med Nucl** 57(8–9):654–5, Aug–Sep 76 **(Fre)**

[An intramural hematoma of the small intestine, during anticoagulant therapy: radiological course. Concerning one case] Schutz JF, et al. **J Radiol Electrol Med Nucl** 58(3):221–6, Mar 77 (Eng. Abstr.) **(Fre)**

[Injuries of the spleen] Wenz W. **J Radiol Electrol Med Nucl** 57(8–9):664–7, Aug–Sep 76 **(Fre)**

[Arteriovenous malformation of the dura and spontaneous intracerebral hematoma (author's transl)] Sartor K, et al. **Fortschr Neurol Psychiatr** 44(12):702–5, Dec 76 (Eng. Abstr.) **(Ger)**

[Suction-radiography in mammography (author's transl)] Czech W, et al. **Roentgenblaetter** 30(3):139–51, Mar 77 (Eng. Abstr.) **(Ger)**

[Urologic aspects of retroperitoneal hematoma (author's transl)] Wagenknecht LV. **Urologe [A]** 16(1):9–14, Jan 77 (Eng. Abstr.) **(Ger)**

[Angiography of the carotid arteries in craniocerebral injuries performed in a regional hospital] Garlipp M. **Z Aerztl Fortbild (Jena)** 70(13–14):684–7, 15 Jul 76 **(Ger)**

[Hypertensive intracerebral hemorrhage its diagnosis and operative indication (author's transl)] Ito Z. **Brain Nerv** 28(3):227–44, Mar 76 **(Jpn)**

[Thalamic hemorrhage –clinical classification based on the CT findings and its surgical treatment– (author's transl)] Kagawa Y, et al. **Neurol Med Chir (Tokyo)** 17(3 Pt 2):243–51, May 77 (Eng. Abstr.) **(Jpn)**

[Acute intracerebellar hematoma caused by arteriovenous malformation—a case report (author's transl)] Akagi K, et al. **Neurol Surg (Tokyo)** 5(5):485–9, May 77 (Eng. Abstr.) **(Jpn)**

[Computerized tomography (CT), EMI scanner, in the diagnosis of acute traumatic intracranial hematomas (author's transl)] Kawamura H, et al. **Neurol Surg (Tokyo)** 5(7):749–60, Jun 77 (Eng. Abstr.) **(Jpn)**

[A study of hypertensive intracerebral hemorrhage (1)–computerized tomographic survey on developmental process of the hematoma (author's transl)] Miura N, et al. **Neurol Surg (Tokyo)** 5(8):845–54, Jul 77 (Eng. Abstr.) **(Jpn)**

[Spontaneous intracerebral hematomas—in relation to small angiomatous malformations (author's transl)] Saito Y. **Neurol Surg (Tokyo)** 5(2):103–12, Feb 77 **(Jpn)**

[Computerized transverse axial tomography in intracerebral, intracerebellar and intraventricular hemorrhage (author's transl)] Yamamoto M, et al. **Neurol Surg (Tokyo)** 5(4):333–41, Apr 77 (Eng. Abstr.) **(Jpn)**

[Case of false meningeal hematoma in a patient with meningioma of the cerebral convexity] Woźniak M, et al. **Neurol Neurochir Pol** 11(2):259–62, Mar–Apr 77 (Eng. Abstr.) **(Pol)**

RADIOTHERAPY

[Hemophilic pseudotumor, misdiagnosed as reticulum-cell sarcoma] Bachmann O. **Helv Chir Acta** 43(5–6):649–54, Dec 76 **(Ger)**

SURGERY

The femoral artery–predilection site for iatrogenic vascular injuries. Causes and therapy. Griesenbeck K, et al. **Acta Chir Belg** 76(3):305–8, May–Jun 77

Intramural hematoma of the gastrointestinal tract. Hughes CE 3d, et al. **Am J Surg** 133(3):276–9, Mar 77

Intramural hematoma of the duodenum. Margolis IB, et al. **Am J Surg** 132(6):779–83, Dec 76

Surgery in patients with congenital disorders of blood coagulation. Krieger JN, et al. **Ann Surg** 185(3):290–4, Mar 77

Renal trauma and hypertension: the role of renin. Spark RF, et al. **Arch Intern Med** 136(10):1097–1100, Oct 76

Disruption of proximal aortosaphenous vein anastomosis. Late complication of aortocoronary bypass surgery. Stone IM, et al. **Chest** 71(4):544–6, Apr 77

Unusual popliteal mass. Hill J, et al. **Ill Med J** 151(2):117–20, Feb 77

Surgical management of some conditions in and about nails. Baran R, et al. **J Dermatol Surg** 2(4):308–12, Sep 76

Hallux-to-thumb transfer with microsurgical technique: a case report in a 45-year-old woman. Tamai S, et al. **J Hand Surg** 2(2):152–5, Mar 77

Early surgical treatment for hypertensive intracerebral hemorrhage. Kaneko M, et al. **J Neurosurg** 46(5):579–83, May 77

Clinical picture and management of subperiosteal hematoma of the orbit. Wolter JR, et al. **J Pediatr Ophthalmol** 13(3):136–8, May 76

Ruptured thoracic aorta due to blunt trauma. Ayella RJ, et al. **J Trauma** 17(3):199–205, Mar 77

Persistent post-traumatic pseudosheath formation secondary to a movable organized blood clot. Vecchione TR. **J Trauma** 17(6):481–2, Jun 77

Pseudorejection: the Page kidney phenomenon in renal allografts. Cromie WJ, et al. **J Urol** 116(5):658–9, Nov 76

Followup results one year after surgery in patients with hypertensive intracerebral hemorrhage. Sato N, et al. **Neurol Med Chir (Tokyo)** 16(PT1):109–14, 1976

Surgery for the hypertensive intracerebral hematoma --trans-Sylvian approach. Suzuki J, et al. **Neurol Med Chir (Tokyo)** 16(PT1):115–9, 1976

Thalamic hemorrhage: a computed tomographic-clinical correlation. Walshe TM, et al. **Neurology (Minneap)** 27(3):217–22, Mar 77

Complications of closed capsulotomies after augmentation mammaplasty. Laughlin RA, et al. **Plast Reconstr Surg** 60(3):362–3, Sep 77

Current management of pelvic fractures: a combined surgical-angiographic approach to hemorrhage. Maull KI, et al. **South Med J** 69(10):1285–9, Oct 76

Amaurosis fugax. Mungas JE, et al. **Stroke** 8(2):232–5, Mar–Apr 77

Traumatic intracerebral hematoma with stable neurological deficit. Levinthal R, et al. **Surg Neurol** 7(5):269–73, May 77

Surgical treatment of intracranial hematoma and hydrocephalus in an infant with hemophilia A. Matsuda M, et al. **Surg Neurol** 7(4):199–203, Apr 77

Abnormal renal arteriography after renal trauma. Siegel WH, et al. **Urology** 9(3):350–2, Mar 77

[Successful treatment of pons varolii hematoma] Fišer Z, et al. **Cesk Neurol Neurochir** 40(4):269–73, Jul 77 (Eng. Abstr.) **(Cze)**

[Contusions of the scrotum and its contents. Report of 13 operated cases (author's transl)] Elhadad A, et al. **Ann Chir** 31(6):455–61, Jun 77 (Eng. Abstr.) **(Fre)**

[Intra-mural hematomas of the digestive tract under anti-coagulant treatment. Two new cases, one duodeno-jejunal, the other ileocaecal, cured by intestinal resection, partial duodeno-jejunectomy, on the one hand, and right hemicolectomy on the other hand (author's transl)] Reynier J, et al. **Ann Chir** 31(2):169–76, Feb 77 (Eng. Abstr.) **(Fre)**

[Intra-mural duodenal hematomas of pancreatic origin] Malafosse M, et al. **Chirurgie** 103(3):189–98, 1977 (Eng. Abstr.) **(Fre)**

[Apropos of the communication of Mr. Malafosse and colleagues on intra-mural duodenal hematomas of pancreatic origin] Roy B. **Chirurgie** 103(4):286–7, 1977 **(Fre)**

[Crural paralysis complicating anticoagulant therapy and its surgical treatment] Rousselot JP, et al. **Coeur Med Interne** 16(1):53–8, Jan–Mar 77 **(Fre)**

[Interest and limits of arteriography in one case of abdomino-pelvic trauma (author's transl)] Champetier J, et al. **J Chir (Paris)** 113(3):59–66, 1977 (Eng. Abstr.) **(Fre)**

[Rupture of the subclavian artery. Apropos of a case] Watelet J, et al. **J Chir (Paris)** 112(1-2):37–46, Jul–Aug 76 (Eng. Abstr.) **(Fre)**

[An accident related to a seat belt. Lymphocoele and extrinsic stenosis of the ureter in a transplant patient. Reparative surgery (author's transl)] Sarramon JP, et al. **J Urol Nephrol (Paris)** 82(7–8):601–5, Jul–Aug 76 (Eng. Abstr.) **(Fre)**

[Changes in the treatment of acute pancreas necrosis] Hollender LF. **Fortschr Med** 95(15):1029–33, 21 Apr 77 **(Ger)**

[Intramural duodenal hematoma of traumatic origin] Iván P, et al. **Magy Traumatol Orthop** 19(4):296–300, 1976 (Eng. Abstr.) **(Hun)**

[Vascular injury associated with shoulder luxation] Vadász K. **Magy Traumatol Orthop** 20(2):122–5, 1977 (Eng. Abstr.) **(Hun)**

[Hypertensive intracerebral hemorrhage its diagnosis and operative indication (author's transl)] Ito Z. **Brain Nerv** 28(3):227–44, Mar 76 **(Jpn)**

[4 cases of one and a half syndrome' observed following surgery of primary pontine hemmorhage] Koba T, et al. **Brain Nerv** 29(1):75–80, Jan 77 (Eng. Abstr.) **(Jpn)**

[Case of surgically treated intracerebral hematoma due to rupture of mycotic aneurysm] Szuki S, et al. **Clin Neurol (Tokyo)** 16(10):721–6, Oct 76 (Eng. Abstr.) **(Jpn)**

[Thalamic hemorrhage -clinical classification based on the CT findings and its surgical treatment- (author's transl)] Kagawa Y, et al. **Neurol Med Chir (Tokyo)** 17(3 Pt 2):243–51, May 77 (Eng. Abstr.) **(Jpn)**

[Acute intracerebellar hematoma caused by arteriovenous malformation--a case report (author's transl)] Akagi K, et al. **Neurol Surg (Tokyo)** 5(5):485–9, May 77 (Eng. Abstr.) **(Jpn)**

[Traumatic false aneurysm and arteriovenous fistula involving the middle meningeal artery-a case combined with intracerebral hematoma (author's transl)] Watanabe H, et al. **Neurol Surg (Tokyo)** 4(11):1101–6, Nov 76 (Eng. Abstr.) **(Jpn)**

[Coexisting post-traumatic supradural hematoma and ipsilateral subdural hydrocele] Bojarski Z, et al. **Pol Przegl Chir** 49(10):1187–92, Oct 76 (Eng. Abstr.) **(Pol)**

[Planned surgical interventions in patients with hemophilia] Terekhov NT, et al. **Klin Khir** (4):54–8, Apr 77 (Eng. Abstr.) **(Rus)**

[Operative treatment of subcutaneous lesions of the testis] Tarasov NI, et al. **Urol Nefrol (Mosk)** (6):25–7, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Diagnosis and treatment of spontaneous hematomas of the anterior abdominal wall] Petrov VP, et al. **Vestn Khir** 117(8):38–40, Aug 76 (Eng. Abstr.) **(Rus)**

[Scanographic picture of development of spontaneous intracerebral hematoma (report of a case)] Tofović P, et al. **Acta Chir Iugosl** 24(2):161–5, 1977 (Eng. Abstr.) **(Scr)**

THERAPY

Intramural hematoma of the duodenum. Margolis IB, et al. **Am J Surg** 132(6):779–83, Dec 76

Complications of carotid endarterectomy. Dunsker SB. **Clin Neurosurg** 23:336–41, 1976

Intramural hematoma of the alimentary tract in two hemophilic children. Kahn A, et al. **Helv Paediatr Acta** 31(6):503–7, Apr 77

Management of bleeding and associated complications of hemophilia in the hand and forearm. Lancourt JE, et al. **J Bone Joint Surg [Am]** 59(4):451–60, Jun 77

The sternomastoid 'tumor' of infancy. Krugman ME, et al. **J Otolaryngol** 5(6):523–9, Dec 76

Nonoperative treatment of duodenal hematomata in childhood. Holgersen LO, et al. **J Pediatr Surg** 12(1):11–7, Feb 77

Treatment of traumatic myositis ossificans circumscripta; use of aspiration and steroids. Molloy JC, et al. **J Trauma** 16(11):851–7, Nov 76

Common injuries to the ear. English GM **Primary Care** 3(3):507–20, Sep 76

Nonpenetrating thoracic injuries. Wilson RF, et al. **Surg Clin North Am** 57(1):17–36, Feb 77

[Diagnosis and therapeutic approach in traumatic intraumral hematoma of the duodenum in childhood] Khristov Kh, et al. **Khirurgiia (Sofiia)** 29(4):312–5, 1976 **(Bul)**

[Severe retroperitoneal hematomas during anticoagulant therapy] Fournier C, et al. **Ann Med Interne (Paris)** 128(3):307–10, Mar 77 **(Fre)**

[Injuries and emergencies in othorhinolaryngology. Diagnosis and immediate therapy. 1. Injuries of the ear] Collo VD. **Fortschr Med** 95(3):115–8, 20 Jan 77 **(Ger)**

[Urologic aspects of retroperitoneal hematoma (author's transl)] Wagenknecht LV. **Urologe [A]** 16(1):9–14, Jan 77 (Eng. Abstr.) **(Ger)**

VETERINARY

Dissecting hematoma of corpus spongiosum and urinary bladder rupture in a stallion. Firth EC. **J Am Vet Med Assoc** 169(8):800–1, 15 Oct 76

HEMOPHILIA

Classic hemophilia A in a female. Joist JH, et al. **Acta Haematol (Basel)** 58(2):94–102, 1977

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)

Double contrast knee arthrography in children. Dalinka MK, et al. **Clin Orthop** (125):88–93, Jun 77

Total knee replacement in hemophilia. Marmor L. **Clin Orthop** (125):192–5, Jun 77

Behavioral benefits in hemophilia as noted at a special summer camp: observations over a 4-year period. Seeler RA, et al. **Clin Pediatr (Phila)** 16(6):525–9, Jun 77

Health care planning and education via gaming-simulation: a two-stage experiment. Gagnon JH, et al. **Health Educ Monogr** 5 suppl 1:42–52, 1977

Hemophilia. Boxer GJ. **J Indiana State Med Assoc** 70(7):573–80, Jul 77

A measure of acceptance: patients' attitudes to haemophilia. Swinburne L. **Lancet** 1(8020):1048–9, 14 May 77

Hematologic management and surgery in hemophilia. Aledort LM. **Mt Sinai J Med NY** 44(3):371–3, May–Jun 77

Dental treatment for hemophiliacs: evaluation of dental program (1975–1976) at the Mount Sinai Hospital International Hemophilia Training Center. Evans BE.

Mt Sinai J Med NY 44(3):409–37, May–Jun 77
Local hemostatic agents. Evans BE. **NY J Dent** 47(4):109–14, Apr 77
Haemophilia. Jones P. **Physiotherapy** 62(7):214–6, 10 Jun 76
Von Willebrand's disease--history, diagnosis and management. Mammen EF. **Semin Thromb Hemostas** 2(2):61–84, Oct 75
Fatal colitis in a hemophilic patient with inhibitor. Schwartz KA, et al. **South Med J** 70(5):617–9, May 77
[Female hemophilia] Neimann N, et al. **Pediatrie** 32(1):5–18, Jan–Feb 77 (Eng. Abstr.) **(Fre)**
[Hemophilia] Hayet M. **Soins** 22(5):31–6, 5 Mar 77 **(Fre)**
[4–year experience in the treatment and education of children with hemophilia] Dittmer J, et al. **Aerztl Jugendkd** 67(2):106–10, Mar 76 **(Ger)**
[Possibilities for the use of lasers in dental surgery] Grasser H, et al. **Dtsch Zahnaerztl Z** 32(7):512–5, Jul 77 (Eng. Abstr.) **(Ger)**
[Psychology of chronic diseases in children and juveniles. Studies on hemophiliacs handicapped and diabetics] Steinhausen HC. **Fortschr Med** 95(16):1089–92, 28 Apr 77 **(Ger)**
[State of disease and social situation of adult hemophiliacs] Steinhausen HC. **Fortschr Med** 95(18):1231–4, 12 May 77 (Eng. Abstr.) **(Ger)**
[Social behavior and stress–learning capacity of hemophilic patients] Koeppen KM. **Med Welt** 27(43):2033–5, 22 Oct 76 **(Ger)**
[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**
[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**
[Hemostatic management for tonsillectomy in a hemophiliac (author's transl)] Yoshioka A, et al. **Jpn J Clin Hematol** 17(7):788–96, Jul 76 (Eng. Abstr.) **(Jpn)**
[Special aspects of mouth rehabilitation in children with hemophilia] Sadkov SA, et al. **Stomatologiia (Mosk)** 55(3):85–7, May–Jun 76 (Eng. Abstr.) **(Rus)**
[Respect for hemophiliacs] Bergentz S. **Lakartidningen** 74(31):2622, 3 Aug 77 **(Swe)**

BLOOD

Classic hemophilia A in a female. Joist JH, et al. **Acta Haematol (Basel)** 58(2):94–102, 1977
Normotest--thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex and in coumarin–treated patients: a nonspecific phenomenon. Girolami A, et al. **Am J Clin Pathol** 67(1):57–60, Jan 77
Ocular enucleation in a patient with severe classic hemophilia A. Cardamone JM, et al. **Am J Ophthalmol** 82(5):767–9, Nov 76
The laboratory diagnosis of the carrier state for classic hemophilia. Ratnoff OD, et al. **Ann Intern Med** 86(5):521–8, May 77
Acquired circulating anticoagulant in classical hemophilia: treatment with prothrombin concentrate. Rosen R, et al. **Ariz Med** 34(5):340–2, May 77
Assessment of the value of factor VIII procoagulant and antigen ratio in the diagnosis of carriers of haemophilia. D'Souza S, et al. **Aust NZ J Med** 6(3):218–22, Jun 76
The activation of prothrombin complex concentrates by calcium in vitro. Exner T, et al. **Biomedicine [Express]** 27(2):62–5, Mar 77
Circulating anticoagulant in a family with prolonged bleeding time and factor VIII deficiency. Diez–Ewald M, et al. **Blood** 49(5):799–806, May 77
Detection of factor VIII inhibitors with the partial thromboplastin time. Lossing TS, et al. **Blood** 49(5):793–7, May 77
Immunologic evidence that the antihemophilic factor (factor VIII)–like material in hemophilic plasma possesses a nonfunctional low molecular weight subcomponent. Poon MC, et al. **Blood** 50(3):367–76, Sep 77
Changes in electrophoretic mobility of human factor VIII–related antigen: evidence for subunit structure. Ekert H, et al. **Br J Haematol** 36(2):271–9, Jun 77
Relationship of factor VIII–like antigen (VIII AGN) and clot promoting acitivty (VIII AHF) as measured by one– and two–stage assays in patients with liver disease. Rogers JS, et al. **Br J Haematol** 34(4):655–61, Dec 76
A clotting defect in an Arab colt foal. Hinton M, et al. **Equine Vet J** 9(1):1–3, Jan 77
Metabolism of antithrombin III (heparin cofactor) in man: effects of venous thrombosis and of heparin administration. Collen D, et al. **Eur J Clin Invest** 7(1):27–35, Feb 77
In vitro studies on the way in which the activation of factor VIII is affected in mixtures of plasma with hemophilia A plasma. Mingers AM. **Eur J Pediatr** 123(3):199–213, 1 Oct 76
Studies on factor VIII activation potential in hemophilia A–plasma and its significance for the comprehension of hemophilia. Mingers AM. **Eur J Pediatr** 123(3):187–98, 1 Oct 76
Haptoglobin level in haemophiliacs after administration of pooled cold precipitated antihaemophilic globulin. Preliminary report. Veselý V, et al. **Haematologia (Budap)** 10(3–4):379–81, 1976
Localization of factor VIII/Von Willebrand protein on platelets. Electron microscopy study with peroxidase–labelled antibodies. pp. 479–85. Jeanneau C, et al. **In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North–Holland, 1976. W3 I35 no.2 1975.**
Stabilization of factor VIII in plasma by the von Willebrand factor. Studies on posttransfusion and dissociated factor VIII and in patients with von Willebrand's disease. Weiss HJ, et al. **J Clin Invest** 60(2):390–404, Aug 77
The substructure of antihemophilic factor (AHF, factor VIII): some clearing of the fog. Ratnoff OD. **J Lab Clin Med** 89(6):1159–62, Jun 77
Detecting haemophilia carriers [editorial] **Lancet** 2(8033):339–40, 13 Aug 77
Classical haemorphilia in girl with 46, XX karyotype and no family history of bleeding disorder [letter]. Kamiya T, et al. **Lancet** 1(8014):756–7, 2 Apr 77
Disseminated intravascular coagulation and infusion of factor–VIII–inhibitor bypassing activity [letter]. Stenbjerg S, et al. **Lancet** 1(8007):360, 12 Feb 77
Endothelial cells and the biology of factor VIII. Jaffe EA. **N Engl J Med** 296(7):377–83, 17 Feb 77
Radioimmunoassay for measurement of fibrinogen. Mohamed FA, et al. **New Istanbul Contrib Clin Sci** 11(3):119–26, Dec 76
Resistance to activated F IX concentrate (FEIBA). Stenbjerg S, et al. **Scand J Haematol** 18(5):421–6, May 77
Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)
Effect of the root extract of Fagara zanthoxyloides on blood coagulation. Essien EM, et al. **Thromb Haemostas** 36(3):525–31, 31 Dec 76
Factor VIII and factor VIII related antigen in normal South African Blacks and a Black carrier group. Gomperts ED, et al. **Thromb Res** 9(3):293–9, Sep 76
Action of insolubilized homologous anti–factor VIII antibodies on factor VIII–related antigen. Mazurier C, et al. **Thromb Res** 10(5):661–7, May 77
[Comparative study of a factor–VIII inhibitor in a non–hemophylic patient and in a patient with hemophylia A gravis] Mayer C, et al. **Sem Hop Paris** 53(25–28):1511–6, 10–20 Jul 77 (Eng. Abstr.) **(Fre)**
[The hazards of a normal coagulogram] Neemeh JA, et al. **Union Med Can** 106(1):58–60, Jan 77 (Eng. Abstr.) **(Fre)**
[Capacity of activation of so–called deficient factors in hereditary blood coagulation disorders] Mingers AM. **Fortschr Med** 94(30):1723–5, 21 Oct 76 (Eng. Abstr.) **(Ger)**
[Intensive substitution therapy of hemophilics] Weissbach G, et al. **Kinderaerztl Prax** 44(8):360–7, Aug 76 **(Ger)**
[The hemophiliac as a surgical patient (author's transl)] Salzmann G, et al. **Munch Med Wochenschr** 119(20):677–84, 20 May 77 (Eng. Abstr.) **(Ger)**
[Determination of factor VIII inhibitor in hemophiliacs] Mancini AF, et al. **Minerva Pediatr** 28(36):2181–5, 17 Nov 76 (Eng. Abstr.) **(Ita)**
[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**
[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**
[Biochemical aspects of hemophilia] Rutberg RA. **Lab Delo** (3):185–7, 1977 **(Rus)**
[Cytogenetic study of the frequency of chromosomal aberrations in peripheral lymphocyte culture in hemophilia patients] Abilov AN, et al. **Probl Gematol Pereliv Krovi** 22(7):29–31, Jul 77 (Eng. Abstr.) **(Rus)**
[Severe course of hemophilia associated with hypoplastic anemia] Evdokimova AI, et al. **Vopr Okhr Materin Det** 21(4):84–6, Apr 76 **(Rus)**

CHEMICALLY INDUCED

Dextran 40–induced coagulopathy confused with von Willebrand disease. Brodman RF, et al. **Arch Surg** 112(3):321–2, Mar 77

COMPLICATIONS

Haemophlic arthropathy surveyed with whole-body gamma-camera scinitgraphy. Cambouroglou G, et al. **Acta Orthop Scand** 47(6):607-12, Dec 76

Combined deficiencies of Factor VIII (AHF) and Factor XI (PTA). Lian EC, et al. **Am J Hematol** 1(3):319-24, 1976

Ocular enucleation in a patient with severe classic hemophilia A. Cardamone JM, et al. **Am J Ophthalmol** 82(5):767-9, Nov 76

Spinal cord compression and hematoma: an unusual complication in a hemophiliac infant. Cromwell LD, et al. **Am J Roentgenol** 128(5):847-9, May 77

Liver biopsy in hemophilia A. Lesesne HR, et al. **Ann Intern Med** 86(6):703-7, Jun 77

Chronic hepatitis in hemophilia [editorial]. Seeff LB, et al. **Ann Intern Med** 86(6):818-20, Jun 77

Health of the intensively treated hemophiliac, with special reference to abnormal liver chemistries and splenomegaly. Levine PH, et al. **Blood** 50(1):1-9, Jul 77

An immunological investigation of factor VIII associated antigen in combined factor V and factor VIII deficiency. Girolami A, et al. **Blut** 33(2):97-102, Aug 76

Haemophilia Centre Director's annual statistics for 1975 [letter] Biggs R, et al. **Br J Haematol** 36(3):447-9, Jul 77

Relationship of factor VIII-like antigen (VIII AGN) and clot promoting acitivty (VIII AHF) as measured by one- and two-stage assays in patients with liver disease. Rogers JS, et al. **Br J Haematol** 34(4):655-61, Dec 76

Successful treatment with prothrombin complex concentrate of postoperative bleeding in a haemophiliac with a factor VIII inhibitor. Lowe GD, et al. **Br Med J** 2(6044):1110-1, 6 Nov 76

Headache in classical hemophilia. The risk of diagnostic procedures. Curless RG, et al. **Childs Brain** 2(3):187-94, 1976

Total knee replacement in hemophilia. Marmor L. **Clin Orthop** (125):192-5, Jun 77

Chyluria in an adolescent hemophiliac. A discussion of diagnosis and management. Schneider J, et al. **Clin Pediatr (Phila)** 16(10):959-60, Oct 77

Chondrocalcinosis and haemophilia. Jensen PS, et al. **Clin Radiol** 28(4):401-5, Jul 77

Sonography: a method for localization of hematomas in hemophiliacs. Nowotny C, et al. **Haemostasis** 5(3):129-35, 1976

Intramural hematoma of the alimentary tract in two hemophilic children. Kahn A, et al. **Helv Paediatr Acta** 31(6):503-7, Apr 77

Acquired hemophilia: a case report. Seth HK, et al. **J Am Geriatr Soc** 25(2):94-5, Feb 77

Hemophilic arthropathy. Current concepts of pathogenesis and management. Arnold WD, et al. **J Bone Joint Surg [Am]** 59(3):287-305, Apr 77

Management of bleeding and associated complications of hemophilia in the hand and forearm. Lancourt JE, et al. **J Bone Joint Surg [Am]** 59(4):451-60, Jun 77

The locked patella. An unusual complication of haemophilia. Ackroyd CE, et al. **J Bone Joint Surg [Br]** 58-B(4):511-2, Nov 76

Hemophilic pseudotumors of the mandible. Mulkey TF. **J Oral Surg** 35(7):561-8, Jul 77

Ultrastructure of the haemophilic synovial membrane and electron-probe X-ray analysis of haemosiderin. Ghadially FN, et al. **J Pathol** 120(4):201-8, Dec 76

Coexistent hemophilia A and idiopathic thrombocytopenic purpura. Hruby MA. **J Pediatr** 90(5):773-5, May 77

Computerized tomography in the management of intracranial bleeding in hemophilia. Kinney TR, et al. **J Pediatr** 91(1):31-5, Jul 77

Hemophilia: a psychological study in chronic disease in juveniles. Steinhausen HC. **J Psychosom Res** 20(5):461-7, 1976

Intramural esophageal hematoma in a hemophiliac. An unusual cause of gastrointestinal bleeding. Oldenburger D, et al. **JAMA** 237(8):800, 21 Feb 77

Head injury in hemophiliacs [letter]. Penner JA, et al. **JAMA** 237(7):641, 14 Feb 77

Ultrasonography in the management of haemophilia. McVerry BA, et al. **Lancet** 1(8017):872-4, 23 Apr 77

Hemophilia and the nervous system. Gendelman S. **Mt Sinai J Med NY** 44(3):402-8, May-Jun 77

Reconstructive surgery in the hemophiliac. Gilbert MS. **Mt Sinai J Med NY** 44(3):374-88, May-Jun 77

Musculoskeletal manifestations of hemophilia. Gilbert MS. **Mt Sinai J Med NY** 44(3):339-58, May-Jun 77

Hemophilia: anesthetic implications. Hyderally H, et al. **Mt Sinai J Med NY** 44(3):397-9, May-Jun 77

Psychiatric aspects of hemophilia. Jonas DL. **Mt Sinai J Med NY** 44(3):457-63, May-Jun 77

Carpal tunnel syndrome in hemophilia. Khunadorn N, et al. **NY State J Med** 77(8):1314-5, Jul 77

Infection in hemophilia. Local bleeding and prophylactic treatment. Tourbaf KD, et al. **NY State J Med** 76(12):2034-6, Nov 76

Orthopedic surgery and the hemophiliac today. Arnold WD. **ONA J** 3(10):293-5, Oct 76

Hemophilic arthropathy of the foot and ankle. Zimbler S, et al. **Orthop Clin North Am** 7(4):985-97, Oct 76

Minor wounds in the hemophiliac patient. Joehl RJ, et al. **Pa Med** 80(4):56-7, Apr 77

Splinting in haemophilia. Cole S. **Physiotherapy** 62(7):221, 10 Jun 76

Physiotherapy in haemophilia. Cole S, et al. **Physiotherapy** 62(7):217-21, 10 Jun 76

Haemophilia. Jones P. **Physiotherapy** 62(7):214-6, 10 Jun 76

Intraperitoneal and retroperitoneal hemorrhage. McCort JJ. **Radiol Clin North Am** 14(3):391-405, Dec 76

Renal disorders in haemophilia A and B. Forbes CD, et al. **Scand J Haematol** (30):43-50, 1977

Modifications of factor VIII related antigen in hemophiliacs with acute hepatitis and sub-clinical liver disease. Sultan Y, et al. **Scand J Haematol** (30):16-26, 1977

Jaundice and hepatitis B surface antigen and antibody in Greek haemophiliacs. Yannitsiotis A, et al. **Scand J Haematol** (30):11-5, 1977

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319-39, Jul 77 (129 ref.)

Surgical treatment of intracranial hematoma and hydrocephalus in an infant with hemophilia A. Matsuda M, et al. **Surg Neurol** 7(4):199-203, Apr 77

Spontaneous haemothorax in a mild haemophiliac. Rasaretnam R, et al. **Thorax** 31(5):601-4, Oct 76

A comparison of coagulation factor replacement with and without prednisolone in the treatment of haematuria in haemophilia and Christmas disease. Rizza CR, et al. **Thromb Haemostas** 37(1):86-90, 28 Feb 77

Surgery of hemophiliacs--20 years' experience. Invited commentary. Biggs R. **World J Surg** 1(1):67-8, Jan 77

Surgery of hemophiliacs--20 years' experience. Nilsson IM, et al. **World J Surg** 1(1):55-66, Jan 77

Surgery of hemophiliacs--20 years' experience. Invited commentary. Post M. **World J Surg** 1(1):67, Jan 77

[The role of the orthopaedic surgeon in the management of haemophiliacs (author's transl)] Bozděch Z. **Acta Chir Orthop Traumatol Cech** 44(2):167-72, Apr 77 (Eng. Abstr.) **(Cze)**

[Oral bleedings in hemophiliacs] Bessermann-Nielsen M. **Tandlaegebladet** 78(18):759-61, Sep 74 **(Dan)**

[Female hemophilia] Neimann N, et al. **Pediatrie** 32(1):5-18, Jan-Feb 77 (Eng. Abstr.) **(Fre)**

[Synoviorthesis with radioactive gold in hemophilia] Ahlberg A. **Rev Rhum Mal Osteoartic** 44(1):41-4, Jan 77 (Eng. Abstr.) **(Fre)**

[Emergency treatment of haemophilia A with factor VIII inhibitors using activated prothrombin complex concentrates (author's transl)] Rasche H, et al. **Dtsch Med Wochenschr** 102(9):319-23, 4 Mar 77 (Eng. Abstr.) **(Ger)**

[Hemophilic pseudotumor, misdiagnosed as reticulum-cell sarcoma] Bachmann O. **Helv Chir Acta** 43(5-6):649-54, Dec 76 **(Ger)**

[Hemophilic pseudotumor mistaken for reticular sarcoma] Bachmann O. **Helv Chir Acta** 43(5-6):649-54, Dec 76 **(Ger)**

[Retroperitoneal hemorrhage in hemiphilia A simulating acute appendicitis] Willmen HR, et al. **Med Welt** 27(44):2125-7, 29 Oct 76 **(Ger)**

[The effects of the weather on hemophilic hemarthrosis (author's transl)] Jendritzky G, et al. **Munch Med Wochenschr** 118(47):1541-4, 19 Nov 76 (Eng. Abstr.) **(Ger)**

[The hemophiliac as a surgical patient (author's transl)] Salzmann G, et al. **Munch Med Wochenschr** 119(20):677-84, 20 May 77 (Eng. Abstr.) **(Ger)**

[Substitution treatment in hemophilia. Critical measures and complications] Schimpf K. **Wien Med Wochenschr** 127(11):329-37, 10 Jun 77 **(Ger)**

[Organ diseases treated as neuroses--a psychotherapeutic task] Crodel HW. **Z Gesamte Inn Med** 31(1):293-4, 1 Jan 76 (Eng. Abstr.) **(Ger)**

[Comparative psychological studies on disease management and attitude to life in patients with hemophilia with special reference to their motor disabilities] Jacobs S. **Z Psychosom Med Psychoanal** 23(2):119-31, Apr-Jun 77 (Eng. Abstr.) **(Ger)**

[EEG findings in hemophilia] Murri L, et al. **Riv Neurol** 47(2):117-21, Mar-Apr 77 **(Ita)**

[A case of combined deficiency of factor IX and factor VIII

with prolonged bleeding time (author's transl)] Kudo Y, et al. **Jpn J Clin Hematol** 18(1):81–7, Jan 77 (Eng. Abstr.) **(Jpn)**

[A case of congenital combined deficiency of factor V and factor VIII (author's transl)] Kuto F, et al. **Jpn J Clin Hematol** 18(2):153–60, Feb 77 (Eng. Abstr.) **(Jpn)**

[Urinary tract involvement in hemophilia] Kono A, et al. **Jpn J Clin Radiol** 22(5):465–9, May 77 **(Jpn)**

[Tooth extraction in children with hemophilia A and B, using dressings of cyanacrylic surgical glue] Jastrzębski S, et al. **Czas Stomatol** 29(9):787–92, Sep 76 (Eng. Abstr.) **(Pol)**

[Treatment of intraocular hemorrhage and course of antigulaucomatous surgery in a patient with type A hemophilia] Gierczyńską A, et al. **Klin Oczna** 46(10):1107–11, 1976 (Eng. Abstr.) **(Pol)**

[Rare form of hemophilia in an infant] Koehler B, et al. **Otolaryngol Pol** 31(2):199–200, 1977 **(Pol)**

[Acute intestinal obstruction due to intestinal hemorrhage in hemophilia] Bulynnin VI, et al. **Khirurgiia (Mosk)** (10):127–8, Oct 76 **(Rus)**

[Planned surgical interventions in patients with hemophilia] Terekhov NT, et al. **Klin Khir** (4):54–8, Apr 77 (Eng. Abstr.) **(Rus)**

[Problems of surgical intervention in patients with hemophilia] Terekhov NT, et al. **Probl Gematol Pereliv Krovi** 22(6):3–6, Jun 77 (Eng. Abstr.) **(Rus)**

[Severe course of hemophilia associated with hypoplastic anemia] Evdokimova AI, et al. **Vopr Okhr Materin Det** 21(4):84–6, Apr 76 **(Rus)**

[Meteorotropic pathology of hemorrhagic diseases in childhood] Mazurin AV, et al. **Vopr Okhr Materin Det** 21(4):33–6, Apr 76 (Eng. Abstr.) **(Rus)**

[Hemophilia and arterial hypertension (author's transl)] Cruz-Coke R, et al. **Rev Med Chil** 104(9):603–5, Sep 76 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Classic hemophilia A in a female. Joist JH, et al. **Acta Haematol (Basel)** 58(2):94–102, 1977

Hereditary factor VII deficiency and increased contact activation time [letter]. Triplett DA. **Am J Clin Pathol** 67(6):607, Jun 77

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

NIH conference. Factor VIII. **Ann Intern Med** 86(5):598–616, May 77

The laboratory diagnosis of the carrier state for classic hemophilia. Ratnoff OD, et al. **Ann Intern Med** 86(5):521–8, May 77

Assessment of the value of factor VIII procoagulant and antigen ratio in the diagnosis of carriers of haemophilia. D'Souza S, et al. **Aust NZ J Med** 6(3):218–22, Jun 76

Detection of factor VIII inhibitors with the partial thromboplastin time. Lossing TS, et al. **Blood** 49(5):793–7, May 77

Detection of carriers of hemophilia by hemorrhagometry. Jesdinsky-Buscher C, et al. **Blut** 33(2):83–8, Aug 76

Detection of the carrier of haemophilia [editorial]. **Br Med J** 2(6046):1217, 20 Nov 76

Detection of the carrier of haemophilia [letter]. Suter AH, et al. **Br Med J** 1(6062):708–9, 12 Mar 77

Diagnosis of classic hemophilia (hemophilia A) in a standard poodle. Gentry PA, et al. **Can Vet J** 18(3):79–81, Mar 77

Survey of amniocentesis for fetal sex determination in hemophilia carriers. Spiro R, et al. **Clin Genet** 10(6):337–42, Dec 76

Factor VIII deficient plasma for laboratory tests prepared from normal plasma and a human antibody. Exner T, et al. **Haemostasis** 6(3):157–62, 1977

Acquired hemophilia: a case report. Seth HK, et al. **J Am Geriatr Soc** 25(2):94–5, Feb 77

Hemophilia. Boxer GJ. **J Indiana State Med Assoc** 70(7):573–80, Jul 77

Ultrasonography in haemophilia [letter]. Forbes CD, et al. **Lancet** 1(8020):1064–5, 14 May 77

Quantitative bleeding time (hemorrhagometry). A review. Sutor AH, et al. **Mayo Clin Proc** 52(4):238–40, Apr 77

A co-operative study for the detection of the carrier state of classic hemophilia. Klein HG, et al. **N Engl J Med** 296(17):959–62, 28 Apr 77

[Problems of conductor demonstration in haemophilia A: error possibilities in the determination of factor-VIII-associated antigen] Salfner B, et al. **Blut** 34(4):271–80, Apr 77 (Eng. Abstr.) **(Ger)**

[Bleeding times in haemophilia patients treated with lyophilised antihaemophilic globulin (AHG) (author's transl)] Sutor AH, et al. **Dtsch Med Wochenschr** 101(47):1715–9, 19 Nov 76 (Eng. Abstr.) **(Ger)**

[Studies on the demonstration of a factor VIII or IX deficiency by means of partial thromboplastin time] Lutze G. **Folia Haematol (Leipz)** 103(6):933–7, 1976 (Eng. Abstr.) **(Ger)**

[Social development and state of the illness in hemophilic boys (author's transl)] Steinhausen HC. **Klin Paediatr** 189(3):229–33, May 77 (Eng. Abstr.) **(Ger)**

[Current views on the diagnosis and therapy of disseminated intravascular coagulation (DIC)] Géza S, et al. **Orv Hetil** 118(10):551–8, 6 Mar 77 **(Hun)**

[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979–980):175–94, May–Jun 76 (177 ref.) **(Ita)**

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

[A case of combined deficiency of factor IX and factor VIII with prolonged bleeding time (author's transl)] Kudo Y, et al. **Jpn J Clin Hematol** 18(1):81–7, Jan 77 (Eng. Abstr.) **(Jpn)**

[Advances in hematology. Willebrand's disease and hemophilia A in the light of latest studies of the factor VIII] Zawilska K. **Pol Arch Med Wewn** 56(8):179–84, Aug 76 (36 ref.) **(Pol)**

[Value of several genetic markers in detecting heterozygous carriers of a gene for hemophilia A] Tokarev IuN, et al. **Probl Gematol Pereliv Krovi** 22(4):8–13, Apr 77 (Eng. Abstr.) **(Rus)**

[Investigations about potential coagulation activities of so called deficient factors in hereditary clotting diseases] Mingers AM. **Folia Clin Int (Barc)** 26(5):237–52, May 76 **(Spa)**

DRUG THERAPY

Third-party reimbursement for pharmacist instruction about antihemophilic factor. Fudge RP, et al. **Am J Hosp Pharm** 34(8):831–4, Aug 77

Prothrombin complex concentrates and coagulation [letter]. Penner JA. **Ann Intern Med** 85(4):531–2, Oct 76

Acquired circulating anticoagulant in classical hemophilia: treatment with prothrombin concentrate. Rosen R, et al. **Ariz Med** 34(5):340–2, May 77

Haemophilia Centre Director's annual statistics for 1975 [letter] Biggs R, et al. **Br J Haematol** 36(3):447–9, Jul 77

FEIBA in haemophiliacs with factor VIII inhibitor [letter]. Thomas T, et al. **Br Med J** 1(6052):52, 1 Jan 77

The use of epsilon-aminocaproic acid for the management of hemophilia in dental and oral surgery patients [letter]. Evans BE. **J Am Dent Assoc** 94(1):21, Jan 77

Twice weekly prophylactic therapy in haemophilia A. Aronstam A, et al. **J Clin Pathol** 30(1):65–7, Jan 77

Head injury in hemophiliacs [letter]. Penner JA, et al. **JAMA** 237(7):641, 14 Feb 77

D.D.A.V.P. in haemophilia [editorial]. **Lancet** I(8017):889–90, 23 Apr 77

1-Deamino-8-d-arginine vasopressin: a new pharmacological approach to the management of haemophilia and von Willebrands' diseases. Mannucci PM, et al. **Lancet** I(8017):869–72, 23 Apr 77

Lower doses of factor VIII for hemophilia [letter] Penner JA, et al. **N Engl J Med** 297(7):401, 18 Aug 77

Haemophilia. Jones P. **Physiotherapy** 62(7):214–6, 10 Jun 76

Management of haemophilia in Sweden. Nilsson IM. **Thromb Haemostas** 35(3):510–21, 30 Jun 76

A comparison of coagulation factor replacement with and without prednisolone in the treatment of haematuria in haemophilia and Christmas disease. Rizza CR, et al. **Thromb Haemostas** 37(1):86–90, 28 Feb 77

[Emergency treatment of haemophilia A with factor VIII inhibitors using activated prothrombin complex concentrates (author's transl)] Rasche H, et al. **Dtsch Med Wochenschr** 102(9):319–23, 4 Mar 77 (Eng. Abstr.) **(Ger)**

[Bleeding times in haemophilia patients treated with lyophilised antihaemophilic globulin (AHG) (author's transl)] Sutor AH, et al. **Dtsch Med Wochenschr** 101(47):1715–9, 19 Nov 76 (Eng. Abstr.) **(Ger)**

[Intensive substitution therapy of hemophilics] Weissbach G, et al. **Kinderaerztl Prax** 44(8):360–7, Aug 76 **(Ger)**

[Substitution treatment in hemophilia. Critical measures and complications] Schimpf K. **Wien Med Wochenschr** 127(11):329–37, 10 Jun 77 **(Ger)**

ETIOLOGY

Acquired hemophilia: a case report. Seth HK, et al. **J Am Geriatr Soc** 25(2):94–5, Feb 77

FAMILIAL & GENETIC

Classic hemophilia A in a female. Joist JH, et al. **Acta Haematol (Basel)** 58(2):94–102, 1977

Inherited platelet abnormalities associated with low factor VIII activity in the same family. Ponari O, et al. **Acta Haematol (Basel)** 57(4):225–32, Mar 77

Changing patterns of genetic counseling. Lubs HA, et al. **Adv Pathobiol** (3):102–18, 1976

Combined deficiencies of Factor VIII (AHF) and Factor XI (PTA). Lian EC, et al. **Am J Hematol** 1(3):319–24, 1976

The phenotypic range of hemophilia A carriers. Graham JB, et al. **Am J Hum Genet** 28(5):482–8, Sep 76

A probable sex difference in some mutation rates [editorial]. Vogel F. **Am J Hum Genet** 29(3):312–9, May 77

NIH conference. Factor VIII. **Ann Intern Med** 86(5):598–616, May 77

The laboratory diagnosis of the carrier state for classic hemophilia. Ratnoff OD, et al. **Ann Intern Med** 86(5):521–8, May 77

Assessment of the value of factor VIII procoagulant and antigen ratio in the diagnosis of carriers of haemophilia. D'Souza S, et al. **Aust NZ J Med** 6(3):218–22, Jun 76

Detection of carriers of inherited disorders. Davidson RG. **Birth Defects** 12(6):189–95, 1976

Circulating anticoagulant in a family with prolonged bleeding time and factor VIII deficiency. Diez-Ewald M, et al. **Blood** 49(5):799–806, May 77

Carriers with excessively low factor VIII procoagulant activity (VIII AHF): a study of two unrelated families with mild hemophilia A. Eyster ME, et al. **Blood** 49(4):607–18, Apr 77

Survey of amniocentesis for fetal sex determination in hemophilia carriers. Spiro R, et al. **Clin Genet** 10(6):337–42, Dec 76

Genetic predisposition to develop factor VIII antibody in classic hemophilia. Frommel D, et al. **Clin Immunol Immunopathol** 8(1):34–8, Jul 77

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Hemophilia [clinical conference] Tintinalli JE. **JACEP** 6(7):326–9, Jul 77

Osler as a medical geneticist. McKusick VA. **Johns Hopkins Med J** 139(4):163–74, Oct 76

Detecting haemophilia carriers [editorial] **Lancet** 2(8033):339–40, 13 Aug 77

Classical haemorphilia in girl with 46, XX karyotype and no family history of bleeding disorder [letter]. Kamiya T, et al. **Lancet** 1(8014):756–7, 2 Apr 77

Genetic counseling in classic hemophilia A [editorial]. Graham JB. **N Engl J Med** 296(17):996–8, 28 Apr 77

A co-operative study for the detection of the carrier state of classic hemophilia. Klein HG, et al. **N Engl J Med** 296(17):959–62, 28 Apr 77

Haemophilia: no longer a crippling disease, Charles Norwood lecture. Ekert H. **NZ Med J** 84(570):135–9, 25 Aug 76

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)

[Hemophilia in Slovakia. II. Hemophilia and selection] Dejmek J, et al. **Vnitr Lek** 22(9):870–9, Sep 76 (Eng. Abstr.) **(Cze)**

[Current genetic problems of hemophilia and detection of carriers (author's transl)] Marcoz JP. **Praxis** 66(27):830–5, 5 Jul 77 (Eng. Abstr.) **(Fre)**

[Current views on the diagnosis and therapy of disseminated intravascular coagulation (DIC)] Géza S, et al. **Orv Hetil** 118(10):551–8, 6 Mar 77 **(Hun)**

[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979–980):175–94, May–Jun 76 (177 ref.) **(Ita)**

[Recent progress in the diagnosis and treatment of genetic diseases] Koller PC. **Recent Prog Med (Rome)** 61(4):557–70, Oct 76 (22 ref.) (Eng. Abstr.) **(Ita)**

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

[Physiochemical properties and structure of factor VIII] Bykowska K. **Acta Haematol Pol** 8(1):57–63, Jan–Mar 77 (40 ref.) **(Pol)**

[Value of several genetic markers in detecting heterozygous carriers of a gene for hemophilia A] Tokarev IuN, et al. **Probl Gematol Pereliv Krovi** 22(4):8–13, Apr 77 (Eng. Abstr.) **(Rus)**

[Immunological studies on factor VIII in hemophilia and von Willebrand disease] Casillas G, et al. **Medicina (B Aires)** 37(3):215–22, May–Jun 77 (Eng. Abstr.) **(Spa)**

[Hemophilia and arterial hypertension (author's transl)] Cruz-Coke R, et al. **Rev Med Chil** 104(9):603–5, Sep 76 (Eng. Abstr.) **(Spa)**

HISTORY

Osler as a medical geneticist. McKusick VA. **Johns Hopkins Med J** 139(4):163–74, Oct 76

IMMUNOLOGY

Determination of factor VIII-related antigen using commercial antisera. Chediak J, et al. **Am J Clin Pathol** 67(5):462–9, May 77

Tissue factor activity of rabbit peritoneal macrophages: influence of immune stimulation. Béguin S, et al. **Ann Immunol (Paris)** 128C(4–5):785–98, Jul–Oct 77

Heterogeneity of factor VIII antibodies: further immunochemical and biologic studies. Hultin MB, et al. **Blood** 49(5):807–17, May 77

An immunological investigation of factor VIII associated antigen in combined factor V and factor VIII deficiency. Girolami A, et al. **Blut** 33(2):97–102, Aug 76

Acquired von Willebrand syndrome with inhibitors both to factor VIII clotting activity and ristocetin-induced platelet aggregation. Stableforth P, et al. **Br J Haematol** 33(4):565–73, Aug 76

Double-antibody radioimmunoassay for factor VIII-related antigen. Green D, et al. **Clin Chem** 23(9):1648–53, Sep 77

Genetic predisposition to develop factor VIII antibody in classic hemophilia. Frommel D, et al. **Clin Immunol Immunopathol** 8(1):34–8, Jul 77

Interaction of factor VIII antigen in hemophilic plasmas with human antibodies to factor VIII. Zimmerman TS, et al. **J Clin Invest** 59(5):984–9, May 77

Hematologic management and surgery in hemophilia. Aledort LM. **Mt Sinai J Med NY** 44(3):371–3, May–Jun 77

Modifications of factor VIII related antigen in hemophiliacs with acute hepatitis and sub-clinical liver disease. Sultan Y, et al. **Scand J Haematol** (30):16–26, 1977

Action of insolubilized homologous anti-factor VIII antibodies on factor VIII-related antigen. Mazurier C, et al. **Thromb Res** 10(5):661–7, May 77

[Various immunological problems in patients with hemophilia] Hořejší J, et al. **Vnitr Lek** 22(12):1169–78, Dec 76 (Eng. Abstr.) **(Cze)**

[The appearance of anti-thrombocyte and anti-leukocyte antibodies in hemophilia A patients after cryoprecipitate transfusions] Uteg KH, et al. **Folia Haematol (Leipz)** 103(5):771–6, 1976 (Eng. Abstr.) **(Ger)**

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

[Factor VIII inhibitor in multitransfused hemophiliacs. A finding of varying therapeutic consequences] Ly B, et al. **Tidsskr Nor Laegeforen** 97(12):554–6, 8, 30 Apr 77 (Eng. Abstr.) **(Nor)**

[Immunological studies on factor VIII in hemophilia and von Willebrand disease] Casillas G, et al. **Medicina (B Aires)** 37(3):215–22, May–Jun 77 (Eng. Abstr.) **(Spa)**

MORTALITY

Haemophilia treatment in the United Kingdom from 1969 to 1974. Biggs R. **Br J Haematol** 35(4):487–504, Apr 77

NURSING

Summer camp for hemophiliacs. Boutaugh M, et al. **Am J Nurs** 77(8):1288–91, Aug 77

OCCURRENCE

Haemophilia treatment in the United Kingdom from 1969 to 1974. Biggs R. **Br J Haematol** 35(4):487–504, Apr 77

Haemophilia Centre Director's annual statistics for 1975 [letter] Biggs R, et al. **Br J Haematol** 36(3):447–9, Jul 77

Inherited bleeding syndromes in Iraq. Al-Mondhiry HA. **Thromb Haemostas** 37(3):549–55, 30 Jun 77

Management of hemophilia in France. Allain JP. **Thromb Haemostas** 35(3):553–8, 30 Jun 76

Home care of hemophilia in West Germany. Brackmann HH, et al. **Thromb Haemostas** 35(3):544–52, 30 Jun 76

Management of haemophilia in Greece. Mandalaki T. **Thromb Haemostas** 35(3):522–30, 30 Jun 76

Hemophilia care in Italy. Mannucci PM, et al. **Thromb Haemostas** 35(3):531–6, 30 Jun 76

Management of hemophilia in Spain. Martin-Villar J, et al. **Thromb Haemostas** 35(3):537–43, 30 Jun 76
Management of haemophilia in Sweden. Nilsson IM. **Thromb Haemostas** 35(3):510–21, 30 Jun 76
Haemophilia in Australia. Rickard KA. **Thromb Haemostas** 35(3):566–9, 30 Jun 76
The management of haemophilia in the United Kingdom. Rizza CR. **Thromb Haemostas** 35(3):559–65, 30 Jun 76
[Hemophilia in Slovakia. II. Hemophilia and selection] Dejmek J, et al. **Vnitr Lek** 22(9):870–9, Sep 76 (Eng. Abstr.) **(Cze)**

PATHOLOGY

A clotting defect in an Arab colt foal. Hinton M, et al. **Equine Vet J** 9(1):1–3, Jan 77

PHYSIOPATHOLOGY

Combined deficiencies of Factor VIII (AHF) and Factor XI (PTA). Lian EC, et al. **Am J Hematol** 1(3):319–24, 1976
Hemophilic arthropathy. Current concepts of pathogenesis and management. Arnold WD, et al. **J Bone Joint Surg [Am]** 59(3):287–305, Apr 77
[Orthopedic problems in hemophilia. Pathophysiology and results of operations (author's transl)] Hofmann P, et al. **Z Orthop** 115(3):342–55, Jun 77 (Eng. Abstr.) **(Ger)**
[Comparative psychological studies on disease management and attitude to life in patients with hemophilia with special reference to their motor disabilities] Jacobs S. **Z Psychosom Med Psychoanal** 23(2):119–31, Apr–Jun 77 (Eng. Abstr.) **(Ger)**
[EEG findings in hemophilia] Murri L, et al. **Riv Neurol** 47(2):117–21, Mar–Apr 77 **(Ita)**

PREVENTION & CONTROL

Detection of carriers of inherited disorders. Davidson RG. **Birth Defects** 12(6):189–95, 1976
Genetic counseling in classic hemophilia A [editorial]. Graham JB. **N Engl J Med** 296(17):996–8, 28 Apr 77
Haemophilia: no longer a crippling disease, Charles Norwood lecture. Ekert H. **NZ Med J** 84(570):135–9, 25 Aug 76
[Organization of ambulatory treatment of patients with hemophilia] Pliushch OP, et al. **Sov Med** (8):138–42, AUG 76 **(Rus)**

RADIOGRAPHY

Musculoskeletal manifestations of hemophilia. Gilbert MS. **Mt Sinai J Med NY** 44(3):339–58, May–Jun 77
Radiologic evaluation of the hemophilic hip. Teitelbaum S. **Mt Sinai J Med NY** 44(3):400–1, May–Jun 77

RADIOTHERAPY

[Hemophilic pseudotumor, misdiagnosed as reticulum-cell sarcoma] Bachmann O. **Helv Chir Acta** 43(5–6):649–54, Dec 76 **(Ger)**

REHABILITATION

Vocational rehabilitation and the hemophiliac. Marshall FN. **Mt Sinai J Med NY** 44(3):464–9, May–Jun 77
Rehabilitation medicine and the hemophilic patient. Weissman J. **Mt Sinai J Med NY** 44(3):359–70, May–Jun 77
Hemophilia A prophylaxis with factor VIII concentrate in a home-treatment program: a controlled study. Schimpf K, et al. **Scand J Haematol** (30):79–80, 1977
[4-year experience in the treatment and education of children with hemophilia] Dittmer J, et al. **Aerztl Jugendkd** 67(2):106–10, Mar 76 **(Ger)**
[Orthopedic problems in hemophilia. Pathophysiology and results of operations (author's transl)] Hofmann P, et al. **Z Orthop** 115(3):342–55, Jun 77 (Eng. Abstr.) **(Ger)**

SURGERY

Hemolysis after factor VIII administration [letter] Ashenhurst JB, et al. **Arch Intern Med** 137(8):1088–9, Aug 77
[Orthopedic problems in hemophilia. Pathophysiology and results of operations (author's transl)] Hofmann P, et al. **Z Orthop** 115(3):342–55, Jun 77 (Eng. Abstr.) **(Ger)**
[Use of cryoprecipitates in major surgery on the hemophilic patient] Pizzuto J, et al. **Gac Med Mex** 112(2):133–46, Aug 76 **(Spa)**

THERAPY

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
NIH conference. Factor VIII. **Ann Intern Med** 86(5):598–616, May 77
Surgery in patients with congenital disorders of blood coagulation. Krieger JN, et al. **Ann Surg** 185(3):290–4, Mar 77
Prothrombin complex concentrate. DeWitt RT, et al. **Arch Intern Med** 137(9):1211–3, Sep 77
Early treatment of bleeding episodes with 10 U/kg of factor VIII [letter] Ashenhurst JB, et al. **Blood** 50(1):181–2, Jul 77
Health of the intensively treated hemophiliac, with special reference to abnormal liver chemistries and splenomegaly. Levine PH, et al. **Blood** 50(1):1–9, Jul 77
Haemophilia treatment in the United Kingdom from 1969 to 1974. Biggs R. **Br J Haematol** 35(4):487–504, Apr 77
Haemophilia A and the blood transfusion service: a Scottish study. Cash JD, et al. **Br Med J** 2(6037):682–4, 18 Sep 76
Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)
Haptoglobin level in haemophiliacs after administration of pooled cold precipitated antihaemophilic globulin. Preliminary report. Veselý V, et al. **Haematologia (Budap)** 10(3–4):379–81, 1976
Hemophilia. Boxer GJ. **J Indiana State Med Assoc** 70(7):573–80, Jul 77
Hemophilia [clinical conference] Tintinalli JE. **JACEP** 6(7):326–9, Jul 77
Antihemophilic factor inhibitors. Management with prothrombin complex concentrates. Kelly P, et al. **JAMA** 236(18):2061–4, 1 NOV 76
Disseminated intravascular coagulation and infusion of factor-VIII-inhibitor bypassing activity [letter]. Stenbjerg S, et al. **Lancet** 1(8007):360, 12 Feb 77
A measure of acceptance: patients' attitudes to haemophilia. Swinburne L. **Lancet** 1(8020):1048–9, 14 May 77
Methods of care, products available, complications of therapy. Aledort LM. **Mt Sinai J Med NY** 44(3):332–8, May–Jun 77
Hematologic management and surgery in hemophilia. Aledort LM. **Mt Sinai J Med NY** 44(3):371–3, May–Jun 77
Lesson plan for self-treatment in hemophilia. Best J. **Mt Sinai J Med NY** 44(3):470–9, May–Jun 77
Musculoskeletal manifestations of hemophilia. Gilbert MS. **Mt Sinai J Med NY** 44(3):339–58, May–Jun 77
Current therapy for hemophiliacs: home care and therapeutic complications. Hilgartner MW, et al. **Mt Sinai J Med NY** 44(3):316–31, May–Jun 77
Psychosocial aspects of hemophilia: problems, prevention, treatment modalities, research, and future directions. Wincott E. **Mt Sinai J Med NY** 44(3):438–55, May–Jun 77
Haemophilia: no longer a crippling disease, Charles Norwood lecture. Ekert H. **NZ Med J** 84(570):135–9, 25 Aug 76
Physiotherapy in haemophilia. Cole S, et al. **Physiotherapy** 62(7):217–21, 10 Jun 76
Home care--psychological benefits and hazards. Agle D. **Scand J Haematol** (30):65–9, 1977
World use of blood products for hemophilia. Aledort LM. **Scand J Haematol** (30):56–7, 1977
1. Home treatment of hemophiliacs in France. Allain JP. **Scand J Haematol** (31):5–8, 1977
10. Recommendations on home treatment of hemophilias. Allain JP, et al. **Scand J Haematol** (31):75–7, 1977
Critique of the application of the treatments of hemophilia. André H. **Scand J Haematol** (30):77–8, 1977
2. Home treatment of hemophilias in Sweden. Blombäck M. **Scand J Haematol** (31):9–10, 1977
3. Hemophilia home treatment in West Germany. Brackman HH. **Scand J Haematol** (31):11–5, 1977
Projected estimation of factor VIII requirements for home treatment based on a pilot study of two haemophilic patients. Davies SH. **Scand J Haematol** (30):87–9, 1977
Home therapy in Argentina. de Tezanos Pinto M. **Scand J Haematol** (30):72–3, 1977
The home therapy programme for haemophiliacs the situation in Egypt. El-Shinnawi BM. **Scand J Haematol** (30):70–1, 1977
Chronic hepatitis in hemophilia. Hasiba U, et al. **Scand J Haematol** (30):27–32, 1977
Home care for hemophilia: current state of the art. Hilgartner MW. **Scand J Haematol** (30):58–64, 1977
Hepatitis, type B in haemophiliacs. Relation to the source of clotting factor concentrates. Holsteen V, et al. **Scand J Haematol** 18(3):214–8, Mar 77
Home treatment in Great Britain. Ingram GI. **Scand J Haematol** (30):76, 1977

4. Hemophilia home treatment in Luxembourg. Jeanty L. **Scand J Haematol** (31):17–8, 1977
5. Present hemophilia home therapy in the United Kingdom. Jones P. **Scand J Haematol** (31):19–23, 1977
8. The home therapy program at the New England area hemophilia center. Levine PH. **Scand J Haematol** (31):37–51, 1977

Isoimmunization in haemophiliacs. Louizou C, et al. **Scand J Haematol** (30):51–4, 1977

Home care of haemophilia in Italy. Mannucci PM. **Scand J Haematol** (30):74–5, 1977

Three years' experience in haemophilia home treatment. Panicucci F, et al. **Scand J Haematol** (30):81–4, 1977

6. Hemophilia home treatment in Italy. Panicucci F. **Scand J Haematol** (31):25–8, 1977

Hemophilia A prophylaxis with factor VIII concentrate in a home-treatment program: a controlled study. Schimpf K, et al. **Scand J Haematol** (30):79–80, 1977

A hemophilia home care program utilizing cryoprecipitate. Shanberge JN, et al. **Scand J Haematol** (30):85–6, 1977

Resistance to activated F IX concentrate (FEIBA). Stenbjerg S, et al. **Scand J Haematol** 18(5):421–6, May 77

Alteration of primary hemostasis in hemophiliacs after treatment with lyophilized antihemophilic globulin. Sutor AH, et al. **Scand J Haematol** (30):33–9, 1977

7. Hemophilia home treatment in Belgium. Verstraete M. **Scand J Haematol** (31):29–33, 1977

Fatal colitis in a hemophilic patient with inhibitor. Schwartz KA, et al. **South Med J** 70(5):617–9, May 77

Management of hemophilia in France. Allain JP. **Thromb Haemostas** 35(3):553–8, 30 Jun 76

Home care of hemophilia in West Germany. Brackmann HH, et al. **Thromb Haemostas** 35(3):544–52, 30 Jun 76

Management of haemophilia in Greece. Mandalaki T. **Thromb Haemostas** 35(3):522–30, 30 Jun 76

Hemophilia care in Italy. Mannucci PM, et al. **Thromb Haemostas** 35(3):531–6, 30 Jun 76

Management of hemophilia in Spain. Martin-Villar J, et al. **Thromb Haemostas** 35(3):537–43, 30 Jun 76

Management of haemophilia in Sweden. Nilsson IM. **Thromb Haemostas** 35(3):510–21, 30 Jun 76

Haemophilia in Australia. Rickard KA. **Thromb Haemostas** 35(3):566–9, 30 Jun 76

The management of haemophilia in the United Kingdom. Rizza CR. **Thromb Haemostas** 35(3):559–65, 30 Jun 76

[Role of the general practitioner in the treatment of hemophilia] Bernard B, et al. **Rev Infirm Infirm Aux Que** 27(5):401–4, May 77 **(Fre)**

[The role of the medical practitioner in the treatment of hemophilia] Bernard B, et al. **Sem Hop Ther** 53(2):97–100, Feb 77 **(Fre)**

[New viewpoints in the therapy of hemophilia (proceedings)] Thaler E, et al. **Acta Med Austriaca® [Suppl]** (3):218, 1976 **(Ger)**

[4-year experience in the treatment and education of children with hemophilia] Dittmer J, et al. **Aerztl Jugendkd** 67(2):106–10, Mar 76 **(Ger)**

[Production of an enriched factor VIII reagent] Bukurestliev A, et al. **Folia Haematol (Leipz)** 103(5):742–5, 1976 (Eng. Abstr.) **(Ger)**

[Therapeutic plasmapheresis--a new form of adjuvant treatment (author's transl)] Tilz GP, et al. **Med Klin** 71(45):1952–7, 5 Nov 76 **(Ger)**

[Prophylactic replacement therapy in hemophilia. A case report (author's transl)] Mitterstieler G. **Paediatr Paedol** 11(2-2):469–74, 1976 (Eng. Abstr.) **(Ger)**

[Use of the cell-separator in the treatment of factor-VIII-inhibitor hemophilia] Piller G, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1654–9, 1976 **(Ger)**

[Substitution treatment in hemophilia. Critical measures and complications] Schimpf K. **Wien Med Wochenschr** 127(11):329–37, 10 Jun 77 **(Ger)**

[Organ diseases treated as neuroses--a psychotherapeutic task] Crodel HW. **Z Gesamte Inn Med** 31(1):293–4, 1 Jan 76 (Eng. Abstr.) **(Ger)**

[Determination of factor VIII inhibitor in hemophiliacs] Mancini AF, et al. **Minerva Pediatr** 28(36):2181–5, 17 Nov 76 (Eng. Abstr.) **(Ita)**

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

[Factor VIII inhibitor in multitransfused hemophiliacs. A finding of varying therapeutic consequences] Ly B, et al. **Tidsskr Nor Laegeforen** 97(12):554–6, 8, 30 Apr 77 (Eng. Abstr.) **(Nor)**

[Results of scientific studies conducted at the Central Institute of Hematology and Blood Transfusion concerning hematologic surgery] Grozdov DM, et al. **Probl Gematol Pereliv Krovi** 21(4):3–9, Apr 76 **(Rus)**

[Antihemophilic activity of donor blood] Shuruev AS. **Probl Gematol Pereliv Krovi** 21(9):45–6, 1976 **(Rus)**

[Organization of ambulatory treatment of patients with hemophilia] Pliushch OP, et al. **Sov Med** (8):138–42, AUG 76 **(Rus)**

[Basic organization of treatment of hemophilia] Terokhov NT, et al. **Vrach Delo** (3):91–5, Mar 77 (Eng. Abstr.) **(Rus)**

[Concentrated antihemophilic globulin in the treatment of hemorrhagic syndromes] Baklaja F, et al. **Bilt Hematol Transfuz** 4(3):61–6, 1976 (Eng. Abstr.) **(Scr)**

[The use of plasmapheresis to solve the shortage of plasma components (author's transl)] Grgičević D, et al. **Lijec Vjesn** 99(6):365–8, Jun 77 (Eng. Abstr.) **(Scr)**

[Comprehensive care of hemophiliacs and various associated problems] Hrubišková K. **Vnitr Lek** 23(7):675–80, Jun 77 (Eng. Abstr.) **(Slo)**

TRANSMISSION

Detecting haemophilia carriers [editorial] **Lancet** 2(8033):339–40, 13 Aug 77

VETERINARY

Diagnosis of classic hemophilia (hemophilia A) in a standard poodle. Gentry PA, et al. **Can Vet J** 18(3):79–81, Mar 77

A clotting defect in an Arab colt foal. Hinton M, et al. **Equine Vet J** 9(1):1–3, Jan 77

The diagnosis of hemostatic disorders. Kociba GJ. **Vet Clin North Am** 6(4):609–23, Nov 76

HEMORRHAGIC DIATHESIS

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

Blood diseases in old age. McLean JA. **Aust Fam Physician** 6(1):12–3, 16, Jan 77

Dx and treatment of abnormal bleeding due to disorders of hemostasis. Bilezikian SB, et al. **Med Times** 104(10):177–97, Oct 76

The clot: the bruising and bleeding patient. Hamstra R. **Rocky Mt Med J** 74(3):135–8, May-Jun 77

[Possibilities for the use of lasers in dental surgery] Grasser H, et al. **Dtsch Zahnaerztl Z** 32(7):512–5, Jul 77 (Eng. Abstr.) **(Ger)**

[Hemorrhagic disorders related to pregnancy] Rodríguez-Argüelles J. **Gac Med Mex** 107(1):58–65, Jan 74 **(Spa)**

BLOOD

Penicillin-induced coagulation disorder. Andrassy K, et al. **Lancet** 2(7994):1039–41, 13 Nov 76

The Hermansky-Pudlak syndrome. Evidence for a lowered 5-hydroxytryptamine content in platelets of heterozygotes. Gerritsen SM, et al. **Scand J Haematol** 18(3):249–56, Mar 77

[Pathogenesis of hemorrhagic diatheses in monoclonal gammopathies] Deutsch E, et al. **Haematol Bluttransfus** 18:357–65, 1976 **(Ger)**

[Immunocoagulopathy (lupus anticoagulant) with severe hemorrhagic diathesis in systemic lupus erythematosus] Wysocka K, et al. **Wiad Lek** 30(14):1129–34, 15 Jul 77 (Eng. Abstr.) **(Pol)**

CHEMICALLY INDUCED

Lanthanum Trichloride induced blood coagulation defect and liver injury. Nagy I, et al. **Haematologia (Budap)** 10(3-4):353–9, 1976

[Hemostatic disorders with secretolytics? A contribution to drug safety] Hörder MH, et al. **Int J Clin Pharmacol Biopharm** 14(3):199–213, Oct 76 (Eng. Abstr.)

Penicillin-induced coagulation disorder. Andrassy K, et al. **Lancet** 2(7994):1039–41, 13 Nov 76

The clot: the bruising and bleeding patient. Hamstra R. **Rocky Mt Med J** 74(3):135–8, May-Jun 77

Effects of diphenylhydantoin in 41 epileptics institutionalized since childhood. Herberg KP. **South Med J** 70(1):19–24, Jan 77

Bleeding in uremic patients after carbenicillin. Andrassy K, et al. **Thromb Haemostas** 36(1):115–26, 31 Aug 76

[Purpura, classification, clinical aspects and etiopathogenesis from the viewpoint of the dermatologist. 1. Introduction,

and short discussion on hemorrhagic diatheses] Illig L. **Fortschr Med** 94(19):1108–16, 1145–7, 1 Jul 76 **(Ger)**
[Chronic furazolidone poisoning in the calf] Hofmann W. **Tieraerztl Prax** 4(4):453–64, 1976 **(Ger)**
[Classification of drug side-effects] Mager PP. **Tieraerztl Prax** 4(4):557–62, 1976 **(Ger)**

CLASSIFICATION

General classification system for hemorrhagic and thrombotic disorders. Lechner K, et al. **Thromb Haemostas** 36(1):251–62, 31 Aug 76

COMPLICATIONS

Management of bleeding disorders in traumatic-haemorrhagic shock states with deep frozen fresh plasma. Hehne HJ, et al. **Eur J Intensive Care Med** 2(4):157–61, 1976
Splenic consumptive coagulopathy in a patient with disseminated lymphangiomatosis. Dietz WH Jr, et al. **J Pediatr** 90(3):421–3, Mar 77
Evaluation of the bleeding patient. Marengo-Rowe AJ, et al. **Postgrad Med** 62(1):171–7, Jul 77
[Tonsillectomy in patients with bleeding disorders] Gastpar H. **Fortschr Med** 95(19):1277–80, 19 May 77 (Eng. Abstr.) **(Ger)**
[Purpura, classification, clinical aspects and etiopathogenesis from the viewpoint of the dermatologist. 1. Introduction, and short discussion on hemorrhagic diatheses] Illig L. **Fortschr Med** 94(19):1108–16, 1145–7, 1 Jul 76 **(Ger)**
[Hepatic failure and disorders of coagulation (author's transl)] Ohler WG. **Leber Magen Darm** 7(4):270–6, Aug 77 (Eng. Abstr.) **(Ger)**
[Malignant neoplasms and thromboses] Gastpar H. **Med Welt** 27(37):1737–41, 10 Sep 76 (39 ref.) **(Ger)**
[Emergency--bleeding in the upper respiratory tract] Herrmann IF. **Med Welt** 27(42):1983–5, 15 Oct 76 **(Ger)**
[Hemorrhagic erosion as a cause for gastrointestinal hemorrhages] Ebert H, et al. **Z Gesamte Inn Med** 31(23):976–8, 1 Dec 76 (Eng. Abstr.) **(Ger)**
[Etiology and interrelation of recurrent nosebleeds and uterine hemorrhages] Timoshenskii VI, et al. **Vestn Otorinolaringol** (2):78–82, Mar-Apr 77 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
Emergencies in internal medicine. Tintinalli JE. **Compr Ther** 3(3):54–65, Mar 77
The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)
Quantitative bleeding time (hemorrhagometry). A review. Sutor AH, et al. **Mayo Clin Proc** 52(4):238–40, Apr 77
Dx and treatment of abnormal bleeding due to disorders of hemostasis. Bilezikian SB, et al. **Med Times** 104(10):177–97, Oct 76
Easy bruising in children. Hathaway WE. **Postgrad Med** 61(3):224–6, 228, Mar 77
The clot: the bruising and bleeding patient. Hamstra R. **Rocky Mt Med J** 74(3):135–8, May-Jun 77
Hemorrhagic diathesis and surgery. Aburahma AF. **W Va Med J** 73(8):173–8, Aug 77
[Fibrinogen 'Hannover', a further abnormal fibrinogen] Barthels M, et al. **Blut** 34(2):99–106, Feb 77 (Eng. Abstr.) **(Ger)**
[Purpura, classification, clinical aspects and etiopathogenesis from the viewpoint of the dermatologist. 1. Introduction, and short discussion on hemorrhagic diatheses] Illig L. **Fortschr Med** 94(19):1108–16, 1145–7, 1 Jul 76 **(Ger)**
[Stages and limits in the diagnosis of diseases of the blood and hematopoietic organs] Hellriegel KP, et al. **Internist (Berlin)** 18(3):156–60, Mar 77 **(Ger)**
[Current views on the diagnosis and therapy of disseminated intravascular coagulation (DIC)] Géza S, et al. **Orv Hetil** 118(10):551–8, 6 Mar 77 **(Hun)**
[Role of anamnesis in examination of patients with disorders in the system of hemostasis] Shitikova AS. **Ter Arkh** 49(6):132–6, 1977 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[Some hemocoagulative effects of antifibrinolytic therapy in the minor hemorrhagic diathesis of hepatic cirrhosis] Turpini R. **Minerva Gastroenterol** 22(2):153–8, Apr-Jun 76 (Eng. Abstr.) **(Ita)**

ETIOLOGY

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
Disseminated intravascular coagulation. Cade JF. **Aust NZ J Surg** 46(4):314–8, Nov 76
X-linked syndrome of platelet dysfunction, thrombocytopenia, and imbalanced globin chain synthesis with hemolysis. Thompson AR, et al. **Blood** 50(2):303–16, Aug 77
Fibrinogen Marburg a new genetic variant of fibrinogen. Fuchs G, et al. **Blut** 34(2):107–18, Feb 77
The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)
Disseminated intravascular coagulation. Hollán SR, et al. **Haematologia (Budap)** 10(3–4):319–30, 1976
Disseminated intravascular coagulation in patients with infections: diagnostic and therapeutic approach. Hawiger J. **Mater Med Pol** 8(2):206–12, Apr-Jun 76 (27 ref.)
Hemorrhagic diathesis in Weber-Christian disease. Mori K, et al. **Tohuku J Exp Med** 118 Suppl:227–43, 1976
Acute hemolytic transfusion reactions--a fresh look at pathogenesis and considerations regarding therapy. Goldfinger D. **Transfusion** 17(2):85–98, Mar-Apr 77
[Hemostasis disorders in the alcoholic] Wautier JL, et al. **Actual Odontostomatol (Paris)** (115):455–61, Sep 76 **(Fre)**
[The thrombocytopenias] Bergier. **Praxis** 65(27):833–6, 6 Jul 76 **(Fre)**
[Hemostatic defects in acute myeloid leukemias of the adult. Physiopathology and therapy] Trobisch H, et al. **Dtsch Med Wochenschr** 101(39):1430–3, 24 Sep 76 **(Ger)**
[Review: hemorrhagic diathesis resulting from acute exposure to ionizing radiation] Krantz S, et al. **Folia Haematol (Leipz)** 104(1):1–10, 1977 (99 ref.) (Eng. Abstr.) **(Ger)**
[The development of coagulopathy in missed abortion (author's transl)] Heyes H, et al. **Geburtshilfe Frauenheilkd** 37(7):595–9, Jul 77 (Eng. Abstr.) **(Ger)**
[Pathogenesis of hemorrhagic diatheses in monoclonal gammopathies] Deutsch E, et al. **Haematol Bluttransfus** 18:357–65, 1976 **(Ger)**
[Prophylaxis and therapy of shunt thrombosis in terminal renal insufficiency (author's transl)] Köhler H. **Klin Wochenschr** 55(2):49–56, 15 Jan 77 (Eng. Abstr.) **(Ger)**
[Group Y meningococci as respiratory pathogens (author's transl)] Berger U. **Med Klin** 71(42):1780–3, 15 Oct 76 (Eng. Abstr.) **(Ger)**
[Malignant neoplasms and thromboses] Gastpar H. **Med Welt** 27(37):1737–41, 10 Sep 76 (39 ref.) **(Ger)**
[Importance of intensive therapy in the treatment of purulent meningitis (author's transl)] Kunst H. **Munch Med Wochenschr** 118(49):1597–1600, 3 Dec 76 (Eng. Abstr.) **(Ger)**
[Autoerithrocyte sensitization (Gardner-Diamond syndrome)] Boda Z, et al. **Orv Hetil** 117(47):2839–42, 21 Nov 76 **(Hun)**
[Some hemocoagulative effects of antifibrinolytic therapy in the minor hemorrhagic diathesis of hepatic cirrhosis] Turpini R. **Minerva Gastroenterol** 22(2):153–8, Apr-Jun 76 (Eng. Abstr.) **(Ita)**
[Clinical picture of Wegener's disease] Lewandowski L, et al. **Czas Stomatol** 30(6):497–500, Jun 77 (Eng. Abstr.) **(Pol)**
[Disturbed hemostasis in mechanical jaundice] Pavlovskii DP. **Klin Med (Mosk)** 55(4):74–7, Apr 77 (Eng. Abstr.) **(Rus)**
[Role of anamnesis in examination of patients with disorders in the system of hemostasis] Shitikova AS. **Ter Arkh** 49(6):132–6, 1977 (Eng. Abstr.) **(Rus)**
[Correlation between products of fibrin degradation and platelet dysfunction in chronic renal failure. Effects of aspirin] Lazzari MA, et al. **Medicina (B Aires)** 37(2):97–105, Mar-Apr 77 (Eng. Abstr.) **(Spa)**
[Hemorrhage and thrombosis in infections] Romero Bobillo E, et al. **Rev Sanid Hig Publica (Madr)** 49(9):837–54, Sep 75 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Acrofacial dysostosis with growth and mental retardation in three males, one with simultaneous Hermansky-Pudlak syndrome. Kelly TE, et al. **Birth Defects** 13(3B):45–52, 1977
The Hermansky-Pudlak syndrome. Evidence for a lowered 5-hydroxytryptamine content in platelets of heterozygotes. Gerritsen SM, et al. **Scand J Haematol** 18(3):249–56, Mar 77
[Megakaryocytes and platelets in congenital thrombopathies] Boisseau MR, et al. **Nouv Rev Fr Hematol** 16(3):427–6, 1976

(Eng. Abstr.) (Fre)
Hereditary thrombocytopathies with abnormal release reaction (author's transl)] Hermansky F, et al. **Nouv Rev Fr Hematol** 16(3):413–20, 1976 (Eng. Abstr.) (Fre)
[Blood coagulation in newborns (author's transl)] Verron G, et al. **Zentralbl Chir** 101(26):1601–6, 1976 (Eng. Abstr.) (Ger)

IMMUNOLOGY

[Von Willebrand–Jürgens syndrome with a variant of factor VIII–associated antigen] Böttcher D, et al. **Blut** 33(1):33–40, Jul 76 (Eng. Abstr.) (Ger)
[Immunocoagulopathy (lupus anticoagulant) with severe hemorrhagic diathesis in systemic lupus erythematosus] Wysocka K, et al. **Wiad Lek** 30(14):1129–34, 15 Jul 77 (Eng. Abstr.) (Pol)

METABOLISM

Thromboxane synthesis and the platelet release reaction in Bernard–Soulier syndrome, thrombasthenia Glanzmann and Hermansky–Pudlak syndrome. Malmsten C, et al. **Br J Haematol** 35(4):511–520, Apr 77

PATHOLOGY

[Chronic furazolidone poisoning in the calf] Hofmann W. **Tieraerztl Prax** 4(4):453–64, 1976 (Ger)

PHYSIOPATHOLOGY

[Late results of splenectomy in Werlhof's disease] Demidiuk PF, et al. **Probl Gematol Pereliv Krovi** 22(3):19–23, Mar 77 (Eng. Abstr.) (Rus)

SURGERY

Hemorrhagic diathesis and surgery. Aburahma AF. **W Va Med J** 73(8):173–8, Aug 77

THERAPY

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
Emergencies in internal medicine. Tintinalli JE. **Compr Ther** 3(3):54–65, Mar 77
The hemorrhagic complications of open–heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)
Management of bleeding disorders in traumatic–haemorrhagic shock states with deep frozen fresh plasma. Hehne HJ, et al. **Eur J Intensive Care Med** 2(4):157–61, 1976
Dx and treatment of abnormal bleeding due to disorders of hemostasis. Bilezikian SB, et al. **Med Times** 104(10):177–97, Oct 76
Care of the critically ill child: the bleeding neonate. Glader BE, et al. **Pediatrics** 58(4):548–55, Oct 76
[Hemostasis disorders in the alcoholic] Wautier JL, et al. **Actual Odontostomatol (Paris)** (115):455–61, Sep 76 (Fre)
[Histocompatibility and thrombocyte transfusion] Mueller–Eckhardt C. **Blut** 34(4):261–70, Apr 77 (Ger)
[Indications for the transfusion of erythrocyte concentrates] Baumgarten K. **Infusionsther Klin Ernaehr** 4(2):101–4, Apr 77 (Eng. Abstr.) (Ger)
[Freshly frozen preserved plasma for the treatment of intravascular coagulation in polytraumatized patients] Hehne HJ, et al. **Schweiz Med Wochenschr** 106(20):671–6, 15 May 76 (Eng. Abstr.) (Ger)

VETERINARY

Diagnosis and management of monoclonal gammopathies. MacEwen EG, et al. **Vet Clin North Am** 7(1):119–32, Feb 77
[Chronic furazolidone poisoning in the calf] Hofmann W. **Tieraerztl Prax** 4(4):453–64, 1976 (Ger)

HEMORRHAGIC DISEASE OF NEWBORN

[Late onset of hemorrhagic disease of the newborn] Fried D, et al. **Harefuah** 92(12):565–6, 15 Jun 77 (Eng. Abstr.) (Heb)

BLOOD

The influence of perinatal risk factors on the incidence of atypical coagulation factor VII during the first days of life. Maak B, et al. **Eur J Pediatr** 125(4):259–64, 12 Aug 77

CHEMICALLY INDUCED

Haemorrhagic disease of the newborn in the offspring of rifampicin and isoniazid treated mothers. Eggermont E, et al. **Acta Paediatr Belg** 29(2):87–90, Apr–Jun 76

COMPLICATIONS

Diagnosis and management of upper gastrointestinal hemorrhage in children. Liebman WM. **Pediatr Ann** 5(11):690–9, Nov 76
[Several cases of digestive hemorrhage in children] Ambrosioni G, et al. **Minerva Pediatr** 29(9):621–6, 17 Mar 77 (Ita)
[Digestive hemorrhages in newborn and other infants] Levi P, et al. **Minerva Pediatr** 29(22):1393–408, 23 Jun 77 (Ita)

DIAGNOSIS

Care of the critically ill child: the bleeding neonate. Glader BE, et al. **Pediatrics** 58(4):548–55, Oct 76
[Late onset of hemorrhagic disease of the newborn] Fried D, et al. **Harefuah** 92(12):565–6, 15 Jun 77 (Eng. Abstr.) (Heb)
[Hemorrhagic disease of the newborn. Analysis of 50 cases] Cetina Sauri G, et al. **Bol Med Hosp Infant Mex** 34(2):399–406, Mar–Apr 77 (Eng. Abstr.) (Spa)

DRUG THERAPY

[Our experience with the emergency treatment of brain diseases in newborn infants] Vecchi C, et al. **Minerva Pediatr** 29(13):951–4, 14 Apr 77 (Ita)

ETIOLOGY

Care of the critically ill child: the bleeding neonate. Glader BE, et al. **Pediatrics** 58(4):548–55, Oct 76

IMMUNOLOGY

[Immunoglobulins in the cerebrospiral fluid. Findings on various pathological conditions in the newborn infant] de Seta L, et al. **Minerva Pediatr** 28(16):939–45, 5 May 76 (Eng. Abstr.) (Ita)

PREVENTION & CONTROL

Vitamin–K deficiency in the newborn [letter] **Lancet** 2(8030):187–8, 23 Jul 77

THERAPY

Care of the critically ill child: the bleeding neonate. Glader BE, et al. **Pediatrics** 58(4):548–55, Oct 76
[Late onset of hemorrhagic disease of the newborn] Fried D, et al. **Harefuah** 92(12):565–6, 15 Jun 77 (Eng. Abstr.) (Heb)

HEMORRHAGIC THROMBOCYTHEMIA

LAP negative and Ph1–positive hemorrhagic thrombocythemia. Butoianu E, et al. **Med Interne** 15(1):63–5, Jan–Mar 77

BLOOD

[Blastic crisis in chronic myeloid leukemia: megakaryoblastic leukemia?] Armenta D, et al. **Union Med Can** 105(9):1339–44, Sep 76 (Eng. Abstr.) (Fre)
[Megakaryocytic myelosis: clinical and morphological features (author's transl)] Prechtel K, et al. **Dtsch Med Wochenschr** 102(23):853–7, 10 Jun 77 (Eng. Abstr.) (Ger)
[Hereditary hemorrhagic thrombocytoasthenia] Farkhutdinov RG, et al. **Sov Med** (8):74–7, AUG 76 (Rus)

CLASSIFICATION

[Hemorrhagic thrombocythemia study of a case with personal observation] Tognella S, et al. **Recent Prog Med (Roma)** 62(1):99–113, Jul 76 (Eng. Abstr.) **(Ita)**

[Classification of platelet function abnormalities (author's transl)] Deguchi K. **Jpn J Clin Hematol** 17(7):716–29, Jul 76 (98 ref.) **(Jpn)**

COMPLICATIONS

Microvascular occlusive lesions in primary thrombocythaemia. Singh AK, et al. **Br J Haematol** 36(4):553–64, Aug 77

[Megakaryocytic myelosis: clinical and morphological features (author's transl)] Prechtel K, et al. **Dtsch Med Wochenschr** 102(23):853–7, 10 Jun 77 (Eng. Abstr.) **(Ger)**

[Hemorrhagic thrombocythemia study of a case with personal observation] Tognella S, et al. **Recent Prog Med (Roma)** 62(1):99–113, Jul 76 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Microvascular occlusive lesions in primary thrombocythaemia. Singh AK, et al. **Br J Haematol** 36(4):553–64, Aug 77

Diagnosis and management of myeloproliferative disorders. Laszlo J, et al. **Curr Probl Cancer** 2(1):1–42, Jul 77

[A case of thrombocytic hemorrhagic dystrophy] Tusell J, et al. **Nouv Rev Fr Hematol Blood Cells** 18(1):185–7, 1977 **(Fre)**

DRUG THERAPY

Thrombocythaemia and multiple myeloma. A report on two cases. Selroos O, et al. **Acta Med Scand** 201(3):243–7, 1977

Myeloproliferative diseases. Silverstein MN. **Postgrad Med** 61(2):206–10, Feb 77

[Hereditary hemorrhagic thrombocytoasthenia] Farkhutdinov RG, et al. **Sov Med** (8):74–7, AUG 76 **(Rus)**

ENZYMOLOGY

LAP negative and Ph1-positive hemorrhagic thrombocythemia. Butoianu E, et al. **Med Interne** 15(1):63–5, Jan–Mar 77

ETIOLOGY

Thrombocythaemia and multiple myeloma. A report on two cases. Selroos O, et al. **Acta Med Scand** 201(3):243–7, 1977

FAMILIAL & GENETIC

LAP negative and Ph1-positive hemorrhagic thrombocythemia. Butoianu E, et al. **Med Interne** 15(1):63–5, Jan–Mar 77

[Hereditary hemorrhagic thrombocytoasthenia] Farkhutdinov RG, et al. **Sov Med** (8):74–7, AUG 76 **(Rus)**

PATHOLOGY

Freeze-fracture of the normal and pathological megakaryocyte lineage in chronic megakaryocytic-granulocytic myelosis. Thiele J, et al. **Virchows Archiv [Cell Pathol]** 23(1):33–51, 20 Jan 77

[Megakaryocytic myelosis: clinical and morphological features (author's transl)] Prechtel K, et al. **Dtsch Med Wochenschr** 102(23):853–7, 10 Jun 77 (Eng. Abstr.) **(Ger)**

THERAPY

Diagnosis and management of myeloproliferative disorders. Laszlo J, et al. **Curr Probl Cancer** 2(1):1–42, Jul 77

HEMOSTASIS

Pathophysiology of bleeding disorders. Mammen EF. **AANA J** 44(6):598–608, Dec 76

The influence of smoking on the haemostatic mechanism in pregnancy. Condie RG, et al. **Acta Obstet Gynecol Scand** 56(1):5–8, 1977

Thrombus formation, hemostasis, adhesiveness of leukocytes and morphological abnormalities in the microcirculation of adjuvant arthritic rats. Görög P, et al. **Agents Actions** 6(5):607–12, Sep 76

Purpura fulminans. Spicer TE, et al. **Am J Med** 61(4):566–71, Oct 76 (44 ref.)

Normal hemostatic mechanisms: a review. Pool JG. **Am J Med Technol** 43(8):776–80, Aug 77

Coagulation factor XIIa (activated Hageman factor) inhibitor from adult Schistosoma mansoni. Tsang VC, et al. **Am J Trop Med Hyg** 26(2):243–7, Mar 77

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

The endothelium: roles in thrombosis and hemostasis Mason RG, et al. **Arch Pathol Lab Med** 101(2):61–4, Feb 77 (96 ref.)

Evaluation of the hazards of sickle trait in aviation. McKenzie JM. **Aviat Space Environ Med** 48(8):753–62, Aug 77

Laser-induced thrombus formation and vascular reactivity in the microcirculation of the spontaneously hypertensive rat. Görög P, et al. **Blood Vessels** 14(5):294–302, 1977

Diseases of the urinary system. Treatment of blood disorders in renal disease and renal failure. Mitchell TR. **Br Med J** 2(6080):174–7, 16 Jul 77

Unexpected excessive bleeding during operation: role of acetyl salycilic acid. Davies DW, et al. **Can Anaesth Soc J** 24(4):452–8, Jul 77

Normal processes and restraints in wound healing. Carpenter NH, et al. **Can J Surg** 20(4):314–23, Jul 77

Cardiovascular and renal effects of head-out water immersion in man: application of the model in the assessment of volume homeostasis. Epstein M. **Circ Res** 39(5):619–28, Nov 76 (74 ref.)

Reflex vascular capacity reduction in the dog. Rothe CF. **Circ Res** 39(5):705–10, Nov 76

Platelet activating factor, the trigger of haemostatic alterations in rat anaphylaxis. Fésüs L, et al. **Clin Exp Immunol** 27(3):512–5, Mar 77

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

Current concepts of wound healing. Howes RM, et al. **Clin Plast Surg** 4(2):173–9, Apr 77 (62 ref.)

Platelet-collagen interactions. Legrand Y, et al. **Compr Ther** 3(6):59–66, Jun 77 (14 ref.)

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

The correlation of the haemostatic disorder, clinical-biochemical state and treatment in patients with hepatic coma complicated acute viral hepatitis. Grunevska B, et al. **God Zb Med Fak Skopje** 22:149–57, 1976

Hemostasis, fibrin incorporation and local mesenchymal reaction in erysipelothrix infection as a model for rheumatism research. pp. 215–37. Schulz LC, et al. **In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e.**

Platelets, inflammation and non-steroidal anti-inflammatory drugs. pp. 45–51. de Gaetano G. **In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975.** (65 ref.)

Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ. **In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.** (58 ref.)

Use of newer platelet function tests to define abnormalities of hemostasis and thrombosis. pp. 81–8. Hoak JC, et al. **In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.**

Platelets: the last hundred years. pp. 5–22. Mielke CH Jr. **In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.**

Clinical use of membrane oxygenators for acute respiratory insufficiency. pp. 405–20. Raphael JC, et al. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.**

Fibrin complexes in intermediary coagulation. Shainoff JR, et al. **Int J Dermatol** 15:738–41, Dec 76

Reparative processes in mammalian wound healing: the role of contractile phenomena. Gabbiani G. **Int Rev Cytol**

48:187–219, 1977
The diabetic foot. Levin ME. **J Am Podiatry Assoc** 66(11):825–39, Nov 76
Abnormal arteriovenous shunts associated with chronic venous insufficiency. Haimovici H. **J Cardiovasc Surg (Torino)** 17(6):473–82, Nov–Dec 76
Complement (C5-a)-induced granulocyte aggregation in vitro. A possible mechanism of complement-mediated leukostasis and leukopenia. Craddock PR, et al. **J Clin Invest** 60(1):260–4, Jul 77
Studies on the prolonged bleeding time in von Willebrand's disease. Mannucci PM, et al. **J Lab Clin Med** 88(4):662–71, Oct 76
Kinetic characterization of hemostasis in thermal injury. Simon TL, et al. **J Lab Clin Med** 89(4):702–11, Apr 77
Comparison of a microcrystalline collagen preparation and gelatin foam in extraction wounds. Benoit PW, et al. **J Oral Surg** 34(12):1079–83, Dec 76
Severe coagulation abnormalities in Reye syndrome. Pegelow C, et al. **J Pediatr** 91(3):413–6, Sep 77
Antihemophilic factor concentrate therapy in von Willebrand disease. Dissociation of bleeding-time factor and ristocetin-cofactor activities. Blatt PM, et al. **JAMA** 236(24):2770–2, 13 Dec 76
Factor VII deficiency and surgery. Is preoperative replacement therapy necessary? Yorke AJ, et al. **JAMA** 238(5):424–5, 1 Aug 77
Respiratory distress syndrome of shock and trauma: post-traumatic respiratory failure. Blaisdell FW, et al. **Major Probl Clin Surg** 21:1–237, 1977
Quantitative bleeding time (hemorrhagometry). A review. Sutor AH, et al. **Mayo Clin Proc** 52(4):238–40, Apr 77
Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)
Dx and treatment of abnormal bleeding due to disorders of hemostasis. Bilezikian SB, et al. **Med Times** 104(10):177–97, Oct 76
Frank A. Belamarich. Shepro D. **Microvasc Res** 12(3):241–3, Nov 76
Von Willebrand's disease and the molecular pathology of hemostasis [editorial]. Nachman RL. **N Engl J Med** 296(18):1059–60, 5 May 77
Platelet membrane glycoproteins: a role in the haemostatic process? Jenkins CS, et al. **Neth J Med** 19(6):291–5, 1976
Factor V and VIII activation 'in vivo' during bleeding. Evidence of thrombin formation at the early stage of hemostasis. Jensen AH, et al. **Pathol Biol (Paris)** 24 Suppl:6–10, Dec 76
Evaluation of the bleeding patient. Marengo-Rowe AJ, et al. **Postgrad Med** 62(1):171–7, Jul 77
Treatment of hemoptysis by embolization of bronchial arteries. Rémy J, et al. **Radiology** 122(1):33–7, Jan 77
The haemostatic effect of 51CR-labelled blood platelets. An experimental study in the rabbit. Björnson J, et al. **Scand J Haematol** 18(4):326–32, Apr 77
Alteration of primary hemostasis in hemophiliacs after treatment with lyophilized antihemophilic globulin. Sutor AH, et al. **Scand J Haematol** (30):33–9, 1977
Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)
The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)
Platelets and thromboembolism. Aledort LM. **Semin Thromb Hemostas** 2(3):136–45, Jan 76 (32 ref.)
Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)
Laboratory modalities for assessing hemostasis during cardiopulmonary bypass. Fekete LF, et al. **Semin Thromb Hemostas** 3(2):83–9, Oct 76
Cardiopulmoanry bypass hemorrhage: a surgeon's point of view. Lambert CJ. **Semin Thromb Hemostas** 3(2):90–7, Oct 76
The platelet in von Willebrand's disease: interactions with ristocetin and factor VIII. Walsh RT. **Semin Thromb Hemostas** 2(2):105–115, Oct 75 (83 ref.)
Role of platelets in hemostasis and thrombosis. Day HJ. **Ser Haematol** 8(3):23–37, 1975
Use of newer platelet function tests ot define abnormalities of hemostasis and thrombosis. Hoak JC, et al. **Ser Haematol** 8(3):81–8, 1975
Platelets: the last hundred years. Mielke CH Jr. **Ser Haematol** 8(3):5–22, 1975
Aspirin revisited. Rodvein R, et al. **Ser Haematol** 8(3):141–50, 1975 (53 ref.)
Some basic mechanisms in platelet physiology. Salzman EW. **Ser Haematol** 8(3):38–49, 1975 (62 ref.)
XIV. Cerebral ischemia: the role of thrombosis and of antithrombotic therapy. Study group on antithrombotic therapy. Genton E, et al. **Stroke** 8(1):150–75, Jan–Feb 77
Syndromes of intravascular coagulation. Rodríguez-Erdmann F. **Surg Annu** 9:1–28, 1977 (28 ref.)
Endocrine control of plasma protein and volume. Gann DS. **Surg Clin North Am** 56(5):1135–45, Oct 76
Microvascular haemostasis and the effect of local stimulation and inhibition of platelet function. An experimental study in rabbits. Bergqvist D, et al. **Thromb Haemostas** 36(1):133–9, 31 Aug 76
On the value of the activated partial thrombo-plastin time (aptt) in monitoring heparin therapy. Teien AN, et al. **Thromb Haemostas** 35(3):592–7, 30 Jun 76
The role of red cells in haemostatic plug formation in the isolated rabbit mesentery. Bergqvist D, et al. **Thromb Res** 11(1):95–100, Jul 77
Immunofluorescent detection of alpha 1-antitrypsin in platelets and megakaryocytes. Nalli G, et al. **Thromb Res** 10(4):613–7, Apr 77
Deep vein thrombosis. Pathogenesis of venous thrombosis. Thomas DP. **Trans Med Soc Lond** 91:33–4, 1975
Oxygen consumption, platelet aggregation and release reactions in platelets freeze-preserved with dimethylsulfoxide. Spector JI, et al. **Transfusion** 17(2):99–109, Mar–Apr 77
Haemostasis disorders in open heart surgery with extracorporeal circulation. Importance of the platelet function and the heparin neutralization. Moriau M, et al. **Vox Sang** 32(1):41–51, 1977
Role of platelets in hemostasis and thrombosis. Rodvien R, et al. **West J Med** 125(3):181–6, Sep 76
[Normal hemostatic indices in experimental animals] Doĭchinov A, et al. **Eksp Med Morfol** 16(2):105–7, 1977 (Eng. Abstr.) **(Bul)**
[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**
[On the problem of antiheparin activity in disorders of haemastasis (author's transl)] Cieslar P, et al. **Sb Lek** 78(10):277–85, Oct 76 (Eng. Abstr.) **(Cze)**
[Surgical therapeutic possibilities in upper gastrointestinal hemorrhage] Eyskens E. **Tijdschr Gastroenterol** 29(5):347–59, 1976 **(Dut)**
[Hemostasis disorders in the alcoholic] Wautier JL, et al. **Actual Odontostomatol (Paris)** (115):455–61, Sep 76 **(Fre)**
[Systematic study of hemostasis disorders in 20 partial hepatectomies] Morisot P, et al. **Anesth Analg (Paris)** 34(1):123–30, Jan–Feb 77 **(Fre)**
[Hemostatic disorders in septicemia. Apropos of 65 cases] Département d'Anesthésie-Réanimation, Groupe hospitalier La Timone – 13385 Marseille Cedex 4.. **Ann Anesthesiol Fr** 17(3):45–9, 1976 (Eng. Abstr.) **(Fre)**
[Variations in hemostasis in the infant under deep hypothermia] Doutremepuich C, et al. **Ann Anesthesiol Fr** 18(1):62–7, 1977 (Eng. Abstr.) **(Fre)**
[Shivering during recovery after cardiac surgery under extracorporeal circulation. Inconveniences and methods of prevention] Fogliani J, et al. **Ann Anesthesiol Fr** 17(12):1422–31, 1976 (Eng. Abstr.) **(Fre)**
[Place of neuroleptics in geriatric anesthesia] Roujas F, et al. **Ann Anesthesiol Fr** 17(10):1143–54, 1976 (Eng. Abstr.) **(Fre)**
[Minimal pre-operative assessment of hemostasis (author's transl)] Kher A, et al. **Ann Chir** 31(2):177–9, Feb 77 (Eng. Abstr.) **(Fre)**
[Assisted respiration with the membrane oxygenator: surgical problems (author's transl)] Menasche P, et al. **Ann Chir Thorac Cardiovasc** 16(1):39–41, Jan 77 (Eng. Abstr.) **(Fre)**
[Treatment of refractory acute respiratory insufficiency by extracorporeal circulation with the membrane oxygenator. i. items to be monitored (author's transl)] Raphael JC, et al. **Ann Chir Thorac Cardiovasc** 16(1):19–22, Jan 77 (Eng. Abstr.) **(Fre)**
[Study of hemostasis factors in nephrotic syndrome. Pathogenic interpretation and therapeutic deductions] Bernard D, et al. **Ann Med Interne (Paris)** 128(4):325–33, Apr 77 (Eng. Abstr.) **(Fre)**
[Peculiarities of hemostasis in the term newborn infant] Leroy J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 5(6):767–81, Sep 76 (Eng. Abstr.) **(Fre)**
[Hydraulic haemostasis in transurethral resection of the prostate (author's transl)] Iglesias J, et al. **J Urol Nephrol (Paris)** 83(3):169–74, Mar 77 (Eng. Abstr.) **(Fre)**
[Disorders of hemostasis during partial hepatectomies. Study of 20 cases] Conard J, et al. **Nouv Presse Med** 5(38):2519–23, 13 NOV 76 (Eng. Abstr.) **(Fre)**
[Hemostasis during acidosis. Experimental study in dogs]

Kartalis G, et al. **Nouv Rev Fr Hematol Blood Cells** 18(1):197–200, 1977 **(Fre)**

[Anomalies of hemostasis and fetal hypotrophy] Raynaud EJ, et al. **Pediatrie** 32(3):231–9, Apr–May 77 (Eng. Abstr.) **(Fre)**

[Multiple organic replacement in intensive care medicine seen from anaesthesiological view (author's transl)] Baust G, et al. **Anaesthesist** 26(2):49–55, Feb 77 (Eng. Abstr.) **(Ger)**

[The influence of blood transfusions on changes of the coagulation in polytraumatized patients (author's transl)] Sefrin P, et al. **Anaesthesist** 26(6):288–94, Jun 77 (Eng. Abstr.) **(Ger)**

[The management of occasional wounds] Gay B. **Chirurg** 47(12):644–8, Dec 76 **(Ger)**

[Histological changes in the ligated vasa ovarica (author's transl)] Slunsky R. **Geburtshilfe Frauenheilkd** 36(8):677–82, Aug 76 (Eng. Abstr.) **(Ger)**

[Surgical management of liver trauma (author's transl)] Klosoris E, et al. **Langenbecks Arch Chir** 344(1):61–70, 13 Jul 77 (Eng. Abstr.) **(Ger)**

[Bleeding time (Duke) as a clinical function test of the primary phase of hemostasis] Angelkort B, et al. **Med Welt** 27(47):2302–4, 19 Nov 76 **(Ger)**

[Diabetes mellitus, hemostatic function, and diabetic angiopathy] Zöller H, et al. **Med Welt** 27(37):1742–3, 10 Sep 76 **(Ger)**

[The infrared contact coagulator for hemostasis in the renal parenchyma (author's transl)] Hofstetter A, et al. **Munch Med Wochenschr** 118(47):1537–40, 19 Nov 76 (Eng. Abstr.) **(Ger)**

[Hemostatic processes in aneurysmal hemorrhages] Hindersin P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 29(3):129–44, Mar 77 (Eng. Abstr.) **(Ger)**

[Septic shock in the urologic patient. II. Pathomechanisms of hemostatic disorders (author's transl)] Marx FJ, et al. **Urologe [A]** 16(4):241–3, Jul 77 (Eng. Abstr.) **(Ger)**

[Rheumatoid vascular processes and hemostasis factors in the animal experiment] Schulz LC. **Verh Dtsch Ges Rheumatol** 4:311–21, 1976 (Eng. Abstr.) **(Ger)**

[On the pathogenesis of the glomerulosclerosis ultrastructural and autoradiographic investigations on the rat kidney (author's transl)] Romen W. **Veroeff Pathol** (102):1–101, 1976 (178 ref.) (Eng. Abstr.) **(Ger)**

[Tissue adhesion and local haemostasis using fibrinogen, thrombin and clotting factor xiii. (experimental investigations—clinical experience) (author's transl)] Spängler HP. **Wien Klin Wochenschr [Suppl]** 88(49):3–18, 1976 (Eng. Abstr.) **(Ger)**

[Treatment of hemostasis disorders in liver diseases:prothrombin-complex concentrates] Fischer M. **Z Gastroenterol** 14(6):650–3, Oct 76 (Eng. Abstr.) **(Ger)**

[Immunological determination of blood coagulation factors and their importance in the liver diagnosis] Breddin K, et al. **Z Gastroenterol [Verh]** (8):154–62, 1976 **(Ger)**

[Rheumatoid vascular processes and hemostatic factors in experimental animals (proceedings)] Schulz LC. **Z Rheumatol** 35 Suppl 4:suppl 311–21, 1976 (Eng. Abstr.) **(Ger)**

[First aid on the spot and in the operating room. Proposals for successful reconstruction of injuries to the arteries] Oberlinner R, et al. **Zentralbl Chir** 102(8):491–4, 1977 **(Ger)**

[Classification and pathogenesis of thrombohemorrhagic events connected with surgery. Intravascular coagulation in surgery] Doni A. **Minerva Chir** 31(20):1109–18, 31 Oct 76 (Eng. Abstr.) **(Ita)**

[Meno-metrorrhagia in relation to coagulation and fibrinolysis] Gjønness H. **Tidsskr Nor Laegeforen** 96(26):1356–9, 20 SEP 76 (Eng. Abstr.) **(Nor)**

[Function of the spleen in blood coagulation] Lisiewicz J. **Wiad Lek** 29(19):1721–4, 10 Oct 76 (Eng. Abstr.) **(Pol)**

[Hemostasis in uremic patients, significance of the Ivy test] Galvão MM, et al. **Rev Hosp Clin Fac Med Sao Paulo** 31(6):442–5, Nov–Dec 76 (Eng. Abstr.) **(Por)**

[Experimental and clinical studies of the mechanism of the hemostatic effect of local hypothermia in gynecological operations] Zagrebina VA, et al. **Akush Ginekol (Mosk)** (7):51–4, Jul 76 (Eng. Abstr.) **(Rus)**

[Effect of the degree of compensation of blood loss during heart surgery under conditions of artificial circulation] Iunovidova LI, et al. **Grudn Khir** (3):33–7, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Interrelationship of lipid metabolic disorders and hemostasis in arteriosclerosis] Khalfen ESh, et al. **Kardiologiia** 16(10):123–30, Oct 76 (Eng. Abstr.) **(Rus)**

[State of microcirculatory hemostasis in arterial hypertension and its changes under the effect of heparin] Pavlishchuk SA. **Kardiologiia** 17(5):45–9, May 77 (Eng. Abstr.) **(Rus)**

[Blood coagulation and functional characteristics of the thrombocytes in advanced stages of burns] Levin GIa, et al. **Khirurgiia (Mosk)** (6):44–9, Jun 77 (Eng. Abstr.) **(Rus)**

[Indicators of hemostasis in acute venous thrombosis] Savel'ev VS, et al. **Khirurgiia (Mosk)** (5):18–22, MAY 76 (Eng. Abstr.) **(Rus)**

[Functional changes of hemostasis in patients with burns at the stage of septicotoxemia under ftorotan anesthesia] Pasiak VN. **Klin Khir** (4):45–7, Apr 76 **(Rus)**

[Role of the thrombocytes in changes in the hemostatic system in diabetes mellitus] Petrov MN, et al. **Klin Med (Mosk)** 54(7):119–22, Jul 76 (Eng. Abstr.) **(Rus)**

[Blood coagulation system during a 12-day immersion in water and the prophylactic role of centrifugation] Khudiakova MA, et al. **Kosm Biol Aviakosm Med** 11(3):79–81, May–Jun 77 **(Rus)**

[Von Willebrand factor. Its role in hemostasis and the method of its determination] Baluda VP, et al. **Lab Delo** (8):451–5, 1976 **(Rus)**

[New findings concerning the role of the kallikrein-kinin system in regulating hemostasis] Komissarova NV, et al. **Patol Fiziol Eksp Ter** (3):89, May–Jun 77 **(Rus)**

[Disorder of the thrombocytic-vascular component of hemostasis in thyrotoxicosis] Pavlovskii DP. **Probl Endokrinol (Mosk)** 23(3):32–5, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Dialectic of the processes of fibrinolysis and blood coagulation] Petlenko VP, et al. **Probl Gematol Pereliv Krovi** 22(7):31–6, Jul 77 (14 ref.) (Eng. Abstr.) **(Rus)**

[Mechanism of the action of rheopolyglucin] Shestakov VA, et al. **Probl Gematol Pereliv Krovi** 21(9):21–5, 1976 (Eng. Abstr.) **(Rus)**

[Disorder of primary hemostasis in chronic lympholeukemia] Shitikova AS, et al. **Probl Gematol Pereliv Krovi** 22(7):9–14, Jul 77 (Eng. Abstr.) **(Rus)**

[Biactive electrodes in adenomectomy of the prostate] Mysak IO. **Sov Med** (10):88–90, Oct 76 (Eng. Abstr.) **(Rus)**

[Prognosis in urological patients with chronic renal insufficiency] Pytel' AIa, et al. **Sov Med** (10):98–102, Oct 76 (Eng. Abstr.) **(Rus)**

[Specific features of hemostasis in patients with peptic ulcer complicated by hemorrhage (problems of pathogenesis, prognosis and treatment)] Belousov AS, et al. **Ter Arkh** 49(5):103–5, 1977 (Eng. Abstr.) **(Rus)**

[Study of the hemostasis system in chronic pancreatitis] Orlov VA, et al. **Ter Arkh** 49(2):80–5, 1977 **(Rus)**

[Characteristics of hemostasis and fibrinolysis system in patients with chronic glomerulonephritis] Panchenko VM, et al. **Ter Arkh** 49(7):54–8, 1977 (Eng. Abstr.) **(Rus)**

[Comparative study of the action exerted by sodium chloride iodine-bromine baths, corrected in their composition, on various hemodynamic and hemostasic characteristics in ischemic heart disease] Oranskii IE, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** (4):20–3, Jul–Aug 77 **(Rus)**

[Influence of erythrocytes on hemostasis in patients with different degrees of rheumatism] Goriachkin IaKh. **Vopr Revm** (2):30–3, Apr–Jun 77 (Eng. Abstr.) **(Rus)**

[Leukocytic factors of hemostasis in patients with rheumatism] Goriachkin IaK. **Vrach Delo** (1):31–6, Jan 77 (Eng. Abstr.) **(Rus)**

[The role of leukocytes in hemostasis in patients with rheumatism] Goriachkin IaKh. **Vrach Delo** (1):31–6, Jan 77 (Eng. Abstr.) **(Rus)**

['Dialysability' of patients in the terminal stages of chronic renal failure] Mel'man NIa, et al. **Vrach Delo** (1):76–80, Jan 77 (Eng. Abstr.) **(Rus)**

[Acute pancreatitis in relation to hemostasis] Abramić P, et al. **Acta Chir Iugosl** 24(1 Suppl):77–8, 1977 **(Scr)**

[Hemostatic disorders in Australia-antigen-positive subjects as an important cause of hemorrhage during surgical interventions] Bošković S, et al. **Acta Chir Iugosl** 22(1):45–54, 1975 (Eng. Abstr.) **(Scr)**

[Timing and priority of surgical interventions in persons with multiple injuries] Karadžić A, et al. **Acta Chir Iugosl** 22(1 Suppl):625–7, 1975 (Eng. Abstr.) **(Scr)**

[Functional state of the blood coagulation and anticoagulation systems in women in missed abortion or labor] Kligerman MM, et al. **Pediatr Akush Ginekol** (4):37–9, Jul–Aug 76 **(Ukr)**

[Hemostatic disorders in obstetrics and their correction] Mikhaïlenko ET, et al. **Pediatr Akush Ginekol** (2):33–8, Mar–Apr 77 **(Ukr)**

DRUG EFFECTS

Endotoxins and haemostasis. Semeraro N. **Acta Clin Belg** 31(6):377–92, 1976 (99 ref.)

Acetaminophen. Ameer B, et al. **Ann Intern Med** 87(2):202–9, Aug 77 (93 ref.)

In vitro effects of bencyclan on coagulation, fibrinolysis and platelet function. Ponari O, et al. **Arzneim Forsch** 26(8):1532–8, 1976

Impairment by heparin of primary haemostasis and platelet [14C]5–hydroxytryptamine release. Heiden D, et al. **Br J Haematol** 36(3):427–36, Jul 77

An epidemiological study of the haemostatic and other effects of oral contraceptives. Meade TW, et al. **Br J Haematol** 34(3):353–64, Nov 76

The role of arterial baroreceptors in the regulation of arterial pressure in conscious dogs. McRitchie RJ, et al. **Circ Res** 39(5):666–70, Nov 76

Hormonal and metabolic effects of somatostatin in diabetic patients submitted to an i.v. arginine infusion. Assan R, et al. **Diabete Metab** 3(1):11–7, Mar 77

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)

Bilateral surgical removal of impacted lower third molar teeth as a model for drug evaluation: a test with ibuprofen. Lökken P, et al. **Eur J Clin Pharmacol** 8(3–4):209–16, 4 Apr 75

Hemostasis by premedication with estrogen in hair–transplant surgery. Pluss J. **J Dermatol Surg Oncol** 3(3):320–1, May–Jun 77

Hereditary C5 deficiency in man. III. Studies of hemostasis and platelet responses to zymosan. Breckenridge RT, et al. **J Immunol** 118(1):12–6, Jan 77

Hemodynamic effects of locally applied epinephrine used with various general anesthetic techniques. Funakoshi Y, et al. **J Oral Surg** 35(9):713–8, Sep 77

Coagulation studies and platelet function after somatostatin infusion. Rasche H, et al. **Klin Wochenschr** 54(20):977–82, 15 Oct 76

Plasma coagulation in myringoplasty and fascialis transplantation [letter]. Everberg G, et al. **Lancet** 1(8024):1257–8, 11 Jun 77

Angiotensin II. Vascular reactivity and humoral effects. Uza G. **Med Interne** 14(2):87–96, Apr–Jun 76

The effects of intramyometrial injection of prostaglandin F2alpha on severe post–partum hemorrhage. Takagi S, et al. **Prostaglandins** 12(4):565–79, Oct 76

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

Clinical pharmacoloby of acetylsalicylic acid. Cohen LS. **Semin Thromb Hemostas** 2(3):146–75, Jan 76 (102 ref.)

Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. Holmsen H. **Ser Haematol** 8(3):50–80, 1975 (148 ref.)

The effects of therapy with oestriol succinate and ethinyl oestradiol on the haemostatic mechanism in post–menopausal women. Davies T, et al. **Thromb Haemostas** 35(2):403–14, 30 Apr 76

The influence of drugs on disseminated intravascular coagulation (DIC). I. Effects of antifibrinolytics and fibrinolytics on thrombin–induced DIC in rats. Markwardt F, et al. **Thromb Res** 9(2):143–52, Aug 76

Experience of extensive vascular surgery on defibrase–defibrinogenated patients. Olsson P, et al. **Thromb Res** 9(3):277–87, Sep 76

[Effect of dextran on coagulation and hemostasis phenomena] Bergentz SE. **Anesth Analg (Paris)** 3(4):573–6, Jul–Aug 76 **(Fre)**

[Impact and complications observed in the use of macromolecules] Laxenaire MC, et al. **Anesth Analg (Paris)** 3(4):691–702, Jul–Aug 76 (68 ref.) **(Fre)**

[Action of Trivé 1000 on hemostasis and hematocrit] Fogliani J, et al. **Ann Anesthesiol Fr** 18(2):214–22, 1977 (Eng. Abstr.) **(Fre)**

[Trials of controlled hypotension with sodium nitroprusside in ORL surgery. Resistance and tachyphylaxis] Mak D, et al. **Ann Anesthesiol Fr** 17(6):637–48, 1976 (Eng. Abstr.) **(Fre)**

[Somatostatin, a new hormone? (author's transl)] Assan R. **Diabete Metab** 2(3):135–46, Sep 76 (Eng. Abstr.) **(Fre)**

[Evaluation in children of the clinical, biological and electroencephalographic side effects of L–asparaginase] Olive D, et al. **Pediatrie** 31(3):259–78, Apr 76 (Eng. Abstr.) **(Fre)**

[Clinical study with a new antihyperlipemic combination] Pistautz H. **Arzneim Forsch** 27(1):152–6, 1977 (Eng. Abstr.) **(Ger)**

[Changes in hemostasis during epilespy treatment using dipropyl acetate. Extended study] Sutor AH, et al. **Fortschr Med** 94(8):411–4, 11 Mar 76 (Eng. Abstr.) **(Ger)**

[Hamostasiological changes induced by platelet–aggregation–inhibitors, tested in children with congenital heart disease (in vitro and in vitro examinations) (author's transl)] Schmidt B, et al. **Klin Paediatr** 188(5):424–9, Sep 76 (Eng. Abstr.) **(Ger)**

[Disorders of hemostasis caused by dipropylacetate] Klose PK, et al. **Munch Med Wochenschr** 119(3):91–2, 21 Jan 77 **(Ger)**

[In vivo studies on the effect of alpha chymotrypsin on hemostasis] Meyer FU, et al. **Stomatol DDR** 27(2):89–92, Feb 77 (Eng. Abstr.) **(Ger)**

[Treatment of hemostasis disorders in liver diseases:prothrombin–complex concentrates] Fischer M. **Z Gastroenterol** 14(6):650–3, Oct 76 (Eng. Abstr.) **(Ger)**

[Studies on the influence of glucose infusion on parameters of hemostasis] Wamhoff D, et al. **Z Gesamte Inn Med** 31(17):711–5, 1 Sep 76 (Eng. Abstr.) **(Ger)**

[Effect of drug therapy during pregnancy on the clotting potential of the newborn] Domula M, et al. **Zentralbl Gynaekol** 99(8):473–81, 1977 (Eng. Abstr.) **(Ger)**

[Effect of infecundin on the hypothalamo–hypophyseal–ovarian system in the treatment of dysfunctional uterine hemorrhages] Akker LV. **Akush Ginekol (Mosk)** (2):20–3, 1977 (Eng. Abstr.) **(Rus)**

[Significance of intravascular blood coagulation in the pathogenesis of pregnancy complications] Kiriushchenkov AP, et al. **Akush Ginekol (Mosk)** (3):1–4, Mar 77 (42 ref.) **(Rus)**

[Effect of adenosine triphosphate therapy on the course of the radiation hemorrhagic syndrome] Ziablitskiĭ VM, et al. **Med Radiol (Mosk)** 22(5):84–6, May 77 **(Rus)**

[Use of hemostatic preparations in obstetrical hemorrhages] Pavlovskiĭ DP, et al. **Pediatr Akush Ginekol** (1):33–7, Jan–Feb 76 **(Ukr)**

RADIATION EFFECTS

[Contact– and suture–free hemostasis on the kidney parenchyma by means of a new infrared radiation instrument (MICOR)] Nöske HD. **Fortschr Med** 94(30):1713–22, 21 Oct 76 (Eng. Abstr.) **(Ger)**

HEMOSTATICS

New drugs of 1976. Hussar DA. **Am J Pharm** 149(1):5–25, Jan–Feb 77 (0 ref.)

Avitene – a new topical hemostatic agent. **Med Lett Drugs Ther** 19(6):28, Mar 25 77

[Synthesis of 1–hydroxy–4–(quinuclidine–2–carboxy)–2–methylnaphthale (letter)] Biniecki S, et al. **Acta Pol Pharm** 34(1):121–3, 1977 **(Pol)**

[Wound healing in viscera studied using a hemostatic gelatin–starch sponge of Polish manufacture] Pruszczyński M, et al. **Polim Med** 7(1):9–17, 1977 (Eng. Abstr.) **(Pol)**

[Use of the aerosol film–forming preparation lifusol in acute hemorrhages of the upper portions of the gastrointestinal tract under experimental conditions] Panchenkov RT, et al. **Eksp Khir Anesteziol** (4):8–12, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Hemostatics] Smirnov AN. **Feldsher Akush** 42(5):38–42, May 77 **(Rus)**

[Methyloxypropylcellulose – a possible base of hemostatic preparations for local use] Baluda VP, et al. **Probl Gematol Pereliv Krovi** 21(9):30–3, 1976 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Avitene – a new topical hemostatic agent. **Med Lett Drugs Ther** 19(6):28, Mar 25 77

[Use of topical hemostatic preparations in surgery] Pavlovskiĭ DP, et al. **Klin Khir** (8):66–72, Aug 76 **(Rus)**

[Methylhydroxypropylcellulose as a base for hemostatic preparations] Pavlovskiĭ DP, et al. **Farm Zh** (6):45–8, Nov–Dec 76 (Eng. Abstr.) **(Ukr)**

ADVERSE EFFECTS

Avitene – a new topical hemostatic agent. **Med Lett Drugs Ther** 19(6):28, Mar 25 77

METABOLISM

Biocompatibility and bioabsorption of microfibrillar collagen hemostat in experimental animals. McDonald TO, et al. **Toxicology** 7(1):37–44, Feb 77

PHARMACODYNAMICS

Avitene – a new topical hemostatic agent. **Med Lett Drugs Ther** 19(6):28, Mar 25 77

Registry of prospective clinical trials second report. Verstraete M. **Thromb Haemostas** 36(1):239–50, 31 Aug 76

THERAPEUTIC USE

Microcrystalline collagen hemostat (MCCH) and wound healing. Schittek A, et al. **Ann Surg** 184(6):697–704, Dec 76

Control of hepatic bleeding with microfibrillar collagen. Morgenstern L, et al. **Arch Surg** 112(8):941–3, Aug 77

Local hemostatic agents. Evans BE. **NY J Dent** 47(4):109–14, Apr 77

The avoidable complications of splenectomy. Morgenstern L. **Surg Gynecol Obstet** 145(4):525–8, Oct 77

[Hemostatics for local oral use] Petersen JK. **Tandlaegebladet** 78(18):764–6, Sep 74 **(Dan)**

[Ruscus aculeatus L.—Butcher's broom, a therapeutic agent in proctology] Salzmann P, et al. **Fortschr Med** 95(21):1419–22, 2 Jun 77 **(Ger)**

[The use of ethanisylate in minimal bronchopulmonary hemorrhages] Cesco G, et al. **Atti Accad Med Lomb** 28(1–4):121–3, 1973 (Eng. Abstr.) **(Ita)**

[Tooth extraction in children with hemophilia A and B, using dressings of cyanacrylic surgical glue] Jastrzębski S, et al. **Czas Stomatol** 29(9):787–92, Sep 76 (Eng. Abstr.) **(Pol)**

[Control of gastroduodenal hemorrhage by a combined technic] Berezov IuE, et al. **Khirurgiia (Mosk)** (1):85–9, Jan 77 (Eng. Abstr.) **(Rus)**

[Blood preparations in current transfusiology] Rusanov VM, et al. **Sov Med** (8):62–5, AUG 76 **(Rus)**

[Principles of treatment of acute blood loss in parturients] Savel'eva GM, et al. **Sov Med** (6):65–70, Jun 76 (Eng. Abstr.) **(Rus)**

[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskiĭ DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**

[Medicinal plants in ophthalmology (a review of the literature)] Margolis MG. **Vestn Oftalmol** (6):81–3, Nov–Dec 76 (21 ref.) **(Rus)**

[Use of hemostatic preparations in obstetrical hemorrhages] Pavlovskiĭ DP, et al. **Pediatr Akush Ginekol** (1):33–7, Jan–Feb 76 **(Ukr)**

HEPARIN

Cytophotometric determination of basic proteins with heparin–alcian blue method. Pokorny E, et al. **Acta Histochem (Jena)** 58(2):203–9, 1977

Purification from euglobulin of the first component (C1) of complement and its subcomponents by heparin–sepharose chromatography. von Zeipel G, et al. **Acta Pathol Microbiol Scand [C]** 85(2):123–30, Apr 77

Thromboresistance and stability of a heparinized polymer. Heideman M, et al. **Acta Radiol [Diagn] (Stockh)** 17(6):877–85, Nov 76

Role of histamine release in prostaglandin synthesis in anaphylactic shock in guinea-pig [proceedings]. Parrot JL, et al. **Agents Actions** 7(1):117–9, Mar 77

An improved procedure for quantitation of platelet factor 4. Saleem A, et al. **Am J Clin Pathol** 67(6):533–6, Jun 77

Variation among commercial activated partial thromboplastin time reagents in response to heparin. Shapiro GA, et al. **Am J Clin Pathol** 67(5):477–80, May 77

Compatibility of common additives in protein hydrolysate/dextrose solutions. Kobayashi NH, et al. **Am J Hosp Pharm** 34(6):589–94, Jun 77

Technique of handling neonatal blood samples for zinc analysis. Michie DD, et al. **Am J Med Technol** 42(11):424–7, Nov 76

Electrofocusing of heparin: Presence of 21 monomeric and dimeric molecular species in heparin preparations. Dietrich CP, et al. **An Acad Bras Cienc** 47(2):301–9, 1975

Improvements in the ethidium bromide method for direct fluorometric estimation of DNA and RNA in cell and tissue homogenates. Karsten U, et al. **Anal Biochem** 77(2):464–70, Feb 77

Septicemia from heparin-lock needles [letter]. Agger WA, et al. **Ann Intern Med** 86(5):657, May 77

Complications with heparin-lock needles. A prospective evaluation. Ferguson RL, et al. **Ann Intern Med** 85(5):583–6, Nov 76

Small-angle x-ray scattering studies on human antithrombin III and its complex with heparin. Furugren B, et al. **Arch Biochem Biophys** 178(2):419–24, 30 Jan 77

A comparative study of human tissue and post-heparin plasma triglyceride lipases. Klose G, et al. **Atherosclerosis** 25(2–3):175–82, Nov–Dec 76

Effects of clofibrate treatment on plasma triglyceride concentration, plasma post-heparin clearing factor lipase (lipoprotein lipase) activity and serum clearing factor lipase activating ability in maturity-onset diabetes. Rogers MP, et al. **Atherosclerosis** 24(3):565–73, Sep 76

Heparinase activity in rat liver. Arbogast B, et al. **Biochem Biophys Res Commun** 75(3):610–7, 11 Apr 77

Differential release of hepatic lipolytic activities. Jansen H, et al. **Biochem Biophys Res Commun** 77(3):861–7, 8 Aug 77

The heparin–thrombin complex in the mechanism of thrombin inactivation by heparin. Smith GF. **Biochem Biophys Res Commun** 77(1):111–7, 11 Jul 77

Urea reduces the thermal stability of polyanion–treated chromatin. Smith MR, et al. **Biochem Biophys Res Commun** 74(4):1475–82, 21 Feb 77

Evidence for a heparin–induced conformational change on antithrombin III. Villaneuva GB, et al. **Biochem Biophys Res Commun** 74(2):803–9, 24 Jan 77

Sensitive methods for the determination of ester sulfate in biological systems. Ginsberg LC, et al. **Biochem Med** 17(1):80–6, Feb 77

Shape changes of the human erythrocyte 'ghost'. Harris JR. **Biochem Soc Trans** 4(4):664–7, 1976

Lipoprotein lipase. Isolation and characterization of a second enzyme species from postheparin plasma. Fielding PE, et al. **Biochemistry** 16(9):1896–1900, 3 May 77

Isolation and characterization of bovine factor XII (Hageman factor). Fujikawa K, et al. **Biochemistry** 16(10):2270–8, 17 May 77

Formation of anhydrosugars in the chemical depolymerization of heparin. Shively JE, et al. **Biochemistry** 15(18):3932–42, 7 Sep 76

Nearest neighbor analysis of heparin: identification and quantitation of the products formed by selective depolymerization procedures. Shively JE, et al. **Biochemistry** 15(18):3943–50, 7 Sep 76

Effect of colchicine, cycloheximide and chloroquine on the hepatic triacylglycerol hydrolase in the intact rat and perfused liver. Chajek T, et al. **Biochim Biophys Acta** 488(2):270–9, 24 Aug 77

The binding of 1–anilino–8–naphthalenesulfonate, heparin, salicylate and caprylate by human antithrombin III. Einarsson R. **Biochim Biophys Acta** 446(1):124–33, 28 Sep 76

Action of heparin on mammalian nuclei. I. Differential extraction of histone H1 and cooperative removal of histones from chromatin. Hildebrand CE, et al. **Biochim Biophys Acta** 477(3):295–311, 2 Aug 77

Characterization of ribonucleoprotein particles from the protozoa Astasia longa. Morosoli R, et al. **Biochim Biophys Acta** 476(1):57–64, 3 May 77

Shear-induced hemolysis with commercial and glow discharge silicones. Stevenson SF, et al. **Biomater Med Devices Artif Organs** 5(1):67–96, 1977

The effect of changes in salt concentration and pH on the interaction between glycosaminoglycans and cationic polypeptides. Schodt KP, et al. **Biopolymers** 15(10):1965–77, Oct 76

Adenosine diphosphate induced platelet aggregation and release reaction in heparinized platelet rich plasma and the influence of added citrate. Heptinstall S, et al. **Br J Haematol** 36(4):565–71, Aug 77

Thrombogenicity of arterial catheters and guidewires. Roberts GM, et al. **Br J Radiol** 50(594):415–8, Jun 77

In vitro studies of gallstone dissolution using bile salt solutions and heparinized saline. Hardie IR, et al. **Br J Surg** 64(8):572–6, Aug 77

The isolation of polyribosomes from plant material using magnesium precipitation in the presence of heparin. Akalehiywot T, et al. **Can J Biochem** 55(8):901–4, Aug 77

Characterization of the interaction between chymotrypsin and heparin. Twining SS, et al. **Can J Biochem** 55(2):134–9, Feb 77

The molecular–weight range of mucosal–heparin preparations. Johnson EA, et al. **Carbohydr Res** 51(1):119–27, Oct 76

The rabbit as an animal model for the activated factor X–antithrombin III–heparin reaction. Gitel SN, et al. **Circ Res** 41(2):187–91, Aug 77

Plasma high–density lipoprotein cholesterol concentrations determined after removal of other lipoproteins by heparin/manganese precipitation or by ultracentrifugation. Bachorik PS, et al. **Clin Chem** 22(11):1828–34, Nov 76

Nature of the interaction between low–density lipoproteins and polyanions and metal ions, as exemplified by heparin and Ca2+. Cham BE. **Clin Chem** 22(11):1812–6, Nov 76

A spot test for uroporphyrinogen I synthase, the enzyme that is deficient in intermittent acute porphyria. Schumaker HM, et al. **Clin Chem** 22(12):1991–4, Dec 76

The analysis of free tryptophan in human blood with the Ultrafiltrator: a comparison with other methods. Baumann P, et al. **Clin Chim Acta** 76(2):223–31, 15 Apr 77

Extracorporeal removal of plasma lipoproteins by affinity binding to heparin–agarose. Moorjani S, et al. **Clin Chim Acta** 77(1):21–30, 16 May 77

Migration inhibition factor and the blood clotting system: effects of defibrination, heparin and thrombin. Mäkinen T, et al. **Clin Exp Immunol** 29(1):181–6, Jul 77

Laboratory and blood bank needs of a perinatal center. Mannino FL. **Clin Perinatol** 3(2):391–402, Sep 76

A comparison of the rate of complications with heparin–lock and keep–open I.V.'s. Hanson RL. **Commun Nurs Res** 8:188–200, Mar 77

Equivalency of two lots of heparin and their effects on various coagulation tests. Heinrich RA, et al. **Curr Ther Res** 20(5):725–34, Nov 76

Postheparin plasma lipoprotein lipase and hepatic lipase in diabetes mellitus. Relationship to plasma triglyceride metabolism. Nikkilä EA, et al. **Diabetes** 26(1):11–21, Jan 77

Acceleration of the reaction between thrombin and antithrombin III by non–stoichiometric amounts of heparin. Björk I, et al. **Eur J Biochem** 68(2):507–11, 15 Sep 76

Interaction of heparin with proteins. Demonstration of different binding sites for antithrombin and lipoprotein lipase. Bengtsson G, et al. **FEBS Lett** 79(1):59–63, 1 Jul 77

Anticoagulant activity of heparin: isolation of antithrombin–binding sites. Hopwood J, et al. **FEBS Lett** 69(1):51–4, 15 Oct 76

Details of glycosaminoglycan conformations and intermolecular interactions. Arnott S, et al. **Fed Proc** 36(1):73–8, Jan 77

Effect of alpha–L–iduronate conformation on the molecular shape of heparin. Atkins ED, et al. **Fed Proc** 36(1):78–83, Jan 77

Polysaccharide–polypeptide systems as models for heparin interactions. Blackwell J, et al. **Fed Proc** 36(1):98–101, Jan 77

The concept of macromolecular heparin and its physiological significance. Horner AA. **Fed Proc** 36(1):35–9, Jan 77

The heterogeneity of heparins. Lasker SE. **Fed Proc** 36(1):92–7, Jan 77

Structure and biosynthesis of heparin–like polysaccharides. Lindahl U, et al. **Fed Proc** 36(1):19–24, Jan 77

NMR spectroscopy of heparin. Perlin AS. **Fed Proc** 36(1):106–9, Jan 77

Structural requirements for the interaction of heparin with antithrombin III. Riensenfeld J, et al. **Fed Proc** 36(1):39–43, Jan 77

Physicochemical properties of heparin, and its interaction with Cu(II) and calcium in relation to anticoagulation. Stivala SS. **Fed Proc** 36(1):83–8, Jan 77

Optical conformation of heparin and heparin complexes with cationic dyes, amines and protein models. Stone AL. **Fed Proc** 36(1):1–1–6, Jan 77

Rapid molecular size characterization of heparins by high pressure liquid chromatography. Sugisaka N, et al. **Fed Proc** 36(1):89–92, Jan 77

What has been done with regard of blood compatibility? pp. 299–301. Lagergren H.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Heparin: crystalline structures of the sodium and calcium salts. pp. 21–35. Atkins ED, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

High and low molecular weight forms of heparin. Horner AA.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Chemical structure of heparin. pp. 3–20. Kiss J.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Immunoelectrophoretic quantitation of antithrombin III. Electroimmunodiffusion in agarose gels containing heparin. Grimmer O, et al. **Int J Pept Protein Res** 9(2):85–90, 1977

Adsorption of naturally occurring polymers onto calcium oxalate crystal surfaces. Leal JJ, et al. **Invest Urol** 14(4):278–83, Jan 77

Native heparin from rat peritoneal mast cells. Yurt RW, et al. **J Biol Chem** 252(2):518–21, 25 Jan 77

Development of semicrystalline poly(vinyl alcohol) hydrogels for biomedical applications. Peppas NA, et al. **J Biomed Mater Res** 11(3):423–34, May 77

Interactions among heparin, cold–insoluble globulin, and fibrinogen in formation of the heparin–precipitable fraction of plasma. Stathakis NE, et al. **J Clin Invest** 60(4):855–65, Oct 77

Heparin–induced coagulopathy. Bell WR, et al. **J Lab Clin Med** 89(4):741–50, Apr 77

Removal of heparin and protamine from plasma. Thompson AR, et al. **J Lab Clin Med** 88(6):922–9, Dec 76

Differential characteristics of purified hepatic triglyceride lipase and lipoprotein lipase from human postheparin plasma. Baginsky ML, et al. **J Lipid Res** 18(4):423–37, Jul 77

Quantitative determination of hepatic and lipoprotein lipase activities from human postheparin plasma. Boberg J, et al. **J Lipid Res** 18(4):544–7, Jul 77

Phospholipid removal during degradation of rat plasma very low density lipoprotein in vitro. Eisenberg S, et al. **J Lipid Res** 17(6):578–87, Nov 76

A stable, radioactive substrate emulsion for assay of lipoprotein lipase. Nilsson–Ehle P, et al. **J Lipid Res** 17(5):536–41, Sep 76

Simple assay for glycerophospholipid hydrolase activity of postheparin plasma. Shaw WA, et al. **J Lipid Res** 18(1):123–7, Jan 77

Current concepts of blood transfusion. Valeri CR. **J Oral Surg** 35(9):707–12, Sep 77

The effect of solvent flow and solvent concentration on gallstone dissolution in vitro. Motson RW, et al. **J Surg Res** 22(3):287–93, Mar 77

Autologous blood transfusion during cardiac surgery. A re–evaluation of three methods. Kaplan JA, et al. **J Thorac Cardiovasc Surg** 74(1):4–10, Jul 77

Results of the use of the TDMAC–heparin shung in the surgery of aneurysms of the descending thoracic aorta. Lawrence GH, et al. **J Thorac Cardiovasc Surg** 73(3):393–8, Mar 77

Combined decrease of postheparin–diamine oxidase (histaminase) and postheparin–lipoproteinlipase in inflammatory diseases. Gäng V, et al. **Klin Wochenschr** 55(4):169–73, 15 Feb 77

A study of the heparin–manganese chloride method for determination of plasma alpha–lipoprotein cholesterol concentration. Ishikawa TT, et al. **Lipids** 11(8):628–33, Aug 76

Is decreased activity of C–II activated lipoprotein lipase in type III hyperlipoproteinemia (broad–beta–disease) a cause or an effect of increased apolipoprotein E levels? Ganesan D, et al. **Metabolism** 25(11):1189–95, Nov 76

Heparin–like inhibitor of blood coagulation in normal newborn. Muller AD, et al. **Nature** 267(5612):616–7, 16 Jun 77

Plasma–mediated leukemia cell destruction: concentration and purification of the antileukemia factor. Kassel RL, et al. **Proc Soc Exp Biol Med** 155(2):230–3, Jun 77

Accelerated assay, preservation and purification (concanavalin A) of plasma kininogen. Freedman HJ, et al. **Res Commun Chem Pathol Pharmacol** 15(3):581–99, Nov 76

The effect of lysolecithin on the release of oleate from triolein by human post–heparin lipase. Heaf DJ, et al. **Scand J Clin Lab Invest** 36(7):693–5, Nov 76

Changes in pulmonary lipoprotein lipase activity in dogs following experimental bone fracture. A new concept on the pathogenesis of post–traumatic impairment of lung surfactant synthesis and accumulation of fat in lung vessels? Lehr L, et al. **Surgery** 81(5):521–6, May 77

Inhibition of human and animal platelet adhesiveness to glass bead columns by adenosine, dipyridamole, chlorpromazine and acetylsalicylic acid. Fujitani B, et al. **Thromb Haemostas** 36(2):401–10, 30 Nov 76

The inactivation of thrombin and plasmin by antithrombin III in the presence of sepharose–heparin. Hatton MW, et al. **Thromb Res** 10(5):645–60, May 77

Studies on human plasma antithrombin isolated on heparin gel. Medén–Britth G, et al. **Thromb Res** 9(4):369–78, Oct 76

[Shivering during recovery after cardiac surgery under extracorporeal circulation. Inconveniences and methods of prevention] Fogliani J, et al. **Ann Anesthesiol Fr** 17(12):1422–31, 1976 (Eng. Abstr.) **(Fre)**

[Comparison of values, obtained on heparinised serum or plasma, for common biochemical examinations] Henny J, et al. **Ann Biol Clin (Paris)** 34(5):335–40, 1976 (Eng. Abstr.) **(Fre)**

[Problems of prolonged anesthesia, demonstrated by the example of microsurgery] Landauer B. **Anaesthesiol Intensivmed Prax** 13(1):49–58, Feb 77 **(Ger)**

[Coagulation analytical studies in coli enterotoxemia in swine] Schimmel D, et al. **Arch Exp Veterinaermed** 31(1):15–27,

1977 (Eng. Abstr.) **(Ger)**

Pharmacokinetics of heparin after a single intravenous or subcutaneous injection] Mombelli G, et al. **Schweiz Med Wochenschr** 107(23):810–5, 11 Jun 77 (Eng. Abstr.) **(Ger)**

[Pathophysiological damage to the kidney due to temporary ischemia and measures to avoid these changes (author's transl)] Petritsch PH. **Urol Int** 31(6):428–43, 1976 (Eng. Abstr.) **(Ger)**

[Interaction of connective tissue structural glycoprotein with proteoglycans and glycosaminoglycans] Zakharov MM, et al. **Biull Eksp Biol Med** 82(12):1430–2, Dec 76 (Eng. Abstr.) **(Rus)**

[Mechanism of heparin inhibition of the proteolytic action of trypsin on casein] Erzinkian KL, et al. **Izv Akad Nauk SSSR [Biol]** (1):54–8, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Morphologic changes in the cells of sarcoma 45 and the capsule surrounding the tumor in rats under the influence of thrombolytin in a complex with aminazine] Kolomina SM, et al. **Tsitologiia** 19(5):501–7, May 77 (Eng. Abstr.) **(Rus)**

[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

[Heparin–aspirin complex, its physico–chemical and physiologic properties] Kudriashov BA, et al. **Vopr Med Khim** (1):44–51, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Postoperative platelet function in patients on small subcutaneous doses of heparin. Economopoulos TC, et al. **Acta Haematol (Basel)** 57(5):266–71, 1977

Prevention and treatment of thrombosis. Wessler S. **Adv Intern Med** 22:187–205, 1977 (66 ref.)

Part III. Dissolution of retained common duct stones. Way LW, et al. **Adv Surg** 10:99–119, 1976 (70 ref.)

Eisenmenger's syndrome in pregnancy: does heparin prophylaxis improve the maternal mortality rate? Pitts JA, et al. **Am Heart J** 93(3):321–6, Mar 77

Progress report: the activated coagulation time of whole blood (ACT). Hattersley PG. **Am J Clin Pathol** 66(5):899–904, Nov 76

Evaluation of a single–channel photo–optical clot–timing instrument. Weisbrot IM, et al. **Am J Clin Pathol** 68(3):361–7, Sep 77

On monitoring heparin therapy [letter]. Michelson PA. **Am J Hosp Pharm** 33(12):1242–5, Dec 76

Case report: low–dose intravenous heparin in the treatment of disseminated intravascular coagulation. Gurewich V, et al. **Am J Med Sci** 274(1):83–6, Jul–Aug 77

Therapeutic effects of heparin on Pseudomonas–induced corneal ulceration. Ellison A, et al. **Am J Ophthalmol** 82(4):619–27, Oct 76

Pitfalls in peripheral vascular surgery: Disseminated intravascular coagulation. Collins GJ Jr, et al. **Am J Surg** 134(3):375–80, Sep 77

Detection of anticoagulation therapy failures in patients with venous thrombosis. Pollak EW, et al. **Am J Surg** 134(2):214–6, Aug 77

Low–dose heparin for the prophylaxis of pulmonary embolism. Sherry S. **Am Rev Respir Dis** 114(4):661–6, Oct 76 (30 ref.)

Asymptomatic angiographic occlusion of the internal carotid artery: an indication for emergency endarterectomy. Cromwell LD, et al. **Am Surg** 43(6):382–5, Jun 77

Effect of low–dose heparin on the phagocytic and catabolic function in the reticulo–endothelial system in man during surgery. Lahnborg G, et al. **Ann Chir Gynaecol** 65(6):376–81, 1976

Necrotizing vasculitis [letter]. Moutsopoulos H, et al. **Ann Intern Med** 82(1):121–2, Jan 75

Intravascular coagulation in fresh–water submersion: report of three cases. Ports TA, et al. **Ann Intern Med** 87(1):60–1, Jul 77

Autologous blood in the treatment of intraoperative hemorrhage. Bonfils–Roberts EA, et al. **Ann Surg** 185(3):321–5, Mar 77

Polybrene neutralization as a means of monitoring heparin therapy for extracoporeal cirulation. Foster ED, et al. **Ann Thorac Surg** 23(6):514–9, Jun 77

Control of heparinization by activated clotting time during bypass with improved postoperative hemostasis. Verska JJ. **Ann Thorac Surg** 24(2):170–3, Aug 77

Thrombocythemia as a cause of erythermalgia. Redding KG. **Arch Dermatol** 113(4):468–71, Apr 77

The effect of continuous heparin infusion for one year on serum cholesterol and triglyceride concentrations in the dog. Blackshear PJ, et al. **Atherosclerosis** 26(1):23–7, Jan 77

Heparin–induced release of lipase activity in the human forearm: an immunological study. Ehnholm C, et al. **Atherosclerosis** 27(1):35–9, May 77

Plasma heparin concentrations during subcutaneous heparin therapy. Pitney WR, et al. **Aust NZ J Med** 6(5):454–8, Oct 76

The prevention of acute pulmonary embolism. Kakkar VV. **Br J Hosp Med** 18(1):32–40, Jul 77

Preventing thromboembolism after myocardial infarction [letter]. **Br Med J** 1(6064):837–8, 26 Mar 77

Preventing venous thromboembolism in elderly patients with hip fractures: studies of low–dose heparin, dipyridamole, aspirin, and flurbiprofen. Morris GK, et al. **Br Med J** 1(6060):535–7, 26 Feb 77

Heparin therapy–part I. Caprini JA, et al. **Cardiovasc Nurs** 13(3):13–6, May–Jun 77

Heparin therapy – Part II. Caprini JA, et al. **Cardiovasc Nurs** 13(4):17–20, Jul–Aug 77

Prevention of venous thromboembolism in surgical patients by low–dose heparin: prepared by the Council on Thrombosis of the American Heart Association. **Circulation** 55(2):423–426A, Feb 77

Heparin [letter] Pachter HL, et al. **Circulation** 56(2):327–8, Aug 77

Heparin pretreatment suppresses norepinephrine concentrations in dogs in endotoxic shock. Devereux DF, et al. **Clin Chem** 23(7):1346–7, Jul 77

Late recovery of renal function in a woman with the hemolytic uremic syndrome. Ponticelli C, et al. **Clin Nephrol** 8(2):367–70, Aug 77

The association between fasting hyperbilirubinaemia and serum non–esterified fatty acids in man. Cowan RE, et al. **Clin Sci Mol Med** 53(2):155–63, Aug 77

The prophylaxis and treatment of thromboembolism. Negus D. **Compr Ther** 2(12):15–23, Dec 76

Anticoagulant therapy: questions and answers. Sherry S. **Compr Ther** 2(12):58–65, Dec 76

Low–dose heparin preparations for prophylactic use. **Drug Ther Bull** 15(6):21–2, 18 Mar 77

Drugs in infusion fluids. Poole HH. **Drug Ther Bull** 15(3):216–9, 4 Feb 77

Heparin Therapy: regimens and management. Deykin D. **Drugs** 13(1):46–51, Jan 77 (17 ref.)

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)

Differences in heparin–released lipolytic activity in the superficial and deep veins of the human forearm. Heaf DJ, et al. **Eur J Clin Invest** 7(3):195–9, Jun 77

Current dilemmas in the clinical use of heparin. Wessler S. **Fed Proc** 36(1):66–9, Jan 77

Selecting and preparing patients for total hip replacement. Feinstein PA, et al. **Geriatrics** 32(7):91–6, Jul 77

Pretreatment with heparin in thrombolytic therapy with Urokinase. Heparin–urokinase therapy. Bizzi B, et al. **Haemostasis** 5(3):147–54, 1976

Microrheology of erythrocytes and platelets: physiological basis and consequences for the design and the operation of extracorporeal circulatory devices. pp. 163–76. Schmid–Schönbein H, et al. **In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.**

Low–dose heparin and myocardial infarction. pp. 305–21. Gertler MM, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Treatment of venous thrombosis with heparin. pp. 175–88. Hirsh J. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Efficacy of low–dose heparin in preventing postoperative fatal pulmonary embolism: results of an international multicentre trial. pp. 229–45. Kakkar VV, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Control of heparin therapy. pp. 201–9. Salzman EW, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Low–dose heparin, deep venous thrombosis and myocardial infarction. pp. 293–304. Warlow C. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h**

1975.

A comparative trial of subcutaneous sodium and calcium heparin as assessed by local haematoma formation and pain. pp. 361–6. Whitehead MI, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Heparin: present and future developments. pp. 367–71. Wessler S.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. WV 193 I604h 1975.

Membrane lung extracorporeal bypass prolonged respiratory support in infants. pp. 465–79. White JJ.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.

Heparin and prevention of postoperative thrombosis: a review of the literature and a suggested protocol. Borsand MA. **J Am Osteopath Assoc** 76(5):356–9, Jan 77

Prevention of fatal pulmonary thromboembolism by heparin prophylaxis after surgery for hip fractures. Sharnoff JG, et al. **J Bone Joint Surg [Am]** 58(7):913–8, Oct 76

An in vitro measurement of bleeding time. Blakely J, et al. **J Lab Clin Med** 89(6):1306–13, Jun 77

Quantitative venographic assessment of deep vein thrombosis in the evaluation of streptokinase and heparin therapy. Marder VJ, et al. **J Lab Clin Med** 89(5):1018–29, May 77

Safety of mini-dose heparin administration for neurosurgical patients. Barnett HG, et al. **J Neurosurg** 47(1):27–30, Jul 77

Thrombolysis of acute or subacute nonembolic arterial thrombosis. Reichle FA, et al. **J Surg Res** 22(3):202–8, Mar 77

Monitoring of intraoperative heparinization and blood loss following cardiopulmonary bypass surgery. Babka R, et al. **J Thorac Cardiovasc Surg** 73(5):780–2, May 77

Priapism as a sequela of chlorpromazine therapy. Merkin TE. **JACEP** 6(8):367–8, Aug 77

Arrest of growth of ovarian tumor by tranexamic acid. Astedt B, et al. **JAMA** 238(2):154–5, 11 Jul 77

Continuous vs intermittent heparin therapy [letter]. Hey EB Jr. **JAMA** 237(23):2469, 6 Jun 77

The activated partial thromboplastin time as a monitor of heparin therapy: a warning. Makary AZ, et al. **Johns Hopkins Med J** 140(6):311–5, Jun 77

Complement-independent nephrotoxic nephritis in the guinea pig. Couser WG, et al. **Kidney Int** 11(3):170–80, Mar 77

Effect of low-dose subcutaneous heparin on whole-blood viscosity [letter]. Girolami A, et al. **Lancet** 2(7991):909, 23 Oct 76

Prevention of postoperative thromboembolism by dextran 40, low doses of heparin, or xantinol nicotinate. Gruber UF, et al. **Lancet** 1(8005):207–10, 29 Jan 77

Prevention of fatal postoperative pulmonary embolism by low-dose heparin [letter]. Gruber UF, et al. **Lancet** I(8017):898, 23 Apr 77

Intrapulmonary heparin. A new procedure for anticoagulant therapy. Jaques LB, et al. **Lancet** 2(7996):1157–61, 27 Nov 76

Prevention of Fatal Postoperative pulmonary embolism by low doses of heparin. Reappraisal of results of international multicentre trial. Kakkar VV, et al. **Lancet** 1(8011):567–9, 12 Mar 77

Haemorrhagic complications of heparin therapy. Mant MJ, et al. **Lancet** 1(8022):1133–5, 28 May 77

Preservatives in heparin [letter]. Marsh BT. **Lancet** 1(8016):860, 16 Apr 77

Prevention and diagnosis of venous thrombosis in patients with hip fractures. A survey of current practice. Morris GK, et al. **Lancet** 2(7991):867–9, 23 Oct 76

A heparin analogue with specific action on antithrombin III. Thomas DP, et al. **Lancet** 1(8003):120–2, 15 Jan 77

Venous disease and its complications. Friedman SA. **Med Clin North Am** 60(6):1093–104, 1976

Administration and monitoring of heparin therapy. **Med Lett Drugs Ther** 19(7):31–2, 8 Apr 77

Low-dose heparin prophylaxis and pulmonary embolism. **Med Lett Drugs Ther** 19(17):71–2, 26 Aug 77

Trousseau's syndrome and other manifestations of chronic disseminated coagulopathy in patients with neoplasms: clinical, pathophysiologic, and therapeutic features. Sack GH Jr, et al. **Medicine (Baltimore)** 56(1):1–37, Jan 77

Prevention of venous thromboembolism by low-dose heparin. Wessler S. **Mod Concepts Cardiovasc Dis** 45(6):105–9, Jun 76

More on heparin lock [letter]. Holford NH, et al. **N Engl J Med** 296(22):1300–1, 2 Jun 77

Tricuspid atresia and pregnancy. Collins ML, et al. **Obstet Gynecol** 50(1 Suppl):72s–73s, Jul 77

Therapeutics. Guidelines for heparin administration in thromboembolic disease. Prupas HM. **Postgrad Med** 62(2):157–61, Aug 77

A comparative study of dextran-70, warfarin and low-dose heparin for the prophylaxis of thrombo-embolism following total hip replacement. Barber HM, et al. **Postgrad Med J** 53(617):130–3, Mar 77

[Effect of low-dose-heparin and its control (author's transl)] Zanoni G. **Praxis** 65(16):477–80, 20 Apr 76 (Eng. Abstr.)

Thrombo-embolism. Sherry S. **Proc Inst Med Chic** 31(4):81–7, 123, Oct-Dec 76

Disseminated intravascular coagulation in prostatic disease. Deutsch E. **Prog Clin Biol Res** 6:313–27, 1976

Assay and characterization of serum-stimulated lipolytic activity in homogenates of human adipose tissue. Lisch HJ, et al. **Res Exp Med (Berl)** 170(2):109–14, 29 Jun 77

The monitoring of heparin activity during extracorporeal circulation. Gomperts ED, et al. **S Afr Med J** 51(26):973–6, 25 Jun 77

Treatment of retained bile duct calculi with T-tube infusion of sodium cholate and heparin. Christiansen LA, et al. **Scand J Gastroenterol** 12(3):337–9, 1977

Thrombophlebitis and pulmonary embolism with surgical intervention in the third trimester. Kincheloe BW, et al. **South Med J** 69(12):1615–8, Dec 76

Influence of heparin and isoproterenol on ventilation and perfusion following pulmonary embolism. Jones RH, et al. **Surg Forum** 27(62):163–5, 1976

Control and complications of intermittent heparin therapy. Norman CS, et al. **Surg Gynecol Obstet** 145(3):338–42, Sep 77

The present status of acute deep venous thrombosis. Strandness DE Jr, et al. **Surg Gynecol Obstet** 145(3):433–45, Sep 77

Low dosage of heparin [editorial]. Tice DA. **Surg Gynecol Obstet** 143(6):970–1, Dec 76

The prevention of postoperative deep vein thrombosis and pulmonary embolism with low dose subcutaneous heparin and dextran. Verstraete M. **Surg Gynecol Obstet** 143(6):981–5, Dec 76

Rationale and usefulness of heparinization: an overview. Palmer RL. **Tex Med** 73(5):68–72, May 77

Four heparin preparations: anti-Xa potentiating effect of heparin after subcutaneous injection. Johnson EA, et al. **Thromb Haemostas** 35(3):586–91, 30 Jun 76

Low-dose heparin and deep-vein thrombosis after total hip replacement. Mannucci PM, et al. **Thromb Haemostas** 36(1):157–64, 31 Aug 76

'Low-dose heparin'--significance of subcutaneous injection. Jaques LB. **Thromb Res** 9(2):205–8, Aug 76

Plasma heparin levels after administration of calcium and sodium salts of heparin. Thomas DP, et al. **Thromb Res** 9(3):241–8, Sep 76

The prevention of deep vein thrombosis and pulmonary embolism by pharmacological methods. Browse NL. **Triangle** 16(1):29–32, 1977

Prevention of venous thromboembolism with low doses of heparin in urologic patients. Grgičević D, et al. **Urology** 9(3):260–2, Mar 77

Anticoagulation in urologic surgery. Halverstadt DB, et al. **Urology** 9(6):617–9, Jun 77

Heparin prophylaxis for deep vein thrombosis and pulmonary embolism. Olcott C 4th. **West J Med** 125(3):187–90, Sep 76

[The importance of the patients blood heparinisation during operative intervention on arteries (author's transl)] Brala Z. **Lijec Vjesn** 98(4):197–8, Apr 76 (Eng. Abstr.) **(Cro)**

[Effect of blood withdrawal on the accuracy of high blood PO2 value determination with special regard to the diluting effect of heparin (author's transl)] Redhammer R, et al. **Bratisl Lek Listy** 66(3):285–92, 1976 **(Cze)**

[Thrombosis prevention with low dose heparin (editorial)] Gormsen J, et al. **Ugeskr Laeger** 139(11):669–70, Mar 77 **(Dan)**

[Prophylaxis of postoperative deep vein thromboses by means of weak doses of subcutaneous heparin (author's transl)] Kraytman M, et al. **Acta Chir Belg** 75(5):519–29, Sep 76 (Eng. Abstr.) **(Fre)**

[Prevention of deep venous thrombosis after operation with low dose subcutaneous heparin (author's transl)] Ansay J, et al. **Ann Chir** 31(3):263–7, Mar 77 (Eng. Abstr.) **(Fre)**

[Acute arterial obliterations] Veroft R, et al. **Brux Med** 57(3):139–41, Mar 77 **(Fre)**

[Significance of preoperative subcutaneous heparin therapy in the prevention of thromboembolic complications of pelvic surgery] Guillemeteau R. **J Urol Nephrol (Paris)** 82(3):297–8, Mar 76 **(Fre)**

[Cardioversion of complete arrhythmia. Recent practical

considerations] Labbé B. **Nouv Presse Med** 6(3):190–4, 22 Jan 77 **(Fre)**

[Prevention of postoperative deep vein thrombosis and pulmonary embolism by low-dose heparin injection or by dextran] Verstraete M. **Sem Hop Ther** 52(7–8):389–94, Sep–Oct 76 **(Fre)**

[Parenteral feeding. Its place and its role in the modern therapeutic arsenal. Suggestion of protocol] Corman J. **Union Med Can** 105(10):1492–502, Oct 76 (71 ref.) (Eng. Abstr.) **(Fre)**

[The influence of blood transfusions on changes of the coagulation in polytraumatized patients (author's transl)] Sefrin P, et al. **Anaesthesist** 26(6):288–94, Jun 77 (Eng. Abstr.) **(Ger)**

[Penetration, permeation and resorption of heparin. In vivo studies on human skin] Zesch A, et al. **Arzneim Forsch** 26(7):1365–8, 1976 (Eng. Abstr.) **(Ger)**

[Therapy of thrombophlebitis] May R. **Dtsch Med Wochenschr** 102(19):732–4, 13 May 77 **(Ger)**

[Prevention of postoperative thromboembolic complications with subcutaneously administered small doses of heparin] Matt EM, et al. **Fortschr Med** 95(10):669–76, 10 Mar 77 **(Ger)**

[Mode of action and control of 'low dose heparin' (author's transl)] Bruhn HD, et al. **Med Klin** 72(9):349–52, 4 Mar 77 (Eng. Abstr.) **(Ger)**

[Treatment of glomerulonephritis with heparin (author's transl)] Quellhorst E, et al. **Med Klin** 72(22):981–7, 3 Jun 77 (Eng. Abstr.) **(Ger)**

[Theoretical basis and practical carrying out of an APTT control test for exact heparin monitoring (author's transl)] Vogel GE. **Med Klin** 72(6):207–11, 11 Feb 77 (Eng. Abstr.) **(Ger)**

[Theoretical basis and practical carrying out of an APTT control test for exact heparin monitoring (author's transl)] Vogel GE. **Med Klin** 72(6):207–11, 11 Feb 77 (Eng. Abstr.) **(Ger)**

[Subcutaneous heparins] Thies HA, et al. **Med Welt** 27(46):2240–1, 12 Nov 76 **(Ger)**

[Control of heparinization in the hemodialysis for acute kidney failure] Vogel GE, et al. **Med Welt** 28(19):899–902, 13 May 77 **(Ger)**

[Diagnostic therapeutic problems of defibrination syndrome in shock, sepsis, and neonatal hypoxia (author's transl)] Kirsch W, et al. **Monatsschr Kinderheilkd** 125(6):621–7, Jun 77 (32 ref.) (Eng. Abstr.) **(Ger)**

[Informative value of control methods for postoperative supervision of medication with aspirin and heparin (author's transl)] Schöndorf TH, et al. **Munch Med Wochenschr** 119(4):119–22, 28 Jan 77 (Eng. Abstr.) **(Ger)**

[Low-dose heparin in internal medicine. Report of a meeting in Luzern 1975 (author's transl)] Riedler GF. **Praxis** 66(19):573–9, 10 May 77 (Eng. Abstr.) **(Ger)**

Pharmacokinetics of heparin after a single intravenous or subcutaneous injection] Mombelli G, et al. **Schweiz Med Wochenschr** 107(23):810–5, 11 Jun 77 (Eng. Abstr.) **(Ger)**

[Mechanism of action of low doses of subcutaneous heparin (author's transl)] Duckert F. **Ther Umsch** 34(5):334–7, May 77 (Eng. Abstr.) **(Ger)**

[Most frequent errors in the laboratory control of oral anticoagulation (author's transl)] Duckert F. **Ther Umsch** 34(5):350–4, May 77 (Eng. Abstr.) **(Ger)**

[Metabolic prophylaxis of the fat embolism syndrome (author's transl)] Baltensweiler J. **Unfallheilkunde** 79(6):251–5, Jun 76 (Eng. Abstr.) **(Ger)**

[Need-adapted heparinization in hemodialysis] Vogel G, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1563–5, 1976 **(Ger)**

[Low-risk transfemoral selective coronary arteriography employing Sones catheters and total body heparinization (author's transl)] Slany J, et al. **Wien Klin Wochenschr** 89(3):77–80, 4 Feb 77 (Eng. Abstr.) **(Ger)**

[Hormonal contraception--thromboembolic disorders and surgical risk (author's transl)] Göretzlehner G, et al. **Zentralbl Chir** 101(18):1103–11, 1976 (Eng. Abstr.) **(Ger)**

[Prevention of venous embolism and thrombosis] Asbeck F. **ZFA (Stuttgart)** 53(15):846–54, 31 May 77 (37 ref.) **(Ger)**

[Use of transparent foil over heparin-containing ointments in phlebitides and injuries] Wollny HK. **ZFA (Stuttgart)** 53(15):866, 31 May 77 **(Ger)**

[Prevention of thrombosis: current status and prospects] Neri Serneri GG. **Cardiol Prat** 27(2):71–6, Jul–Dec 76 (46 ref.) **(Ita)**

[Oral anticoagulants, dextran or low-dose subcutaneous heparin: which drug should be used for prevention of deep venous thrombosis in patients undergoing surgery?] Verstraete M. **Clin Ter** 81(4):291–7, 31 May 77 (Eng. Abstr.) **(Ita)**

[Subcutaneous heparin in prevention of post-operative thrombosis] Godal HC, et al. **Tidsskr Nor Laegeforen** 96(25):1332–3, 10 Sep 76 **(Nor)**

[Heparin in glomerulonephritis] Szewczyk Z, et al. **Pol Tyg Lek** 32(35):1357–60, 29 Aug 77 (Eng. Abstr.) **(Pol)**

[Use of protamine sulfate, epsilon-aminocaproic acid and serotonin in experimental hypofibrinogenemia and fibrinolysis caused by stimulation of the anticoagulant system] Kalishevskaia TM, et al. **Biol Nauki** (10):69–75, 1976 **(Rus)**

[Effect of heparin on blood lipids under conditions of endo- and exogenous hyperlipemia] Lipovetskii BM, et al. **Kardiologiia** 16(3):123–7, Mar 76 (Eng. Abstr.) **(Rus)**

[Treatment of acute venous thrombosis using continuous infusion of a rheopolyglucin-heparin mixture] Shestakov VA, et al. **Kardiologiia** 16(11):87–92, Nov 76 (Eng. Abstr.) **(Rus)**

[Long-term intra-arterial therapy in complex treatment of anaerobic gangrene] Mart'ianov SG. **Khirurgiia (Mosk)** (6):72–4, Jun 76 **(Rus)**

[Intra-arterial infusions in the treatment of obliterating diseases of the arteries of the lower limbs] Parakhoniak VI, et al. **Khirurgiia (Mosk)** (11):104–8, Nov 76 (Eng. Abstr.) **(Rus)**

[Transfusion of fresh heparinized blood in acute blood loss] Zakashanskii IG, et al. **Khirurgiia (Mosk)** (1):93–5, Jan 77 (Eng. Abstr.) **(Rus)**

[Use of heparin in glomerulonephrite] Shul'tsev GP, et al. **Klin Med (Mosk)** 54(1):61–7, Jan 76 (Eng. Abstr.) **(Rus)**

[Electroaerosol therapy of burns of the respiratory tract] Borisov VG, et al. **Nov Med Priborostr** (2):101–4, 1974 **(Rus)**

[Pathogenesis of the hemorrhagic syndrome in hemmorrhagic vasculitis in children] Papaian AV, et al. **Pediatriia** (8):62–5, Aug 76 (Eng. Abstr.) **(Rus)**

[Effect of heparin on repair processes in irradiated organisms] Lukashin BP, et al. **Radiobiologiia** 16(6):852–6, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Changes in fibrinolysis system in patients with acute myocardial infarction in intracoronary administration of fibrinolysin with heparin] Andreenko GV, et al. **Ter Arkh** 49(4):8–13, 1977 (Eng. Abstr.) **(Rus)**

[Effects of heparin on blood circulation in fractures of long tubular bones] Gvozdev PI. **Vestn Khir** 118(4):104–8, Apr 77 (Eng. Abstr.) **(Rus)**

[Intracarotid therapy of septic thrombosis of the cavernous sinuses] Nenashev IE, et al. **Vestn Otorinolaringol** (5):68–71, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Therapeutic effect of heparin and its combination with sigetin in experimental utero-placental circulatory disorders] Vartanian MM. **Vopr Okhr Materin Det** 22(1):76–9, Jan 77 (Eng. Abstr.) **(Rus)**

[Effect of heparin electrophoresis on myocardial function in patients with arteriosclerosis] Shustval' NF. **Vrach Delo** (8):60–3, Aug 76 (Eng. Abstr.) **(Rus)**

[Continuous infusion of heparin in newborn infants with disseminated intravascular coagulation] Castañeda N, et al. **Bol Med Hosp Infant Mex** 34(2):527–35, Mar–Apr 77 (Eng. Abstr.) **(Spa)**

[Streptokinase in myocardial infarct] Lasierra Cirujeda L, et al. **Rev Clin Esp** 144(4):251–7, 28 Feb 77 (Eng. Abstr.) **(Spa)**

[Postheparin lipolytic effect in diffuse hepatic diseases] Romero R, et al. **Rev Esp Enferm Apar Dig** 50(4):439–44, 15 May 77 (Eng. Abstr.) **(Spa)**

[Paroxismal nocturnal hemoglobinuria (author's transl)] Berdichevsky E, et al. **Rev Med Chil** 104(12):917–20, Dec 76 (Eng. Abstr.) **(Spa)**

['Heparin rebound' and fibrinolytic activity in extracorporeal circulation (author's transl)] Sanz MA, et al. **Sangre (Barc)** 22(3):346–50, 1977 (Eng. Abstr.) **(Spa)**

[Treatment of thrombosis during pregnancy] Astedt B. **Lakartidningen** 74(18):1829–30, 4 May 77 **(Swe)**

[Acute heparin therapy--standard dose or dosage according to individual sensitivity?] Ygge J. **Lakartidningen** 74(10):921–4, 9 Mar 77 (Eng. Abstr.) **(Swe)**

[Injection of too large a dose of heparin] **Vardfacket** 1(9):17, 10 Jun 77 **(Swe)**

[Prevention of thrombosis and embolism in the obstetrics and gynecology clinic; review of the literature] Mikhaĭlenko ET, et al. **Pediatr Akush Ginekol** (4):33–6, Jul–Aug 76 **(Ukr)**

ADVERSE EFFECTS

Eisenmenger's syndrome in pregnancy: does heparin prophylaxis improve the maternal mortality rate? Pitts JA, et al. **Am Heart J** 93(3):321–6, Mar 77

Fulminant hepatic failure secondary to congestive heart failure. Kisloff B, et al. **Am J Dig Dis** 21(10):895–900, Oct

76
Metiamide therapy of bleeding peptic ulcer during chronic hemodialysis. Kruss DM, et al. **Am J Dig Dis** 22(7):662–3, Jul 77
Massive pulmonary hemorrhage: a rare complication of heparin therapy. Bone RS, et al. **Am J Med Sci** 272(2):197–9, Sep–Oct 76
Guide wire thrombogenicity measured by fibrinopeptide A radioimmunoassay. Casarella WJ, et al. **Am J Roentgenol** 128(3):363–6, Mar 77
Fatal drug reactions in patients admitted to surgical services. Armstrong B, et al. **Am J Surg** 132(5):643–5, Nov 76
Intramural hematoma of the gastrointestinal tract. Hughes CE 3d, et al. **Am J Surg** 133(3):276–9, Mar 77
Low-dose heparin for the prophylaxis of pulmonary embolism. Sherry S. **Am Rev Respir Dis** 114(4):661–6, Oct 76 (30 ref.)
Heparin and thrombocytopenia [letter]. Searcy TA, et al. **Ann Intern Med** 86(3):364, Mar 77
Hemarthrosis in an heparinized patient [letter]. Mayer JW. **Arthritis Rheum** 20(3):901–2, Apr 77
Pregnancy in patients after valve replacement. Oakley C, et al. **Br Heart J** 38(11):1140–8, Nov 76
Heparin and pulmonary embolism [letter]. Roden M. **Br Med J** 1(6074):1471, 4 Jun 77
Trial of heparin and cyclophosphamide (NSC-26271) in the treatment of lung cancer. Edlis HE, et al. **Cancer Treat Rep** 60(5):575–8, May 76
Heparin [letter] Pachter HL, et al. **Circulation** 56(2):327–8, Aug 77
Drugs used in the management of toxemia of pregnancy. Kelly JV. **Clin Obstet Gynecol** 20(2):395–410, Jun 77
Anticoagulant therapy: questions and answers. Sherry S. **Compr Ther** 2(12):58–65, Dec 76
Heparin Therapy: regimens and management. Deykin D. **Drugs** 13(1):46–51, Jan 77 (17 ref.)
Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)
Long-term self-administered heparin therapy for prevention and treatment of thromboembolic complications in pregnancy. pp. 247–60. Bonnar J.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
Prevention of deep vein thrombosis following total hip arthroplasties: a controlled trial of heparin versus aspirin and dipyridamole. pp. 337–48. Dechavanne M, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
Treatment of venous thrombosis with heparin. pp. 175–88. Hirsh J.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
Efficacy of low-dose heparin in preventing postoperative fatal pulmonary embolism: results of an international multicentre trial. pp. 229–45. Kakkar VV, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
Prevention of postoperative leg vein thrombosis: a comparison of low-dose heparin and electrical calf muscle stimulation. pp. 349–60. Pollock AV, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
A multi-unit controlled trial of heparin and dextran in the prevention of venous thromboembolic disease. pp. 325–35. Ruckley CV.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
Control of heparin therapy. pp. 201–9. Salzman EW, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
Heparin and pulmonary embolism. pp. 189–99. Thomas DP.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
A comparative trial of subcutaneous sodium and calcium heparin as assessed by local haematoma formation and pain. pp. 361–6. Whitehead MI, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
Safety of mini-dose heparin administration for neurosurgical patients. Barnett HG, et al. **J Neurosurg** 47(1):27–30, Jul 77
Thrombolysis of acute or subacute nonembolic arterial thrombosis. Reichle FA, et al. **J Surg Res** 22(3):202–8, Mar 77
Drug-related deaths among medical inpatients. Porter J, et al. **JAMA** 237(9):879–81, 28 Feb 77
Haemorrhagic complications of heparin therapy. Mant MJ, et al. **Lancet** 1(8022):1133–5, 28 May 77
Administration and monitoring of heparin therapy. **Med Lett Drugs Ther** 19(7):31–2, 8 Apr 77
Thrombocytopenia during heparin therapy [letter]. **N Engl J Med** 295(21):1200–1, 18 Nov 76
Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)
Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232–90, Apr 76 (207 ref.)
Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)
Massive intraperitoneal hemorrhage from ruptured corpus luteum during anticoagulant therapy. Krause JR, et al. **South Med J** 69(9):1220–1, Sep 76
Massive hemothorax complicating heparin anticoagulation for pulmonary embolus. Rostand RA, et al. **South Med J** 70(9):1128–30, Sep 77
Soft tissue necrosis and gangrene complicating treatment with the coumarin derivatives. Bahadir I, et al. **Surg Gynecol Obstet** 145(4):497–500, Oct 77
Control and complications of intermittent heparin therapy. Norman CS, et al. **Surg Gynecol Obstet** 145(3):338–42, Sep 77
Low dosage of heparin [editorial]. Tice DA. **Surg Gynecol Obstet** 143(6):970–1, Dec 76
The treatment of venous thrombosis: angiological aspects. Widmer LK. **Triangle** 16(1):47–61, 1977 (127 ref.)
Anticoagulation in urologic surgery. Halverstadt DB, et al. **Urology** 9(6):617–9, Jun 77
[Thrombosis prevention with low dose heparin (editorial)] Gormsen J, et al. **Ugeskr Laeger** 139(11):669–70, Mar 77 **(Dan)**
[Prophylaxis of postoperative deep vein thromboses by means of weak doses of subcutaneous heparin (author's transl)] Kraytman M, et al. **Acta Chir Belg** 75(5):519–29, Sep 76 (Eng. Abstr.) **(Fre)**
[Coagulation deficits and hemorrhagic consequences after cardiac surgery under ECC] Belleville J, et al **Ann Anesthesiol Fr** 18(1):51–61, 1977 (Eng. Abstr.) **(Fre)**
[Subdural hematoma and anticoagulant therapy] Bret P, et al. **Neurochirurgie** 22(6):603–20, 1976 (Eng. Abstr.) **(Fre)**
[Hemarthroses complicating anticoagulant therapy (heparin, oral anticoagulants)] Gerster JC, et al. **Schweiz Med Wochenschr** 107(33):1170–2, 20 Aug 77 (Eng. Abstr.) **(Fre)**
[Treatment of glomerulonephritis with heparin (author's transl)] Quellhorst E, et al. **Med Klin** 72(22):981–7, 3 Jun 77 (Eng. Abstr.) **(Ger)**
[Subcutaneous heparins] Thies HA, et al. **Med Welt** 27(46):2240–1, 12 Nov 76 **(Ger)**
[Side-effects of anticoagulants and their prevention (author's transl)] Koller F. **Praxis** 66(2):37–41, 11 Jan 77 (Eng. Abstr.) **(Ger)**
[Acute adrenal insufficiency complicating anticoagulant therapy] Dagan R, et al. **Harefuah** 91(5–6):126–7, Sep 76 (Eng. Abstr.) **(Heb)**
[Acute adrenal insufficiency complicating anticoagulant therapy] Dagan R, et al. **Harefuah** 91(5–6):126–7, Sep 76 (Eng. Abstr.) **(Heb)**
[Heparin-induced bleeding into the abdominal wall presenting as an acute abdomen] Ehrenfeld M, et al. **Harefuah** 92(6):259–61, 15 Mar 77 (Eng. Abstr.) **(Heb)**
[Current views on the diagnosis and therapy of disseminated intravascular coagulation (DIC)] Géza S, et al. **Orv Hetil** 118(10):551–8, 6 Mar 77 **(Hun)**
[Use of heparin in pregnancy] Stormorken H. **Tidsskr Nor Laegeforen** 97(1):30, 10 Jan 77 **(Nor)**
[Injection of too large a dose of heparin] **Vardfacket** 1(9):17, 10 Jun 77 **(Swe)**

ANALOGS & DERIVATIVES

Effect of heparin modification on its activity in enhancing the inhibition of thrombin by antithrombin III. Danishefsky I, et al. **Biochim Biophys Acta** 498(1):215–22, 23 Jun 77
Studies on the mechanism of heparin action by modification of its structure. Danishefsky I. **Fed Proc** 36(1):33–5, Jan 77
Studies of the influence of N-substitution in heparin on its anticoagulant activity. Nagasawa K, et al.

J Biochem (Tokyo) 81(4):989–93, Apr 77

[Effect of heparin and its derivatives on the blood sugar level and blood lipid fractions in diabetes mellitus] Markovski S. **Vutr Boles** 16(2):87–94, 1977 (Eng. Abstr.) **(Bul)**

[Analogous action of synanthrin and heparin on DNA-ase activity] Khursin NE, et al. **Vopr Med Khim** 22(5):596–9, Sep-Oct 76 **(Rus)**

ANALYSIS

Studies on cartilage formation. XVIII. Changes of the composition of glycosaminoglycans in the regenerating articular surface. Kittlick PD, et al. **Acta Biol Acad Sci Hung** 26(3–4):165–74, 1975

The mast cells of the inner ear. Sleeckx JP, et al. **Acta Otorhinolaryngol Belg** 30(5):443–9, 1976

Electrofocusing of heparin: Presence of 21 monomeric and dimeric molecular species in heparin preparations. Dietrich CP, et al. **An Acad Bras Cienc** 47(2):301–9, 1975

Cytochemical variation of mast cells in the skin of the rat. Lampe M, et al. **Arch Dermatol Res** 258(1):69–80, 25 Mar 77

Semimicro-titrimetric method for the determination of activity-concentration of heparin. El Kheir AA, et al. **Arzneim Forsch** 27(3):551–5, 1977

The heterogeneity of heparins. Lasker SE. **Fed Proc** 36(1):92–7, Jan 77

The uses of degradative enzymes as tools for identification and structural analysis of glycosaminoglycans. Linker A, et al. **Fed Proc** 36(1):43–6, Jan 77

Isotopic procedures in the structural analysis of heparin. Shively JE, et al. **Fed Proc** 36(1):28–31, Jan 77

The Alcian blue and combined Alcian blue--Safranin O staining of glycosaminoglycans studied in a model system and in mast cells. Tas J. **Histochem J** 9(2):205–30, Mar 77

Standards for heparin. pp. 49–57. Brozović M, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Chemical structure of heparin. pp. 3–20. Kiss J. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Properties of heparin--poly(methyl methacrylate) copolymers. II. Labarre D, et al. **J Biomed Mater Res** 11(2):283–95, Mar 77

Identification of acidic mucopolysaccharides by agarose gel electrophoresis. Dietrich CP, et al. **J Chromatogr** 130:299–304, 11 Jan 77

Quantitation of mast cell heparin by flow cytofluorometry. Enerbäck L, et al. **J Histochem Cytochem** 24(12):1231–8, Dec 76

Simple metachromatic assay methods for heparin and protamine. Johnson EA, et al. **J Pharm Pharmacol** 28(11):836–7, Nov 76

Laboratory modalities for assessing hemostasis during cardiopulmonary bypass. Fekete LF, et al. **Semin Thromb Hemostas** 3(2):83–9, Oct 76

Dilution with normal plasma in a heparin assay [letter] de Swart CA, et al. **Thromb Haemostas** 37(3):575–6, 30 Jun 77

[Changes in the extracellular matrix of the cranial cartilages of amphibians (author's transl)] Corsin J. **J Embryol Exp Morphol** 38:139–49, Apr 77 (Eng. Abstr.) **(Fre)**

[Determination of heparin in pharmaceutical preparations by means of APTT (Activated Partial Thromboplastin Time)] Molinari ML, et al. **Boll Chim Farm** 116(3):149–54, Mar 77 (Eng. Abstr.) **(Ita)**

[Chemical analysis of mucopolysaccharide fraction of Hemovasal] Montani A, et al. **Boll Chim Farm** 115(7):501–7, Jul 76 (Eng. Abstr.) **(Ita)**

[Significance of the inhibitors in disseminated intravascular coagulation syndrome and relationship among antithrombin III, platelet factor 4 and heparin (author's transl)] Sakuragawa N, et al. **Acta Haematol Jpn** 40(2):218–26, Apr 77 (Eng. Abstr.) **(Jpn)**

[Presence of an active fibrinogen--heparin complex in the total blood plasma fraction of plasma fibrinogen degradation products] Kudriashov BA, et al. **Biokhimiia** 42(3):451–9, Mar 77 (Eng. Abstr.) **(Rus)**

[Effect of intravenous infusions of thrombin and heterogenous blood on lymph coagulability] Kuznik BI, et al. **Fiziol Zh SSSR** 62(10):1460–5, Oct 76 (Eng. Abstr.) **(Rus)**

[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan-Feb 77 (61 ref.) **(Rus)**

BIOSYNTHESIS

Susceptibility to experimental atherosclerosis: relation to mast cells and heparin. Sue TK, et al. **Atherosclerosis** 25(1):137–9, Oct 76

Structure and biosynthesis of heparin-like polysaccharides. Lindahl U, et al. **Fed Proc** 36(1):19–24, Jan 77

The biosynthesis of glycosaminoglycans in normal rat liver and in response to experimental hepatic injury. Gressner AM, et al. **Hoppe Seylers Z Physiol Chem** 358(7):825–33, Jul 77

Native heparin from rat peritoneal mast cells. Yurt RW, et al. **J Biol Chem** 252(2):518–21, 25 Jan 77

Direct effects of trypan blue on cardiac extracellular macromolecule synthesis. Satow Y, et al. **Lab Invest** 36(1):100–5, Jan 77

BLOOD

Evaluation of a single-channel photo-optical clot-timing instrument. Weisbrot IM, et al. **Am J Clin Pathol** 68(3):361–7, Sep 77

Plasma heparin activity and antagonism during cardiopulmonary bypass with hypothermia. Cohen JA, et al. **Anesth Analg (Cleve)** 56(4):564–70, Jul-Aug 77

Polybrene neutralization as a means of monitoring heparin therapy for extracoporeal cirulation. Foster ED, et al. **Ann Thorac Surg** 23(6):514–9, Jun 77

Plasma heparin concentrations during subcutaneous heparin therapy. Pitney WR, et al. **Aust NZ J Med** 6(5):454–8, Oct 76

The measurement of T3 in plasma specimens. Fyffe JA, et al. **Clin Chim Acta** 72(2):261–3, 15 Oct 76

The electrophoretic mobility of lipoprotein X in postheparin plasma. Ritland S, et al. **Clin Chim Acta** 75(1):129–35, 15 Feb 77

Whole-blood thrombin time: a bedside method for determination of heparin activity. Wilhelmsson S, et al. **Clin Nephrol** 6(6):523–5, Dec 76

The effect of macromolecular polyanions on the functional properties of human hemoglobin. Amiconi G, et al. **Eur J Biochem** 76(2):339–43, 15 Jun 77

The concept of macromolecular heparin and its physiological significance. Horner AA. **Fed Proc** 36(1):35–9, Jan 77

Scanning electron microscopical observation on microporous membrane oxygenators. pp. 203–11. Lautier A, et al. **In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.**

Long-term self-administered heparin therapy for prevention and treatment of thromboembolic complications in pregnancy. pp. 247–60. Bonnar J. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Control of heparin therapy by thromboelastography. pp. 211–8. Raby C. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Increased heparin clearance in experimental pulmonary embolism. Chiu HM, et al. **J Lab Clin Med** 90(1):204–15, Jul 77

Removal of heparin and protamine from plasma. Thompson AR, et al. **J Lab Clin Med** 88(6):922–9, Dec 76

The activated partial thromboplastin time as a monitor of heparin therapy: a warning. Makary AZ, et al. **Johns Hopkins Med J** 140(6):311–5, Jun 77

beta-thromboglobulin and heparin-neutralising activity test in clinical conditions [letter] **Lancet** 1(8022):1153–4, 28 May 77

Intrapulmonary heparin. A new procedure for anticoagulant therapy. Jaques LB, et al. **Lancet** 2(7996):1157–61, 27 Nov 76

The monitoring of heparin activity during extracorporeal circulation. Gomperts ED, et al. **S Afr Med J** 51(26):973–6, 25 Jun 77

Monitoring of intraoperative heparinization in vascular surgery. Manny J, et al. **Surgery** 80(5):641–3, Nov 76

Absorption of heparin by kaolin [letter]. Barrowcliffe TW, et al. **Thromb Haemostas** 36(2):483–4, 30 Nov 76

Four heparin preparations: anti-Xa potentiating effect of heparin after subcutaneous injection. Johnson EA, et al. **Thromb Haemostas** 35(3):586–91, 30 Jun 76

Chemorheological studies of the effect of heparin on the course of coagulation. Overholser KA, et al. **Thromb Haemostas** 35(2):447–59, 30 Apr 76

On the value of the activated partial thrombo-plastin time (aptt) in monitoring heparin therapy. Teien AN, et al.

Thromb Haemostas 35(3):592-7, 30 Jun 76

3H-heparin and antithrombin III in the isolated liver perfusion. Losito R, et al. **Thromb Res** 10(1):83-93, Jan 77

Effect of calcium phosphate on thrombin and on its sensitivity to heparin and antithrombin-III. Machovich R. **Thromb Res** 9(2):123-31, Aug 76

Evaluation of an amidolytic heparin assay method: increased sensitivity by adding purified antithrombin III. Teien AN, et al. **Thromb Res** 10(3):399-410, Mar 77

Plasma heparin levels after administration of calcium and sodium salts of heparin. Thomas DP, et al. **Thromb Res** 9(3):241-8, Sep 76

Monitoring heparin therapy. Stevens DJ, et al. **Wis Med J** 76(3):33-6, Mar 77

[Effect of heparin and its derivatives on the blood sugar level and blood lipid fractions in diabetes mellitus] Markovski S. **Vutr Boles** 16(2):87-94, 1977 (Eng. Abstr.) **(Bul)**

[Effect of blood withdrawal on the accuracy of high blood PO2 value determination with special regard to the diluting effect of heparin (author's transl)] Redhammer R, et al. **Bratisl Lek Listy** 66(3):285-92, 1976 **(Cze)**

[Variations in hemostasis in the infant under deep hypothermia] Doutremepuich C, et al. **Ann Anesthesiol Fr** 18(1):62-7, 1977 (Eng. Abstr.) **(Fre)**

[Letter: Prevention of postoperative thromboembolism by calcium heparinate: standard or personalized treatment? (letter)] Forestier F, et al. **Nouv Presse Med** 5(34):2250-1, 16 Oct 76 **(Fre)**

[Influence of heparin on the radioimmunologic assay of insulin] Schaller K, et al. **Dtsch Tieraerztl Wochenschr** 83(10):436-8, 5 Oct 76 (Eng. Abstr.) **(Ger)**

[New methods of coagulation analysis using chromogenic substrates] Witt I. **J Clin Chem Clin Biochem** 15(4):239-44, Apr 77 (Eng. Abstr.) **(Ger)**

[Intensive substitution therapy of hemophilics] Weissbach G, et al. **Kinderaerztl Prax** 44(8):360-7, Aug 76 **(Ger)**

Pharmacokinetics of heparin after a single intravenous or subcutaneous injection] Mombelli G, et al. **Schweiz Med Wochenschr** 107(23):810-5, 11 Jun 77 (Eng. Abstr.) **(Ger)**

[Behavior of heparinocytes and of fibrinolytic degradation products after discontinuation of hormonal contraceptives] Frick G, et al. **Zentralbl Gynaekol** 98(15):908-13, 1976 (Eng. Abstr.) **(Ger)**

[Effect of unsaturated fatty acids, vitamin A and heparin on the initial stages of thrombin-131I clearance and the functional state of the anticoagulant system of animals following its depression by an atherogenic diet] Bazaz'ian GG, et al. **Biol Nauki** (4):69-74, 1977 **(Rus)**

[Intravascular disorders of microcirculation and microthrombus formation in patients with chronic ischemic disease of the heart] Furkalo NK, et al. **Kardiologiia** 16(12):32-40, Dec 76 (Eng. Abstr.) **(Rus)**

[Non-enzymatic fibrinolytic activity in patients with hypertension under conditions of emotional tension] Sokolov EI, et al. **Kardiologiia** 16(11):83-7, Nov 76 **(Rus)**

[Correlation between the indicators of blood coagulation and lipid metabolism in patients with stenocardia during the 24-hour period] Zaslavskaia RM, et al. **Kardiologiia** 17(6):111-5, Jun 77 (Eng. Abstr.) **(Rus)**

[Clinical significance of hemopepsinogen, plasma tolerance to heparin and differentiation of lymphocytes in children with pneumonia] Krasnoperova KE, et al. **Pediatriia** (10):9-14, 1976 **(Rus)**

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45-51, Apr 76 (107 ref.) **(Rus)**

[Occupational bronchial asthma and pathochemical methods of its evaluation] Orlova AA, et al. **Sov Med** (4):91-5, Apr 76 (Eng. Abstr.) **(Rus)**

[Degranulation and intracellular heparin of basophilic granulocytes in patients with stomach cancer] Sergeev SI, et al. **Sov Med** (2):29-33, Feb 77 (Eng. Abstr.) **(Rus)**

[Effect od radon baths on the mast cell-blood heparin system in immunized animals] Meleshina OB, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** (4):41-5, Jul-Aug 76 **(Rus)**

[Hemocoagulation values in patients with rheumatism estimated during test with local venous stasis] Moroz VN. **Vrach Delo** (4):75-80, Apr 77 (Eng. Abstr.) **(Rus)**

[Content of some biogenically active substances in blood of patients with acute pneumonias] Rudneva AV, et al. **Vrach Delo** (10):29-32, Oct 76 **(Rus)**

CHEMICAL SYNTHESIS

Macromolecular drugs. Ferruti P. **Farmaco [Sci]** 32(3):220-36, Mar 77

CLASSIFICATION

Electrofocusing of heparin: Presence of 21 monomeric and dimeric molecular species in heparin preparations. Dietrich CP, et al. **An Acad Bras Cienc** 47(2):301-9, 1975

DEFICIENCY

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45-51, Apr 76 (107 ref.) **(Rus)**

DIAGNOSTIC USE

Very early recognition of coronary heart disease [letter] O'Brian JR. **Br Med J** 1(6075):1534, 11 Jun 77

Cholesterol determination in high-density lipoproteins separated by three different methods. Lopes-Virella MF, et al. **Clin Chem** 23(5):882-4, May 77

Quantitation of high-density lipoprotein cholesterol in serum by a heparin-Mn2+ precipitation method [letter]. Srinivasan SR, et al. **Clin Chem** 23(5):912-3, May 77

Coagulability of arterial and venous blood in healthy subjects, patients with coronary atherosclerosis, and patients with rheumatic cardiopathies. Saveleva TV, et al. **Cor Vasa** 18(4):249-57, 1876

The contribution of hepatic triglyceride lipase to plasma post-heparin lipolytic activity in the rat. Elkeles RS, et al. **Horm Metab Res** 9(1):63-5, Jan 77

Characteristics of plasma lipids and lipoprotein in patients displaying abnormal glucose tolerance tests. pp. 154-63. Ageta M, et al.
In: Baba S, et al., ed. Diabetes mellitus in Asia. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.390 1975.

Relationship between plasma free fatty acid levels and human placental lactogen secretion in late pregnancy. Gaspard UJ, et al. **J Clin Endocrinol Metab** 45(2):246-54, Aug 77

The effect of conjugated estrogens on coagulability in menopausal women. Stangel JJ, et al. **Obstet Gynecol** 49(3):314-6, Mar 77

[Heparin tolerance in relation to age and the presence of amyloidosis] Fabris C, et al. **Arch Sci Med (Torino)** 133(4):387-98, Oct-Dec 76 (Eng. Abstr.) **(Ita)**

[The problem of blood coagulation in patients with congenital heart diseases submitted to open heart surgery. Neutralization of heparin following extracorporeal circulation] Ricucci G, et al. **Minerva Cardioangiol** 25(2):173-84, Feb 77 (Eng. Abstr.) **(Ita)**

HISTORY

Retrospectroscope: the clouded crystal ball. Comroe JH Jr. **Am Rev Respir Dis** 114(4):795-802, Oct 76

IMMUNOLOGY

Mast cell-derived mediators: structural and functional diversity and regulation of expression. pp. 293-320. Austen KF, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (104 ref.)

Thrombocytopenia during heparin therapy [letter]. **N Engl J Med** 295(21):1200-1, 18 Nov 76

[Antiheparin immunoglobulin in malignant lymphoma with hypertriglyceridemia, in the hamster] Beaumont JL, et al. **C R Acad Sci [D] (Paris)** 283(11 D):1369-72, 8 NOV 76 (Eng. Abstr.) **(Fre)**

[Theoretical and experimental basis for heparin treatment of glomerulonephritis] Szewczyk Z, et al. **Pol Tyg Lek** 32(29):1129-31, 18 Jul 77 (24 ref.) **(Pol)**

ISOLATION & PURIFICATION

Release of O-sulfate groups under mild acid hydrolysis conditions used for estimation of N-sulfate content. Bhavanandan VP, et al. **Biochim Biophys Acta** 498(1):250-4, 23 Jun 77

Effects of acidity, cations and alcoholic fractionation on absorption of heparin from gastrointestinal tract. Sue TK, et al. **Can J Physiol Pharmacol** 54(4):613-7, Aug 76

Interaction of heparin with proteins. Demonstration of different binding sites for antithrombin and lipoprotein lipase. Bengtsson G, et al. **FEBS Lett** 79(1):59-63, 1 Jul 77

Anticoagulant activity of heparin: isolation of antithrombin-binding sites. Hopwood J, et al. **FEBS Lett** 69(1):51-4, 15 Oct 76

High and low molecular weight forms of heparin. Horner AA.

In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Chemical structure of heparin. pp. 3–20. Kiss J.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Native heparin from rat peritoneal mast cells. Yurt RW, et al. **J Biol Chem** 252(2):518–21, 25 Jan 77

Anticoagulant properties of heparin fractionated by affinity chromatography on matrix-bound antithrombin iii and by gel filtration. Andersson LO, et al. **Thromb Res** 9(6):575–83, Dec 76

METABOLISM

The role of histamine in wound healing I. The effect of high doses of histamine on collagen and glycosoaminoglycan content in wounds. Dąbrowski R, et al. **Agents Actions** 7(2):219–24, Jul 77

Homogeneous (monoclonal) immunoglobulins in cancer [editorial] Solomon A. **Am J Med** 63(2):169–76, Aug 77 (77 ref.)

Fermentation of mucin and plant polysaccharides by strains of Bacteroides from the human colon. Salyers AA, et al. **Appl Environ Microbiol** 33(2):319–22, Feb 77

Remarks on the interaction of thrombim and heparin. Arányi P, et al. **Arch Biochem Biophys** 181(2):678–9, Jun 77

Binding of heparin and heparan sulphate to rat liver cells. Kjellén L, et al. **Biochem Biophys Res Commun** 74(1):126–33, 10 Jan 77

The heparin–thrombin complex in the mechanism of thrombin inactivation by heparin. Smith GF.
Biochem Biophys Res Commun 77(1):111–7, 11 Jul 77

Physicochemical characteristics of the glycosaminoglycan–lysosomal enzyme interaction in vitro. A model of control of leucocytic lysosomal activity. Avila JL, et al. **Biochem J** 160(2):129–36, 15 Nov 76

Pyridoxine kinase activity in human erythrocytes and leukocytes: assay and properties. Solomon LR, et al. **Biochem Med** 16(3):223–33, Dec 76

Binding of heparin to human antithrombin III as studied by measurements of tryptophan fluorescence. Einarsson R, et al. **Biochim Biophys Acta** 490(1):104–11, 25 Jan 77

The aggregation of basic polypeptide residues bound to heparin. Stone AL, et al. **Biochim Biophys Acta** 497(1):298–306, 29 Mar 77

Effects of acidity, cations and alcoholic fractionation on absorption of heparin from gastrointestinal tract. Sue TK, et al. **Can J Physiol Pharmacol** 54(4):613–7, Aug 76

Urticaria and fibrinolysis. Ryan TJ. **Clin Exp Dermatol** 2(2):177–82, Jun 77 (26 ref.)

The role of sulphation of glycosaminoglycans in their structural and functional characteristics. Németh-Csoka M, et al. **Connect Tissue Res** 5(1):1–6, 1977

Metabolism of antithrombin III (heparin cofactor) in man: effects of venous thrombosis and of heparin administration. Collen D, et al. **Eur J Clin Invest** 7(1):27–35, Feb 77

Anticoagulant activity of heparin: isolation of antithrombin-binding sites. Hopwood J, et al. **FEBS Lett** 69(1):51–4, 15 Oct 76

Polysaccharide–polypeptide systems as models for heparin interactions. Blackwell J, et al. **Fed Proc** 36(1):98–101, Jan 77

Interaction of heparin with thrombin and antithrombin III. Feinman RD, et al. **Fed Proc** 36(1):51–5, Jan 77

The concept of macromolecular heparin and its physiological significance. Horner AA. **Fed Proc** 36(1):35–9, Jan 77

The uses of degradative enzymes as tools for identification and structural analysis of glycosaminoglycans. Linker A, et al. **Fed Proc** 36(1):43–6, Jan 77

Isotopic procedures in the structural analysis of heparin. Shively JE, et al. **Fed Proc** 36(1):28–31, Jan 77

Relations between fibrinogen degradation products and heparinocytes. Frick G, et al. **Folia Haematol (Leipz)** 103(2):271–6, 1976

Platelets, foreign surfaces, and heparin. pp. 183–95. Lindsay RM.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Treatment of venous thrombosis with heparin. pp. 175–88. Hirsh J.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

High and low molecular weight forms of heparin. Horner AA.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Lipoprotein lipase and heparin. pp. 145–57. Olivecrona T, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

The function of heparin. pp. 101–19. Rosenberg RD.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Studies of the influence of N-substitution in heparin on its anticoagulant activity. Nagasawa K, et al.
J Biochem (Tokyo) 81(4):989–93, Apr 77

The interaction of heparin with an apoprotein of human very low density lipoprotein. Shelburne FA, et al.
J Clin Invest 60(4):944–50, Oct 77

Interactions among heparin, cold-insoluble globulin, and fibrinogen in formation of the heparin-precipitable fraction of plasma. Stathakis NE, et al. **J Clin Invest** 60(4):855–65, Oct 77

Complement activation by interaction of polyanions and polycations. III. Complement activation by interaction of multiple polyanious and polycations is the presence of C-reactive protein. Claus DR, et al. **J Immunol** 118(1):83–7, Jan 77

Immunologic release of heparin from purified rat peritoneal mast cells. Yurt RW, et al. **J Immunol** 118(4):1201–7, Apr 77

Crossed immunoelectrophoresis as applied to studies on complex formation. The binding of heparin to antithrombin III and the antithrombin III--thrombin complex. Andersson LO, et al. **J Immunol Methods** 14(3–4):271–81, 1977

The glomerular localization and transport of aggregated protamine–heparin complexes. Sharon Z, et al.
Lab Invest 37(1):43–52, Jul 77

The mast cell/heparin paradox. Jaques LB, et al. **Lancet** 1(8008):411–3, 19 Feb 77

Action of heparin on lecithin:cholesterol acyltransferase activity in normal subjects. Frisón JC, et al.
Rev Esp Fisiol 32(4):289–91, Dec 76

Expression of the cystic fibrosis genotype in cultured somatic cells. Danes BS. **Tex Rep Biol Med** 34(1):135–50, 1976

A heparin-degrading endoglycosidase from rat spleen. Höök M, et al. **Thromb Res** 10(6):857–61, Jun 77

'Low-dose heparin'--significance of subcutaneous injection. Jaques LB. **Thromb Res** 9(2):205–8, Aug 76

3H-heparin and antithrombin III in the isolated liver perfusion. Losito R, et al. **Thromb Res** 10(1):83–93, Jan 77

The interaction of platelets with a tritium-labelled heparin. Shanberge JN, et al. **Thromb Res** 9(6):595–609, Dec 76

Haemostasis disorders in open heart surgery with extracorporeal circulation. Importance of the platelet function and the heparin neutralization. Moriau M, et al. **Vox Sang** 32(1):41–51, 1977

[Penetration, permeation and resorption of heparin. In vivo studies on human skin] Zesch A, et al. **Arzneim Forsch** 26(7):1365–8, 1976 (Eng. Abstr.) **(Ger)**

[Behavior of heparinocytes and fibrinolytic degradation products under sulfobromophthalein or indocyanine green in patients with liver diseases or persons with healthy liver] Frick G, et al. **Z Gesamte Inn Med** 31(15):579–83, 1 Aug 76 (Eng. Abstr.) **(Ger)**

[Exogenous heparin and antithrombin activity (author's transl)] Nakagawa M, et al. **Acta Haematol Jpn** 40(2):207–12, Apr 77 (Eng. Abstr.) **(Jpn)**

[Functional status of the anticoagulant system in splenectomized animals at various periods after surgery] Liapina LA, et al. **Biol Nauki** (7):87–90, 1976 **(Rus)**

[Effect of heating and cooling the hypothalamus on the blood clotting system] Asmakova TG, et al. **Fiziol Zh SSSR** 63(7):997–1002, Jul 77 (Eng. Abstr.) **(Rus)**

[Thrombin clearance and the activity of complex heparin compounds during recovery of the function of the anticoagulation system in animals maintained on an atherogenic diet] Kudriashov BA, et al. **Kardiologiia** 16(10):138–9, Oct 76 **(Rus)**

[Importance of heparin in thrombin–131I clearance and in the complex formation processes in animals under experimental restoration of the function of the anticoagulating system] Kudriashov BA, et al. **Kardiologiia** 17(2):120–3, 1977 (Eng. Abstr.) **(Rus)**

[Morphologic and radioautographic study of reactivation of peritoneal exudate cell nuclei in heterokarya] Neverova ME, et al. **Ontogenez** 7(5):475–83, 1976 (Eng. Abstr.) **(Rus)**

[Biochemical comparisons in tuberculomas and infiltrative pulmonary tuberculosis] Gur'eva IG. **Probl Tuberk** 3:31–5, 1976 (Eng. Abstr.) **(Rus)**

[Current findings concerning heparin and its biochemical

properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) (Rus)

[Delay in thrombin clearance as a diagnostic test of prethrombosis in depression of the anticoagulation system caused by atherogenic diet] Kudriashov BA, et al. **Vopr Med Khim** 22(6):736–40, Nov–Dec 76 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Pulmonary metastasis formation after trauma. Ivarsson L. **Acta Chir Scand [Suppl]** (463):1–46, 1976

Plasma post heparin lipolytic activity (P.H.L.A.) before and during total parenteral nutrition (T.P.N.) in children. Ricour C, et al. **Acta Chir Scand [Suppl]** (466):114–5, 1976

The effect of ionophore on platelet aggregation in von Willebrand's disease and in congenital afibrinogenemia. A comparison with ristocetin. Girolami A, et al. **Acta Haematol (Basel)** 56(3):151–9, 1976

A study of folic-acid-binding protein in normal subjects. Gorst DW, et al. **Acta Haematol (Basel)** 57(3):156–61, 1977

Studies on plasma lipid and phospholipid composition in pernicious anemia before and after specific treatment. Wallentin L, et al. **Acta Med Scand** 201(3):161–5, 1977

Protein binding to monosodium urate crystals and its effect on platelet degranulation. Influence of urate on connective tissue metabolism. Stuhlsatz HW, et al. **Adv Exp Med Biol** 76B:195–200, 1977

Aspects of prostaglandin action in asthma. Svanborg N, et al. **Adv Prostaglandin Thromboxane Res** 1:439–47, 1976

Blocking of olive oil induced plasma protein escape from the intestinal circulation by histamine antagonists and by a diamine oxidase releasing agent. Wollin A, et al. **Agents Actions** 6(5):589–92, Sep 76

Effect of heparin-induced free fatty acid elevation on myocardial oxygen consumption in man. Rogers WJ, et al. **Am J Cardiol** 40(3):365–72, Sep 77

Factors affecting the exchange of tocopherol between red blood cells and plasma. Bieri JG, et al. **Am J Clin Nutr** 30(5):686–90, May 77

The 'post-heparin pattern' in routine serum protein immunoelectrophoresis. Muckle TJ. **Am J Clin Pathol** 67(5):450–4, May 77

Variation among commercial activated partial thromboplastin time reagents in response to heparin. Shapiro GA, et al. **Am J Clin Pathol** 67(5):477–80, May 77

Analysis and interpretation of the impedance blood coagulation curve. Ur A. **Am J Clin Pathol** 67(5):470–6, May 77

Effect of low-dose heparin on the phagocytic and catabolic function in the reticulo-endothelial system in man during surgery. Lahnborg G, et al. **Ann Chir Gynaecol** 65(6):376–81, 1976

Some problems in the correction for intrinsic light-scattering of samples in specific protein analysis by automated immunoprecipitation. Shenkin A, et al. **Ann Clin Biochem** 14(3):163–70, May 77

Remarks on the interaction of thrombim and heparin. Arányi P, et al. **Arch Biochem Biophys** 181(2):678–9, Jun 77

Local treatment of thrombophlebitis with essaven gel. Wójcicki J, et al. **Arch Immunol Ther Exp (Warsz)** 24(6):807–10, 1976

Conditions governing the release of collagenase and procollagenase by bone explants in culture: effects of heparin. Lenaers-Claeys G, et al. **Arch Int Physiol Biochim** 84(3):634–6, 1976

Semimicro-titrimetric method for the determination of activity-concentration of heparin. El Kheir AA, et al. **Arzneim Forsch** 27(3):551–5, 1977

The effect of continuous heparin infusion for one year on serum cholesterol and triglyceride concentrations in the dog. Blackshear PJ, et al. **Atherosclerosis** 26(1):23–7, Jan 77

The effect of treatment with clofibrate on hepatic triglyceride and lipoprotein lipase activities of post heparin plasma in male patients with hyperlipoproteinemia. Boberg J, et al. **Atherosclerosis** 27(4):499–503, Aug 77

Control of the interaction of cholesterol ester-rich lipoproteins with arterial receptors. Day CE. **Atherosclerosis** 25(2–3):199–204, Nov–Dec 76

Heparin-induced release of lipase activity in the human forearm: an immunological study. Ehnholm C, et al. **Atherosclerosis** 27(1):35–9, May 77

Studies with the autotransplanted ovine pancreas: glucagon and insulin secretion. Arcus AC, et al. **Aust J Biol Sci** 29(3):223–36, Jul 76

The inhibition of elongation factor 1 activity by heparin. Slobin LI. **Biochem Biophys Res Commun** 73(3):539–47, 6 Dec 76

High affinity binding of thrombin to platelets. Inhibition by tetranitromethane and heparin. Workman EF Jr, et al. **Biochem Biophys Res Commun** 75(4):925–32, 25 Apr 77

Characterization of two triacylglycerol lipase activities in pig post-heparin plasma. Ehnholm C, et al. **Biochem J** 163(2):347–55, 1 May 77

Effects of anti-microtubular agents and cycloheximide on the metabolism of chylomicron cholesteryl esters by hepatocyte suspensions. Nilsson A. **Biochem J** 162(2):367–77, 15 Feb 77

Effect of heparin and fatty acids on the binding of quinidine and warfarin in plasma. Nilsen OG, et al. **Biochem Pharmacol** 26(3):229–35, 1 Feb 77

Effect of heparin modification on its activity in enhancing the inhibition of thrombin by antithrombin III. Danishefsky I, et al. **Biochim Biophys Acta** 498(1):215–22, 23 Jun 77

Lipoprotein lipase in cultured heart cells: characteristics and cellular location. Henson LC, et al. **Biochim Biophys Acta** 487(1):212–21, 26 Apr 77

Purification and characterization of rat liver microsomal monoacylglycerol lipase in comparison to the other esterases. Ikeda Y, et al. **Biochim Biophys Acta** 488(1):128–39, 20 Jul 77

Effects of polyamines and polyanions on a cyclic nucleotide-independent and a cyclic AMP-dependent protein kinase. Mäenpää PH. **Biochim Biophys Acta** 498(1):294–305, 21 Jul 77

The role of an alpha2-macroglobulin of rat serum in the phagocytosis of colloidal particles. Molnar J, et al. **Biochim Biophys Acta** 493(1):37–54, 22 Jul 77

Polymer structure and blood compatibility evaluation – application of an acrylonitrile copolymer. Courtney JM, et al. **Biomater Med Devices Artif Organs** 4(3–4):263–75, 1976

Relationship between the anticoagulant and antithrombotic effects of heparin in experimental venous thrombosis. Chiu HM, et al. **Blood** 49(2):171–84, Feb 77

Effect of heparin on complement activation and lysis of paroxysmal nocturnal hemoglobinuria (PNH) red cells. Logue GL. **Blood** 50(2):239–47, Aug 77

Prothrombin complex concentrates: potentially thrombogenic materials and clues to the mechanism of thrombosis in vivo. White GC 2d, et al. **Blood** 49(2):159–70, Feb 77

Impairment by heparin of primary haemostasis and platelet [14C]5-hydroxytryptamine release. Heiden D, et al. **Br J Haematol** 36(3):427–36, Jul 77

Thrombin activation of factor VIII: the effect of inhibitors. Rick ME, et al. **Br J Haematol** 36(4):585–97, Aug 77

Coagulation changes in sensitized canine renal allografts. Brennan TG, et al. **Br J Surg** 64(1):15–22, Jan 77

Hypertransaminasaemia with heparin treatment: effect of regular haemodialysis. Salway JG, et al. **Br Med J** 2(6041):919–20, 16 Oct 76

Characterization of the interaction between chymotrypsin and heparin. Twining SS, et al. **Can J Biochem** 55(2):134–9, Feb 77

Effects of acidity, cations and alcoholic fractionation on absorption of heparin from gastrointestinal tract. Sue TK, et al. **Can J Physiol Pharmacol** 54(4):613–7, Aug 76

Inhibitors of L-asparagine synthetase, in vitro. Cooney DA, et al. **Cancer Treat Rep** 60(10):1493–557, Oct 76

Capacity of ribosomal RNA promoters of E. coli to bind RNA polymerase. Mueller K, et al. **Cell** 10(1):121–30, Jan 77

Drugs affecting platelet behaviour [editorial]. **Cent Afr J Med** 22(10):207, Oct 76

Platelet aggregation in the cerebral microcirculation: effect of aspirin and other agents. Rosenblum WI, et al. **Circ Res** 40(3):320–8, Mar 77

Angiotensin II and its heptapeptide (2–8), hexapeptide (3–8), and pentapeptide (4–8) metabolites in arterial and venous blood of man. Semple PF, et al. **Circ Res** 39(5):671–8, Nov 76

Effect of increased free fatty acids on myocardial oxygen extraction and angina threshold during atrial pacing. Dagenais GR, et al. **Circulation** 56(2):315–9, Aug 77

Heparin pretreatment suppresses norepinephrine concentrations in dogs in endotoxic shock. Devereux DF, et al. **Clin Chem** 23(7):1346–7, Jul 77

Increased concentrations of serum free fatty acids falsely increase serum thyroxine as determined by competitive protein-binding. Pannall PR, et al. **Clin Chem** 23(6):990–3, Jun 77

Minimal effects of free fatty acids on the competitive protein-binding assay of serum thyroxine on reusable Sephadex columns. Bastomsky CH, et al. **Clin Chim Acta** 75(3):475–81, 15 Mar 77

Serum versus heparinized plasma for alanine aminotransferase and aspartate aminotransferase of normal individuals. Hafkenscheid JC, et al. **Clin Chim Acta** 78(1):23–7, 1 Jul 77

The clearance of lipoprotein X in vitro, and effect of

phospholipase A on serum lipoprotein X. Rubies-Prat J, et al. **Clin Chim Acta** 75(1):117-21, 15 Feb 77

Inhibition of the enzymatic activity of the first component of complement (C1) by heparin. Strunk R, et al. **Clin Immunol Immunopathol** 6(2):248-55, Sep 76

The effect of chronic heparin administration on the mineralization of an experimental osseous defect. Beljan JR, et al. **Clin Orthop** (125):205-7, Jun 77

Observations on some effects of disodium ethylenediamine tetra-acetate and heparin on fish blood. Smit GL, et al. **Comp Biochem Physiol [C]** 57(1):35-8, 1977

Spontaneous variability of the hemoglobin affinity for oxygen. Giannelli S Jr, et al. **Crit Care Med** 5(3):150-3, May-Jun 77

Equivalency of two lots of heparin and their effects on various coagulation tests. Heinrich RA, et al. **Curr Ther Res** 20(5):725-34, Nov 76

Differential activation of free and template-engaged RNA polymerase I and II during the resumption of development of dormant Artemia gastrulae. Hentschel CC, et al. **Dev Biol** 57(2):293-304, Jun 77

Modulation of fatty acid metabolism by glucagon in man. IV. Effects of a physiologic hormone infusion in normal man. Schade DS, et al. **Diabetes** 25(10):978-83, Oct 76

Effect of somatostatin on metabolic and hormonal changes induced by nicotinic acid in insulin-dependent diabetics. Luyckx AS, et al. **Diabetologia** 12(5):447-53, Oct 76

Heparin Therapy: regimens and management. Deykin D. **Drugs** 13(1):46-51, Jan 77 (17 ref.)

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41-68, 1976 (192 ref.)

Effect of heparin and adrenocorticotropin on the hepatic and serum cholesterol in catfish, Heteropneustes fossils. Jaiswal DM, et al. **Endokrinologie** 68(1):118-20, Oct 76

Acceleration of the reaction between thrombin and antithrombin III by non-stoichiometric amounts of heparin. Björk I, et al. **Eur J Biochem** 68(2):507-11, 15 Sep 76

RNA polysomes and RNA synthesis in the silk glands of the silkworm Bombyx mori; Sridhara S, et al. **Eur J Biochem** 72(2):331-9, Jan 77

Preparation and properties of chromatin from the silk glands of the silkworm Bombyx mori. Sridhara S, et al. **Eur J Biochem** 75(1):107-19, 2 May 77

Initiation of protein synthesis in eukaryotes. Binding to Sepharose-heparin and partial purification of initiation factors from Krebs II ascites cells. Van der Mast C, et al. **Eur J Biochem** 75(2):455-64, 16 May 77

Differences in heparin-released lipolytic activity in the superficial and deep veins of the human forearm. Heaf DJ, et al. **Eur J Clin Invest** 7(3):195-9, Jun 77

Properties of sea urchin chromatin as revealed by means of thermal denaturation. Kinoshita S. **Exp Cell Res** 102(1):153-61, 1 Oct 76

Changes of chromatin structure induced by acid mucopolysaccharides. Saiga H, et al. **Exp Cell Res** 102(1):143-52, 1 Oct 76

The abscence of intravascular clotting in rat anaphylaxis. Fésüs L, et al. **Experientia** 32(11):1477-8, 15 Nov 76

Comparison of a natural heparinoid with sodium and calcium heparin for their effect on the inhibitor of activated factor X. Mannucci PM, et al. **Experientia** 32(11):1478-80, 15 Nov 76

DNA-dependent RNA polymerase C from Xenopus laevis ovaries: formation of stable heparin-resistant DNA-binding complexes. Long E, et al. **FEBS Lett** 72(1):67-70, 15 Dec 76

Heparin causes a redistribution of chromosomal proteins. Taylor SR, et al. **FEBS Lett** 78(2):321-5, 15 Jun 77

Studies on the mechanism of heparin action by modification of its structure. Danishefsky I. **Fed Proc** 36(1):33-5, Jan 77

The heterogeneity of heparins. Lasker SE. **Fed Proc** 36(1):92-7, Jan 77

Heparins: varying effects on cell proliferation in vitro and lack of correlation with anticoagulant activity. Lippman MM, et al. **Fed Proc** 36(1):55-9, Jan 77

Heparin-lipoprotein lipase interactions. Olivecrona T, et al. **Fed Proc** 36(1):60-5, Jan 77

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10-8, Jan 77 (34 ref.)

Physicochemical properties of heparin, and its interaction with Cu(II) and calcium in relation to anticoagulation. Stivala SS. **Fed Proc** 36(1):83-8, Jan 77

Current dilemmas in the clinical use of heparin. Wessler S. **Fed Proc** 36(1):66-9, Jan 77

Heparin and platelet function. Zucker MB. **Fed Proc** 36(1):47-9, Jan 77 (40 ref.)

Behaviour of 125I-fibrinogen and 131I-albumin in experimental galactosamine-induced hepatitis. Mahn I, et al. **Gut** 18(7):547-55, Jul 77

The effect of heparin on the interaction of factor VIII and human platelets in vitro. de Marco L, et al. **Haemostasis** 6(3):163-70, 1977

Heparin, heparin-activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26-34, 1977 (60 ref.)

Platelet activation in haemostasis: role of thrombin and other clotting factors in platelet-collagen interaction. Huzoor-Akbar, et al. **Haemostasis** 6(1):59-71, 1977

Antifactor Xa activity measured with amidolytic methods. Odegård OR, et al. **Haemostasis** 5(5):265-75, 1976

The influence of glycosaminoglycans on the synthesis of polyphenylalanine by rat liver ribosomes. Gressner AM, et al. **Hoppe Seylers Z Physiol Chem** 358(1):69-78, Jan 77

Interactions of glycosaminoglycans with DNA and RNA synthesizing enzymes in vitro. Schaffrath D, et al. **Hoppe Seylers Z Physiol Chem** 357(4):499-508, Apr 76

Mode of interaction of different polyanions with the first (C1, C1), the second (C2) and the fourth (C4) component of complement--III. Inhibition of C4 and C2 binding site(s) on C1s by polyanions. Loos M, et al. **Immunochemistry** 13(9):789-91, Sep 76

Microrheology of erythrocytes and platelets: physiological basis and consequences for the design and the operation of extracorporeal circulatory devices. pp. 163-76. Schmid-Schönbein H, et al. **In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.**

Studies on the regulation of the neutrophil chemotactic response using a rapid and reliable method for measuring random migration and chemotaxis of neutrophil granulocytes. pp. 326-39. Keller HU, et al. **In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.**

Triglyceride catabolism in plasma. pp. 99-101. Greten H. **In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974.**

Lecithin: cholesterol acyltransferase (LCAT) and lipoprotein metabolism. Results of studies of familial LCAT deficiency. pp. 17-22. Norum KR, et al. **In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974.**

Standards for heparin. pp. 49-57. Brozović M, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Lipoprotein lipase and heparin. pp. 145-57. Olivecrona T, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Control of heparin therapy by thromboelastography. pp. 211-8. Raby C. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

The function of heparin. pp. 101-19. Rosenberg RD. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Platelets, heparin, and blood coagulation. pp. 125-43. Walsh PN. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.** (74 ref.)

Heparin, heparinoids and blood coagulation. pp. 121-4. Yin ET, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Abortive initiation of in vitro RNA synthesis on bacteriophage lambda DNA. pp. 413-28. Johnston DE, et al. **In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975.** (16 ref.)

Formation of the RNA polymerase-lac promoter open complex. pp. 441-54. Reznikoff WS. **In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975.** (19 ref.)

Effect of EPL on the lipid metabolism of the arterial wall and other tissues. pp. 187-200. Howard AN, et al. **In: Peeters H, ed. Phosphatidylcholine. Berlin, Springer, 1976. QU 93 P575 1975.**

Cytosol receptors for thyroxine (T4) and triiodothyronine (T3)

in human liver. pp. 338–41. Hamada S, et al.
In: Robbins J, et al., ed. Thyroid research. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.378 1975.

Blood platelets: their behavior with respect to extracorporeal membrane oxygenation. pp. 105–21. Salzman EW.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (68 ref.)

Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123–36. Spragg RG, et al.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (69 ref.)

Lymphocyte responses to purified ragweek allergens in vitro. I. Proliferative responses in normal, newborn, agammaglobulinemic, and atopic subjects. Buckley RH, et al. **J Allergy Clin Immunol** 59(13):70–8, Jan 77

Effects of polyamines on the degradation of ribonucleic acids by polynucleotide phosphorylase of Micrococcus luteus. Igarashi K, et al. **J Biochem (Tokyo)** 81(2):389–94, Feb 77

Studies on the restoration of the activities of Ribonucleases by polyamines in the presence of various ribonuclease inhibitors. Igarashi K, et al. **J Biochem (Tokyo)** 81(3):579–85, Mar 77

Effects of polyamines on the activities of Escherichia coli ribonuclease I and II. Kumagai H, et al. **J Biochem (Tokyo)** 81(2):381–8, Feb 77

Involvement of cyclic GMP in the initial stage of hepatocytes proliferation. Miura Y, et al. **J Biochem (Tokyo)** 80(2):291–7, Aug 76

Platelet cyclic 3':5'-nucleotide phosphodiesterase released by thrombin and calcium ionophore. Hidaka H, et al. **J Biol Chem** 251(23):7508–16, 10 Dec 76

Bovine adrenal tyrosine hydroxylase: purification and properties. Hoeldtke R, et al. **J Biol Chem** 252(10):3160–9, 25 May 77

Characterization of the nucleoside triphosphate phosphohydrolase (ATPase) activity of RNA synthesi termination factor p. I. Enzymatic properties and effects of inhibitors. Lowery C, et al. **J Biol Chem** 252(4):1375–80, 25 Feb 77

Binding of Escherichia coli RNA polymerase to T7 DNA. Displacement of holoenzyme from promoter complexes by heparin. Pfeffer SR, et al. **J Biol Chem** 252(15):5403–7, 10 Aug 77

Inhibition of activated factor XII by antithrombin-heparin cofactor. Stead N, et al. **J Biol Chem** 251(21):6481–8, 10 Nov 76

Activation of human Glu-plasminogen to Glu-plasmin by urokinase in presence of plasmin inhibitors. Streptomyces leupeptin and human plasma alpha1-antitrypsin and antithrombin III (plus heparin). Summaria L, et al. **J Biol Chem** 252(11):3945–51, 10 Jun 77

Properties of heparin--poly(methyl methacrylate) copolymers. II. Labarre D, et al. **J Biomed Mater Res** 11(2):283–95, Mar 77

A new antithrombogenic heparinized polymer. Miyama H, et al. **J Biomed Mater Res** 11(2):251–65, Mar 77

A spectrophotometric method for the determination of monoglyceride hydrolase. Hansen W. **J Clin Chem Clin Biochem** 14(9):433–5, Sep 76

Glucocorticoid regulation of plasma ketone body concentration in insulin devicient man. Schade DS, et al. **J Clin Endocrinol Metab** 44(6):1069–79, Jun 77

Effect of estrogen on post-heparin lipolytic activity. Selective decline in hepatic triglyceride lipase. Applebaum DM, et al. **J Clin Invest** 59(4):601–8, Apr 77

Rubella hemagglutination-inhibition test: false-positive reactions in sera contaminated with bacteria. Campbell JB, et al. **J Clin Microbiol** 4(5):389–93, Nov 76

Microcalorimetry as a tool for evaluation of blood culture media. Ripa KT, et al. **J Clin Microbiol** 5(4):393–6, Apr 77

Inhibitory effect of heparin on the Limulus test for endotoxin. Sullivan JD Jr, et al. **J Clin Microbiol** 2(2):151, AUG 76

Rubella virus serology:detection of residual lipoprotein inhibitors of haemagglutination using sensitive indicator arboviruses. Shortridge KF. **J Clin Pathol** 30(5):409–16, May 77

Studies on the stimulation of cAMP metabolism by heparin solutions containing benzyl alcohol. Atkinson JP, et al. **J Cyclic Nucleotide Res** 2(4):297–305, Jul-AUG 76

Surgery on patients receiving anticoagulants. Fisher HW. **J Dermatol Surg Oncol** 3(2):210–2, Mar-Apr 77

The role of membrane receptors for C3b and C3d in phagocytosis. Ehlenberger AG, et al. **J Exp Med** 145(2):357–71, 1 Feb 77

Dengue viruses and mononuclear phagocytes. I. Infection enhancement by non-neutralizing antibody. Halstead SB, et al. **J Exp Med** 146(1):201–17, 1 Jul 77

Complement activation by interaction of polyanions and polycations. III. Complement activation by interaction of multiple polyanious and polycations is the presence of C-reactive protein. Claus DR, et al. **J Immunol** 118(1):83–7, Jan 77

Abrogation of resistance to foreign bone marrow grafts by carrageenans. II. Studies with the anti-macrophage agents iota, kappa, and lambda-carrageenans. Yung YP, et al. **J Immunol** 119(4):1310–5, Oct 77

Heparin-induced coagulopathy. Bell WR, et al. **J Lab Clin Med** 89(4):741–50, Apr 77

The role of heparin on platelet retention by acrylonitrile co-polymer dialysis membranes. Lindsay RM, et al. **J Lab Clin Med** 89(4):724–34, Apr 77

A comparison of lipoprotein lipase activity and adipocyte differentiation in growing male rats. Hietanen E, et al. **J Lipid Res** 18(4):480–90, Jul 77

The significance of lipoprotein lipase in rat skeletal muscles. Tan MH, et al. **J Lipid Res** 18(3):363–70, May 77

Afferent and efferent interference of cell-mediated cytotoxic reactions by heparin. Ting CC. **J Natl Cancer Inst** 57(2):455–7, Aug 76

Nuclear-cytosol interactions that modulate RNA synthesis and transcript size of mouse brain nuclei. Weck PK, et al. **J Neurochem** 27(6):1367–74, Dec 76

Severe glomerulonephritis complicated by coagulopathy: treatment with anticoaguland and immunosuppresive drugs. Robson AM, et al. **J Pediatr** 90(6):881–92, Jun 77

The relationship of heparin source to the incidence of delayed hemorrhage. Abbott WM, et al. **J Surg Res** 22(6):593–7, Jun 77

The contribution of anticoagulants to platelet dysfunction with extracorporeal circulation. Wallace HW, et al. **J Thorac Cardiovasc Surg** 72(5):735–41, Nov 76

Estrogen-containing oral contraceptive agents. A basis for their thrombogenicity. Wessler S, et al. **JAMA** 236(19):2179–82, 8 Nov 76

Changes in anticoagulation in dogs assayed by three methods. Harrison HN, et al. **Lab Anim Sci** 26(6 Pt 1):917–21, Dec 76

Effect of low-dose subcutaneous heparin on whole-blood viscosity [letter]. Girolami A, et al. **Lancet** 2(7991):909, 23 Oct 76

Charcoal haemoperfusion in thyroid storm [letter]. Herrmann J, et al. **Lancet** 1(8005):248, 29 Jan 77

Intrapulmonary heparin. A new procedure for anticoagulant therapy. Jaques LB, et al. **Lancet** 2(7996):1157–61, 27 Nov 76

The mast cell/heparin paradox. Jaques LB, et al. **Lancet** 1(8008):411–3, 19 Feb 77

A heparin analogue with specific action on antithrombin III. Thomas DP, et al. **Lancet** 1(8003):120–2, 15 Jan 77

Effect of changes in plasma levels of free fatty acids on plasma glucagon, insulin, and growth hormone in man. Hicks BH, et al. **Metabolism** 26(9):1011–23, Sep 77

Effect of clofibrate on postheparin plasma triglyceride lipase activities in patients with hypertriglyceridemia. Nikkilä EA, et al. **Metabolism** 26(2):179–86, Feb 77

Solubilization of chromatin with heparin and the isolation of nuclear membranes. Bornens M. **Methods Cell Biol** 15:163–75, 1977

In vitro transcription of the ribosomal RNA genes of E. coli DNA. Sümegi J, et al. **Mol Gen Genet** 151(3):305–12, 16 Mar 77

Suppression by heparin of smooth muscle cell proliferation in injured arteries. Clowes AW, et al. **Nature** 265(5595):625–6, 17 Feb 77

Cardiovascular reactions induced by leucocidin from Pseudomonas aeruginosa. Frimmer M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 294(1):85–9, 16 Jul 76

Acid-base status of cattle blood. Sampling and storing. Poulsen JS, et al. **Nord Vet Med** 29(6):271–83, Jun 77

Fat emulsions with added free cholesterol or fatty acid cholesteryl esters. Studies on removal mechanisms in vivo and hydrolysis by lipoprotein lipase in vitro. Rössner S, et al. **Nutr Metab** 21(6):349–57, 1977

Factor V and VIII activation 'in vivo' during bleeding. Evidence of thrombin formation at the early stage of hemostasis. Jensen AH, et al. **Pathol Biol (Paris)** 24 Suppl:6–10, Dec 76

Lipoprotein-lipase activation by an extractive heparinoid (glucuronoglucosaminoglycan). Avogaro P, et al. **Pharmacol Res Commun** 9(4):391–6, Apr 77

Activation of lipoprotein lipase with lipid lowering effect in man by intravenous injection of an extractive mucopolysaccaride complex (EMC). Rubba P, et al. **Pharmacol Res Commun** 9(7):675–8, Jul 77

Therapeutics. Guidelines for heparin administration in thromboembolic disease. Prupas HM. **Postgrad Med** 62(2):157–61, Aug 77

In vitro and in vivo correlation of clotting protease activity: effect of heparin. Gitel SN, et al. **Proc Natl Acad Sci USA** 74(7):3028–32, Jul 77

Gemfibrozil: effect on serum lipids, lipoproteins, postheparin plasma lipase activities and glucose tolerance in primary hypertriglyceridaemia. Nikkilä EA, et al. **Proc R Soc Med** 69 Suppl 2:58–63, 1976

Isolated rat liver needs calcium to make bile. Owen CA Jr. **Proc Soc Exp Biol Med** 155(3):314–7, Jul 77

Effect of heparin on insulin secretion in vivo and in vitro. Orosz L. **Res Exp Med (Berl)** 167(3):239–54, 2 Jul 76

The effect of ascorbic acid on the activity of lipoprotein lipase in the baboon (Papio ursinus). Kotzé JP, et al. **S Afr Med J** 50(43):1760–4, 9 Oct 76

Impaired anticoagulant effect of heparin in the artificial kidney. An experimental study. Björnson J, et al. **Scand J Clin Lab Invest** 36(6):581–9, Oct 76

The effect of syngeneic peripheral blood cells on the formation of colonies by normal human bone marrow cells in diffusion chambers in mice. Elmgreen J, et al. **Scand J Haematol** 17(5):379–87, Nov 76

In vitro platelet stain preventing (degranulating) effect of various substances, Study of mechanism of action. Stavem P, et al. **Scand J Haematol** 18(2):170–6, Feb 77

The effect of chlorpromazine and heparin pretreatment on kidney viability and function after warm ischaemic damage. Bilde T, et al. **Scand J Urol Nephrol** 11(2):173–7, 1977

Tumor cell collagenase and its inhibition by a cartilage-derived protease inhibitor. Kuettner KE, et al. **Science** 196(4290):653–4, 6 May 77

Experience with deep hypothermia and elective circulatory arrest for cardiac surgery in infants. Caldwell TB 3d, et al. **South Med J** 70(6):681–5, Jun 77

Rationale and usefulness of heparinization: an overview. Palmer RL. **Tex Med** 73(5):68–72, May 77

Competitive inhibition by lithium and hydrogen ions of the effect of calcium on the aggregation of rabbit platelets. Anderson ER, et al. **Thromb Haemostas** 36(2):343–59, 30 Nov 76

Microvascular haemostasis and the effect of local stimulation and inhibition of platelet function. An experimental study in rabbits. Bergqvist D, et al. **Thromb Haemostas** 36(1):133–9, 31 Aug 76

Drugs with antithrombotic effect: experimental study. Coeugniet E. **Thromb Haemostas** 35(2):495–9, 30 Apr 76

Studies on the action mechanism of the antihemostatic effect of lodopeptides. Golub AL, et al. **Thromb Haemostas** 35(2):437–46, 30 Apr 76

Four heparin preparations: anti-Xa potentiating effect of heparin after subcutaneous injection. Johnson EA, et al. **Thromb Haemostas** 35(3):586–91, 30 Jun 76

The stability of glutardialdehyde-stabilized 35-heparinized surfaces in contact with blood. Larsson RL, et al. **Thromb Haemostas** 37(2):262–73, 30 Apr 77

Inactivation of alpha- and beta- thrombin by antithrombin-III and heparin. Machovich R, et al. **Thromb Haemostas** 36(3):503–8, 31 Dec 76

Prevention of platelet adhesion and aggregation by a glutardialdehyde-stabilized heparin surface. Olsson P, et al. **Thromb Haemostas** 37(2):274–82, 30 Apr 77

Chemorheological studies of the effect of heparin on the course of coagulation. Overholser KA, et al. **Thromb Haemostas** 35(2):447–59, 30 Apr 76

Heparin and ristocetin-induced platelet aggregation. Pekçelen Y, et al. **Thromb Haemostas** 35(2):485–7, 30 Apr 76

Heparin and blood coagulation [letter]. Sas G, et al. **Thromb Haemostas** 36(1):289–91, 31 Aug 76

Effects of ions on ADP-induced aggregation of bovine or human platelets. Waugh DF, et al. **Thromb Haemostas** 36(2):465–78, 30 Nov 76

Spontaneous platelet aggregation in arterial insufficiency: mechanisms and implications. Wu KK, et al. **Thromb Haemostas** 35(3):702–11, 30 Jun 76

Anticoagulant properties of heparin fractionated by affinity chromatography on matrix-bound antithrombin iii and by gel filtration. Andersson LO, et al. **Thromb Res** 9(6):575–83, Dec 76

Studies on cold insoluble globulin in dermatological patients. I. Immunochemical quantitation in citrated plasma from patients with increased amounts of heparin precipitable fraction (HPF). Fyrand O, et al. **Thromb Res** 9(5):447–55, Nov 76

'Low-dose heparin'--significance of subcutaneous injection. Jaques LB. **Thromb Res** 9(2):205–8, Aug 76

Effect of platelet antiserum on the activation of intravascular coagulation by endotoxin. Kramer W, et al. **Thromb Res** 10(1):47–70, Jan 77

Heparin-induced platelet aggregation in burn patients. Mims JA, et al. **Thromb Res** 10(2):291–9, Feb 77

Roles of polymer size and epsilon-amino groups in polylysine-platelet interaction. Mohammad SF, et al. **Thromb Res** 10(2):193–202, Feb 77

Inhibition of the activated Cls subunit of the first component of complement by antithrombin III in the presence of heparin. Ogston D, et al. **Thromb Res** 9(3):217–222, Sep 76

Inactivation of alpha- and beta-thrombin by heat defibrinated human plasma. Effect of heparin. Orakzai SA, et al. **Thromb Res** 10(6):813–22, Jun 77

Inactivation and binding of human plasma kallikrein by antithrombin III and heparin. Venneröd AM, et al. **Thromb Res** 9(5):457–66, Nov 76

Effect of some antithrombogenic drugs on the polyethylene-Krebs solution interface. Aragon PJ, et al. **TIT J Life Sci** 7(1–2):7–11, 1977

A standardized technique for efficient platelet and leukocyte collection using the Model 30 Blood Processor. Aisner J, et al. **Transfusion** 16(5):437–45, Sep-Oct 76

Effect of heparin on the priming with a protein antigen in mice. Jókay I, et al. **Z Immunitaetsforsch** 152(4):343–8, Dec 76

[Effect of blood withdrawal on the accuracy of high blood PO2 value determination with special regard to the diluting effect of heparin (author's transl)] Redhammer R, et al. **Bratisl Lek Listy** 66(3):285–92, 1976 **(Cze)**

[Influence of exogenous prostaglandins PGE1 and PGE2 on the renal erythrotonin effect on heparinized perfused blood in the dog] Barac G. **Arch Int Physiol Biochim** 84(4):851–6, Oct 76 (Eng. Abstr.) **(Fre)**

[Direct effect of exogenous sodium arachidonate on kidney blood flow in the dog; effect of heparin] Barac G, et al. **Arch Int Physiol Biochim** 84(4):857–61, Oct 76 (Eng. Abstr.) **(Fre)**

[An in vivo test for prostaglandin synthesis] Deby C, et al. **Bull Mem Acad R Med Belg** 130(2–3):178–93, 1975 (Eng. Abstr.) **(Fre)**

[Metabolic adjustments of human placental lactogen (HPL) secretion at the end of pregnancy] Gaspard U, et al. **Bull Mem Acad R Med Belg** 130(7–9):395–402, 1975 **(Fre)**

[Anticomplement actions of heparin-like and protamine-like substances] Timsit J, et al. **C R Soc Biol (Paris)** 170(3):567–74, Oct 76 (Eng. Abstr.) **(Fre)**

[Microtubule inhibitors] Deysson G. **Eur J Toxicol Environ Hyg** 9(5):259–70, Sep–Oct 76 (66 ref.) (Eng. Abstr.) **(Fre)**

[Pathogenesis of bovine pleuropneumonia. Receptive state of cattle maintained on heparin] Doutre MP. **Rev Elev Med Vet Pays Trop** 29(2):109–13, 1976 (Eng. Abstr.) **(Fre)**

[Purification of a beta lipoprotein fraction rich in Lp(a)] Dubarry M, et al. **Rev Fr Transfus Immunohematol** 19(4):555–62, Dec 76 (Eng. Abstr.) **(Fre)**

[Alcian blue induced mixed cell agglutination--short communication Halbhuber KJ, et al. **Folia Haematol (Leipz)** 104(1):98–101, 1977 (Eng. Abstr.) **(Ger)**

[Fibrinolytic properties of a heparin-ocrase complex] Kudrjashov BA, et al. **Folia Haematol (Leipz)** 103(4):573–82, 1976 (Eng. Abstr.) **(Ger)**

[Pharmacologic aspects in the management of inner ear disease (author's transl)] Breuninger H. **HNO** 24(10):329–32, Oct 76 (Eng. Abstr.) **(Ger)**

[Mode of action and control of 'low dose heparin' (author's transl)] Bruhn HD, et al. **Med Klin** 72(9):349–52, 4 Mar 77 (Eng. Abstr.) **(Ger)**

[Mechanism of action of low doses of subcutaneous heparin (author's transl)] Duckert F. **Ther Umsch** 34(5):334–7, May 77 (Eng. Abstr.) **(Ger)**

[Treatment of hemostasis disorders in liver diseases:prothrombin-complex concentrates] Fischer M. **Z Gastroenterol** 14(6):650–3, Oct 76 (Eng. Abstr.) **(Ger)**

[Metabolic effects and myocardial activity of heparin. Experimental research] Rognoni F, et al. **Boll Soc Ital Cardiol** 20(12):1693–8, 1975 **(Ita)**

[Electron microscopic study of the effect of post-heparin lipolytic activity on the plasma lipoproteins] Agostini B. **Riv Istochim Norm Patol** 19(1–4):149, 1975 **(Ita)**

[The studies on the influence of heparin on the reaction of antithrombin with thrombin, and the optimal dosis of heparin in the reaction (author's transl)] Meguro T, et al. **Acta Haematol Jpn** 40(2):213–7, Apr 77 (Eng. Abstr.) **(Jpn)**

[Study on nitroblue-tetrazolium (NBT) reduction by neutrophils. I. A new histochemical method to detect NBT reduction by neutrophils (author's transl)] Tomonaga M. **Jpn J Clin Hematol** 17(12):1266–75, Dec 76 (Eng. Abstr.)

(Jpn)

[Heparin effect on total calcium, its fractions and phosphate concentration in healthy subjects and patients with chronic renal failure] Grajek S, et al. **Pol Tyg Lek** 31(46):1963–5, 15 Nov 76 (Eng. Abstr.) **(Pol)**

[Theoretical and experimental basis for heparin treatment of glomerulonephritis] Szewczyk Z, et al. **Pol Tyg Lek** 32(29):1129–31, 18 Jul 77 (24 ref.) **(Pol)**

[Effect of heparin and glucagon on the morphological picture of the pancreas in the course of acute experimental pancreatitis] Bajko K. **Rocz Akad Med Bialymstoku** 21:23–36, 1977 (Eng. Abstr.) **(Pol)**

[Interrelated hemodynamic processes in the body of mother and the fetus and their regulation] Garmasheva NL. **Akush Ginekol (Mosk)** (5):9–12, May 77 (Eng. Abstr.) **(Rus)**

[Effect of heparin on incorporation of H3-thymidine in cells of transplantable line A-1] Bliumkin VN, et al. **Biull Eksp Biol Med** 82(9):1119–21, Sep 76 (Eng. Abstr.) **(Rus)**

[Role of glycosaminoglycans and proteoglycans in erythrocyte aggregation and adhesion] Bychkov SM, et al. **Biull Eksp Biol Med** 83(3):284–8, Mar 77 (Eng. Abstr.) **(Rus)**

[Release of DNA from the nuclei of hepatocytes of rats following their treatment with heparin] Demidenko OE, et al. **Biull Eksp Biol Med** 83(5):551–3, May 77 (Eng. Abstr.) **(Rus)**

[Development of the graft versus host reaction and its influence on pregnancy in mice following heparin administration] Fedosov EA. **Biull Eksp Biol Med** 83(3):312–5, Mar 77 (Eng. Abstr.) **(Rus)**

[Effect of heparin on the lipid peroxidation reaction of erythrocytes and their stability] Kulikov VIu, et al. **Biull Eksp Biol Med** 82(9):1086–8, Sep 76 (Eng. Abstr.) **(Rus)**

[Changes in the processes of bone marrow cell proliferation and differentiation in white mice under the influence of heparin] Lukashin BP, et al. **Biull Eksp Biol Med** 83(6):736–8, Jun 77 (Eng. Abstr.) **(Rus)**

[Effect of heparin on allotransplant survival] Latsis GV, et al. **Eksp Khir Anesteziol** (6):45–50, Nov-Dec 75 (Eng. Abstr.) **(Rus)**

[Study of the induction of thrombocyte adhesiveness in the presence of heparin] Kharlitskaia EV, et al. **Farmakol Toksikol** 39(4):440–4, Jun-Aug 76 (Eng. Abstr.) **(Rus)**

[Effect of heparin on enzyme processes in the myocardium and liver of animals of different ages] Makarova VG. **Farmakol Toksikol** 40(1):36–40, Jan-Feb 77 (Eng. Abstr.) **(Rus)**

[Effect of heparin on function of the external respiration in postoperative period in patients with mitral stenoses] Fufin VI, et al. **Grudn Khir** (2):46–50, Mar-Apr 77 (Eng. Abstr.) **(Rus)**

[Changes of the thrombagglutination test in coronary disease after treatment with heparin] Atanasov K, et al. **Kardiologiia** 17(5):142–3, May 77 **(Rus)**

[Effect of drugs used in the treatment of thrombotic and hemorrhagic conditions on the erythrocyte aggregation] Lakin KM, et al. **Kardiologiia** 17(5):79–83, May 77 **(Rus)**

[Effect of heparin on blood lipids under conditions of endo- and exogenous hyperlipemia] Lipovetskii BM, et al. **Kardiologiia** 16(3):123–7, Mar 76 (Eng. Abstr.) **(Rus)**

[State of microcirculatory hemostasis in arterial hypertension and its changes under the effect of heparin] Pavlishchuk SA. **Kardiologiia** 17(5):45–9, May 77 (Eng. Abstr.) **(Rus)**

[Relationship between Z-potential of the erythrocytes and the degree of their aggregation in hypertension and ischemic heart disease] Pokalev GM, et al. **Kardiologiia** 17(5):122–4, May 77 **(Rus)**

[Comparative characteristics of the effect of various blood preservatives on myocardial contractility] Iarochkin VS, et al. **Probl Gematol Pereliv Krovi** 21(4):32–5, Apr 76 (Eng. Abstr.) **(Rus)**

[Effect of heparin on T- and B-lymphocyte interaction] Novitskaia SA, et al. **Probl Gematol Pereliv Krovi** 22(1):32–4, Jan 77 (Eng. Abstr.) **(Rus)**

[Heparin treatment of microcirculatory disorders in acute surgical diseases of the abdominal organs] Khomenko NM, et al. **Sov Med** (9):30–2, 1976 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the saluretic effect of furosemide, sodium bicarbonate and heparin. Shul'tsev GP, et al. **Ter Arkh** 48(7):107–13, 1976 (Eng. Abstr.) **(Rus)**

[Effects of heparin on blood circulation in fractures of long tubular bones] Gvozdev PI. **Vestn Khir** 118(4):104–8, Apr 77 (Eng. Abstr.) **(Rus)**

[Analogous action of synanthrin and heparin on DNA-ase activity] Khursin NE, et al. **Vopr Med Khim** 22(5):596–9, Sep-Oct 76 **(Rus)**

[Heparin-aspirin complex, its physico-chemical and physiologic properties] Kudriashov BA, et al. **Vopr Med Khim** (1):44–51, Jan-Feb 77 (Eng. Abstr.) **(Rus)**

[Factor XIII activity in the presence of suppression of the function of the anticoagulant system and its restoration in animals on an atherogenic ration] Kudriashov BA, et al. **Vopr Pitan** (5):54–7, Sep-Oct 76 (Eng. Abstr.) **(Rus)**

[Synthesis of virus-specific RNA under conditions of homologous and heterologous interference by Newcastle disease virus] Zhdanova LV, et al. **Vopr Virusol** (4):425–9, Jul-Aug 76 (Eng. Abstr.) **(Rus)**

[Effects of heparin upon complement (author's transl)] Daiber A, et al. **Rev Med Chil** 104(12):875–9, Dec 76 (Eng. Abstr.) **(Spa)**

['Heparin rebound' and fibrinolytic activity in extracorporeal circulation (author's transl)] Sanz MA, et al. **Sangre (Barc)** 22(3):346–50, 1977 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

The low-density lipoprotein pathway in human fibroblasts: relation between cell surface receptor binding and endocytosis of low-density lipoprotein. Brown MS, et al. **Ann NY Acad Sci** 275:244–57, 1976

Cell-coat glycosaminoglycans in cellular transformation and differentiation. Chiarugi VP. **Exp Cell Biol** 44(3-6):251–9, 1976

Probable physiologic functions of heparin. Engelberg H. **Fed Proc** 36(1):70–2, Jan 77

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

The function of heparin. pp. 101–19. Rosenberg RD. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.** (74 ref.)

The risk of anticoagulation in hemodialysis patients. Biggers JA, et al. **Nephron** 18(2):109–13, 1977

RADIATION EFFECTS

ESR study of gamma-irradiated sodium heparinate. Baquey C, et al. **Radiat Res** 70(1):82–90, Apr 77

SECRETION

Immunologic release of heparin from purified rat peritoneal mast cells. Yurt RW, et al. **J Immunol** 118(4):1201–7, Apr 77

The mast cell/heparin paradox. Jaques LB, et al. **Lancet** 1(8008):411–3, 19 Feb 77

[Mast cells as regulators of tissue homeostasis and their place in the series of biological regulators] Lindner DP, et al. **Arkh Patol** 38(8):3–14, 1976 (Eng. Abstr.) **(Rus)**

STANDARDS

Standards for heparin. pp. 49–57. Brozović M, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

[Letter: Prevention of postoperative thromboembolism by calcium heparinate: standard or personalized treatment? (letter)] Forestier F, et al. **Nouv Presse Med** 5(34):2250–1, 16 Oct 76 **(Fre)**

THERAPEUTIC USE

Recent advances in critical care. **Acta Anaesthesiol Belg** 27 suppl:363–7, 1976

Prevention of thrombo-embolic disease in emergencies. Chopin J. **Acta Anaesthesiol Belg** 27(2):69–81, 1976

Postoperative platelet function in patients on small subcutaneous doses of heparin. Economopoulos TC, et al. **Acta Haematol (Basel)** 57(5):266–71, 1977

Treatment of advanced breast cancer with chemotherapeutics and inhibition of coagulation and fibrinolysis. Astedt B, et al. **Acta Med Scand** 201(5):491–3, 1977

Aseptic thrombosis of orbital veins and cavernous sinus. Clinical symptomatology. Brismar G, et al. **Acta Ophthalmol (Kbh)** 55(1):9–22, Feb 77

Prevention and treatment of thrombosis. Wessler S.

Adv Intern Med 22:187–205, 1977 (66 ref.)
Unsuspected pulmonary emboli in well persons: the incomplete pulmonary infarction syndrome. Seinfeld ED, et al. **Am Fam Physician** 15(2):140–8, Feb 77
Pulmonary embolectomy, heparin, and streptokinase: their place in the treatment of acute massive pulmonary embolism. Miller GA, et al. **Am Heart J** 93(5):568–74, May 77
Eisenmenger's syndrome in pregnancy: does heparin prophylaxis improve the maternal mortality rate? Pitts JA, et al. **Am Heart J** 93(3):321–6, Mar 77
Disseminated intravascular coagulation [letter]. **Am J Clin Pathol** 68(1):93–5, Jul 77
Progress report: the activated coagulation time of whole blood (ACT). Hattersley PG. **Am J Clin Pathol** 66(5):899–904, Nov 76
Metiamide therapy of bleeding peptic ulcer during chronic hemodialysis. Kruss DM, et al. **Am J Dig Dis** 22(7):662–3, Jul 77
Budd–chiari syndrome after taking oral contraceptives. A case report and review of 14 reported cases. Wu SM, et al. **Am J Dig Dis** 22(7):623–8, Jul 77
On monitoring heparin therapy [letter]. Michelson PA. **Am J Hosp Pharm** 33(12):1242–5, Dec 76
Chronic intravascular coagulation associated with chronic myelocytic leukemia. Use of heparin in connection with a surgical procedure. German HJ, et al. **Am J Med** 61(4):547–52, Oct 76
Are agents affecting platelet functions clinically useful? Verstraete M. **Am J Med** 61(6):897–914, Dec 76 (173 ref.)
Massive pulmonary hemorrhage: a rare complication of heparin therapy. Bone RS, et al. **Am J Med Sci** 272(2):197–9, Sep–Oct 76
Case report: low–dose intravenous heparin in the treatment of disseminated intravascular coagulation. Gurewich V, et al. **Am J Med Sci** 274(1):83–6, Jul–Aug 77
Therapeutic effects of heparin on Pseudomonas–induced corneal ulceration. Ellison A, et al. **Am J Ophthalmol** 82(4):619–27, Oct 76
Disseminated intravascular coagulation induced by progesterone in the pregnant rat. Prevention by estogens. Stamler FW. **Am J Pathol** 86(3):603–22, Mar 77
Guide wire thrombogenicity measured by fibrinopeptide A radioimmunoassay. Casarella WJ, et al. **Am J Roentgenol** 128(3):363–6, Mar 77
Healing of deep venous thrombosis: venographic findings in a randomized study comparing streptokinase and heparin. Rösch J, et al. **Am J Roentgenol** 127(4):553–8, Oct 76
Vein grafts: an historical perspective. Baird RN, et al. **Am J Surg** 134(2):293–6, Aug 77 (26 ref.)
Detection and management of hypercoagulability. Collins GJ Jr, et al. **Am J Surg** 132(6):767–70, Dec 76
Pitfalls in peripheral vascular surgery: Disseminated intravascular coagulation. Collins GJ Jr, et al. **Am J Surg** 134(3):375–80, Sep 77
Pulmonary embolism. Moser KM. **Am Rev Respir Dis** 115(5):829–52, May 77
Low–dose heparin for the prophylaxis of pulmonary embolism. Sherry S. **Am Rev Respir Dis** 114(4):661–6, Oct 76 (30 ref.)
Extracorporeal membrane oxygenation in the treatment of respiratory failure––a review. Newland PE. **Anaesth Intensive Care** 5(2):99–112, May 77 (73 ref.)
The diagnosis and treatment of endotoxic shock. Lees NW. **Anaesthesia** 31(7):897–909, Sep 76 (45 ref.)
Pulmonary embolism. Prophylaxis diagnosis and treatment. Price DG. **Anaesthesia** 31(7):925–32, Sep 76
The effects of heparin on recovery from ischemic brain injuries in cats. Stullken EH Jr, et al. **Anesth Analg (Cleve)** 55(5):683–7, Sep–Oct 76
Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
Immune–related renal vein thrombosis in a renal allograft. Golden J, et al. **Ann Intern Med** 85(5):612–3, Nov 76
Necrotizing vasculitis [letter]. Moutsopoulos H, et al. **Ann Intern Med** 82(1):121–2, Jan 75
Personal views on published facts. What should I do about deep vein thrombosis and pulmonary embolism? Browse NL. **Ann R Coll Surg Engl** 59(2):138–42, Mar 77
Dissolution of retained choledochal calculi. Wheeler MH. **Ann R Coll Surg Engl** 59(2):153–7, Mar 77
Clinical and laboratory experience with heparin–impregnated silicone shunts for carotid endarterectomy. Piepgras DG, et al. **Ann Surg** 184(5):637–41, Nov 76
The heparin–coated vascular shunt for thoracic aortic and great vessel procedures: a ten–year experience. Donahoo JS, et al. **Ann Thorac Surg** 23(6):507–13, Jun 77
Polybrene neutralization as a means of monitoring heparin therapy for extracoporeal cirulation. Foster ED, et al. **Ann Thorac Surg** 23(6):514–9, Jun 77
The incidence of venous thrombosis following long–term transvenous pacing. Stoney WS, et al. **Ann Thorac Surg** 22(2):166–70, Aug 76
Heparinless shunting during cross–clamping of the thoracic aorta [editorial]. Wechsler AS, et al. **Ann Thorac Surg** 23(6):497–8, Jun 77
Diagnosis of pulmonary embolism. Sharma GV, et al. **Annu Rev Med** 28:159–66, 1977 (17 ref.)
Local treatment of thrombophlebitis with essaven gel. Wójcicki J, et al. **Arch Immunol Ther Exp (Warsz)** 24(6):807–10, 1976
Modification of venous stasis thrombosis in the rat by platelet–active drugs and by heparin. De Clerck F, et al. **Arch Int Pharmacodyn Ther** 222(2):233–42, Aug 76
Superior Sagittal Sinus Thrombosis. Gettelfinger DM, et al. **Arch Neurol** 34(1):2–6, Jan 77
Effect of a new antithrombotic agent at microvenous anastomotic sites. Griffiths MV, et al. **Arch Otolaryngol** 103(6):318–21, Jun 77
Disseminated intravascular coagulation. Cade JF. **Aust NZ J Surg** 46(4):314–8, Nov 76
Screening test for decompression sickness. Hart GB. **Aviat Space Environ Med** 47(9):993–4, Sep 76
Erysipelas and necrotizing fasciitis. Hammar H, et al. **Br J Dermatol** 96(4):409–19, Apr 77
The prevention of acute pulmonary embolism. Kakkar VV. **Br J Hosp Med** 18(1):32–40, Jul 77
The management of acute pulmonary embolism. Miller GA. . **Br J Hosp Med** 18(1):26–31, Jul 77
Dissolution of retained bile duct stones using heparin. Chary S. **Br J Surg** 64(5):347–51, May 77
Preventing thromboembolism after myocardial infarction: effect of low–dose heparin or smoking. Emerson PA, et al. **Br Med J** 1(6052):18–20, 1 Jan 77
Preventing venous thromboembolism in elderly patients with hip fractures: studies of low–dose heparin, dipyridamole, aspirin, and flurbiprofen. Morris GK, et al. **Br Med J** 1(6060):535–7, 26 Feb 77
Hypertransaminasaemia with heparin treatment: effect of regular haemodialysis. Salway JG, et al. **Br Med J** 2(6041):919–20, 16 Oct 76
Trial of heparin and cyclophosphamide (NSC–26271) in the treatment of lung cancer. Edlis HE, et al. **Cancer Treat Rep** 60(5):575–8, May 76
Heparin therapy–part I. Caprini JA, et al. **Cardiovasc Nurs** 13(3):13–6, May–Jun 77
Heparin therapy – Part II. Caprini JA, et al. **Cardiovasc Nurs** 13(4):17–20, Jul–Aug 77
Arteriographic evidence of coronary arterial spasm in acute myocardial infarction. Oliva PB, et al. **Circulation** 56(3):366–74, Sep 77
Heparin [letter] Pachter HL, et al. **Circulation** 56(2):327–8, Aug 77
Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)
Factors influencing postoperative vascular patency. Piepgras DG. **Clin Neurosurg** 23:310–7, 1976
Renal vein thrombosis in infancy and childhood: a contemporary survey. Belman AB. **Clin Pediatr (Phila)** 15(11):1033–44, Nov 76
Complications of percutaneous transfemoral coronary arteriography. Silverman JF, et al. **Clin Radiol** 27(3):317–21, Jul 76
The prophylaxis and treatment of thromboembolism. Negus D. **Compr Ther** 2(12):15–23, Dec 76
Acute arterial occlusions. Persson AV. **Compr Ther** 2(12):41–4, Dec 76
Anticoagulant therapy: questions and answers. Sherry S. **Compr Ther** 2(12):58–65, Dec 76
Anticoagulant therapy in myocardial infarction. Vreeken J. **Compr Ther** 2(12):50–2, Dec 76
Schönlein–Henoch's syndrome in children. Kobayashi O, et al. **Contrib Nephrol** 4:48–71, 1975
The hemorrhagic complications of open–heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)
Low–dose heparin preparations for prophylactic use. **Drug Ther Bull** 15(6):21–2, 18 Mar 77
Heparin Therapy: regimens and management. Deykin D. **Drugs** 13(1):46–51, Jan 77 (17 ref.)
Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)
Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)
Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)
Arwin in peripheral arterial circulatory disorders: controlled multicentre trials. Wolf GK. **Eur J Clin Pharmacol** 09(5–6):387–92, 22 Mar 76

Solitary hepatic hemangioma in a newborn infant complicated by cardiac failure, consumption coagulopathy, microangiopathic hemolytic anemia, and obstructive jaundice. Case report and review of the literature. Linderkamp O, et al. **Eur J Pediatr** 124(1):23–9, 9 Dec 76

Controlled prevention of post-operative thrombosis in urological diseases with depot heparin. Sebeseri O, et al. **Eur Urol** 1(5):229–30, 1975

Thrombosis of sympathectomized rats after strong excitation provoked by sound stimuli. Rodionov IM, et al. **Experientia** 33(1):39–40, 15 Jan 77

Current dilemmas in the clinical use of heparin. Wessler S. **Fed Proc** 36(1):66–9, Jan 77

A reproducible animal model of acute bleeding ulcer–the 'ulcer maker'. Protell RL, et al. **Gastroenterology** 71(6):961–4, Dec 76

Selecting and preparing patients for total hip replacement. Feinstein PA, et al. **Geriatrics** 32(7):91–6, Jul 77

Chronic diffuse intravascular coagulation (DIC) in nonmetastatic ovarian cancer: report of a case and review of the literature. Siegman-Igra Y, et al. **Gynecol Oncol** 5(1):92–100, Mar 77

Disseminated intravascular coagulation. Hollán SR, et al. **Haematologia (Budap)** 10(3–4):319–30, 1976

Pretreatment with heparin in thrombolytic therapy with Urokinase. Heparin–urokinase therapy. Bizzi B, et al. **Haemostasis** 5(3):147–54, 1976

Evaluation of hypercoagulability in septic abortion. Graeff H, et al. **Haemostasis** 5(5):285–94, 1976

Heparin, heparin-activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26–34, 1977 (60 ref.)

Combined administration of low dose heparin and aspirin as prophylaxis of deep vein thrombosis after hip joint surgery. Schöndorf TH, et al. **Haemostasis** 5(4):250–7, 1976

Migraine therapy with heparin: pathophysiologic basis. Thonnard-Neumann E. **Headache** 16(6):284–92, Jan 77

Current practice in the use of anticoagulants for ischemic heart disease: a survey of 200 hospitals. Bassan MM, et al. **Heart Lung** 5(5):742–6, Sep–Oct 76

Platelets, foreign surfaces, and heparin. pp. 183–95. Lindsay RM.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.

Long-term self-administered heparin therapy for prevention and treatment of thromboembolic complications in pregnancy. pp. 247–60. Bonnar J.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Prevention of deep vein thrombosis following total hip arthroplasties: a controlled trial of heparin versus aspirin and dipyridamole. pp. 337–48. Dechavanne M, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Low-dose heparin and myocardial infarction. pp. 305–21. Gertler MM, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Treatment of venous thrombosis with heparin. pp. 175–88. Hirsh J.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Efficacy of low-dose heparin in preventing postoperative fatal pulmonary embolism: results of an international multicentre trial. pp. 229–45. Kakkar VV, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

The role of heparin in the management of intravascular coagulation with renal insufficiency and renal transplantation. pp. 261–82. Lee HA.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Prevention of postoperative leg vein thrombosis: a comparison of low-dose heparin and electrical calf muscle stimulation. pp. 349–60. Pollock AV, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Heparin and disseminated intravascular coagulation. pp. 219–28. Prentice CR.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Control of heparin therapy by thromboelastography. pp. 211–8. Raby C.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

The function of heparin. pp. 101–19. Rosenberg RD.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

A multi-unit controlled trial of heparin and dextran in the prevention of venous thromboembolic disease. pp. 325–35. Ruckley CV.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Control of heparin therapy. pp. 201–9. Salzman EW, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Coagulation, heparin and thromboembolism. pp. 283–92. Schander K, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Heparin and pulmonary embolism. pp. 189–99. Thomas DP.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Low-dose heparin, deep venous thrombosis and myocardial infarction. pp. 293–304. Warlow C.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Heparin: present and future developments. pp. 367–71. Wessler S.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. WV 193 I604h 1975.

Clinical experience with extracorporeal membrane oxygenation hematology. pp. 137–40. Bloom S, et al.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.

Membrane lung extracorporeal bypass prolonged respiratory support in infants. pp. 465–79. White JJ.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.

Disseminated intravascular coagulation: a dermatologic disease. Colman RW, et al. **Int J Dermatol** 16(1):47–51, Jan–Feb 77

Vascularised transplantation of the Fallopian tube in the human female--a proposed surgical technique. Cohen BM. **Int J Fertil** 21(3):33–46, 1976

Experimental measurement of microcirculation in myocardial infarction by using radioactive microspheres. Papadimitriou J. **Int Surg** 61(9):486–90, Sep 76

Heparin and prevention of postoperative thrombosis: a review of the literature and a suggested protocol. Borsand MA. **J Am Osteopath Assoc** 76(5):356–9, Jan 77

Time course of pulmonary vascular response to microembolization. Malik AB, et al. **J Appl Physiol** 43(1):51–8, Jul 77

Prevention of venous thromboembolism in orthopaedic patients. Salzman EW, et al. **J Bone Joint Surg [Am]** 58(7):903–13, Oct 76

Prevention of fatal pulmonary thromboembolism by heparin prophylaxis after surgery for hip fractures. Sharnoff JG, et al. **J Bone Joint Surg [Am]** 58(7):913–8, Oct 76

Cerebral involvement with disseminated intravascular coagulation in intestinal disease. Ryan FP, et al. **J Clin Pathol** 30(6):551–5, Jun 77

Coagulation disorders. Bonnar J. **J Clin Pathol [Suppl]** (10):35–41, 1976

Surgery on patients receiving anticoagulants. Fisher HW. **J Dermatol Surg Oncol** 3(2):210–2, Mar–Apr 77

Traumatic amputation of digits: the fate of remaining blood. An experimental and clinical study. Tamai S, et al. **J Hand Surg** 2(1):13–21, Jan 77

Replantation of digits and hands: analysis of surgical techniques and functional results in 71 patients with 86 replantations. Weiland AJ, et al. **J Hand Surg** 2(1):1–12, Jan 77

Coagulopathy and aneurysm. Aortic dissection complications Megaffin BB, et al. **J Kans Med Soc** 78(9):374–8, Sep 77

Quantitative venographic assessment of deep vein thrombosis in the evaluation of streptokinase and heparin therapy.

Marder VJ, et al. **J Lab Clin Med** 89(5):1018–29, May 77
Kinetic characterization of hemostasis in thermal injury. Simon TL, et al. **J Lab Clin Med** 89(4):702–11, Apr 77
Thrombus formation and endothelial alterations in microarterial anastomoses. Rosenbaum TJ, et al. **J Neurosurg** 47(3):430–41, Sep 77
Giant hemangioma with consumption coagulopathy: sustained response to heparin and radiotherapy [letter] Carnelli V, et al. **J Pediatr** 91(3):504–5, Sep 77
Severe glomerulonephritis complicated by coagulopathy: treatment with anticoaguland and immunosuppresive drugs. Robson AM, et al. **J Pediatr** 90(6):881–92, Jun 77
Sepsis in the child: review and pathophysiological correlation. Levi S, et al. **J SC Med Assoc** 72(10):390–4, Oct 76
The relationship of heparin source to the incidence of delayed hemorrhage. Abbott WM, et al. **J Surg Res** 22(6):593–7, Jun 77
Therapeutic prevention of ischemia following intraarterial barbiturate injection. Lazarus HM, et al. **J Surg Res** 22(1):46–53, Jan 77
Dermal ischemia in the burn wound. Noble HG, et al. **J Surg Res** 23(2):117–25, Aug 77
Thrombolysis of acute or subacute nonembolic arterial thrombosis. Reichle FA, et al. **J Surg Res** 22(3):202–8, Mar 77
Monitoring of intraoperative heparinization and blood loss following cardiopulmonary bypass surgery. Babka R, et al. **J Thorac Cardiovasc Surg** 73(5):780–2, May 77
Individual responses to heparinization for extracorporeal circulation. Friesen RH, et al. **J Thorac Cardiovasc Surg** 72(6):875–9, Dec 76
Management of small arterial injuries: clinical and experimental studies. Kelly G, et al. **J Trauma** 16(9):681–5, Sep 76
Anticoagulants in open prostatectomies. Jasper WS Sr. **J Urol** 117(1):72–4, Jan 77
Research findings of potential value to the practitioner. **JAMA** 236(15):1685–6, 11 Oct 76
Arrest of growth of ovarian tumor by tranexamic acid. Astedt B, et al. **JAMA** 238(2):154–5, 11 Jul 77
Continuous vs intermittent heparin therapy [letter]. Hey EB Jr. **JAMA** 237(23):2469, 6 Jun 77
Clinically suspected deep venous thrombosis of the lower extremities. A comparison of venography, impedance plethysmography, and radiolabeled fibrinogen. Moser KM, et al. **JAMA** 237(20):2195–8, 16 May 77
Drug-related deaths among medical inpatients. Porter J, et al. **JAMA** 237(9):879–81, 28 Feb 77
Heparin prophylaxis [letter]. Sachatello CR. **JAMA** 237(8):768, 21 Feb 77
Estrogen-containing oral contraceptive agents. A basis for their thrombogenicity. Wessler S, et al. **JAMA** 236(19):2179–82, 8 Nov 76
Pathogenesis of polycation-induced alterations ('fusion') of glomerular epithelium. Seiler MW, et al. **Lab Invest** 36(1):48–61, Jan 77
Adverse reaction to chlorocresol-preserved heparin [letter]. Ainley EJ, et al. **Lancet** 1(8013):705, 26 Mar 77
Prevention of postoperative thromboembolism by dextran 40, low doses of heparin, or xantinol nicotinate. Gruber UF, et al. **Lancet** 1(8005):207–10, 29 Jan 77
Prevention of fatal postoperative pulmonary embolism by low-dose heparin [letter]. Gruber UF, et al. **Lancet** 1(8017):898, 23 Apr 77
Prevention of Fatal Postoperative pulmonary embolism by low doses of heparin. Reappraisal of results of international multicentre trial. Kakkar VV, et al. **Lancet** 1(8011):567–9, 12 Mar 77
Increase of platelet prostaglandin cyclic endoperoxides in thrombosis [letter]. Lagarde M, et al. **Lancet** 1(8002):88, 8 Jan 77
Haemorrhagic complications of heparin therapy. Mant MJ, et al. **Lancet** 1(8022):1133–5, 28 May 77
Prevention and diagnosis of venous thrombosis in patients with hip fractures. A survey of current practice. Morris GK, et al. **Lancet** 2(7991):867–9, 23 Oct 76
Hip fractures and deep-vein thromboembolism [letter]. Pollock A, et al. **Lancet** 2(7998):1301, 11 Dec 76
Disseminated intravascular coagulation in patients with infections: diagnostic and therapeutic approach. Hawiger J. **Mater Med Pol** 8(2):206–12, Apr–Jun 76 (27 ref.)
Venous disease and its complications. Friedman SA. **Med Clin North Am** 60(6):1093–104, 1976
Thrombosis-perspective on a major side effect or oral contraceptives [letter]. Orr KB. **Med J Aust** 2(13):510, 25 Sep 76
Administration and monitoring of heparin therapy. **Med Lett Drugs Ther** 19(7):31–2, 8 Apr 77
Prevention of venous thromboembolism by low-dose heparin. Wessler S. **Mod Concepts Cardiovasc Dis** 45(6):105–9, Jun 76
Heparin in the treatment of cerebral malaria (a preliminary report). Munir M, et al. **Paediatr Indones** 16(11–12):489–95, Nov–Dec 76
Prophylaxis of venous thrombosis and pulmonary embolism in patients with acute traumatic spinal cord lesions. Casas ER, et al. **Paraplegia** 14(3):178–83, Nov 76
The hemolytic uremic syndrome. Kaplan BS, et al. **Pediatr Clin North Am** 23(4):761–77, Nov 76 (87 ref.)
The role of coagulation and fibrinolysis in preeclampsia. Bonnar J, et al. **Perspect Nephrol Hypertens** 5:85–93, 1976
Heparin treatment in severe preeclampsia and glomerulonephritis in pregnancy. Fairley KF, et al. **Perspect Nephrol Hypertens** 5:103–12, 1976
Intravascular coagulation and fibrinolysis. Palmer RL. **Postgrad Med** 62(1):181–7, Jul 77
Therapeutics. Guidelines for heparin administration in thromboembolic disease. Prupas HM. **Postgrad Med** 62(2):157–61, Aug 77
A comparative study of dextran-70, warfarin and low-dose heparin for the prophylaxis of thrombo-embolism following total hip replacement. Barber HM, et al. **Postgrad Med J** 53(617):130–3, Mar 77
Histiocytic medullary reticulosis with hypogammaglobulinaemia and disseminated intravascular coagulation. Clarke PD, et al. **Postgrad Med J** 53(615):49–50, Jan 77
[Effect of low-dose-heparin and its control (author's transl)] Zanoni G. **Praxis** 65(16):477–80, 20 Apr 76 (Eng. Abstr.)
[Heparin prophylaxis in thrombo-embolic disease [editorial]. **S Afr Med J** 50(55):2143, 25 Dec 76
Postpartum haemolytic-uraemic syndrome. Sobel JD, et al. **S Afr Med J** 50(46):1860–2, 30 Oct 76
Prophylactic and therapeutic use of anticoagulants in inherited antithrombin III deficiency. Zucker ML, et al. **S Afr Med J** 50(43):1743–8, 9 Oct 76
Treatment of retained bile duct calculi with T-tube infusion of sodium cholate and heparin. Christiansen LA, et al. **Scand J Gastroenterol** 12(3):337–9, 1977
New techniques in the diagnosis of acute pulmonary embolism. Almér LO, et al. **Scand J Respir Dis [Suppl]** (85):176–80, 1974
Drug therapy of autoimmune hemolytic anemia. Murphy S, et al. **Semin Hematol** 13(4):323–34, Oct 76
Thrombolysis with a combination of small doses of streptokinase and full doses of heparin. Gallus AS, et al. **Semin Thromb Hemostas** 2(1):14–32, Jul 75
Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232–90, Apr 76 (207 ref.)
Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)
Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)
A multifaceted approach to prevention of thromboembolism: a report of 529 cases. Brady LP. **South Med J** 70(5):546–8, May 77
Massive intraperitoneal hemorrhage from ruptured corpus luteum during anticoagulant therapy. Krause JR, et al. **South Med J** 69(9):1220–1, Sep 76
Massive hemothorax complicating heparin anticoagulation for pulmonary embolus. Rostand RA, et al. **South Med J** 70(9):1128–30, Sep 77
Thermal trauma: therapeutic achievements and investigative horizons. Lloyd JR. **Surg Clin North Am** 57(1):121–38, Feb 77 (57 ref.)
Anticoagulation in the treatment of experimental peritonitis. Hau T, et al. **Surg Forum** 27(62):458–60, 1976
Influence of heparin and isoproterenol on ventilation and perfusion following pulmonary embolism. Jones RH, et al. **Surg Forum** 27(62):163–5, 1976
Fibrinolytic treatment of acute or subacute arterial thrombosis. Reichle FA, et al. **Surg Forum** 27(62):219–21, 1976
Soft tissue necrosis and gangrene complicating treatment with the coumarin derivatives. Bahadir I, et al. **Surg Gynecol Obstet** 145(4):497–500, Oct 77
Systemic heparin in major vascular operations [editorial]. Heimbecker RO. **Surg Gynecol Obstet** 144(5):753, May 77
Control and complications of intermittent heparin therapy. Norman CS, et al. **Surg Gynecol Obstet** 145(3):338–42, Sep 77
Microvascular anastomosis using a blood product sealant-adhesive. Pearl RM, et al. **Surg Gynecol Obstet** 144(2):227–31, Feb 77
A ten year study of heparin therapy for thrombophlebitis in ambulatory patients. Stillman RM, et al. **Surg Gynecol Obstet** 145(2):193–7, Aug 77
The present status of acute deep venous thrombosis.

Strandness DE Jr, et al. **Surg Gynecol Obstet** 145(3):433–45, Sep 77

Low dosage of heparin [editorial]. Tice DA. **Surg Gynecol Obstet** 143(6):970–1, Dec 76

The prevention of postoperative deep vein thrombosis and pulmonary embolism with low dose subcutaneous heparin and dextran. Verstraete M. **Surg Gynecol Obstet** 143(6):981–5, Dec 76

The prevention of deep vein thrombosis, with particular reference to mechanical methods of prevention. Cotton TL. **Surgery** 81(2):228–35, Feb 77 (64 ref.)

Intraoperative autotransfusion: an underutilized technique. Glover JL, et al. **Surgery** 80(4):474–9, Oct 76

Monitoring of intraoperative heparinization in vascular surgery. Manny J, et al. **Surgery** 80(5):641–3, Nov 76

Rationale and usefulness of heparinization: an overview. Palmer RL. **Tex Med** 73(5):68–72, May 77

Low-dose heparin and deep-vein thrombosis after total hip replacement. Mannucci PM, et al. **Thromb Haemostas** 36(1):157–64, 31 Aug 76

On the value of the activated partial thrombo-plastin time (aptt) in monitoring heparin therapy. Teien AN, et al. **Thromb Haemostas** 35(3):592–7, 30 Jun 76

Antithrombin III(AT-III) as a diagnostic aid in disseminated intravascular coagulation. Bick RL, et al. **Thromb Res** 10(5):721–9, May 77

Acetylsalicylic acid, low dose heparin, and a combination of both substances in the prevention of postoperative thromboembolism. A double blind study. Loew D, et al. **Thromb Res** 11(1):81–6, Jul 77

Review of present status of prophylaxis of venous thromboembolism. Kakkar VV. **Trans Med Soc Lond** 91:35–7, 1975

False positive reactions in dialysis patients [letter] DePena ME. **Transfusion** 17(3):289–90, May–Jun 77

Acute hemolytic transfusion reactions--a fresh look at pathogenesis and considerations regarding therapy. Goldfinger D. **Transfusion** 17(2):85–98, Mar–Apr 77

Cryoprecipitates as a source of fibrinogen in treatment of disseminated introvascular coagulation (DIC). Hattersley PG, et al. **Transfusion** 16(6):641–5, Nov–Dec 76

Disseminated intravascular coagulation [letter] Rubin RN. **Transfusion** 17(4):398–9, Jul–Aug 77

Adverse effect of ischemic companion kidney during ex vivo renal perfusion. Anderson CB, et al. **Transplant Proc** 9(3):1625–7, Sep 77

The prevention of deep vein thrombosis and pulmonary embolism by pharmacological methods. Browse NL. **Triangle** 16(1):29–32, 1977

Prevention of fatal post-operative pulmonary embolism. Kakkar VV. **Triangle** 16(1):63–7, 1977

The treatment of venous thrombosis: angiological aspects. Widmer LK. **Triangle** 16(1):47–61, 1977 (127 ref.)

Immunosuppressive drugs used in clinical renal transplantation. Chatterjee SN. **Urology** 9(6 Suppl):52–60, Jun 77*

Prevention of venous thromboembolism with low doses of heparin in urologic patients. Grgičević D, et al. **Urology** 9(3):260–2, Mar 77

Feline cardiovascular emergencies. Bonagura JD. **Vet Clin North Am** 7(2):385–406, May 77

Heparin prophylaxis for deep vein thrombosis and pulmonary embolism. Olcott C 4th. **West J Med** 125(3):187–90, Sep 76

Monitoring heparin therapy. Stevens DJ, et al. **Wis Med J** 76(3):33–6, Mar 77

[Effect of heparin and its derivatives on the blood sugar level and blood lipid fractions in diabetes mellitus] Markovski S. **Vutr Boles** 16(2):87–94, 1977 (Eng. Abstr.) **(Bul)**

[Control of heparin therapy through the examination of blood coagulation at the hand temperature] Pejchl S, et al. **Vnitr Lek** 22(11):1118–20, Nov 76 (Eng. Abstr.) **(Cze)**

[Thrombosis prevention with low dose heparin (editorial)] Gormsen J, et al. **Ugeskr Laeger** 139(11):669–70, Mar 77 **(Dan)**

[The case for more active prevention of deep-vein thrombosis after major surgery (author's transl)] Hubens A, et al. **Acta Chir Belg** 75(4):402–15, Jul 76 (Eng. Abstr.) **(Dut)**

[The treatment of severe tropical malaria] Smitskampen H, et al. **Ned Tijdschr Geneeskd** 120(35):1503–5, 28 Aug 76 (Eng. Abstr.) **(Dut)**

[DIC-syndrome. I. Physiopathology, diagnosis and treatment] Myllyla G, et al. **Duodecim** 92(19):1096–110, 1976 **(Fin)**

[Prophylaxis of postoperative deep vein thromboses by means of weak doses of subcutaneous heparin (author's transl)] Kraytman M, et al. **Acta Chir Belg** 75(5):519–29, Sep 76 (Eng. Abstr.) **(Fre)**

[Heparin treatment of crotilid bites. Experimental and clinical study] **Anesth Analg (Paris)** 33(1):147–153, Jan–Feb 76 **(Fre)**

[Macromolecules and prevention of postoperative thromboembolism] Gruber UF. **Anesth Analg (Paris)** 3(4):585–92, Jul–Aug 76 **(Fre)**

[Curative treatment of deep vein thrombosis of the legs (author's transl)] Serradimigni A, et al. **Ann Cardiol Angeiol (Paris)** 25 Suppl:411–9, Nov 76 (Eng. Abstr.) **(Fre)**

[Streptokinase and myocardial infarction: can fibrinolysis curb necrosis (author's transl)] Witchitz S, et al. **Ann Cardiol Angeiol (Paris)** 26(1):53–6, Jan–Feb 77 (Eng. Abstr.) **(Fre)**

[Prevention of deep venous thrombosis after operation with low dose subcutaneous heparin (author's transl)] Ansay J, et al. **Ann Chir** 31(3):263–7, Mar 77 (Eng. Abstr.) **(Fre)**

[Urokinase treatment of threatened and acute myocardial infarct] Babeau P, et al. **Ann Med Interne (Paris)** 128(2):219–25, Feb 77 **(Fre)**

[Subacute or chronic thromboembolism of the pulmonary artery.The role of fibrinolytic treatment (apropos of 9 cases)] Benaim R, et al. **Ann Med Interne (Paris)** 127(10):767–70, Oct 76 **(Fre)**

[Critical study of the treatment of lupic nephropathies] Mery JPh. **Ann Med Interne (Paris)** 128(1):9–15, Jan 77 (30 ref.) (Eng. Abstr.) **(Fre)**

[Massive pulmonary embolism Apropos of 26 embolectomies with definitive survival, 10 of them by Trendelenburg's operation] Eisenmann B, et al. **Arch Mal Coeur** 70(6):573–9, Jun 77 (Eng. Abstr.) **(Fre)**

[Acute arterial obliterations] Veroft R, et al. **Brux Med** 57(3):139–41, Mar 77 **(Fre)**

[Thrombolytics in venous thromboses of the retina] François P, et al. **Bull Soc Ophtalmol Fr** 76(3):271–4, Mar 76 **(Fre)**

[Critical study of the prevention of post-operative thrombosis by means of anticoagulants. Review of statistics on 5318 cases] Arnulf G, et al. **Chirurgie** 102(1):57–67, 14–28 Jan 76 (Eng. Abstr.) **(Fre)**

[Mountain frostbite. Apropos of 105 cases observed in the Hôpital de Chamonix-Mont-Blanc] Foray J, et al. **Chirurgie** 103(2):98–109, Feb 77 (Eng. Abstr.) **(Fre)**

[Thrombo-embolitic complications due to total hip prostheses. Results of preventive treatment using low-dose heparin therapy] Pasteyer J, et al. **J Chir (Paris)** 111(1):63–8, Jan 76 **(Fre)**

[Significance of preoperative subcutaneous heparin therapy in the prevention of thromboembolic complications of pelvic surgery] Guillemeteau R. **J Urol Nephrol (Paris)** 82(3):297–8, Mar 76 **(Fre)**

[Disseminated intravascular coagulation during cancer of the prostate with diffuse hematogenic dissemination] Conard J, et al. **Nouv Presse Med** 5(42):2867–8, 11 Dec 76 **(Fre)**

[Letter: Prevention of postoperative thromboembolism by calcium heparinate: standard or personalized treatment? (letter)] Forestier F, et al. **Nouv Presse Med** 5(34):2250–1, 16 Oct 76 **(Fre)**

[Acute consumption coagulopathies. 120 cases] Larcan A, et al. **Nouv Presse Med** 5(41):2771–6, 4 Dec 76 (Eng. Abstr.) **(Fre)**

[Pulmonary emboli during tropical pyomyositis. Proposal of a preventive treatment (letter)] Wierzbicki R, et al. **Nouv Presse Med** 6(4):279–80, 29 Jan 77 **(Fre)**

Kasabach-kasabach- Vergoz D, et al. **Phlebologie** 29(1):33–7, Jan–Mar 76 (Eng. Abstr.) **(Fre)**

[Deep venous thrombosis of the upper extremities (author's transl)] Goldstein M, et al. **Praxis** 65(46):1450–2, 16 Nov 76 (Eng. Abstr.) **(Fre)**

[Prophylaxis of Post-operative deep venous thrombosis using small sub-cutaneous heparin doses, associated or not with compressive stockings: comparative study and results (author's transl)] Moser G, et al. **Praxis** 65(33):1015–20, 17 Aug 76 (Eng. Abstr.) **(Fre)**

[Role of isotopic exploration in the surveillance of thromboembolic disease in orthopedics and traumatology. Therapeutic deductions apropos of 200 cases. Analysis of first results at the Center of Traumatology of Strasbourg] Kempf I, et al. **Rev Chir Orthop** 61 Suppl 2:191–8, 1975 **(Fre)**

[Treatment of venous thrombosis of limbs] Fiessinger JN, et al. **Rev Prat** 27(21):1335–8, 1343–4, 11 Apr 77 (21 ref.) (Eng. Abstr.) **(Fre)**

[Post-phlebitic disease and its treatment] Gruffaz J. **Rev Prat** 27(21):1349–52, 1357–8, 1361–2, 11 Apr 77 (28 ref.) (Eng. Abstr.) **(Fre)**

[Acute severe pulmonary embolism. Clinical and practical attitude] Jardin F, et al. **Rev Prat** 27(31):2023–7, 1 Jun 77 (14 ref.) (Eng. Abstr.) **(Fre)**

[Treatment of pulmonary embolism] Sharma GV, et al. **Rev Prat** 27(31):2031–9, 1 Jun 77 (13 ref.) **(Fre)**

[Current aspects of the prevention of venous thrombosis] Verstraete M. **Rev Prat** 27(21):1293–300, 11 Apr 77 (Eng.

Abstr.) (Fre)

[Prevention of postoperative deep vein thrombosis and pulmonary embolism by low-dose heparin injection or by dextran] Verstraete M. **Sem Hop Ther** 52(7-8):389-94, Sep-Oct 76 (Fre)

[Blood coagulation disorders in acute liver failure and substitution therapy (proceedings)] Kleinberger G, et al. **Acta Med Austriaca® [Suppl]** (3):216-7, 1976 (Ger)

[Disseminated intravascular coagulation: diagnosis and treatment on a medical intensive care unit (proceedings)] Pichler M, et al. **Acta Med Austriaca® [Suppl]** (3):214-6, 1976 (Ger)

[Diagnosis of acute acquired defects of coagulation and their therapy (author's transl)] Göbel EA. **Anaesthesist** 25(9):449-53, Sep 76 (Eng. Abstr.) (Ger)

[The disseminated intravascular coagulation. Diagnosis and therapy on a medical intensive care unit (author's transl)] Pichler M, et al. **Anaesthesist** 26(6):274-8, Jun 77 (Eng. Abstr.) (Ger)

[The influence of blood transfusions on changes of the coagulation in polytraumatized patients (author's transl)] Sefrin P, et al. **Anaesthesist** 26(6):288-94, Jun 77 (Eng. Abstr.) (Ger)

[Shock and shock management] Ahnefeld FW, et al. **Chirurg** 47(4):157-63, Apr 76 (Ger)

[Neuraminidase-induced hemolytic anemia. Diagnostic and therapeutic hints] Fischer K, et al. **Dtsch Med Wochenschr** 101(47):1731-3, 19 Nov 76 (Ger)

[Therapy of thrombophlebitis] May R. **Dtsch Med Wochenschr** 102(19):732-4, 13 May 77 (Ger)

[Therapeutic and preventive aspects in 'shock lung'] von Wichert P. **Dtsch Med Wochenschr** 102(12):444-5, 25 Mar 77 (Ger)

[Round table discussion on current problems in thrombolytic therapy] **Folia Haematol (Leipz)** 103(3):489-96, 1976 (Ger)

[Thrombolytic treatment in pregnancy and during labor] Brandt M, et al. **Folia Haematol (Leipz)** 103(3):477-82, 1976 (Ger)

[Biochemical and pharmacological principles of antithrombotic therapy] Markwardt F. **Folia Haematol (Leipz)** 103(3):293-312, 1976 (Ger)

[Thrombolytic therapy in pediatrics] Weinmann G, et al. **Folia Haematol (Leipz)** 103(3):472-6, 1976 (Ger)

[Traumatic shock. pathophysiology, treatment] Hartel W, et al. **Fortschr Med** 95(8):477-81, 24 Feb 77 (Ger)

[Postoperative and post-traumatic blood coagulation disorders. Diagnosis and treatment. 2. Treatment] Marx R. **Fortschr Med** 95(11):713-6, 17 Mar 77 (Ger)

[Prevention of postoperative thromboembolic complications with subcutaneously administered small doses of heparin] Matt EM, et al. **Fortschr Med** 95(10):669-76, 10 Mar 77 (Ger)

[Treatment of ulcus cruris. Clinical experiences using the Ulcrux cream and powder] Michael J. **Fortschr Med** 94(19):1148-51, 1 Jul 76 (Eng. Abstr.) (Ger)

[Differential diagnostic problems in pulmonary embolism caused by x-ray findings] Weinzierl M, et al. **Fortschr Med** 95(19):1287-90, 19 May 77 (Eng. Abstr.) (Ger)

[Prophylaxis of thromboembolic complications in gynecological surgery (author's transl)] Schorr DM, et al. **Geburtshilfe Frauenheilkd** 37(4):291-6, Apr 77 (Eng. Abstr.) (Ger)

[Pharmacologic aspects in the management of inner ear disease (author's transl)] Breuninger H. **HNO** 24(10):329-32, Oct 76 (Eng. Abstr.) (Ger)

[Influence of heparin therapy on the determination of lipase in serum (author's transl)] Oehler G, et al. **J Clin Chem Clin Biochem** 15(7):401-2, Jul 77 (Eng. Abstr.) (Ger)

[Intra- and postoperative prevention of thrombosis] Gruber UF, et al. **Klin Anaesthesiol Intensivther** 9:17-35, 1975 (Ger)

[Prophylaxis and therapy of shunt thrombosis in terminal renal insufficiency (author's transl)] Köhler H. **Klin Wochenschr** 55(2):49-56, 15 Jan 77 (Eng. Abstr.) (Ger)

[New aspects in the treatment of pneumonitis (author's transl)] Lennartz H, et al. **Langenbecks Arch Chir** 342:341-9, 15 Nov 76 (Eng. Abstr.) (Ger)

[Hepatic failure and disorders of coagulation (author's transl)] Ohler WG. **Leber Magen Darm** 7(4):270-6, Aug 77 (Eng. Abstr.) (Ger)

[Renal thrombotic microangiopathy with benign hypertension and uremia secondary to oral contraceptives (author's transl)] Brass H, et al. **Med Klin** 71(39):1617-22, 24 Sep 76 (Eng. Abstr.) (Ger)

[Treatment of glomerulonephritis with heparin (author's transl)] Quellhorst E, et al. **Med Klin** 72(22):981-7, 3 Jun 77 (Eng. Abstr.) (Ger)

[Bromureide intoxication with acute renal failure and bilateral deep vein thrombosis (author's transl)] Rumpf KW, et al. **Med Klin** 72(22):993-7, 3 Jun 77 (Eng. Abstr.) (Ger)

[Anticoagulant therapy in heart infarction?] Lasch HG. **Med Welt** 28(15):700-3, 15 Apr 77 (Ger)

[A case of coumarin necrosis following cesarean section] Schneider H, et al. **Med Welt** 28(9):432-3, 4 Mar 77 (Ger)

[Treatment of severe bacterial hospital infections of unknown etiology] Waldvogel FA. **Monatsschr Kinderheilkd** 125(5):275-9, May 77 (Ger)

[Arthro-Menthoneurin Gel in the treatment of locomotor system diseases] Steuber U. **Munch Med Wochenschr** 118(44):1433-4, 29 Oct 76 (Ger)

[Severe acute pancreatitis; course and response to intensive therapy (author's transl)] Hiotakis K. **Prakt Anaesth** 12(1):31-8, Feb 77 (Eng. Abstr.) (Ger)

[Anaesthesiological problems in donor-nephrectomie and kidney transplantation (author's transl)] Taube HD. **Prakt Anaesth** 12(2):123-7, Apr 77 (Eng. Abstr.) (Ger)

[Low-dose heparin in internal medicine. Report of a meeting in Luzern 1975 (author's transl)] Riedler GF. **Praxis** 66(19):573-9, 10 May 77 (Eng. Abstr.) (Ger)

[Prevention of thromboembolism with low-dose-heparin (author's transl)] Zanoni G. **Praxis** 65(16):471-6, 20 Apr 76 (Eng. Abstr.) (Ger)

[The role of the costo-clavicular compression syndrome within the framework of fibrinolytic therapy of deep arm-vein thrombosis] Fritschy J, et al. **Schweiz Med Wochenschr** 106(25):847-53, 19 Jun 76 (Eng. Abstr.) (Ger)

[Freshly frozen preserved plasma for the treatment of intravascular coagulation in polytraumatized patients] Hehne HJ, et al. **Schweiz Med Wochenschr** 106(20):671-6, 15 May 76 (Eng. Abstr.) (Ger)

[Blood coagulation and its disorders in portal hypertension] Lasch HG. **Verh Dtsch Ges Inn Med** 82 Pt 1:190-8, 1976 (Ger)

[The therapeutic management of consumption coagulopathy in progressive liver cirrhosis: low-dosage heparin therapy (author's transl)] Fischer M, et al. **Wien Klin Wochenschr** 88(15):488-94, 13 Aug 76 (Eng. Abstr.) (Ger)

[Disseminated intravascular coagulation in Reye's syndrome (author's transl)] Muntean W, et al. **Wien Klin Wochenschr** 89(2):58-61, 21 Jan 77 (Eng. Abstr.) (Ger)

[Prevention of postoperative thrombosis] Vinazzer H. **Wien Med Wochenschr** 127(6):191-4, 30 Mar 77 (19 ref.) (Ger)

[Simple therapeutic emergency technic in priapism] Burghele T. **Z Aerztl Fortbild (Jena)** 70(6):278-9, 15 Mar 76 (Ger)

[Homologous liver and liver-kidney transplantation--experimental study] Rigler B. **Z Exp Chir** 9(5):262-81, Oct 76 (Eng. Abstr.) (Ger)

[Treatment of hemostasis disorders in liver diseases:prothrombin-complex concentrates] Fischer M. **Z Gastroenterol** 14(6):650-3, Oct 76 (Eng. Abstr.) (Ger)

[Immunological determination of blood coagulation factors and their importance in the liver diagnosis] Breddin K, et al. **Z Gastroenterol [Verh]** (8):154-62, 1976 (Ger)

[Possibilities of drug-induced prevention of thrombosis with special reference to pre-, per- and postoperative time of treatment] Fisher M. **Zentralbl Chir** 102(8):449-58, 1977 (40 ref.) (Eng. Abstr.) (Ger)

[Septic shock (author's transl)] Schmidt D. **Zentralbl Chir** 101(18):1089-102, 1976 (43 ref.) (Ger)

[Blood coagulation in newborns (author's transl)] Verron G, et al. **Zentralbl Chir** 101(26):1601-6, 1976 (Eng. Abstr.) (Ger)

[Therapeutic communication on the clinical testing of a new venous gel] Zimmermann O. **ZFA (Stuttgart)** 53(9):510-1, 31 Mar 77 (Ger)

[Acute adrenal insufficiency complicating anticoagulant therapy] Dagan R, et al. **Harefuah** 91(5-6):126-7, Sep 76 (Eng. Abstr.) (Heb)

[Disseminated intravascular coagulation and primary fibrinolysis in acute leukemia] Gafter U, et al. **Harefuah** 92(5):212-4, 1 Mar 77 (Eng. Abstr.) (Heb)

[Surgical correction of atrial septal defect indicated by deep vein thrombosis] Békássy S, et al. **Orv Hetil** 118(19):1115-6, 8 May 77 (Hun)

[Medical treatment of EPH-gestosis] Massobrio M, et al. **Ann Ostet Ginecol Med Perinat** 98(2):76-96, Mar-Apr 77 (90 ref.) (Eng. Abstr.) (Ita)

[Disseminated intravascular coagulation as a complication of shock] Bottari M, et al. **Atti Accad Med Lomb** 28(1-4):5-8, 1973 (Ita)

[Prinzmetal's variant angina: observations on 46 cases] Foresti A, et al. **Boll Soc Ital Cardiol** 20(9):957–62, 1975 **(Ita)**

[Prevention of thrombosis: current status and prospects] Neri Serneri GG. **Cardiol Prat** 27(2):71–6, Jul–Dec 76 (46 ref.) **(Ita)**

[Progressive renal insufficiency and rapid development of glomerular and vascular nephropathies. II.] Gessler U, et al. **Clin Ter** 81(2):89–109, 30 Apr 77 (139 ref.) (Eng. Abstr.) **(Ita)**

[Oral anticoagulants, dextran or low-dose subcutaneous heparin: which drug should be used for prevention of deep venous thrombosis in patients undergoing surgery?] Verstraete M. **Clin Ter** 81(4):291–7, 31 May 77 (Eng. Abstr.) **(Ita)**

[Surgical treatment and prevention of acute deep venous thrombosis] Conti A. **Minerva Chir** 31(10):523–32, 31 May 76 **(Ita)**

[Reversibility of the uremic syndrome during a course of lupus kidney disease] Vercellone A, et al. **Minerva Nefrol** 23(1):53–68, Jan–Feb 76 (Eng. Abstr.) **(Ita)**

[Hemorrhagic manifestations secondary to consumption coagulopathy in a patient with Cooley's disease. Their treatment with heparin] Bertorello CF, et al. **Minerva Pediatr** 29(22):1423–6, 23 Jun 77 **(Ita)**

[Consumption coagulopathy and the respiratory insufficiency syndrome in newborn and premature infants. Heparin treatment in 50 cases] Console V, et al. **Minerva Pediatr** 29(17):1169–74, 12 May 77 **(Ita)**

[Therapeutic considerations on 2 cases of disseminated intravascular coagulation syndrome during a course of intracranial hemorrhage in the newborn infant] Raponi S, et al. **Minerva Pediatr** 28(38):2409–11, 1 Dec 76 (Eng. Abstr.) **(Ita)**

[Heparin therapy of lupus-nephritis. Clinical case] Tamborino G, et al. **Minerva Pediatr** 29(8):505–8, 10 Mar 77 **(Ita)**

[Heparin therapy in rapidly progressive glomerulonephritis] Tamborino G, et al. **Minerva Pediatr** 29(8):499–503, 10 Mar 77 **(Ita)**

[Physiopathology, clinical aspects and therapy of shock in meningococcic sepsis] Simeoni S, et al. **Recent Prog Med (Roma)** 60(2):131–54, Feb 76 (169 ref.) (Eng. Abstr.) **(Ita)**

[Activated coagulation time under heparin therapy in surgical diseases (author's transl)] Matsuda M, et al. **Arch Jpn Chir** 46(2):113–20, 1 Mar 77 (Eng. Abstr.) **(Jpn)**

[Disseminated intravascular coagulation (DIC)] Matsuda T. **Jpn J Clin Hematol** 17(11):1139–52, 30 Nov 76 **(Jpn)**

[Subcutaneous heparin in prevention of post-operative thrombosis] Godal HC, et al. **Tidsskr Nor Laegeforen** 96(25):1332–3, 10 Sep 76 **(Nor)**

[Use of heparin in pregnancy] Stormorken H. **Tidsskr Nor Laegeforen** 97(1):30, 10 Jan 77 **(Nor)**

[Pathogenesis and treatment of bacterial osteomyelitis in the light of personal studies] Bartkowski S. **Czas Stomatol** 30(2):157–62, Feb 77 (Eng. Abstr.) **(Pol)**

[Heparin treatment of corneal marginal syndromes (author's transl)] Horodeńscy J, et al. **Klin Oczna** 47(3):139–40, Mar 77 (Eng. Abstr.) **(Pol)**

[Analysis of arterial traumas in our records] Grenda J, et al. **Pol Przegl Chir** 48(12):1507–11, Dec 76 (Eng. Abstr.) **(Pol)**

[Disseminated intravascular coagulation following surgery for ovarian cyst in a patient with thrombocytopenia cured with heparin] Janda R, et al. **Pol Tyg Lek** 32(9):367–8, 28 Feb 77 (Eng. Abstr.) **(Pol)**

[Theoretical and experimental basis for heparin treatment of glomerulonephritis] Szewczyk Z, et al. **Pol Tyg Lek** 32(29):1129–31, 18 Jul 77 (24 ref.) **(Pol)**

[Heparin in glomerulonephritis] Szewczyk Z, et al. **Pol Tyg Lek** 32(35):1357–60, 29 Aug 77 (Eng. Abstr.) **(Pol)**

[Histochemical studies of lysosomal hydrolases of dog pancreas in the course of acute experimental pancreatitis treated with heparin and glucagon] Bajko K. **Rocz Akad Med Bialymstoku** 21:37–48, 1977 (Eng. Abstr.) **(Pol)**

[An unusual case of small intestine infarction of venous origin] Andreoiu C, et al. **Rev Chir [Chir]** 26(1):59–61, Jan–Feb 77 (Eng. Abstr.) **(Rum)**

[Therapeutic considerations on severe leptospirosis] Prodrom I, et al. **Rev Ig [Bacteriol]** 21(4):241–5, Oct–Dec 76 (Eng. Abstr.) **(Rum)**

[Toxico-septic shock, Round-table discussion. Jassy, 26 April, 1975] **Rev Med Chir Soc Med Nat Iasi** 80(1):131–58, Jan–Mar 76 **(Rum)**

[Anticoagulants in prevention and treatment of pulmonary thromboembolic diseases] Gherasim L. **Rev Med Intern [Med Intern]** 28(5):335–41, Sep–Oct 76 **(Rum)**

[Treatment with platelet aggregation inhibitors in renal diseases] Nestor G. **Rev Med Intern [Med Intern]** 28(6):429–34, Nov–Dec 76 (Eng. Abstr.) **(Rum)**

[Anticoagulants in coronary disease] Popescu P. **Rev Med Intern [Med Intern]** 28(5):329–34, Sep–Oct 76 **(Rum)**

[Catheter septicemia caused by gram negative bacteria in infants: clinical aspects and therapy] Taindel Cl, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 25(4):289–96, Oct–Dec 76 **(Rum)**

[Effect of unsaturated fatty acids, vitamin A and heparin on the initial stages of thrombin-131I clearance and the functional state of the anticoagulant system of animals following its depression by an atherogenic diet] Bazaz'ian GG, et al. **Biol Nauki** (4):69–74, 1977 **(Rus)**

[Development of the graft versus host reaction and its influence on pregnancy in mice following heparin administration] Fedosov EA. **Biull Eksp Biol Med** 83(3):312–5, Mar 77 (Eng. Abstr.) **(Rus)**

[Effect of heparin and trasylol on morphological and certain functional changes in experimental peritonitis] Popov VA. **Eksp Khir Anesteziol** (6):42–5, Nov–Dec 75 **(Rus)**

[Changes of the thrombagglutination test in coronary disease after treatment with heparin] Atanasov K, et al. **Kardiologiia** 17(5):142–3, May 77 **(Rus)**

[State of microcirculatory hemostasis in arterial hypertension and its changes under the effect of heparin] Pavlishchuk SA. **Kardiologiia** 17(5):45–9, May 77 (Eng. Abstr.) **(Rus)**

[Effect of heparin on muscle blood flow in obliterating diseases of the vessels of the lower extremities] Bogoliubov VM, et al. **Khirurgiia (Mosk)** (8):79–82, Aug 76 (Eng. Abstr.) **(Rus)**

[Intensive therapy of patients with cavernous sinus thrombosis] Lubenskiĭ IuM, et al. **Khirurgiia (Mosk)** (1):33–5, Jan 77 (Eng. Abstr.) **(Rus)**

[Long-term intra-arterial therapy in complex treatment of anaerobic gangrene] Mart'ianov SG. **Khirurgiia (Mosk)** (6):72–4, Jun 76 **(Rus)**

[Intra-arterial infusions in the treatment of obliterating diseases of the arteries of the lower limbs] Parakhoniak VI, et al. **Khirurgiia (Mosk)** (11):104–8, Nov 76 (Eng. Abstr.) **(Rus)**

[Prevention of postoperative thromboembolic complications (a review of the literature)] Pavlovskiĭ DP, et al. **Khirurgiia (Mosk)** (5):124–30, May 77 (126 ref.) **(Rus)**

[Transfusion of fresh heparinized blood in acute blood loss] Zakashanskiĭ IG, et al. **Khirurgiia (Mosk)** (1):93–5, Jan 77 (Eng. Abstr.) **(Rus)**

[Specific features of blood coagulation system and fibrinolysis in patients with glomerulonephritis against the background of heparin treatment] Panchenko VM, et al. **Klin Med (Mosk)** 55(5):116–22, May 77 **(Rus)**

[Use of heparin in glomerulonephrite] Shul'tsev GP, et al. **Klin Med (Mosk)** 54(1):61–7, Jan 76 (Eng. Abstr.) **(Rus)**

[Intravascular blood clotting-component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**

[Effect of heparin on active transport of glucose in the small intestine in the presence of peritonitis] Popov VA. **Patol Fiziol Eksp Ter** (3):75–6, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Influence of heparin on the development of nephrotoxic glomerulonephritis in rats] Samoĭlova ZT, et al. **Patol Fiziol Eksp Ter** (3):63–6, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Effect of heparin on the course of blood transfusion complications caused by the transfusion of incompatible blood] Monastyrskiĭ VA, et al. **Probl Gematol Pereliv Krovi** 22(7):42–8, Jul 77 (Eng. Abstr.) **(Rus)**

[Effect of heparin on repair processes in irradiated organisms] Lukashin BP, et al. **Radiobiologiia** 16(6):852–6, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Heparin treatment of microcirculatory disorders in acute surgical diseases of the abdominal organs] Khomenko NM, et al. **Sov Med** (9):30–2, 1976 (Eng. Abstr.) **(Rus)**

[Role of hemostasis in the development and prevention of pneumonia in patients with acute poisoning] Luzhnikov EA, et al. **Sov Med** (9):146–8, 1976 **(Rus)**

[Heparin in the treatment of severe forms of viral hepatitis] Pateiuk VG, et al. **Sov Med** (5):33–6, May 77 (Eng. Abstr.) **(Rus)**

[Changes in fibrinolysis system in patients with acute myocardial infarction in intracoronary administration of fibrinolysin with heparin] Andreenko GV, et al. **Ter Arkh** 49(4):8–13, 1977 (Eng. Abstr.) **(Rus)**

[Long-term clinical-dispensary treatment of patients with systemic scleroderma] Grinberg NB, et al. **Ter Arkh** 48(6):115–9, 1976 (Eng. Abstr.) **(Rus)**

[Polarizing mixtures in emergency cardiology] Matveĭkov GP, et al. **Ter Arkh** 48(10):32–8, 1976 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the saluretic effect of furosemide, sodium bicarbonate and heparin. Shul'tsev GP, et al. **Ter Arkh** 48(7):107–13, 1976 (Eng. Abstr.) **(Rus)**

[Several indications for heparin therapy in pneumonia] Skipskiĭ IM. **Ter Arkh** 49(3):125–6, 1977 **(Rus)**

[Treatment of lupus nephritis with heparin and curantil] Tareeva IE, et al. **Ter Arkh** 48(7):114–6, 1976 **(Rus)**

[Stage-by-stage treatment of patients with chronic glomerulonephritis] Androsova SO, et al. **Urol Nefrol (Mosk)** (2):18–23, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Treatment of chronic prostatitis with proteolytic enzymes and heparin] Ivdra PP. **Urol Nefrol (Mosk)** (1):44–6, Jan–Feb 76 (Eng. Abstr.) **(Rus)**

[Functional state of the kidneys in experimental immune nephritis during the use of heparin, urokinase and uroplasmin] Monastyrskiĭ VA, et al. **Urol Nefrol (Mosk)** (4):23–5, Jul–Aug 77 (Eng. Abstr.) **(Rus)**

[Thromboses in children] Bilkin AI. **Vestn Khir** 116(1):88–90, Jan 76 **(Rus)**

[Certain disputable problems in the treatment of cold-induced injury] Dubiaga AN, et al. **Vestn Khir** 117(9):64–9, Sep 76 **(Rus)**

[Syndrome of post-traumatic pulmonary insufficiency ('shock lung') (review of the literature)] Shraĭber MG, et al. **Vestn Khir** 118(1):135–41, Jan 77 (55 ref.) **(Rus)**

[State of the blood coagulation system an anticoagulants in complex treatment of chorioretinal dystropies] Tartakovskaia AI, et al. **Vestn Oftalmol** (1):74–7, 1977 **(Rus)**

[Intracarotid therapy of septic thrombosis of the cavernous sinuses] Nenashev IE, et al. **Vestn Otorinolaringol** (5):68–71, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Aspects of pathogenesis, clinical picture and therapy of premature separation of normally located placenta] Repina MA. **Vopr Okhr Materin Det** 22(5):55–9, May 77 (Eng. Abstr.) **(Rus)**

[Hemolytic-uremic syndrome in children] Sitintskaia IG, et al. **Vopr Okhr Materin Det** 22(6):75–6, Jun 77 **(Rus)**

[Therapeutic effect of heparin and its combination with sigetin in experimental utero-placental circulatory disorders] Vartanian MM. **Vopr Okhr Materin Det** 22(1):76–9, Jan 77 (Eng. Abstr.) **(Rus)**

[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**

[Use of heparin in the complex treatment of lupus nephritis in children] Kartasheva VI, et al. **Vopr Revm** (1):35–41, Jan–Mar 76 (Eng. Abstr.) **(Rus)**

[State of blood coagulation in patients with collagenosis] Dashtaiants GA, et al. **Vrach Delo** (10):73–5, Oct 76 (Eng. Abstr.) **(Rus)**

[Use of heparin in pulmonary tuberculosis and non-specific diseases] Duzhiĭ ID, et al. **Vrach Delo** (7):62–4, Jul 77 **(Rus)**

[Effect of heparin electrophoresis on myocardial function in patients with arteriosclerosis] Shustval' NF. **Vrach Delo** (8):60–3, Aug 76 (Eng. Abstr.) **(Rus)**

[State of capillary permeability and some factors of its regulation in patients with ischemic heart disease] Shustval' NF. **Vrach Delo** (5):66–71, May 77 (Eng. Abstr.) **(Rus)**

[Effect of heparin on the activity of the rheumatic process in patients with sluggish rheumocarditis] Vitruk SK. **Vrach Delo** (2):45–50, Feb 77 (Eng. Abstr.) **(Rus)**

[Lipoprotein metabolism disorders in hypertension with a cerebral syndrome and their diagnostic value for medico-occupational expertise] Kukhtevich II, et al. **Zh Nevropatol Psikhiatr** 76(8):1153–6, 1976 (Eng. Abstr.) **(Rus)**

[Therapeutic effectiveness of anticoagulants in the acute phase of cerebral infarction] Levin GZ, et al. **Zh Nevropatol Psikhiatr** 77(1):24–31, 1977 (Eng. Abstr.) **(Rus)**

[Disorders in lipoprotein metabolism indices in cerebral atherosclerosis, their importance for diagnosis and medical-occupational expertise] Mitsenko MD, et al. **Zh Nevropatol Psikhiatr** 77(7): 998–1003, 1977 (Eng. Abstr.) **(Rus)**

[Anticoagulants in the treatment of ischemic stroke] Vilenskiĭ BS. **Zh Nevropatol Psikhiatr** 77(1):31–6, 1977 (Eng. Abstr.) **(Rus)**

[Substantiation of heparin and fibrinolysin therapy for treatment of stenosal suppurative fibrinous and ulcero-necrotic laringotracheobronchitis] Feigina LN, et al. **Zh Ushn Nos Gorl Bolezn** (6):55–8, 1976 (Eng. Abstr.) **(Rus)**

[Procedure for the treatment of varicose veins in pregnancy] Tonković I, et al. **Acta Chir Iugosl** 24(1 Suppl):401–2, 1977 **(Scr)**

[Acute pancreatitis] Zakeli V. **Acta Chir Iugosl** 24(1 Suppl):17–20, 1977 **(Scr)**

[Analyses of cases of retinal vessel occlusions at the Ophthalmologic Clinic in Sarajevo with special regard to etiology and therapy] Mastilović B, et al. **Med Arh** 30(4):225–8, Jul–Aug 76 **(Scr)**

[Pathophysiological characteristics of cerebrovascular disease and principles of conservative treatment] Bokonjić R. **Med Arh** 30(2):87–93, Mar–Apr 76 (Eng. Abstr.) **(Ser)**

[Significance of regional heparinization during hemodialysis] Košlík S, et al. **Vnitr Lek** 22(10):981–6, Oct 76 (Eng. Abstr.) **(Slo)**

[Renal venous thrombosis treatment in the newborn (author's transl)] Ruza F, et al. **An Esp Pediatr** 10(4):333–40, Apr 77 (Eng. Abstr.) **(Spa)**

[Continuous infusion of heparin in newborn infants with disseminated intravascular coagulation] Castañeda N, et al. **Bol Med Hosp Infant Mex** 34(2):527–35, Mar–Apr 77 (Eng. Abstr.) **(Spa)**

[Streptokinase in myocardial infarct] Lasierra Cirujeda L, et al. **Rev Clin Esp** 144(4):251–7, 28 Feb 77 (Eng. Abstr.) **(Spa)**

[Paroxismal nocturnal hemoglobinuria (author's transl)] Berdichevsky E, et al. **Rev Med Chil** 104(12):917–20, Dec 76 (Eng. Abstr.) **(Spa)**

[The effect of heparin and high molecular dextran (HMD) on tumour metastases] Agostino D. **Sangre (Barc)** 21(3):413–20, 1976 (Eng. Abstr.) **(Spa)**

[Treatment of thrombosis during pregnancy] Astedt B. **Lakartidningen** 74(18):1829–30, 4 May 77 **(Swe)**

[Acute heparin therapy--standard dose or dosage according to individual sensitivity?] Ygge J. **Lakartidningen** 74(10):921–4, 9 Mar 77 (Eng. Abstr.) **(Swe)**

[Prevention of thrombosis and embolism in the obstetrics and gynecology clinic; review of the literature] Mikhaĭlenko ET, et al. **Pediatr Akush Ginekol** (4):33–6, Jul–Aug 76 **(Ukr)**

[Hemostatic disorders in obstetrics and their correction] Mikhaĭlenko ET, et al. **Pediatr Akush Ginekol** (2):33–8, Mar–Apr 77 **(Ukr)**

[Use of hemostatic preparations in obstetrical hemorrhages] Pavlovskiĭ DP, et al. **Pediatr Akush Ginekol** (1):33–7, Jan–Feb 76 **(Ukr)**

[Basis for the pathogenetic treatment of late pregnancy toxicoses] Stepankivskaia GK, et al. **Pediatr Akush Ginekol** (1):38–42, Jan–Feb 77 **(Ukr)**

[Effect of heparin on nitrogen metabolism in the myocardium of dogs under normal conditions and following an experimental myocardial infarct] Fetisova TV, et al. **Ukr Biokhim Zh** 49(1):107–12, Jan–Feb 77 (Eng. Abstr.) **(Ukr)**

TOXICITY

[Metabolic effects and myocardial activity of heparin. Experimental research] Rognoni F, et al. **Boll Soc Ital Cardiol** 20(12):1693–8, 1975 **(Ita)**

URINE

Migraine therapy with heparin: pathophysiologic basis. Thonnard-Neumann E. **Headache** 16(6):284–92, Jan 77

HEPARIN ANTAGONISTS

Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)

Reversal of heparin action after cell separation [letter]. Buskard NA. **N Engl J Med** 295(12):677, 16 Sep 76

Oxygen consumption, platelet aggregation and release reactions in platelets freeze-preserved with dimethylsulfoxide. Spector JI, et al. **Transfusion** 17(2):99–109, Mar–Apr 77

[Behavior of the heparinocytes after gold therapy] Frick G, et al. **Folia Haematol (Leipz)** 103(5):701–6, 1976 (Eng. Abstr.) **(Ger)**

[Effect of vitamin C on heparin activity in patients with chronic renal failure treated with hemodiaglysis] Chmielewska J, et al. **Pol Tyg Lek** 32(28):1079–80, 11 Jul 77 (Eng. Abstr.) **(Pol)**

[Effect of leukocytes of healthy persons on blood coagulation] Mel'nikov AF, et al. **Lab Delo** (2):78–81, 1977 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

ANALYSIS

[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

BLOOD

Heparin-like inhibitor, not vitamin-K deficiency, in the newborn [letter]. van Doorm JM, et al. **Lancet** 1(8016):852–3, 16 Apr 77

Evaluation of an amidolytic heparin assay method: increased sensitivity by adding purified antithrombin III. Teien AN, et al. **Thromb Res** 10(3):399–410, Mar 77

[On the problem of antiheparin activity in disorders of haemastasis (author's transl)] Cieslar P, et al. **Sb Lek** 78(10):277–85, Oct 76 (Eng. Abstr.) **(Cze)**

ISOLATION & PURIFICATION

[Antiheparin immunoglobulin in malignant lymphoma with hypertriglyceridemia, in the hamster] Beaumont JL, et al. **C R Acad Sci [D] (Paris)** 283(11 D):1369–72, 8 NOV 76 (Eng. Abstr.) **(Fre)**

METABOLISM

Murine tumor cell activity on in vitro hemostasis. Cattan A, et al. **Biomedicine** 25(7):252–4, 30 Sep 76

PHYSIOLOGY

[Activity of leukocytic factors of blood coagulation in chronic coronary insufficiency] Mel'nikov AF, et al. **Kardiologiia** 17(5):49–52, May 77 **(Rus)**

HEPARIN CO-FACTOR

Antithrombin III deficiency causing postsplenectomy mesenteric venous thrombosis coincident with thrombocytopenia. Peters TG, et al. **Ann Surg** 185(2):229–31, Feb 77

Structural requirements for the interaction of heparin with antithrombin III. Riensenfeld J, et al. **Fed Proc** 36(1):39–43, Jan 77

Antithrombin–heparin cofactor. Damus PS, et al. **Methods Enzymol** 45:653–69, 1976

Prophylactic and therapeutic use of anticoagulants in inherited antithrombin III deficiency. Zucker ML, et al. **S Afr Med J** 50(43):1743–8, 9 Oct 76

Heparin cofactor activity and antithrombin III concentration in plasma related to age and sex. Odegärd OR, et al. **Scand J Haematol** 17(4):258–62, Oct 76

The interaction of platelets with a tritium-labelled heparin. Shanberge JN, et al. **Thromb Res** 9(6):595–609, Dec 76

ANALYSIS

Familial thrombosis due to antithrombin III deficiency in a Greek family. Stathakis NE, et al. **Acta Haematol (Basel)** 57(1):47–54, 1977

Antifactor Xa activity measured with amidolytic methods. Odegård OR, et al. **Haemostasis** 5(5):265–75, 1976

Antithrombin activity and antithrombin III concentration: evaluation by different methods. pp. 103–8. Aiach M, et al.
In: Siest G, Young DS, ed. Drug interference and drug measurement in clinical chemistry. Basel, Karger, 1976. QV 38 I602 1975d.

Heparin cofactor activity and antithrombin III concentration in plasma related to age and sex. Odegärd OR, et al. **Scand J Haematol** 17(4):258–62, Oct 76

[Disorders of blood coagulatiion during haemoperfusion (author's transl)] Niessner H, et al. **Wien Klin Wochenschr** 89(10):347–50, 13 May 77 (Eng. Abstr.) **(Ger)**

[Exogenous heparin and antithrombin activity (author's transl)] Nakagawa M, et al. **Acta Haematol Jpn** 40(2):207–12, Apr 77 (Eng. Abstr.) **(Jpn)**

DEFICIENCY

Severe antithrombin III deficiency in an infant associated with multiple arterial and venous thromboses. Mendelsohn G, et al. **Thromb Haemostas** 36(3):495–502, 31 Dec 76

ISOLATION & PURIFICATION

Metabolism of antithrombin III (heparin cofactor) in man: effects of venous thrombosis and of heparin administration. Collen D, et al. **Eur J Clin Invest** 7(1):27–35, Feb 77

The function of heparin. pp. 101–19. Rosenberg RD.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Antithrombin–heparin cofactor. Damus PS, et al. **Methods Enzymol** 45:653–69, 1976

[Antithrombin III deficiency and tendency to thrombosis (author's transl)] Lechner K, et al. **Wien Klin Wochenschr** 89(7):215–22, 1 Apr 77 (Eng. Abstr.) **(Ger)**

Purification and physicochemical properties of antithrombin. (heparin cofacter) (author's transl)] Igarashi M, et al. **Acta Haematol Jpn** 40(2):202–6, Apr 77 (Eng. Abstr.) **(Jpn)**

METABOLISM

Binding of heparin to human antithrombin III as studied by measurements of tryptophan fluorescence. Einarsson R, et al. **Biochim Biophys Acta** 490(1):104–11, 25 Jan 77

Methods for semi micro or automated determination of thrombin, antithrombin, and heparin cofactor using he substrate, H-D-Phe-Pip-Arg-p-nitroanilide-2HCl. Scully MF, et al. **Clin Chim Acta** 79(3):595–602, 15 Sep 77

Metabolism of antithrombin III (heparin cofactor) in man: effects of venous thrombosis and of heparin administration. Collen D, et al. **Eur J Clin Invest** 7(1):27–35, Feb 77

Standards for heparin. pp. 49–57. Brozović M, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Antithrombin activity and antithrombin III concentration: evaluation by different methods. pp. 103–8. Aiach M, et al.
In: Siest G, Young DS, ed. Drug interference and drug measurement in clinical chemistry. Basel, Karger, 1976. QV 38 I602 1975d.

Antithrombins: clinical aspects, chemical and biologic properties. Penner JA, et al. **Prog Clin Biol Res** 5:277–300, 1976 (108 ref.)

Antifactor Xa activity in thrombophilia. Studies in a family with Ar-III deficiency. Odegård OR, et al. **Scand J Haematol** 18(2):86–90, Feb 77

Regulation of the thrombin time in cirrhosis. Braunstein KM, et al. **Thromb Res** 9(4):301–17, Oct 76

Pharmacokinetics of heparin after a single intravenous or subcutaneous injection] Mombelli G, et al. **Schweiz Med Wochenschr** 107(23):810–5, 11 Jun 77 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Studies on the mechanism of heparin action by modification of its structure. Danishefsky I. **Fed Proc** 36(1):33–5, Jan 77

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

The function of heparin. pp. 101–19. Rosenberg RD.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Inhibition of activated factor XII by antithrombin–heparin cofactor. Stead N, et al. **J Biol Chem** 251(21):6481–8, 10 Nov 76

Inactivation of alpha- and beta- thrombin by antithrombin-III and heparin. Machovich R, et al. **Thromb Haemostas** 36(3):503–8, 31 Dec 76

Studies on human plasma antithrombin isolated on heparin gel. Medén-Britth G, et al. **Thromb Res** 9(4):369–78, Oct 76

PHYSIOLOGY

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

Purification and physicochemical properties of antithrombin. (heparin cofacter) (author's transl)] Igarashi M, et al.

Acta Haematol Jpn 40(2):202–6, Apr 77 (Eng. Abstr.) **(Jpn)**

[Inhibition mechanism to thrombin by antithrombins (author's transl)] Nishibe H. **Jpn J Clin Pathol** 24(5):425–8, May 76 **(Jpn)**

HEPARINOID

ADMINISTRATION & DOSAGE

[Controlled study on the efficacy of external treatment in surface-near thrombophlebitis] Schedel F, et al. **Fortschr Med** 95(23):1557–60, 16 Jun 77 (Eng. Abstr.) **(Ger)**

[Experiences with a high-dose heparinoid ointment] Grotz J. **Med Monatsschr** 30(12):565–6, Dec 76 **(Ger)**

[Infrared thermography for the demonstration of a heparinoid-effect on the human skin] Böttger EM, et al. **Z Hautkr** 52(14):743–8, 15 Jul 77 **(Ger)**

ANALYSIS

[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

PHARMACODYNAMICS

A heparinoid cream and tissue fibrinolysis. Risberg B, et al. **Br Med J** 2(6047):1297, 27 Nov 76

Comparison of a natural heparinoid with sodium and calcium heparin for their effect on the inhibitor of activated factor X. Mannucci PM, et al. **Experientia** 32(11):1478–80, 15 Nov 76

Heparin, heparinoids and blood coagulation. pp. 121–4. Yin ET, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Mineralocorticoids in normal pregnancy. Ehrlich EN, et al. **Perspect Nephrol Hypertens** 5:189–201, 1976

[Infrared thermography for the demonstration of a heparinoid-effect on the human skin] Böttger EM, et al. **Z Hautkr** 52(14):743–8, 15 Jul 77 **(Ger)**

[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

THERAPEUTIC USE

The treatment of haemorrhoids: a multicentre clinical trial. Clyne MJ. **Practitioner** 218(1307):706–7, May 77

[A double blind clinical trial in cases of cvi with doxivenil gel and another gel containing only a heparinoid (authors transl)] Berson I. **Praxis** 65(32):991–3, 10 Aug 76 (Eng. Abstr.) **(Fre)**

[Controlled study on the efficacy of external treatment in surface-near thrombophlebitis] Schedel F, et al. **Fortschr Med** 95(23):1557–60, 16 Jun 77 (Eng. Abstr.) **(Ger)**

[Experiences with a high-dose heparinoid ointment] Grotz J. **Med Monatsschr** 30(12):565–6, Dec 76 **(Ger)**

[Lemuval in the treatment of perianal eczema] Andreev VC, et al. **Z Hautkr** 51(10):383–6, 15 May 76 **(Ger)**

[Infrared thermography for the demonstration of a heparinoid-effect on the human skin] Böttger EM, et al. **Z Hautkr** 52(14):743–8, 15 Jul 77 **(Ger)**

[A role of brain in cell-mediated immunity and non-specific immunotherapy of brain tumors (author's transl)] Kurisaka M, et al. **Neurol Med Chir (Tokyo)** 16(4 pt 2):349–56, Jul 76 **(Jpn)**

HIRUDIN

Hirudin. Bagdy D, et al. **Methods Enzymol** 45:669–78, 1976

Reactions of polylysine with human platelets in plasma and in suspensions of washed platelets. Guccione MA, et al. **Thromb Haemostas** 36(2):360–75, 30 Nov 76

ISOLATION & PURIFICATION

Hirudin. Bagdy D, et al. **Methods Enzymol** 45:669–78, 1976

[Purification of hirudin by the method of isoelectric focusing] Baskova IP, et al. **Biokhimiia** 41(5):939–41, May 76 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Thrombin activation of factor VIII: the effect of inhibitors. Rick ME, et al. **Br J Haematol** 36(4):585–97, Aug 77

Platelet activation in haemostasis: role of thrombin and other clotting factors in platelet-collagen interaction. Huzoor-Akbar, et al. **Haemostasis** 6(1):59–71, 1977

Spontaneous platelet aggregation in arterial insufficiency: mechanisms and implications. Wu KK, et al. **Thromb Haemostas** 35(3):702–11, 30 Jun 76

THERAPEUTIC USE

[Biochemical and pharmacological principles of antithrombotic therapy] Markwardt F. **Folia Haematol (Leipz)** 103(3):293–312, 1976 **(Ger)**

HYPOPROCONVERTINEMIA

BLOOD

Molecular variant of factor VII. Briët E, et al. **Thromb Haemostas** 35(2):289–94, 30 Apr 76

[Determination of factors V,VII and X] Fukutake K, et al. **Jpn J Clin Med** 34 suppl:2425–32, 1976 (40 ref.) **(Jpn)**

COMPLICATIONS

Factor VII deficiency and surgery. Is preoperative replacement therapy necessary? Yorke AJ, et al. **JAMA** 238(5):424–5, 1 Aug 77

CONGENITAL

[Isolated congenital deficiency of factor VII. Clinical study] Barberio G, et al. **Minerva Pediatr** 29(12):843–5, 7 Apr 77 **(Ita)**

DIAGNOSIS

[Isolated congenital deficiency of factor VII. Clinical study] Barberio G, et al. **Minerva Pediatr** 29(12):843–5, 7 Apr 77 **(Ita)**

[Congenital deficiency of factor VII. Report of a case] Mancini AF, et al. **Minerva Pediatr** 29(24):1511–6, 28 Jul 77 (Eng. Abstr.) **(Ita)**

ETIOLOGY

Factor VII deficiency associated with nephrotic syndrome. Epstein O, et al. **Br Med J** 2(6048):1361, 4 Dec 76

[The blood coagulation situation in fetal erythroblastosis before and after exchange transfusion] Marca L, et al. **Minerva Pediatr** 29(17):1141–4, 12 May 77 **(Ita)**

FAMILIAL & GENETIC

A CRM-Positive variant of factor-VII deficiency and the detection of heterozygotes with the assay of factor-like antigen. Mazzucconi MG, et al. **Br J Haematol** 36(1):127–35, May 77

Molecular variant of factor VII. Briët E, et al. **Thromb Haemostas** 35(2):289–94, 30 Apr 76

[A Quebec family with factor VII deficiency] Boulay J. **Union Med Can** 105(2):252–4, Feb 76 (Eng. Abstr.) **(Fre)**

[Congenital deficiency of factor VII. Report of a case] Mancini AF, et al. **Minerva Pediatr** 29(24):1511–6, 28 Jul 77 (Eng. Abstr.) **(Ita)**

IMMUNOLOGY

Tissue factor activity of rabbit peritoneal macrophages: influence of immune stimulation. Béguin S, et al. **Ann Immunol (Paris)** 128C(4–5):785–98, Jul–Oct 77

A CRM-Positive variant of factor-VII deficiency and the detection of heterozygotes with the assay of factor-like antigen. Mazzucconi MG, et al. **Br J Haematol** 36(1):127–35, May 77

VETERINARY

The diagnosis of hemostatic disorders. Kociba GJ. **Vet Clin North Am** 6(4):609–23, Nov 76

HYPOPROTHROMBINEMIAS

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

BLOOD

Platelet aggregation and adhesiveness in classical factor X deficiency and in the abnormal factor X (factor X Friuli) coagulation disorder. Girolami A, et al.
Acta Haematol (Basel) 56(5):307–13, 1976

Normotest—thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex and in coumarin-treated patients: a nonspecific phenomenon. Girolami A, et al. **Am J Clin Pathol** 67(1):57–60, Jan 77

Antifactor Xa activity in thrombophilia. Studies in a family with Ar-III deficiency. Odegård OR, et al.
Scand J Haematol 18(2):86–90, Feb 77

CHEMICALLY INDUCED

[Hypoprothrombinemia and bleeding associated to treatment with cholestyramine (author's transl)] Acuña R, et al.
Rev Med Chil 105(1):27–8, Jan 77 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Acquired factor X deficiency and amyloidosis. Krause JR.
Am J Clin Pathol 67(2):170–3, Feb 77

Syndrome of acquired factor X deficiency and systemic amyloidosis in vivo studies of the metabolic fate of factor X. Furie B, et al. **N Engl J Med** 297(2):81–5, 14 Jul 77

Factor X deficiency and systemic amyloidosis [editorial]. Glenner GG. **N Engl J Med** 297(2):108–9, 14 Jul 77

Vitamins E and K. Dam H. **Prog Food Nutr Sci** 1(2):139–43, 1975

[Internal pathology and cardiovascular therapy] Baligadoo S, et al. **Coeur Med Interne** 16(2):305–9, Apr–Jun 77 **(Fre)**

[Cerebromeningeal hemorrhages and their sequelae in congenital deficiencies of plasma hemostasis factors. Apropos of a case of Stuart factor deficiency with early cerebromengeal hemorrhage leading to hydrocephalus with considerable psychomotor retardation] Mayer G, et al.
Sem Hop Paris 52(15):942–7, 16 Apr 76 **(Fre)**

CONGENITAL

Possible congenital deficiency of factor X (Sturat-Prower): a case report. Bhoweer AL, et al. **Ann Dent** 36(1):1–7, Spring 77

Surgery in patients with congenital disorders of blood coagulation. Krieger JN, et al. **Ann Surg** 185(3):290–4, Mar 77

[The Stuart factor. Apropos of a case of congenital deficiency] Schneegans E, et al. **Pediatrie** 31(1):17–31, Jan–Feb 76 (Eng. Abstr.) **(Fre)**

[Determination of prothrombin] Yasunaga K.
Jpn J Clin Med 34 suppl:2433–43, 1976 (38 ref.) **(Jpn)**

DIAGNOSIS

The 'echis carinatus venom' prothrombin assay in coumarin treated patients. A comparison with one-stage and immunological assays. Girolami A, et al.
Folia Haematol (Leipz) 103(5):746–57, 1976

[Diagnosis of Stuart-Prower disease] Papaian LP, et al.
Probl Gematol Pereliv Krovi 22(3):46–9, Mar 77 **(Rus)**

DRUG THERAPY

[Hypoprothrombinemia and bleeding associated to treatment with cholestyramine (author's transl)] Acuña R, et al.
Rev Med Chil 105(1):27–8, Jan 77 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Estrogen and prothrombin synthesis: effect of estrogen on absorption of vitamin K1. Jolly DW, et al.
Am J Physiol 232(1):H12–7, Jan 77

[The blood coagulation situation in fetal erythroblastosis before and after exchange transfusion] Marca L, et al.
Minerva Pediatr 29(17):1141–4, 12 May 77 **(Ita)**

[Determination of prothrombin] Yasunaga K.
Jpn J Clin Med 34 suppl:2433–43, 1976 (38 ref.) **(Jpn)**

[Transient vitamin K deficiency and secondary hypoprothrombinemia in infants and older children] Frelek M, et al. **Pediatr Pol** 51(8):951–6, AUG 76 (Eng. Abstr.) **(Pol)**

OCCURRENCE

Inherited bleeding syndromes in Iraq. Al-Mondhiry HA.
Thromb Haemostas 37(3):549–55, 30 Jun 77

THERAPY

Treatment of amyloidosis associated factor X deficiency. Spero JA, et al. **Thromb Haemostas** 35(2):377–81, 30 Apr 76

VETERINARY

Acquired coagulation factor X activity deficiency connected with Hymenoxys odorata DC (Compositae), bitterweed poisoning in sheep. Steel EG, et al. **Am J Vet Res** 37(12):1383–6, Dec 76

KALLIKREIN-TRYPSIN INACTIVATOR

Synthesis and characterization of a pancreatic trypsin inhibitor homologue and a model inhibitor. Tan NH, et al.
Biochemistry 16(8):1531–41, 19 Apr 77

Purification and properties of rabbit trypsin. Johnson DA.
Biochim Biophys Acta 452(2):482–7, 8 Dec 76

The structure of the complex formed by bovine trypsin and bovine pancreatic trypsin inhibitor III. Structure of the anhydro-trypsin-inhibitor complex. Huber R, et al.
Biophys Struct Mech 1(3):189–201, 30 May 75

Effect of clofibrate on intravascular coagulation in hyperlipoproteinemia. Carvalho AC, et al. **Circulation** 56(1):114–8, Jul 77

Independance of glucagon and insulin handling by the isolated perfused dog kidney. Lefebvre PJ, et al. **Diabetologia** 12(4):359–65, Aug 76

High field 13C NMR studies at 90.5 MHz of the methyl groups in the basic pancreatic trypsin inhibitor. Richarz R, et al.
FEBS Lett 79(1):64–8, 1 Jul 77

Purification and partial characterization of human pancreatic elastase. Ohlsson K, et al.
Hoppe Seylers Z Physiol Chem 357(8):1153–61, Aug 76

Radioimmunoassay of secretin in plasma. Byrnes DJ, et al.
Horm Metab Res 8(5):361–5, Sep 76

Conformation-directed proteolysis of Kunitz bovine trypsin inhibitor. pp. 915–20. Chauvet J, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p. (16 ref.)

Arginine modification in Kunitz bovine trypsin inhibitor through 1, 2-cyclohexanedione. Menegatti E, et al.
Int J Pept Protein Res 10(2):146–52, 1977

Trypsin-kallikrein inhibitors from snails (Helix pomatia). Tschesche H, et al. **Methods Enzymol** 45:772–85, 1976

Dynamics of folded proteins. McCammon JA, et al.
Nature 267(5612):585–90, 16 Jun 77

Inactivation and binding of human plasma kallikrein by antithrombin III and heparin. Venneröd AM, et al.
Thromb Res 9(5):457–66, Nov 76

[Role of the prostaglandin-kinin system of the kidneys in the transport of sodium and water] Nekrasova AA, et al.
Kardiologiia 17(3):108–14, Mar 77 (Eng. Abstr.) **(Rus)**

[Effect of antikinin agents on the course of experimental myocarditis] Surovikina MS, et al. **Kardiologiia** 16(9):84–9, Sep 76 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Prevention of peritoneal adhesions with aprotinin (trasylol). Mooney RA. **J Int Med Res** 4(5):360–3, 1976

Complement-independent nephrotoxic nephritis in the guinea pig. Couser WG, et al. **Kidney Int** 11(3):170–80, Mar 77

Effect of a proteinase inhibitor on intermittent claudication or on pain at rest in patients with peripheral arterial disease. Digiesi V, et al. **Pain** 1(4):385–9, Dec 75

[Field study on the therapeutic value of trasylol in traumatic shock] Schneider B, et al. **Chirurg** 47(4):185–8, Apr 76 (Eng. Abstr.) **(Ger)**

[Trasylol in acute pancreatitis (letter)] Ammann R.
Dtsch Med Wochenschr 101(47):1742, 19 Nov 76 **(Ger)**

[Abdominal trauma and sepsis] Milic S, et al.
Helv Chir Acta 43(5–6):707–8, Dec 76 **(Ger)**

[Treatment of a case of acute pancreatitis using a local perfusion of kallikrein inhibitors] Piazza L, et al.
Minerva Anestesiol 42(12):863–6, Dec 76 (Eng. Abstr.) **(Ita)**

ANALYSIS

Dynamics of the aromatic amino acid residues in the globular conformation of the basic pancreatic trypsin inhibitor (BPTI). II. Semi-empirical energy calculations. Hetzel R, et al. **Biophys Struct Mech** 2(2):159–80, 23 Aug 76

Dynamics of the aromatic amino acid residues in the globular conformation of the basic pancreatic trypsin inhibitor (BPTI). I. 1H NMR studies. Wagner G, et al. **Biophys Struct Mech** 2(2):139–58, 23 Aug 76

BLOOD

Assay of factors of the kinin system in plasma from patients with specific exogenous allergies. Briseid K, et al. **Acta Allergol (Kbh)** 31(4):297–311, Aug 76

Tissue uptake of isotopically labeled aprotinin in early myocardial ischemia. Polansky EW, et al. **Arch Int Pharmacodyn Ther** 225(1):124–32, Jan 77

Kallikrein inhibitors in rat plasma. Hojima Y, et al. **J Biochem (Tokyo)** 81(1):37–46, Jan 77

[Various indicators of the kinin and sympathico-adrenal systems in patients with recurrent myocardial infarct] Golikov AP, et al. **Kardiologiia** 16(2):74–7, Feb 76 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Synthesis and characterization of a pancreatic trypsin inhibitor homologue and a model inhibitor. Tan NH, et al. **Biochemistry** 16(8):1531–41, 19 Apr 77

Studies on the solid-phase synthesis of bovine pancreatic trypsin inhibitor (Kunitz) and the characterization of the synthetic material. Tan NH, et al. **J Org Chem** 41(17):2787–93, 20 Aug 76

DIAGNOSTIC USE

The renal handling of biologically active peptides. Just M, et al. **Contrib Nephrol** 1:62–8, 1975

IMMUNOLOGY

[Immunostimulating properties of blood serum of rabbits with experimental atherosclerosis] Drobiazgo LD, et al. **Kardiologiia** 17(3):118–24, Mar 77 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Trypsin-kallikrein inhibitors from snails (Helix pomatia). Tschesche H, et al. **Methods Enzymol** 45:772–85, 1976

Trypsin-kallikrein inhibitors from cuttlefish (Loligo vulgaris). Tschesche H. **Methods Enzymol** 45:793–7, 1976

METABOLISM

Tissue uptake of isotopically labeled aprotinin in early myocardial ischemia. Polansky EW, et al. **Arch Int Pharmacodyn Ther** 225(1):124–32, Jan 77

Endogenous anti-inflammatory proteins. Lewis DA. **Biochem Pharmacol** 26(8):693–8, 15 Apr 77 (86 ref.)

The renal handling of biologically active peptides. Just M, et al. **Contrib Nephrol** 1:62–8, 1975

Influence of various fluorescent and non-fluorescent labels on the kinetics of the complex formation of alpha-chymotrypsin with basic pancreatic trypsin inhibitor (Kunitz). Bösterling B, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1297–307, Sep 76

[Interactions between the basic polypeptide Trasylol and proteoglycans. IV. Intracellular binding] Heine H, et al. **Med Welt** 27(38):1774–77, 17 Sep 76 **(Ger)**

[In vivo distribution of proteinase inhibitor, 99mTc-trasylol in mice bearing Ehrlich tumor] Ito K, et al. **Jpn J Nucl Med** 13(4):459–67, Aug 76 (Eng. Abstr.) **(Jpn)**

[Study on tumor affinity of technetium-99m-labeled radiopharmaceuticals. (1) 99mTc-pertechnetate, 99mTc-human serum albumin, and 99mTc-trasylol] Ito K, et al. **Radioisotopes (Tokyo)** 25(10):614–21, Oct 76 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Aprotinin and myocardial performance in shock. David D, et al. **Acta Anaesthesiol Belg** 27 suppl:356–62, 1976

Kallikreinlike activity in perfusates and urine of isolated rat kidneys. Roblero J, et al. **Am J Physiol** 231(5 Pt. 1):1383–9, Nov 76

Wellcome award lecture: Biochemistry of cancer. Latner AL. **Ann Clin Biochem** 13(5):458–66, Sep 76

Radioimmunoassay of human plasma trypsin. Temler RS, et al. **Biochim Biophys Acta** 445(3):720–8, 11 Oct 76

Aromatic Tris-amidines. A new class of highly active inhibitors of trypsin-like proteases. Tidwell RR, et al. **Biochim Biophys Acta** 445(3):729–38, 11 Oct 76

Hypotension in rabbits infected with Trypanosoma brucei. Boreham PF, et al. **Br J Pharmacol** 58(1):137–9, Sep 76

Possible influence of intrarenal generation of kinins on prostaglandin release from the rabbit perfused kidney. Colina-Chourio J, et al. **Br J Pharmacol** 58(2):165–72, Oct 76

Estrogen receptor and proteolytic activity in human breast tumor nuclei. Garola RE, et al. **Cancer Res** 37(9):3329–32, Sep 77

Identification and characterization of the insulin receptor in the R3230AC mammary adenocarcinoma of the rat. Harmon JT, et al. **Cancer Res** 36(11 Pt 1):3993–4000, Nov 76

Assay of proteolytic activity by gelatin liquefaction (trypsin assay by gelatin liquefaction). Westler B, et al. **Clin Chim Acta** 78(1):151–7, 1 Jul 77

Enhancement of in vitro immunoglobulin synthesis of human lymphocytes by lysosomal enzymes from polymorphonuclear leucocytes. Yamasaki K, et al. **Clin Exp Immunol** 27(2):254–60, Feb 77

The fate of ACTH released from rat anterior pituitary into the incubation medium in vitro: enzymatic degradation and acid activation. Uemura T, et al. **Endocrinol Jpn** 23(3):233–6, Jun 76

The intestinal mucosal lesions in shock. I. Studies on the pathogenesis. Haglund U, et al. **Eur Surg Res** 8(5):435–47, 1976

The intestinal mucosal lesions in shock. II. The relationship between the mucosal lesions and the cardiovascular derangement following regional shock. Haglund U, et al. **Eur Surg Res** 8(5):448–60, 1976

Distribution of cell surface LETS protein in co-cultures of normal and transformed cells. Chen LB, et al. **Exp Cell Res** 108(2):375–83, Sep 77

Establishment of serum based essentiall free of proteolytic activity for the culture of mouse pancreatic islets. Kedinger M, et al. **Experientia** 33(7):972–3, 15 Jul 77

Role of pancreatic proteases in the pathogenesis of ischemic enteropathy. Bounous G, et al. **Gastroenterology** 73(1):102–8, Jul 77

Evidence for a participation of the kallikrein-kinin system in the regulation of muscle metabolism during hypoxia. Dietze G, et al. **Hoppe Seylers Z Physiol Chem** 358(6):633–8, Jun 77

Elastases from human and canine granulocytes, II. Interaction with protease inhibitors of animal, plant, and microbial origin. Schiessler H, et al. **Hoppe Seylers Z Physiol Chem** 358(1):53–8, Jan 77

The enhancement of the haemolytic activity of the first component of complement by trasylol. Delage JM, et al. **Immunology** 31(4):601–6, Oct 76

Conformation-directed proteolysis of Kunitz bovine trypsin inhibitor. pp. 915–20. Chauvet J, et al. **In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.** (16 ref.)

Reproduction of the eosinopenia of acute infection by passive transfer of a material obtained from inflammatory exudate. Bass DA. **Infect Immun** 15(2):410–6, Feb 77

Isolation and some properties of dog and rat pancreatic kallikreins. Hojima Y, et al. **J Biochem (Tokyo)** 81(3):599–610, Mar 77

Studies on urinary kallikreins. I. Purification and characterization of human urinary kallikreins. Matsuda Y, et al. **J Biochem (Tokyo)** 80(4):671–9, Oct 76

Dog renal kallikrein: purification and some properties. Moriwaki C, et al. **J Biochem (Tokyo)** 80(6):1277–85, Dec 76

Fibrinolysis and liver regeneration. Rixon RH, et al. **J Cell Physiol** 92(1):13–21, Jul 77

Specificity and structural analysis of a guinea pig transfer factor-like activity. Dunnick WA, et al. **J Immunol** 118(6):1944–50, Jun 77

Preservation of hepatic cell integrity by aprotinin in hypoxia. Galvin MJ, et al. **Life Sci** 20(12):1969–78, 15 Jun 77

Trypsin-kallikrein inhibitors from cuttlefish (Loligo vulgaris). Tschesche H. **Methods Enzymol** 45:793–7, 1976

Contribution of vasopressor and plasma kininogen changes towards acute adrenaline pulmonary edema in the rat. Rothschild AM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 295(2):177–81, Nov 76

Isolation of kallikrein from mammary gland of cows. Peeters G, et al. **Q J Exp Physiol** 61(1):1–14, Jan 76

Protease-induced constriction in rats' bronchi. Iravani J, et

al. **Respiration** 34(1):39–44, 1977

Human leukocyte migration inhibitory factor (LIF). I. Effect of synthetic and naturally occurring esterase and protease inhibitors. Bendtzen K. **Scand J Immunol** 6(1–2):126–31, 1977

Human leukocyte migration inhibitory factor (LIF). I. Effect of synthetic and naturally occurring esterase and protease inhibitors. Bendtzen K. **Scand J Immunol** 6(1–2):125–31, 1977

Partial purification and some properties of the tissue plasminogen activator from the human myometrium. Soszka T. **Thromb Res** 10(6):823–32, Jun 77

Secretory capacity and ultrastructure of rat pancreatic islets after preservation of pancreas in different conditions. Tellez-Yudilevich M, et al. **Transplantation** 23(3):217–21, Mar 77

[Comparison of the immunogenic potencies of purified inactivated foot-and-mouth disease virus particles with variable amounts of VP1 protein (author's transl)] Bernard S, et al. **Ann Rech Vet** 8(1):79–94, 1977 (Eng. Abstr.) **(Fre)**

[Effect of acetylsalicylic acid and aprotinin on the platelet function and coagulation of preserved blood] Haas-Denk S, et al. **Med Welt** 28(19):912–4, 13 May 77 **(Ger)**

[Bursting pressure of colon in the rats and proteinase inhibition (author's transl)] Bary Sv, et al. **Res Exp Med (Berl)** 168(2):123–8, 25 Aug 76 (Eng. Abstr.) **(Ger)**

[The fibrinolytic activity in tissues of polytraumatized patients (author's transl)] Schlag G, et al. **Unfallheilkunde** 80(6):269–73, Jun 77 (Eng. Abstr.) **(Ger)**

[Distribution patterns of lipase isoenzymes--1st clinical experiences] Kapaun W, et al. **Verh Dtsch Ges Inn Med** 82 Pt 1:963–5, 1976 **(Ger)**

[Inhibition of cell viability by cellular debris. Model experiments to study tissue damage (author's transl)] Bereiter-Hahn J. **Virchows Archiv [Cell Pathol]** 23(3):265–75, 17 Mar 77 (Eng. Abstr.) **(Ger)**

[Mediator mechanisms in human skin (proceedings)] Stüttgen G. **Z Hautkr** 51 Suppl 2:65–70, 1976 **(Ger)**

[Interactions between aprotinin, striated musculature and neuromuscular transmission. Experimental research] Brita G, et al. **Minerva Anestesiol** 43(5):285–90, Mar 77 (Eng. Abstr.) **(Ita)**

[Experimental study on dibutyryl cyclic AMP: (2) anti-shock effects] Suemori I. **Jpn J Anesthesiol** 25(6):547–57, Jun 76 (Eng. Abstr.) **(Jpn)**

[Effect of agents increasing the resistance of the vascular wall as well as of trasylol (a protease inhibitor) on experimental brain edema] Czernicki Z. **Neurol Neurochir Pol** 11(4):457–60, Jul-Aug 77 **(Pol)**

[Proteolytic enzymes, their inhibitors and the state of bone regeneration] Gostishchev VK, et al. **Eksp Khir Anesteziol** (3):48–51, May-Jun 76 (Eng. Abstr.) **(Rus)**

[Effect of activators and inhibitors of the kallikrein-kinin system on adrenergic responses of the heart and vessels] Rzaev NM, et al. **Fiziol Zh SSSR** 63(3):429–33, Mar 77 (Eng. Abstr.) **(Rus)**

[Kinin system and the prospects for its study in stomatology] Khomenko LA. **Stomatologiia (Mosk)** 56(3):75–7, May-Jun 77 (45 ref.) **(Rus)**

[Effect of trasylol on secretion of the pancreatic trypsin inhibitor] Synovets AS, et al. **Vrach Delo** (11):77–8, Nov 76 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

The pathophysiology of acute pancreatitis and the use of trasylol in treatment. Trapnell JE. **Acta Anaesthesiol Belg** 27 suppl:350–5, 1976

Pathogenesis and management of uterine inertia complicating abruptio placentae with consumption coagulopathy. Sher G. **Am J Obstet Gynecol** 129(2):164–70, 15 Sep 77

Aprotinin and growth of Walker 256 carcinosarcoma in the rat. Thomson AW, et al. **Br J Cancer** 35(4):454–60, Apr 77

The fine structure of pulmonary contusion and the effect of various drugs. Casley-Smith JR, et al. **Br J Exp Pathol** 57(5):487–96, Oct 76

Alleviation of carrageenan-induced hepatotoxicity and acronecrosis by aprotinin. Fowler EF, et al. **Br J Exp Pathol** 58(3):260–7, Jun 77

Treatment of acute and chronic pancreatitis. Bank S, et al. **Drugs** 13(5):373–81, May 77

Therapeutic effect of the polypeptide aprotinin on intermittent claudication and on pain at rest in patients with peripheral arterial occlusive disease. pp. 975–8. Digiesi V, et al. **In: Bonica JJ, et al., ed. Advances in pain research and therapy. New York, Raven Press, 1976. W1 AD706 v.1 1976.**

Prevention of peritoneal adhesions with aprotinin (trasylol). Mooney RA. **J Int Med Res** 4(5):360–3, 1976

Trasylol revisited: the value of proteolytic inhibitors in the therapy of pancreatitis. Dreiling DA, et al. **Mt Sinai J Med NY** 43(4):409–14, Jul-Aug 76 (25 ref.)

Effect of a proteinase inhibitor on intermittent claudication or on pain at rest in patients with peripheral arterial disease. Digiesi V, et al. **Pain** 1(4):385–9, Dec 75

Effect of the proteinase inhibitor Trasylol on the mortality and infarct size in dogs with acute myocardial infarction. Eisenbach J, et al. **Pharmacol Res Commun** 9(1):79–92, Jan 77

Attempt to influence pharmacologically spinal cord tissue changes after an experimental injury. Němeček S, et al. **Sb Ved Pr Lek Fak Karlovy Univ** 18(4–5):439–48, 1975

Supplementary treatment with kallikrein-trypsin inhibitor in acute myocardial infarction. Andréka B, et al. **Ther Hung** 24(3):98–103, 1976

[Effect of the proteinase inhibitor (aprotinin) on the course of experimental burn shock] Rybák M, et al. **Cas Lek Cesk** 115(35):1067–71, 3 Sep 76 (Eng. Abstr.) **(Cze)**

[A patient with pancreatogenic delirium] van Helsdingen RJ, et al. **Ned Tijdschr Geneeskd** 121(37):1413–5, 10 Sep 77 (Eng. Abstr.) **(Dut)**

[Action of pharmacological effectors on hematocrit and lactate dehydrogenase activity changes in experimental ischemic shock] Jonadet M, et al. **Pathol Biol (Paris)** 25(3):147–51, Mar 77 (Eng. Abstr.) **(Fre)**

[Results of a field study on the therapeutic value of aprotinin in traumatic shock (author's transl)] Schneider B. **Arzneim Forsch** 26(8):1606–10, 1976 (Eng. Abstr.) **(Ger)**

[Field study on the therapeutic value of trasylol in traumatic shock] Schneider B, et al. **Chirurg** 47(4):185–8, Apr 76 (Eng. Abstr.) **(Ger)**

[Trasylol in acute pancreatitis (letter)] Ammann R. **Dtsch Med Wochenschr** 101(47):1742, 19 Nov 76 **(Ger)**

[Therapy of acute pancreatitis] Müller-Wieland K. **Dtsch Med Wochenschr** 101(47):1729–31, 19 Nov 76 **(Ger)**

[Traumatic shock. pathophysiology, treatment] Hartel W, et al. **Fortschr Med** 95(8):477–81, 24 Feb 77 **(Ger)**

[Therapy of acute pancreatitis] Hotz J. **Fortschr Med** 94(22–23):1195–1200, 12 AUG 76 (Eng. Abstr.) **(Ger)**

[Experimental pulmonary edema: pathophysiological mechanism (author's transl)] Eckert P. **Langenbecks Arch Chir** 340(4):249–52, 23 Apr 76 (Eng. Abstr.) **(Ger)**

[New aspects in the treatment of pneumonitis (author's transl)] Lennartz H, et al. **Langenbecks Arch Chir** 342:341–9, 15 Nov 76 (Eng. Abstr.) **(Ger)**

[Posttraumatic lung syndrome. Definition, diagnosis, and therapy. Report of a double blind study] McMichan JC, et al. **Med Welt** 76(48):2331–40, 26 Nov 76 **(Ger)**

[Tourniquet-schock following treatment with streptase, prednisolone and trasylol. Pathologic-anatomic findings] Schubert GE, et al. **Med Welt** 28(27):1190–4, 8 Jul 77 **(Ger)**

[Homologous liver and liver-kidney transplantation--experimental study] Rigler B. **Z Exp Chir** 9(5):262–81, Oct 76 (Eng. Abstr.) **(Ger)**

[Formulation of a proposal to classify acute pancreatitis according to the effects of a precise comparative evaluation of the therapeutic efficacy of different drugs] Di Macco G, et al. **Ann Ital Chir** 48(2):209–13, 1976 **(Ita)**

[Disseminated intravascular coagulation as a complication of shock] Bottari M, et al. **Atti Accad Med Lomb** 28(1–4):5–8, 1973 **(Ita)**

[Treatment of a case of acute pancreatitis using a local perfusion of kallikrein inhibitors] Piazza L, et al. **Minerva Anestesiol** 42(12):863–6, Dec 76 (Eng. Abstr.) **(Ita)**

[Acute enzymatic pancreatitis. Clinical contribution] Cartia Q, et al. **Minerva Med** 68(22):1475–90, 5 May 77 (Eng. Abstr.) **(Ita)**

[Analysis of arterial traumas in our records] Grenda J, et al. **Pol Przegl Chir** 48(12):1507–11, Dec 76 (Eng. Abstr.) **(Pol)**

[E-aminocaproic acid in the treatment of acute pancreatitis] Lawiński M, et al. **Pol Przegl Chir** 48(8):1031–6, Aug 76 (Eng. Abstr.) **(Pol)**

[Meningococcal meningoencephalomyelitis with septicemia and shock. Pathogenic and therapeutic aspects of an observed case] Olejnik Z, et al. **Przegl Epidemiol** 30(3):411–5, 1976 (Eng. Abstr.) **(Pol)**

[Changes in the kinin system components and structure of the myocardium under the influence of antikinin preparations in allergic myocarditis in rabbits] Surovikina MS, et al. **Biull Eksp Biol Med** 82(8):979–81, Aug 76 (Eng. Abstr.) **(Rus)**

[Proteolytic enzymes, their inhibitors and the state of bone regeneration] Gostishchev VK, et al. **Eksp Khir Anesteziol** (3):48–51, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Effect of heparin and trasylol on morphological and certain functional changes in experimental peritonitis] Popov VA. **Eksp Khir Anesteziol** (6):42–5, Nov–Dec 75 **(Rus)**

[Comparative assessment of the therapeutic effect of inhitryl in tourniquet shock (experimental study)] Kharchenko VZ, et al. **Farmakol Toksikol** 40(2):187–90, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Complex treatment of acute pancreatitis] Babris IV. **Khirurgiia (Mosk)** (3):77–9, Mar 77 (Eng. Abstr.) **(Rus)**

[Use of trasylol in treatment of purulent surgical infection in children] Deriugo NK. **Khirurgiia (Mosk)** (6):86–90, Jun 77 (Eng. Abstr.) **(Rus)**

[Antienzymes in the treatment of acute pancreatitis (review of the literature)] Ognev IuV, et al. **Khirurgiia (Mosk)** (3):135–9, Mar 77 **(Rus)**

[Use of proteolytic enzyme inhibitors in complex treatment of staphylococcal wound infection] Revin AN. **Khirurgiia (Mosk)** (6):78–81, Jun 77 (Eng. Abstr.) **(Rus)**

[Use of protease inhibitors in cancer intoxication] Zolotukhin NA, et al. **Khirurgiia (Mosk)** (6):110–1, Jun 77 (Eng. Abstr.) **(Rus)**

[Characteristics of bone regeneration after treatment of experimental fractures with proteolytic enzymes and their inhibitors] Gostishchev VK, et al. **Ortop Travmatol Protez** (5):37–43, May 76 (Eng. Abstr.) **(Rus)**

[Stimulation of healing and prevention of surgical wound suppuration] Grigorian AV, et al. **Sov Med** (12):30–4, Dec 76 (Eng. Abstr.) **(Rus)**

[Treatment of acute pancreatitis with proteinase inhibitors] Seferovskii LE, et al. **Sov Med** (10):109–13, Oct 76 (Eng. Abstr.) **(Rus)**

[Inhibitors of proteolysis in the complex therapy of allergic lesions of the oral mucosa] Danilevskii NF, et al. **Stomatologiia (Mosk)** 56(1):30–2, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Present state and future developments in the treatment of fractures (survey of foreign literature)] Berkutov AN, et al. **Vestn Khir** 116(1):123–8, Jan 76 **(Rus)**

[Role of enzymes in the pathogenesis, diagnosis and treatment of eye diseases] Kasavina BS, et al. **Vestn Oftalmol** (4):85–8, Jul–Aug 77 **(Rus)**

[Role of salivary kallikrein in the pathogenesis of periodontosis] Barabash RD, et al. **Vopr Med Khim** 22(3):318–25, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Use of trasylol in diabetic ketoacidosis] Zelinskii BA, et al. **Vrach Delo** (9):78–80, Sep 76 (Eng. Abstr.) **(Rus)**

[253 patients with acute pancreatitis treated at the surgical clinic in Zagreb] Bakran I. **Acta Chir Iugosl** 24(1 Suppl):21–6, 1977 (Eng. Abstr.) **(Scr)**

[Acute pancreatitis in our case reports] Bedeković V, et al. **Acta Chir Iugosl** 24(1 Suppl):35–8, 1977 (Eng. Abstr.) **(Scr)**

[Supplement on the treatment of acute pancreatitis] Sokačić F, et al. **Acta Chir Iugosl** 24(1 Suppl):71–5, 1977 (Eng. Abstr.) **(Scr)**

[Acute pancreatitis] Zakeli V. **Acta Chir Iugosl** 24(1 Suppl):17–20, 1977 **(Scr)**

LIPOPROTEIN LIPASE

Lipoprotein lipase. Isolation and characterization of a second enzyme species from postheparin plasma. Fielding PE, et al. **Biochemistry** 16(9):1896–1900, 3 May 77

Fluorescent derivatives of the pyruvate dehydrogenase component of the Escherichia coli pyruvate dehydrogenase complex. Papadakis N, et al. **Biochemistry** 16(9):1890–6, 3 May 77

Properties of purified bovine milk lipoprotein lipase. Kinnunen PK, et al. **Biochim Biophys Acta** 450(3):342–51, 20 Dec 76

Interaction of heparin with proteins. Demonstration of different binding sites for antithrombin and lipoprotein lipase. Bengtsson G, et al. **FEBS Lett** 79(1):59–63, 1 Jul 77

Lipoprotein lipase from bovine milk. Isolation procedure, chemical characterization, and molecular weight analysis. Iverius PH, et al. **J Biol Chem** 251(24):7791–5, 25 Dec 76

Fat emulsions with added free cholesterol or fatty acid cholesteryl esters. Studies on removal mechanisms in vivo and hydrolysis by lipoprotein lipase in vitro. Rössner S, et al. **Nutr Metab** 21(6):349–57, 1977

[Electron microscopic study of the effect of post-heparin lipolytic activity on the plasma lipoproteins] Agostini B. **Riv Istochim Norm Patol** 19(1–4):149, 1975 **(Ita)**

ANALYSIS

Effect of cholesterol feeding on arterial lipolytic activity in the rabbit. Corey JE, et al. **Atherosclerosis** 27(2):201–12, Jun 77

A comparative study of human tissue and post-heparin plasma triglyceride lipases. Klose G, et al. **Atherosclerosis** 25(2–3):175–82, Nov–Dec 76

Metabolism of the mouse made obese by a high-fat diet. Lemonnier D, et al. **Diabete Metab** 1(2):77–85, Jun 75

Metabolism of the mouse made obese by a high-fat diet. Lemonnier D, et al. **Diabete Metab** 1(2):77–85, Jun 75

Alterations of lipid metabolism in healthy volunteers during long-term ethanol intake. Belfrage P, et al. **Eur J Clin Invest** 7(2):127–31, Apr 77

Validation of a stable emulsion for the assay of lipoprotein lipase activity. Corey JE, et al. **J Lab Clin Med** 89(3):666–74, Mar 77

A stable, radioactive substrate emulsion for assay of lipoprotein lipase. Nilsson-Ehle P, et al. **J Lipid Res** 17(5):536–41, Sep 76

Glyceride metabolism in the myopathic hamster. Barakat HA, et al. **Lipids** 12(7):550–5, Jul 77

The effect of ascorbic acid on the activity of lipoprotein lipase in the baboon (Papio ursinus). Kotzé JP, et al. **S Afr Med J** 50(43):1760–4, 9 Oct 76

ANTAGONISTS & INHIBITORS

Effects of monoolein on hydrolysis of triglyceride by lipoprotein lipase in the presence of an inhibitory apolipoprotein. Baginsky ML, et al. **Physiol Chem Phys** 8(3):197–206, 1976

[Lipoprotein lipase activity in cattle with tuberculosis] Zubekhina LI. **Veterinariia** (7):97–8, Jul 77 **(Rus)**

BLOOD

Plasma post heparin lipolytic activity (P.H.L.A.) before and during total parenteral nutrition (T.P.N.) in children. Ricour C, et al. **Acta Chir Scand [Suppl]** (466):114–5, 1976

Effect of methandrostenolone on serum triglyceride and cholesterol levels in diabetic patients. Romics L, et al. **Acta Med Acad Sci Hung** 32(1):27–34, 1975

Studies of effects of trans fatty acids in the diet on lipid metabolism in essential fatty acid deficient rats. Privett OS, et al. **Am J Clin Nutr** 30(7):1009–17, Jul 77

The common hyperlipoproteinemias: an understanding of disease mechanisms and their control. Fisher WR, et al. **Ann Intern Med** 85(4):497–508, Oct 76 (136 ref.)

Inhibition of lipoprotein lipase activity by a monoclonal immunoglobulin in autoimmune hyperlipidemia. Beaumont JL, et al. **Atherosclerosis** 26(1):67–77, Jan 77

The effect of treatment with clofibrate on hepatic triglyceride and lipoprotein lipase activities of post heparin plasma in male patients with hyperlipoproteinemia. Boberg J, et al. **Atherosclerosis** 27(4):499–503, Aug 77

Comparison of assay methods for selective measurement of plasma lipase. The effect of clofibrate on hepatic and lipoprotein lipase in normals and patients with hypertriglyceridemia. Greten H, et al. **Atherosclerosis** 26(4):563–72, Apr 77

Clearing factor lipase (lipoprotein lipase) activator. A method for the measurement of the net activating ability of human sera. Rogers MP, et al. **Atherosclerosis** 24(3):551–64, Sep 76

Effects of clofibrate treatment on plasma triglyceride concentration, plasma post-heparin clearing factor lipase (lipoprotein lipase) activity and serum clearing factor lipase activating ability in maturity-onset diabetes. Rogers MP, et al. **Atherosclerosis** 24(3):565–73, Sep 76

Characterization of two triacylglycerol lipase activities in pig post-heparin plasma. Ehnholm C, et al. **Biochem J** 163(2):347–55, 1 May 77

Assays for lipoprotein lipase: comparison of radiolabeled vs titration method and of triolein vs intralipid substrate. Whayne TF Jr, et al. **Biochem Med** 17(3):248–57, Jun 77

Lipoprotein lipase. Isolation and characterization of a second enzyme species from postheparin plasma. Fielding PE, et al. **Biochemistry** 16(9):1896–1900, 3 May 77

Fluorescent derivatives of the pyruvate dehydrogenase component of the Escherichia coli pyruvate dehydrogenase complex. Papadakis N, et al. **Biochemistry** 16(9):1890–6, 3 May 77

Studies on a polarographic determination method of serum cholesterol. Kameno Y, et al. **Clin Chim Acta** 77(3):245–55, 15 Jun 77

Triglyceride lipases in acute hepatitis. Sauar J, et al. **Clin Chim Acta** 71(3):403–11, 20 SEP 76

Postheparin plasma lipoprotein lipase and hepatic lipase in diabetes mellitus. Relationship to plasma triglyceride metabolism. Nikkilä EA, et al. **Diabetes** 26(1):11–21, Jan 77

Differences in heparin-released lipolytic activity in the superficial and deep veins of the human forearm. Heaf DJ, et al. **Eur J Clin Invest** 7(3):195–9, Jun 77

Role of lipoprotein lipase and capillary endothelium in the clearance of chylomicrons from blood: a model for lipid transport by lateral diffusion in cell membranes. Scow RO, et al. **Expos Annu Biochim Med** 33:143–64, 1977 (98 ref.)

Interaction of heparin with proteins. Demonstration of different binding sites for antithrombin and lipoprotein lipase. Bengtsson G, et al. **FEBS Lett** 79(1):59–63, 1 Jul 77

Heparin–lipoprotein lipase interactions. Olivecrona T, et al. **Fed Proc** 36(1):60–5, Jan 77

Effect of sulfated polysaccharides on blood-borne pulmonary metastasis in rats. Tsubura E, et al. **Gann** 67(6):849–56, Dec 76

Lipoprotein lipase and heparin. pp. 145–57. Olivecrona T, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Effect of estrogen on post-heparin lipolytic activity. Selective decline in hepatic triglyceride lipase. Applebaum DM, et al. **J Clin Invest** 59(4):601–8, Apr 77

Differential characteristics of purified hepatic triglyceride lipase and lipoprotein lipase from human postheparin plasma. Baginsky ML, et al. **J Lipid Res** 18(4):423–37, Jul 77

Quantitative determination of hepatic and lipoprotein lipase activities from human postheparin plasma. Boberg J, et al. **J Lipid Res** 18(4):544–7, Jul 77

A stable, radioactive substrate emulsion for assay of lipoprotein lipase. Nilsson-Ehle P, et al. **J Lipid Res** 17(5):536–41, Sep 76

Combined decrease of postheparin-diamine oxidase (histaminase) and postheparin-lipoproteinlipase in inflammatory diseases. Gäng V, et al. **Klin Wochenschr** 55(4):169–73, 15 Feb 77

Is decreased activity of C-II activated lipoprotein lipase in type III hyperlipoproteinemia (broad-beta-disease) a cause or an effect of increased apolipoprotein E levels? Ganesan D, et al. **Metabolism** 25(11):1189–95, Nov 76

Effect of clofibrate on postheparin plasma triglyceride lipase activities in patients with hypertriglyceridemia. Nikkilä EA, et al. **Metabolism** 26(2):179–86, Feb 77

Fat emulsions with added free cholesterol or fatty acid cholesteryl esters. Studies on removal mechanisms in vivo and hydrolysis by lipoprotein lipase in vitro. Rössner S, et al. **Nutr Metab** 21(6):349–57, 1977

The clinical, biochemical, and familial presentation of type V hyperlipoproteinemia in childhood. Kwiterovich PO Jr, et al. **Pediatrics** 59(4):513–25, Apr 77

The effect of ascorbic acid on the activity of lipoprotein lipase in the baboon (Papio ursinus). Kotzé JP, et al. **S Afr Med J** 50(43):1760–4, 9 Oct 76

[Effect of heparin and its derivatives on the blood sugar level and blood lipid fractions in diabetes mellitus] Markovski S. **Vutr Boles** 16(2):87–94, 1977 (Eng. Abstr.) **(Bul)**

[Plasma lipoprotein lipase (PHLA) in irradiated rabbits. Effect of corticoids] Amr S, et al. **Int J Radiat Biol** 32(2):181–3, Aug 77 **(Fre)**

[Lipoprotein lipase or 'clearing factor'] Labadie P. **Rev Prat** 26(37):2573–6, 1 Sep 76 **(Fre)**

[Familial hyperchylomicronemia: study of lipolytic activity in a family] Gagne C, et al. **Union Med Can** 106(3):333–8, Mar 77 (Eng. Abstr.) **(Fre)**

[Studies on hypertriglyceridemia in liver diseases by means of measurements of hepatic triglyceride lipase and plasma lipoprotein lipase activity in the heparinized plasma] Klose G, et al. **Verh Dtsch Ges Inn Med** 82 Pt 1:311–3, 1976 **(Ger)**

[Biologically active substances in placental extracts] Bianchini P, et al. **Farmaco [Prat]** 32(3):139–51, Mar 77 (Eng. Abstr.) **(Ita)**

[Electron microscopic study of the effect of post-heparin lipolytic activity on the plasma lipoproteins] Agostini B. **Riv Istochim Norm Patol** 19(1–4):149, 1975 **(Ita)**

[A new function of lipoprotein lipase in blood] Malakhova EA, et al. **Dokl Akad Nauk SSSR** 231(2):495–8, 1976 **(Rus)**

[Use of potentiometric titration at constant pH for determination of the activity of lipoprotein lipase] Iakovlev VA, et al. **Vopr Med Khim** 22(3):417–21, May–Jun 76 (Eng. Abstr.) **(Rus)**

DEFICIENCY

[Lipoprotein lipase or 'clearing factor'] Labadie P. **Rev Prat** 26(37):2573–6, 1 Sep 76 **(Fre)**

[Familial hyperchylomicronemia: study of lipolytic activity in a family] Gagne C, et al. **Union Med Can** 106(3):333–8, Mar 77 (Eng. Abstr.) **(Fre)**

DIAGNOSTIC USE

TThe review and automation of enzymatic method for serum lipid determination (author's transl)] Hayashi C, et al. **Jpn J Clin Pathol** 24(8):638–44, Aug 76 **(Jpn)**

[Determination of cholesterol by enzymatic method (author's transl)] Kushiro H, et al. **Jpn J Clin Pathol** 24(8):645–9, Aug 76 **(Jpn)**

IMMUNOLOGY

Hormone-sensitive lipase of adipose tissue. Steinberg D, et al. **Fed Proc** 36(7):1986–90, Jun 77 (44 ref.)

Effect of an anti-lipoprotein lipase serum on plasma triglyceride removal. Kompiang IP, et al. **J Lipid Res** 17(5):498–505, Sep 76

[Elective induction in mice of solid and ascitic carcinoma of the exocrine pancreas by the repeated doses of antibodies against a lipoprotein lipase fraction] Thomas JA. **C R Acad Sci [D] (Paris)** 284(7):589–93, 14 Feb 77 (Eng. Abstr.) **(Fre)**

[The effects of a heterologous antibody against a crude lipoprotein lipase fraction in mice] Thomas JA. **C R Acad Sci [D] (Paris)** 284(3):243–7, Jan 77 (Eng. Abstr.) **(Fre)**

[Exocrine secretion of pancreatic carcinomas induced by immunologic effects: persistence of the specificity of the cancerous ascitic pancreatic cells] Thomas JA. **C R Acad Sci [D] (Paris)** 284(11):995–1000, 14 Mar 77 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Lipoprotein lipase in cultured heart cells: characteristics and cellular location. Henson LC, et al. **Biochim Biophys Acta** 487(1):212–21, 26 Apr 77

Properties of purified bovine milk lipoprotein lipase. Kinnunen PK, et al. **Biochim Biophys Acta** 450(3):342–51, 20 Dec 76

Triglyceride lipases in acute hepatitis. Sauar J, et al. **Clin Chim Acta** 71(3):403–11, 20 SEP 76

The activation of lipoprotein lipase by lipase co-protein (apo C-2). Fielding CJ, et al. **Expos Annu Biochim Med** 33:165–72, 1977

Lipoprotein lipase and heparin. pp. 145–57. Olivecrona T, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Isolation, molecular properties, and kinetic characterization of lipoprotein lipase from rat heart. Chung J, et al. **J Biol Chem** 252(12):4202–9, 25 Jun 77

Lipoprotein lipase from bovine milk. Isolation procedure, chemical characterization, and molecular weight analysis. Iverius PH, et al. **J Biol Chem** 251(24):7791–5, 25 Dec 76

Differential characteristics of purified hepatic triglyceride lipase and lipoprotein lipase from human postheparin plasma. Baginsky ML, et al. **J Lipid Res** 18(4):423–37, Jul 77

Quantitative determination of hepatic and lipoprotein lipase activities from human postheparin plasma. Boberg J, et al. **J Lipid Res** 18(4):544–7, Jul 77

The significance of lipoprotein lipase in rat skeletal muscles. Tan MH, et al. **J Lipid Res** 18(3):363–70, May 77

Response of adipose tissue lipoprotein lipase to fasting in the chicken and the rat--a species difference. Benson JD, et al. **J Nutr** 107(6):990–7, Jun 77

Purification of bovine milk lipoprotein lipase with the aid of detergent. Kinnunen PK. **Med Biol** 55(3):187–91, Jun 77

METABOLISM

Enhanced lipolysis during interaction of serum and adipose tissue: its mechanism and effect of starvation. Tutterová M, et al. **Acta Biol Med Ger** 34?710:1651–8, 1975

Breast milk composition in Ethiopian and Swedish mothers. IV. Milk lipases. Hernell O, et al. **Am J Clin Nutr** 30(4):508–11, Apr 77

Fat metabolism in normal and abnormal states. Masoro EJ. **Am J Clin Nutr** 30(8):1311–20, Aug 77

Supplementation with vitamin E in hyperlipidemic patients treated with diet and clofibrate. Effects on serum lipoprotein concentrations, plasma fatty acid composition and adipose tissue lipoprotein lipase activity. Vessby B, et al. **Am J Clin Nutr** 30(4):517–22, Apr 77

Lipoprotein lipase distribution in rat adipose tissues: effect

on chylomicron uptake. Hartman AD. **Am J Physiol** 232(3):E316–23, Mar 77

Lipoprotein lipase and uptake of chylomicron triglyceride by skeletal muscle of rats. Linder C, et al. **Am J Physiol** 231(3):860–4, Sep 76

Role of triglyceride-rich lipoproteins in atherogenesis. Zilversmit DB. **Ann NY Acad Sci** 275:138–44, 1976

Lipoprotein lipase. Fielding CJ, et al. **Arch Pathol Lab Med** 101(5):225–9, May 77 (50 ref.)

Pre- and post-natal development of lipoprotein lipase and hepatic triglyceride hydrolase activity in rat tissues. Chajek T, et al. **Atherosclerosis** 26(4):549–61, Apr 77

Effect of cholesterol feeding on arterial lipolytic activity in the rabbit. Corey JE, et al. **Atherosclerosis** 27(2):201–12, Jun 77

Heparin-induced release of lipase activity in the human forearm: an immunological study. Ehnholm C, et al. **Atherosclerosis** 27(1):35–9, May 77

Modification of nicotinic acid and prostaglandin E1 antilipolytic action in vitro. Sutherland WH, et al. **Atherosclerosis** 25(1):45–53, Oct 76

Estrogen treatment and gonadal function in the regulation of lipoprotein lipase. Wilson DE, et al. **Atherosclerosis** 24(3):491–9, Sep 76

Tissue lipoprotein lipase in the hyperthyroid rat. Effect of growth and aging. Wilson DE, et al. **Atherosclerosis** 26(3):353–62, Mar 77

Lipoprotein lipase activity at onset of development of white adipose tissue in newborn rats. Péquignot-Planche E, et al. **Biochem J** 162(2):461–3, 15 Feb 77

Antilipolytic action of suloctidil in rat adipose tissue. Winand J, et al. **Biochem Pharmacol** 26(15):1429–33, 1 Aug 77

The hypertriglyceridaemias: a heterogeneous group of metabolic disorders. Galton DJ, et al. **Biochem Soc Trans** 4(4):585–9, 1976

Metabolism of very-low-density lipoproteins by the extrahepatic tissues of the rat. Suri BS, et al. **Biochem Soc Trans** 4(2):282–5, 1976

Rat heart in culture as a tool to elucidate the cellular origin of lipoprotein lipase. Chajek T, et al. **Biochim Biophys Acta** 488(1):140–4, 20 Jul 77

Very low density lipoprotein. Dissociation of apolipoprotein C during lipoprotein lipase induced lipolysis. Glangeaud MC, et al. **Biochim Biophys Acta** 486(1):23–35, 18 Jan 76

Lipoprotein lipase in cultured heart cells: characteristics and cellular location. Henson LC, et al. **Biochim Biophys Acta** 487(1):212–21, 26 Apr 77

Physical, chemical and immunochemical characterization of a lipoprotein lipase activator protein from pig plasma very low density lipoproteins. Jackson RL, et al. **Biochim Biophys Acta** 490(2):385–94, 22 Feb 77

Properties of purified bovine milk lipoprotein lipase. Kinnunen PK, et al. **Biochim Biophys Acta** 450(3):342–51, 20 Dec 76

Lack of fatty acid specificity in the lipolysis of oligo and polyunsaturated triacylglycerols by milk lipoprotein lipase. Morley N, et al. **Biochim Biophys Acta** 487(2):332–42, 25 May 77

Lipoprotein lipase and uptake of triacylglycerol, cholesterol and phosphatidylcholine from chylomicrons by mammary and adipose tissue of lactating rats in vivo. Scow RO, et al. **Biochim Biophys Acta** 487(2):297–306, 25 May 77

Effect of albumin on products formed from chylomicron triacylclycerol by lipoprotein lipase in vitro. Scow RO, et al. **Biochim Biophys Acta** 487(3):472–86, 22 Jun 77

Long term exposure to organophosphorus pesticides and lipid metabolism in the rat. Buchet JP, et al. **Bull Environ Contam Toxicol** 17(2):175–83, Feb 77

Sterol ester hydrolytic activity of lipoprotein lipase from Pseudomonas fluorescence. Sugiura M, et al. **Chem Pharm Bull (Tokyo)** 24(6):1202–8, Jun 76

The effects of fasting and streptozotocin diabetes on hepatic triglyceride lipase activity in the rat. Elkeles RS, et al. **Diabetes** 26(1):58–60, Jan 77

The activation of lipoprotein lipase by lipase co-protein (apo C-2). Fielding CJ, et al. **Expos Annu Biochim Med** 33:165–72, 1977

Interaction of heparin with proteins. Demonstration of different binding sites for antithrombin and lipoprotein lipase. Bengtsson G, et al. **FEBS Lett** 79(1):59–63, 1 Jul 77

Probable physiologic functions of heparin. Engelberg H. **Fed Proc** 36(1):70–2, Jan 77

The concept of macromolecular heparin and its physiological significance. Horner AA. **Fed Proc** 36(1):35–9, Jan 77

Effects of drugs and hormones on lipolysis in heart. Lech JJ, et al. **Fed Proc** 36(7):2000–8, Jun 77 (76 ref.)

Heparin-lipoprotein lipase interactions. Olivecrona T, et al. **Fed Proc** 36(1):60–5, Jan 77

Metabolism of cyhlomicrons in perfused adipose and mammary tissue of the rat. Scow RO. **Fed Proc** 36(2):182–5, Feb 77

Hormone-sensitive lipase of adipose tissue. Steinberg D, et al. **Fed Proc** 36(7):1986–90, Jun 77 (44 ref.)

Heparin, heparin-activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26–34, 1977 (60 ref.)

The control of lipoprotein lipase. pp. 102–10. Cryer A, et al.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974.

Triglyceride catabolism in plasma. pp. 99–101. Greten H.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974.

High and low molecular weight forms of heparin. Horner AA.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Lipoprotein lipase and heparin. pp. 145–57. Olivecrona T, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

ApoB-deficiency (abetalipoproteinaemia): A model for studying the lipoprotein metabolism. pp. 203–39. Kostner GM.
In: Rommel K, Bohmer R, ed. Lipid absorption: biochemical and clinical aspects. Baltimore, Univ Park Press, 1976. QU 85 L761 1975.

Are the lipases in human milk important for fat digestion in the newborn? pp. 315–20. Olivecrona T, et al.
In: Rommel K, Bohmer R, ed. Lipid absorption: biochemical and clinical aspects. Baltimore, Univ Park Press, 1976. QU 85 L761 1975.

Studies on triglyceride lipases from rat adipose tissue. Matsumura S, et al. **J Biochem (Tokyo)** 80(2):351–9, Aug 76

Isolation, molecular properties, and kinetic characterization of lipoprotein lipase from rat heart. Chung J, et al. **J Biol Chem** 252(12):4202–9, 25 Jun 77

Lipoprotein lipase from bovine milk. Isolation procedure, chemical characterization, and molecular weight analysis. Iverius PH, et al. **J Biol Chem** 251(24):7791–5, 25 Dec 76

Radioimmunoassay of human apolipoprotein CII. A study in normal and hypertriglyceridemic subjects. Kashyap ML, et al. **J Clin Invest** 60(1):171–80, Jul 77

Regulation of mammary and adipose tissue lipoprotein lipase and blood triacylglycerol in rats during late pregnancy. Effect of prostaglandins. Spooner PM, et al. **J Clin Invest** 60(3):702–8, Sep 77

Lipoprotein lipase and lipid metabolism in mammary gland. Mendelson CR, et al. **J Dairy Sci** 60(4):666–76, Apr 77

A comparison of lipoprotein lipase activity and adipocyte differentiation in growing male rats. Hietanen E, et al. **J Lipid Res** 18(4):480–90, Jul 77

Effect of an anti-lipoprotein lipase serum on plasma triglyceride removal. Kompiang IP, et al. **J Lipid Res** 17(5):498–505, Sep 76

The significance of lipoprotein lipase in rat skeletal muscles. Tan MH, et al. **J Lipid Res** 18(3):363–70, May 77

Response of adipose tissue lipoprotein lipase to fasting in the chicken and the rat--a species difference. Benson JD, et al. **J Nutr** 107(6):990–7, Jun 77

Diurnal changes in plasma and liver lipids and lipoprotein lipase activity in heart and adipose tissue in rats fed a high and low fat diet. De Gasquet P, et al. **J Nutr** 107(2):199–212, Feb 77

Primary type I hyperlipoproteinemia with normal lipoprotein lipase activity. Burton BK, et al. **J Pediatr** 90(5):777–9, May 77

Lipoprotein lipase activity in rat heart myocytes. Bagby GJ, et al. **Life Sci** 21(3):467–73, 1 Aug 77

Hepatic triglyceride lipase deficiency in liver disease. Freeman M, et al. **Lipids** 12(5):443–5, May 77

Is decreased activity of C-II activated lipoprotein lipase in type III hyperlipoproteinemia (broad-beta-disease) a cause or an effect of increased apolipoprotein E levels? Ganesan D, et al. **Metabolism** 25(11):1189–95, Nov 76

Human milk lipases and their possible role in fat digestion. Olivecrona T, et al. **Paediatr Paedol** 11(4):600–4, 1976

Transport of lipoprotein lipase in the endothelium of rat heart. Stein O, et al. **Paroi Arterielle** 3(3):136, Sep 76

Lipoprotein-lipase activation by an extractive heparinoid (glucuronoglucosaminoglycan). Avogaro P, et al. **Pharmacol Res Commun** 9(4):391–6, Apr 77

Activation of lipoprotein lipase with lipid lowering effect in man by intravenous injection of an extractive

mucopolysaccaride complex (EMC). Rubba P, et al. **Pharmacol Res Commun** 9(7):675–8, Jul 77

Effects of monoolein on hydrolysis of triglyceride by lipoprotein lipase in the presence of an inhibitory apolipoprotein. Baginsky ML, et al. **Physiol Chem Phys** 8(3):197–206, 1976

Gemfibrozil as a lipid lowering compound in hyperlipoproteinaemia. A placebo-controlled cross-over trial. Vessby B, et al. **Proc R Soc Med** 69 Suppl 2:32–7, 1976

Changes in pulmonary lipoprotein lipase activity in dogs following experimental bone fracture. A new concept on the pathogenesis of post-traumatic impairment of lung surfactant synthesis and accumulation of fat in lung vessels? Lehr L, et al. **Surgery** 81(5):521–6, May 77

Medical complications of renal transplantation. Part II. Noninfectous complications in recipient. Prompt CA, et al. **Urology** 9(6 Suppl):32–48, Jun 77

[Metabolic activity of goat adipose tissue at the end of gestation and at the beginning of lactation: level of deoxyribouncleic acid content and lipoprotein lipase activity] Chilliard Y, et al. **C R Acad Sci [D] (Paris)** 284(5):373–6, 31 Jan 77 (Eng. Abstr.) **(Fre)**

[Studies of lipoprotein lipase activity and adipocyte characteristics in the human: effect of obesity and diabetes (author's transl)] Jaillard J, et al. **Diabete Metab** 2(1):5–9, Mar 76 (Eng. Abstr.) **(Fre)**

[Clinical and biochemical study of 2 cases of lipomatosis] Jamin C, et al. **Nouv Presse Med** 6(23):2043–7, 4 Jun 77 (Eng. Abstr.) **(Fre)**

[Effect of clofibrate on tissue lipase activity in rats] Decoopman E, et al. **Pathol Biol (Paris)** 24(10):691–3, Dec 76 (Eng. Abstr.) **(Fre)**

[Influence of rapeseed oil on lipoprotein lipase activity in pigs (author's transl)] Simonetti MS. **S&TA NU** 6(5–6):273–5, Sep–Dec 76 (Eng. Abstr.) **(Ita)**

[Lipolytic activity of erythrocytes] Michajlik A, et al. **Pol Tyg Lek** 32(17):625–6, 25 Apr 77 (Eng. Abstr.) **(Pol)**

[Some aspects of carbohydrate–lipids metabolism abnormalities in state of hunger (author's transl)] Adamczyk A. **Przegl Lek** 30(10):851–6, 1976 (49 ref.) **(Pol)**

[New results in the clinical investigation of the fat metabolism] Schettler G. **Folia Clin Int (Barc)** 26(10):391–411, Oct 76 **(Spa)**

[Atherosclerosis in Tokyo] Rössner S. **Lakartidningen** 73(46):3970, 10 Nov 76 **(Swe)**

PHARMACODYNAMICS

Differences of lysosomal membranes stabilities recognized between tumor cells and non-tumor cells against lysosome labilizers. Taniguchi T, et al. **J Jpn Soc Cancer Ther** 11(2):218–26, 20 Jun 76

Experimental study on role of lysosomes in cancer chemotherapy. Inagaki J. **Nagoya J Med Sci** 39(3–4):43–58, Mar 77

PHYSIOLOGY

The metabolic role of adipose tissue. pp. 3–6. Shapiro B.

In: Laron Z, Dickerson Z, ed. The adipose child. Basel, Karger, 1976 W1 PE163H v.1 1975.

PEPTIDE HYDROLASES

Serratio test: a new sensitive technique for the detection of anti-RH(D) antibody. Hisanaga S, et al. **Acta Obstet Gynaecol Jpn** 22(3):187–92, Jul 75

Characterization of trypsin-like enzymes from human saliva isolated by use of affinity chromatography. Söder P-O, et al. **Acta Odontol Scand** 35(1):41–50, 1977

Proteolytic degradation of staphylococcal alpha-toxin. Dalen AB. **Acta Pathol Microbiol Scand [B]** 84B(5):309–14, Oct 76

The effects of treatment with enzymatic preparations and tannin phenolic absorbent agents in extracting the olive oil by single pressure process on the oil yield, on the analytical characteristics of the oils of the vegetation waters and of the waste waters. Montedoro G, et al. **Acta Vitaminol Enzymol (Milano)** 30(3):13–27, 1976

A study of the genetical structure of the Cuban population: red cell and serum biochemical markers. González R, et al. **Am J Hum Genet** 28(6):585–96, Nov 76

The inhibition of corneal vascularization in rabbits. Goren SB, et al. **Am J Ophthalmol** 84(3):305–9, Sep 77

Proteolytic, antigenic and immunogenic properties of Schistosoma mansoni cercarial secretion material. Minard P, et al. **Am J Trop Med Hyg** 26(3):491–9, May 77

Removal of blood group determinants from bovine erythrocyte membranes. 3. Action of proteolytic enzymes on intact cells. Hines HC, et al. **Anim Blood Groups Biochem Genet** 7(2):91–9, 1976

Studies of the modified venous allograft. Perloff LJ, et al. **Ann Surg** 186(2):227–32, Aug 77

Serine proteases: structure and mechanism of catalysis. Kraut J. **Annu Rev Biochem** 46:331–58, 1977 (135 ref.)

Purification and partial characterization of hatching protease of the sea urchin, Strongylocentrotus purpuratus. Edwards BF, et al. **Arch Biochem Biophys** 182(2):696–74, Aug 77

The protease problem in Neurospora. Structural modification of the arom multienzyme system during its extraction and isolation. Gaertner FH, et al. **Arch Biochem Biophys** 177(2):566–73, Dec 76

Isolation and characterization of a membrane-bound proteinase from rat liver. Jusic M, et al. **Arch Biochem Biophys** 177(2):355–63, Dec 76

Specific cleavage of lipotropin C-fragment by endopeptidases; evidence for a preferred conformation. Austen BM, et al. **Biochem Biophys Res Commun** 77(1):86–94, 11 Jul 77

The crystal structure of penicillopesin at 6 A resolution. Hsu IN, et al. **Biochem Biophys Res Commun** 72(1):363–8, 7 Sep 76

Intracellular serine protease from Bacillus subtilis. Structural comparison with extracellular serine proteases-subtilisins. Stepanov VM, et al. **Biochem Biophys Res Commun** 77(1):298–305, 11 Jul 77

A proenzyme of cyclic nucleotide-independent protein kinase and its activation by calcium-dependent neutral protease from rat liver. Takai Y, et al. **Biochem Biophys Res Commun** 77(2):542–50, 25 Jul 77

Enzyme instability and proteolysis during the purification of an alcohol dehydrogenase from Drosophila melanogaster. Thatcher DR. **Biochem J** 163(2):317–23, 1 May 77

Preliminary characterization of two thymus-dependent xenoantigens from mouse lymphocytes. Trowbridge IS, et al. **Biochem J** 163(2):211–7, 1 May 77

Rat intestinal alkaline phosphatase: a heterogeneous dimeric glycoprotein. Malik N, et al. **Biochem Soc Trans** 4(4):646–9, 1976

Proteolytic activation of protein C from bovine plasma. Kisiel W, et al. **Biochemistry** 15(22):4893–900, 2 Nov 76

Factor X activating enzyme from Russell's viper venom: isolation and characterization. Kisiel W, et al. **Biochemistry** 15(22):4901–6, 2 Nov 76

The complete amino acid sequence of the major component myoglobin from the arctic minke whale, Balaenoptera acutorostrata. Lehman LD, et al. **Biochemistry** 16(4):706–9, 22 Feb 77

Characterization and isolation of proteolytically modified nerve growth factor. Mobley WC, et al. **Biochemistry** 15(25):5543–52, 14 Dec 76

Edman degradation of radioiodinated parathyroid hormone: application to sequence analysis and hormone metabolism in vivo. Segre GV, et al. **Biochemistry** 16(11):2417–27, 31 May 77

Cross-linking of myosin thick filaments under activating and rigor conditions. A study of the radial disposition of cross-bridges. Sutoh K, et al. **Biochemistry** 16(11):2441–9, 31 May 77

Mechanism of inactivation of gamma-cystathionase by the acetylenic substrate analogue propargylglycine. Washtien W, et al. **Biochemistry** 16(11):2485–91, 31 May 77

Identification of a mucosal form of enteropeptidase in triton X-100 extracts of porcine duodenal mucosa. Barns RJ, et al. **Biochim Biophys Acta** 480(2):450–60, 9 Feb 77

DNA crosslinking induced by x-rays and chemical agents. Fornace AJ Jr, et al. **Biochim Biophys Acta** 477(4):343–55, 16 Aug 77

Sequence analysis of porcine gut GLI-1. Jacobsen H, et al. **Biochim Biophys Acta** 493(2):452–9, 23 Aug 77

Molecular properties of rat intestinal alkaline phosphatase Malik N, et al. **Biochim Biophys Acta** 446(1):105–14, 28 Sep 76

Purification and properties of human liver peptidase. Sugiura M, et al. **Biochim Biophys Acta** 481(2):578–85, 12 Apr 77

Assignment of the peptidase D gene locus (PEPD) to chromosome 19 in man. McAplpine PJ, et al. **Birth Defects** 12(7):204–5, 1976

Receptors for human immunoglobulin on acute myeloid leukaemic leucocytes. Ridway JC, et al. **Br J Cancer** 34(4):346–58, Oct 76

Amino acid sequence of penicillopepsin. IV. Myxobacter AL-1 protease II and Staphylococcus aureus protease fragments and homology with pig pepsin and chymosin. Cunningham A, et al. **Can J Biochem** 54(10):902–14, Oct

76
Partial purification and some properties of a neutral sulfhydryl and an acid proteinase from Entamoeba histolytica. McLaughlin J, et al. **Can J Microbiol** 23(4):420–5, Apr 77
The effect of proteolytic activity on plasma renin activity assay. Tewksbury DA, et al. **Clin Chim Acta** 73(1):67–70, 15 Nov 76
Assignment of the peptidase D gene locus (PEPD) to chromosome 19 in man. McAlpine PJ, et al. **Cytogenet Cell Genet** 16(1–5):204–5, 1976
The primary structure of yeast alcohol dehydrogenase. Jörnvall H. **Eur J Biochem** 72(3):425–42, Feb 77
The functional role of thiol groups in protease-solubilized NADPH–cytochrome c reductase from pork-liver microsomes. Lazar T, et al. **Eur J Biochem** 76(2):365–71, 15 Jun 77
A trypsin-resistant fragment from complexes of ribosomal protein S4 with 16-S RNA of Escherichia coli and from the uncomplexed protein. Newberry V, et al. **Eur J Biochem** 76(1):51–61, 1 Jun 77
Protease I from Escherichia coli. Some physicochemical properties and substrate specificity. Pacaud M, et al. **Eur J Biochem** 69(1):141–51, 1 Oct 76
Controlled proteolysis of flavocytochrome b2. Characterization of a 15000-dalton heme-binding core and comparison with detergent solubilized cytochrome b5. Pompon D, et al. **Eur J Biochem** 68(2):415–23, 15 Sep 76
The amino-acid sequence of the dihydrofolate reductase of a trimethoprim-resistant strain of Escherichia coli. Stone D, et al. **Eur J Biochem** 72(3):613–24, Feb 77
The primary structure of a non-histone chromosomal protein. Walker JM, et al. **Eur J Biochem** 76(2):461–8, 15 Jun 77
A novel procedure for obtaining denuded sea urchin eggs and observations on the role of the vitelline layer in sperm reception and egg activation. Carroll EJ Jr, et al. **Exp Cell Res** 108(2):365–74, Sep 77
The primary structure of the 5 S RNA binding protein L5 of Escherichia coli ribosomes. Chen R, et al. **FEBS Lett** 69(1):240–5, 15 Oct 76
Identification of the reactive sulphydryl group of mitochondrial aspartate aminotransferase from pig heart. Doonan S, et al. **FEBS Lett** 69(1):261–4, 15 Oct 76
Primary structure of alpha-subunit of DNA-dependent RNA polymerase from Escherichia coli. Ovchinnikov YA, et al. **FEBS Lett** 76(1):108–11, 1 Apr 77
Primary structure of protein S20 from the small ribosomal subunit of Escherichia coli. Wittmann-Liebold B, et al. **FEBS Lett** 68(1):110–4, 15 Sep 76
Poly(adenosine diphosphate ribose) is covalently linked to nuclear proteins by two types of bonds. Adamietz P, et al. **Hoppe Seylers Z Physiol Chem** 357(4):527–34, Apr 76
Primary structure of protein L10 from the large subunit of Escherichia coli ribosomes. Heiland I, et al. **Hoppe Seylers Z Physiol Chem** 357(12):1751–70, Dec 76
Primary structure of protein S13 from the small subunit of escherichia coli ribosomes. Lindemann H, et al. **Hoppe Seylers Z Physiol Chem** 358(7):843–63, Jul 77
Elastases from human and canine granulocytes, I. Some proteolytic and esterolytic properties. Ohlsson K, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1245–50, Sep 76
Studies of human IgD myeloma proteins. Proteolytic digestion patterns. Jefferis R, et al. **Immunochemistry** 14(3):171–8, Mar 77
Circular dichroism studies on proteolytic cleavage fragments from rabbit IgG. Stewart GA, et al. **Immunochemistry** 14(4):263–8, Apr 77
Proteolysis of lymphocytic surface immunoglobulin. Hough DW, et al. **Immunology** 32(3):337–43, Mar 77
Some problems involved in postembedding staining. pp. 109–15. Vogt A, et al.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.
Viscometric analysis of conformational transitions in the Escherichia coli chromosome. pp. 138–58. Drlica K, et al.

In: Goulian M, Hanawalt P, ed. DNA synthesis and its regulation. Menlo Park, Calif., Benjamin, 1975. W3 I322 v.3 1975.
Biological activities located within the Fc region of immunoglobulins. pp. 7–24. Stanworth DR, et al.
In: Hemmings WA, ed. Maternofoetal transmission of immunoglobulins. London, Cambridge Univ Press, 1976. W3 C162G v.2 1974.
Some properties of the high molecular weight proteins of sea urchin sperm tail flagella and of re-assembled brain microtubules. pp. 215–27. Burns RG.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976. (60 ref.)
Relationship between the structures and activities of some microbial serine proteases. II. Comparison of the tertiary structures of microbial and pancreatic serine proteases. pp. 125–42. James MN.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (34 ref.)
Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123. Jurasek L, et al.

In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)
Pharmacological and chemical properties of urotensin I and II peptides from the caudal neurosecretory system of bony fish. pp. 589–95. Moore G, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
Exotoxin production by clinical isolates of pseudomonas aeruginosa. Pollack M, et al. **Infect Immun** 15(3):776–80, Mar 77
Ethylenediaminetetraacetic acid-sensitive antiphagocytic activity of Neisseria gonorrhoeae. Rosenthal RS, et al. **Infect Immun** 15(3):817–27, Mar 77
The primary structure of human urogastrone. Gregory H, et al. **Int J Pept Protein Res** 9(2):107–18, 1977
Rapid enzymatic method for partial hydolysis of oilseed proteins for food uses. Sekul AA, et al. **J Am Oil Chem Soc** 54(1):32–5, Jan 77
Purification of the extracellular protease of Bacillus licheniformis and its inhibition by bacitracin. Vitković L, et al. **J Bacteriol** 131(3):891–6, Sep 77
Amino acid sequence of chromatium vinosum ferredoxin: revisions. Hase T, et al. **J Biochem (Tokyo)** 81(6):1745–9, Jun 77
A study of the native-denatured (N in equilibrium with D) transition in lysozyme. II. Kinetic analysis of protease digestion. Imoto T, et al. **J Biochem (Tokyo)** 80(6):1313–8, Dec 76
Amino acid sequences around 1, 2-epoxy-3-(p-nitrophenoxy)propane-reactive residues in rhizopus chinensis acid protease: homology with pepsin and rennin. Nakamura S, et al. **J Biochem (Tokyo)** 81(3):805–7, Mar 77
Alkaline serine proteinases D and E of Streptomyces griseus K-1. Narahashi Y, et al. **J Biochem (Tokyo)** 81(3):587–97, Mar 77
Effect of covalent attachment of polyethylene glycol on immunogenicity and circulating life of bovine liver catalase. Abuchowski A, et al. **J Biol Chem** 252(11):3582–6, 10 Jun 77
Peptide mapping by limited proteolysis in sodium dodecyl sulfate and analysis by gel electrophoresis. Cleveland DW, et al. **J Biol Chem** 252(3):1102–6, 10 Feb 77
Amino acid sequence of phospholipase A2 from horse pancreas. Evenberg A, et al. **J Biol Chem** 252(4):1189–96, 25 Feb 77
Treatment of an encephalitogenic peptide from guinea pig myelin basic protein with alpha-protease and thermolysin. Isolation of fragments and determination of cleavage sites. Nomura K, et al. **J Biol Chem** 252(5):1723–7, 10 Mar 77
Primary structure of rabbit skeletal muscle troponin-T. Purification of cyanogen bromide fragments and the amino acid sequence of fragment CB2. Pearlstone JR, et al. **J Biol Chem** 252(3):971–7, 10 Feb 77
Primary structure of rabbit skeletal muscle troponin-T. Sequence determination of the NH2-terminal fragment CB3 and the complete sequence of troponin-T. Pearlstone JR, et al. **J Biol Chem** 252(3):983–9, 10 Feb 77
Complete covalent structure of statherin, a tyrosine-rich acidic peptide which inhibits calcium phosphate precipitation from human parotid saliva. Schlesinger DH, et al. **J Biol Chem** 252(5):1689–95, 10 Mar 77
Purification and properties of a specific proteolytic enzyme present in spores of Bacillus magaterium. Setlow P. **J Biol Chem** 251(24):7853–62, 25 Dec 76
Proteases from purulent sputum. Purification and properties of the elastase and chymotrypsin-like enzymes. Twumasi DY, et al. **J Biol Chem** 252(6):1917–26, 25 Mar 77
Dengue viruses and mononuclear phagocytes. I. Infection enhancement by non-neutralizing antibody. Halstead SB, et al. **J Exp Med** 146(1):201–17, 1 Jul 77
Preliminary characterization of cell-free K99 antigen isolated from Escherichia coli B41. Morris JA, et al. **J Gen Microbiol** 99(2):353–7, Apr 77
Disulfide bonding of secretory component to a single

monomer subunit in human secretory IgA. Underdown BJ, et al. **J Immunol** 118(5):1816–21, May 77

The evolutionary origin of proinsulin. Amino acid sequence homology with the trypsin-related serine proteases detected and evaluated by new statistical methods. de Haën C, et al. **J Mol Biol** 106(3):639–61, 25 Sep 76

Bacteriophage T4 prehead proteinase. I. Purification and properties of a bacteriophage enzyme which cleaves the capsid precursor proteins. Showe MK, et al. **J Mol Biol** 107(1):35–54, 15 Oct 76

Crystalline states of a modified fibrinogen. Tooney NM, et al. **J Mol Biol** 110(2):363–85, 25 Feb 77

An enzymic technique for the microbiological examination of pharmaceutical gelatin. Chesworth KA, et al. **J Pharm Pharmacol** 29(1):60–1, Jan 77

Hatching enzyme of the sea urchin Strongylocentrotus purpuratus. Barrett D, et al. **Methods Enzymol** 45:354–73, 1976

Cortical granule proteases from sea urchin eggs. Carroll EJ Jr. **Methods Enzymol** 45:343–53, 1976

Active site titration of cysteine proteases. Kézdy FJ, et al. **Methods Enzymol** 45:3–12, 1976

Immobilization of enzymes on hydroxyalkyl methacrylate gels. Turková J. **Methods Enzymol** 44:66–83, 1976

Human platelet fibrinogen: a protein different from plasma fibrinogen. Soria J, et al. **Pathol Biol (Paris)** 24 Suppl:15–7, Dec 76

Homology among acid proteases: comparison of crystal structures at 3A resolution of acid proteases from Rhizopus chinensis and Endothia parasitica. Subramanian E, et al. **Proc Natl Acad Sci USA** 74(2):556–9, Feb 77

In vitro digestibility of barley protein. Büchmann NB. **Riso Rep** (351):1–137, Mar 77

Enzymes as denture cleansers. Budtz-Jörgensen E, et al. **Scand J Dent Res** 85(3):209–15, Mar 77

Primary structure of cholera toxin beta-chain: a glycoprotein hormone analog? Kurosky A, et al. **Science** 195(4275):299–301, 21 Jan 77

Potentiation of the thrombin induced platelet release reaction by fibrin. Niewiarowski S, et al. **Thromb Res** 9(2):181–90, Aug 76

Xenogeneic pancreatic islet transplantation in proteolytic enzyme-bonded diffusion chambers in diabetic rats. Jolley WB, et al. **Transplant Proc** 9(1):363–5, Mar 77

Immunological and physicochemical studies of influenza matrix (M) polypeptides. Oxford JS, et al. **Virology** 74(2):394–402, 15 Oct 76

I. Structural proteins: effects of preparative conditions on the migration of protein in polyacrylamide gels. Sturman LS. **Virology** 77(2):637–49, Apr 77

Properties of proteolytic enzymes isolated from a thermophilic strain of Micromonospora vulgaris 42. Nesterova NG, et al. **Z Allg Mikrobiol** 19(5):353–60, 1976

Effects of the common protective antigen (OEP) and toxoids of protease and elastase from Pseudomonas aeruginosa on protection against hemorrhagic pneumonia in mink. Honda E, et al. **Zentralbl Bakteriol [Orig A]** 237(2–3):297–309, 1977

[Changes in the lysine of spiruline algae samples after various heat treatments] Adrian J. **Ann Nutr Aliment** 29(6):603–13, 1975 (Eng. Abstr.) **(Fre)**

[Anomalous behavior of various proteolytic enzymes in acrylamide agarose gel filtration] Peaucellier G. **Biochimie** 58(10):1273–6, 1976 **(Fre)**

[Purification and characterization of an extracellular protease from Staphylococcus aureus inhibited by EDTA] Saheb SA. **Biochimie** 58(7):793–804, 1976 (Eng. Abstr.) **(Fre)**

[The nucleus of the Selaginella kraussiana spermatazoon. Cytochemical study using electron microscopy] Robert D. **J Ultrastruct Res** (2):178–95, 58 (Eng. Abstr.) **(Fre)**

[The effect of proteinase inhibitors in rats. 1. Report. Effect of a short-term application on the N balance, the free amino acids in liver and muscles and the biological half-life of the intestinal tissue proteins] Simon O, et al. **Arch Tierernaehr** 26(5):307–19, May 76 (Eng. Abstr.) **(Ger)**

[Acute pancreatitis. Aspects of the pathophysiology (author's transl)] Amundsen E. **Leber Magen Darm** 6(4):199–205, Aug 76 **(Ger)**

[The hypersensitive bronchial system] Ulmer WT, et al. **Med Klin** 72(24):1049–62, 17 Jun 77 (76 ref.) **(Ger)**

[Esteroproteinases in the pathophysiology of hypertension] Haberland GL. **Med Welt** 28(8):369–73, 25 Feb 77 **(Ger)**

[Partial enzymatic hydrolysis as a possible method for modifying the functional properties of proteins] Schmandke H. **Nahrung** 21(3):263–7, 1977 **(Ger)**

[Iodigocarmine as substitute dye for lymphography (author's transl)] Koenig H. **Radiol Diagn (Berl)** 17(2):185–9, 1976 (Eng. Abstr.) **(Ger)**

[Immunological damage to erythrocytes] Engelfriet CP, et al. **Schweiz Med Wochenschr** 106(40):1330–6, 2 Oct 76 (Eng. Abstr.) **(Ger)**

[Structural model of factor VIII complex] Furlan M, et al. **Schweiz Med Wochenschr** 106(40):1378, 2 Oct 76 (Eng. Abstr.) **(Ger)**

[A simple biochemical method for the determination of 'dietary fibre' in plant foods (author's transl)] Elchazly M, et al. **Z Lebensm Unters Forsch** 162(4):329–40, 31 Dec 76 (Eng. Abstr.) **(Ger)**

[Study of proteolysis in the serum and bronchial secretions in chronic bronchopneumopathies and in various forms of primary pulmonary emphysema] Brancaccio L. **Arch Monaldi** 30(5–6):363–77, Sep–Dec 75 (Eng. Abstr.) **(Ita)**

[Electric conductivity of lipid membranes in the presence of proteolytic enzymes and their substrates] Kolomytkin OV, et al. **Biofizika** 21(6):1008–12, Nov 76 (Eng. Abstr.) **(Rus)**

[Multiplicity of molecular forms and thermostability of Torula thermophila UzPT-1 protease] Karavaeva NN, et al. **Biokhimiia** 41(11):2001–6, Nov 76 (Eng. Abstr.) **(Rus)**

[Studies on the glycopeptides of canine prothrombin] Timerbaev VN, et al. **Biokhimiia** 42(5):839–42, May 77 (Eng. Abstr.) **(Rus)**

[Isolation and properties of the fibrinolytic enzyme from the Actinomyces thermovulgaris cultural broth] Egorov NS, et al. **Mikrobiologiia** 45:455–9, May–June 76 (Eng. Abstr.) **(Rus)**

[Chemical properties of methionine and its role in proteins] Torchinskiĭ IuM. **Usp Sovrem Biol** 82(6):323–37, Nov–Dec 76 (114 ref.) **(Rus)**

[Markers of attenuated eastern equine encephalitis virus bound to the protein envelope] **Virologie** 27(4):265–71, Oct–Dec 76 **(Rus)**

[Current findings concerning the molecular structure of Cl. botulinum types E and F] Ispolatovskaia MV, et al. **Zh Mikrobiol Epidemiol Immunobiol** (12):22–8, 1976 **(Rus)**

ADMINISTRATION & DOSAGE

[Effects of a proteolytic-enzyme preparation used concomitantly with an antibiotic in osteoarticular infections (author's transl)] Okumura H, et al. **Jpn J Antibiot** 30(3):223–7, Mar 77 (Eng. Abstr.)

[Thrombolytic activity of terrilytin and its effect on the coagulating system of the blood] Andreev SV, et al. **Biull Eksp Biol Med** 82(8):936–7, Aug 76 (Eng. Abstr.) **(Rus)**

[Local effect of terrilytin and its basic component after subconjunctival administration (experimental study)] Volkov VV, et al. **Vestn Oftalmol** (1):41–4, 1977 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Studies on the pathogenicity of Pseudomonas aeruginosa by the use of ligated rabbit intestines (the De test). Okada K, et al. **Jpn J Exp Med** 46(4):245–56, Aug 76

Biological effects of proteolytic enzyme detergents. **Thorax** 31(6):621–34, Dec 76 (74 ref.)

[Experimental studies on the question of the enzymatic destruction of the ossicular bones during middle ear inflammations (author's transl)] Hochgesand K, et al. **Laryngol Rhinol Otol (Stuttg)** 55(3):206–9, Mar 76 (Eng. Abstr.) **(Ger)**

ANALYSIS

Time course of proteolytic enzyme alterations in the motor end-plates after stimulation. Poberai M, et al. **Acta Histochem (Jena)** 57(1):44–8, 1976

Digestive enzymes of three teleost fishes. Agrawal VP, et al. **Acta Physiol Acad Sci Hung** 46(2):93–8, 1975

Proteolytic, antigenic and immunogenic properties of Schistosoma mansoni cercarial secretion material. Minard P, et al. **Am J Trop Med Hyg** 26(3):491–9, May 77

Glycohydrolase contamination of commercial enzymes frequently used in the preparation of fungal cell walls. Davis TE Jr, et al. **Anal Biochem** 80(2):593–600, Jun 77

Radial diffusion as a sensitive method for screening endopeptidase activity in plant extracts. Santarius K, et al. **Anal Biochem** 77(1):1–9, Jan 77

Rapid assay of proteinase activity in papain by measuring the increase in opalescence of a casein solution during hydrolysis. Skelton GS, et al. **Analyst** 101(1209):992–5, Dec 76

Airborne dust, its protease content and byssinosis in 'willowing' mills. Chinn DJ, et al. **Ann Occup Hyg** 19(2):101–8, Nov 76

Agar plate tests of enhanced sensitivity for detecting

biologically active products of staphylococcal filtrates. Madler JJ, et al. **Appl Environ Microbiol** 32(4):575–8, Oct 76

Proteins of the kidney microvillus membrane. Identification of subunits after sodium dodecylsullphate/polyacrylamide-gel electrophoresis. Booth AG, et al. **Biochem J** 159(2):395–407, Nov 76

Inhibitory effect of cycloheximide on gastric secretion in rats. Korbová L, et al. **Biochem Pharmacol** 26(10):979–81, 15 May 77

Digestive processes of haematophagous insects. XI. Partial purification and some properties of six proteolytic enzymes from the tsetse fly Glossina morsitans morsitans Westwood (Diptera: Glossinidae). Gooding RH, et al. **Can J Zool** 54(11):1950–9, Nov 76

Quantitation of fibrinolytic activity of Syrian hamster fibroblasts using 3H-labeled fibrinogen prepared by reductive alkylation. Barrett JC, et al. **Cancer Res** 37(4):1182–5, Apr 77

Detection of peptidase activity in albumin preparations. Caygill CP. **Clin Chim Acta** 78(3):507–9, 1 Aug 77

The target cell in the chemical induction of carcinomas in mouse submandibular gland. Wigley CB, et al. **Eur J Cancer** 12(9):737–41, Sep 76

Relationships between mucosal hydrolysis and transport of two phenylalanine dipeptides. Silk DB, et al. **Gut** 17(11):870–6, Nov 76

A neutrophil-dependent pathway for the generation of a neutral peptide mediator. II. Subcellular localization of the neutrophil protease. Wintroub BU, et al. **Immunology** 33(1):41–9, Jul 77

Use of a heme octapeptide as an electron microscope tracer. pp. 71–81. Kraehenbuhl JP, et al. **In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.**

Large-scale purification and characterization of the exotoxin of Pseudomonas aeruginosa. Leppla SH. **Infect Immun** 14(4):1077–86, Oct 76

Extracellular acid protease of Aspergillus oryzae grown on liquid media: multiple forms due to association with heterogeneous polysaccharides. Tsujita Y, et al. **J Bacteriol** 130(1):48–56, Apr 77

Chemical properties of the polysaccharides associated with acid protease of Aspergillus oryzae grown on solid bran media. Tsujita Y, et al. **J Biochem (Tokyo)** 81(4):1063–70, Apr 77

Fractionation of of proteolytic enzymes by affinity chromatography on sepharose aminocaproyl proflavin. Brantner JH, et al. **J Chromatogr** 129:97–105, 22 Dec 76

Myelin composition in acute and chronic multiple sclerosis in relation to cerebral lysosomal activity. Cuzner ML, et al. **J Neurol Sci** 29(2–4):323–34, Oct 76

Progressive enhancement in the secretory functions of the digestive system of the rat in the course of cold acclimation. Harada E, et al. **J Physiol (Lond)** 260(3):629–45, Sep 76

Proteolytic enzyme activity in the granulation tissue of the human burn wound. Nathan P, et al. **J Trauma** 16(11):912–8, Nov 76

Cortical granule proteases from sea urchin eggs. Carroll EJ Jr. **Methods Enzymol** 45:343–53, 1976

Some sensitive methods for the assay of trypsinlike enzymes. Coleman PL, et al. **Methods Enzymol** 45:12–26, 1976

Modification of Cunningham's method for the detection of proteases in tissue sections. Michel C, et al. **Microsc Acta** 79(2):145–52, Mar 77

Factor B of the alternative complement pathway on human lymphocytes. Halbwachs L, et al. **Scand J Immunol** 5(6–7):697–704, 1976

Nephritic factor: its structure and function and its relationship to initiating factor of the alternative pathway. Schreiber RD, et al. **Scand J Immunol** 5(6–7):705–13, 1976

Enzymic activities of commercial preparations of pancreatic enzymes. Drummond S, et al. **Scott Med J** 22(3):221–4, Jul 77

Properties of proteolytic enzymes isolated from a thermophilic strain of Micromonospora vulgaris 42. Nesterova NG, et al. **Z Allg Mikrobiol** 19(5):353–60, 1976

Airborn bacteria in the atmosphere of Kuwait. Diab A, et al. **Zentralbl Bakteriol [Naturwiss]** 131(3):535–44, 1976

[Contribution to the course of enzymatic processes in inflamed tissue of rat paw (author's transl)] Wolf G. **Arzneim Forsch** 27(3):542–3, 1977 (Eng. Abstr.) **(Ger)**

[Experimental studies on the question of the enzymatic destruction of the ossicular bones during middle ear inflammations (author's transl)] Hochgesand K, et al. **Laryngol Rhinol Otol (Stuttg)** 55(3):206–9, Mar 76 (Eng. Abstr.) **(Ger)**

[The automated kinetic determination of enzyme activities and constituents of plants. 3. Determination of bromelain (author's transl)] Schwerdtfeger E. **Z Lebensm Unters Forsch** 162(1):31–5, 27 Sep 76 **(Ger)**

[Significance of proteolytic spermatic enzymes in fertility] Török L. **Orv Hetil** 118(13):751–3, 27 Mar 77 **(Hun)**

[Study of proteolysis in the serum and bronchial secretions in chronic bronchopneumopathies and in various forms of primary pulmonary emphysema] Brancaccio L. **Arch Monaldi** 30(5–6):363–77, Sep-Dec 75 (Eng. Abstr.) **(Ita)**

[Quantitative changes in gastric juice proteases in dogs during ulcer formation in the stomach] Amirov NSh, et al. **Biull Eksp Biol Med** 83(4):408–11, Apr 77 (Eng. Abstr.) **(Rus)**

[Determination of amylo-, lipo- and general proteolytic activity of feces in infants] Skvarko SI, et al. **Lab Delo** (6):371, Jun 77 **(Rus)**

[Enzyme composition of the lysosomes of Aspergillus clavatus] Ivanova GS, et al. **Mikrobiologiia** 46(2):239–44, Mar-Apr 77 (Eng. Abstr.) **(Rus)**

[Characteristics of extracellular proteolytic enzymes of Actinomyces fradiae 0072] Kashkin AP, et al. **Prikl Biokhim Mikrobiol** 12(4):563–71, Jul-Aug 76 (Eng. Abstr.) **(Rus)**

[Peptidases of preparations of proteolytic enzymes from several species of bacteria, molds and actinomycetes] Lysenkov NV. **Prikl Biokhim Mikrobiol** 12(1):24–9, Jan-Feb 76 (Eng. Abstr.) **(Rus)**

[Proteolytic activity of sputum and bronchial secretion in lung diseases] Pan'shina GS, et al. **Sov Med** (4):41–5, Apr 76 (Eng. Abstr.) **(Rus)**

[Local effect of terrilytin and its basic component after subconjunctival administration (experimental study)] Volkov VV, et al. **Vestn Oftalmol** (1):41–4, 1977 (Eng. Abstr.) **(Rus)**

[Reaction of n-benzoquinone with aminoderivatives and its use in biochemistry] Khramov VA, et al. **Vopr Med Khim** (1):110–4, Jan-Feb 77 (Eng. Abstr.) **(Rus)**

[Isolation of the islands of Langerhans from rat pancreas and determination of proteolytic activity in them] Pigareva MI, et al. **Vopr Med Khim** 22(1):137–40, Jan-Feb 76 (Eng. Abstr.) **(Rus)**

[Sensitive method for determination of proteolytic activity] Martinenko FP. **Ukr Biokhim Zh** 49(3):121–5, May-Jun 77 (Eng. Abstr.) **(Ukr)**

ANTAGONISTS & INHIBITORS

Similarity in active site arrangement of neutral protease from calf thymus chromatin and trypsin. Kowalska-Loth B, et al. **Acta Biochim Pol** 23(2–3):139–44, 1976

Proteolytic activity of subcellular fractions from Streptomyces griseus no. 45-H. Valu G, et al. **Acta Biol Acad Sci Hung** 27(2–3):171–5, 1976

Purification and properties of two protease inhibitors from rat skin inhibiting papain and other SH-proteases. Järvinen M. **Acta Chem Scand [B]** 30(10):933–40, 1976

Concept on mechanism and regulation of intracellular enzyme degradation in mammalian tissues. Katunuma N, et al. **Adv Enzyme Regul** 14:325–45, 1976 (26 ref.)

Risk factors in chronic obstructive pulmonary disease (COPD). Cohen BH, et al. **Am J Epidemiol** 105(3):223–32, Mar 77

Possible mechanisms of emphysema in smokers: cigarette smoke condensate suppresses protease inhibition in vitro. Janoff A, et al. **Am Rev Respir Dis** 116(1):65–72, Jul 77

Effect of endotracheal anaesthesia on the activity of lysosomal enzymes in peripheral blood granulocytes. Gaszynski W, et al. **Anaesth Resusc Intensive Ther** 4(1):3–9, Jan-Mar 76

The inhibitory effect of multiple sclerosis and control sera on certain myelin-catabolizing enzymes. Norstrand IF, et al. **Ann Neurol** 2(1):84–5, Jul 77

Protease and antiprotease levels in blood of arthritic rats. Parrott DP, et al. **Ann Rheum Dis** 36(2):166–9, Apr 77

Mating reaction in Saccharomyces cerevisiae. X. Agglutinability-inactivating factor: a factor which destroys sexual agglutinability of a mating-type cells. Shimoda C, et al. **Antonie van Leeuwenhoek** 42(4):511–21, 1976

Partial purification of adenosine 3',5'-cyclic monophosphate phosphodiesterases from rat pancreas in the presence of excess protease inhibitors. Terai M, et al. **Arch Biochem Biophys** 176(2):621–9, Oct 76

Inactivation of trypsin-like proteases by active-site-directed sulfonylation. Ability of the departing group to confer selectivity. Wong SC, et al. **Arch Biochem Biophys** 176(1):113–8, Sep 76

Nitrogen dioxide and pulmonary proteolytic enzymes. Effect on lung tissue and macrophages. Rynbrandt D. **Arch Environ Health** 32(4):165–72, Jul-Aug 77

Some characteristics of a hatching enzyme produced by the marine Teleost, Gobius jozo [proceedings]. Denucé JM. **Arch Int Physiol Biochim** 84(5):1067–8, Dec 76

Proteolytic activity associated with tumour growth and metastasis. Influence of trypsin inhibitor (soya bean) on Ehrlich ascites tumour growth [proceedings]. Verloes R, et al. **Arch Int Physiol Biochim** 84(5):1119–20, Dec 76

Glucocorticosteroid inhibition of nonphagocytic discharge of lysosomal enzymes from human neutrophils. Ignarro LJ. **Arthritis Rheum** 20(2):73–83, Jan–Feb 77

The metabolic stability of the enkephalins. Miller RJ, et al. **Biochem Biophys Res Commun** 74(4):1311–7, 21 Feb 77

The regulation by carbon dioxide of protein synthesis in tomato leaves. Ryan CA. **Biochem Biophys Res Commun** 77(3):1004–8, 8 Aug 77

A new serum component which specifically inhibits thiol proteinases. Sasaki M, et al. **Biochem Biophys Res Commun** 76(3):917–24, 6 Jun 77

Inhibition of protein degradation in isolated rat hepatocytes. Hopgood MF, et al. **Biochem J** 164(2):399–407, 15 May 77

The subunit structure of the arom multienzyme complex of Neurospora crassa. A possible pentafunctional polypeptide chain. Lumsden J, et al. **Biochem J** 161(3):599–607, 1 Mar 77

Endogenous anti-inflammatory proteins. Lewis DA. **Biochem Pharmacol** 26(8):693–8, 15 Apr 77 (86 ref.)

Effect of cyproterone acetate on the proteinase activities of adult rat testis and epididymis. Nag S, et al. **Biochem Pharmacol** 26(1):5–6, 1 Jan 77

The inhibition of rat liver chromatin protease by congeners of the phenylboronic acids. Carter DB, et al. **Biochim Biophys Acta** 484(1):103–8, 15 Sep 77

Characterization of a chemotactic and cytotoxic proteinase from human skin. Hatcher VB, et al. **Biochim Biophys Acta** 483(1):160–71, 8 Jul 77

Structural and functional determinants of Mucor miehei protease VI. Inactivation of the enzyme by diazoacetyl norleucine methyl esters, pepstatin and 1,2-epoxy-30(p-nitro-phenyoxy)propane. Rickert WS, et al. **Biochim Biophys Acta** 480(1):262–74, 11 Jan 77

Aromatic Tris-amidines. A new class of highly active inhibitors of trypsin-like proteases. Tidwell RR, et al. **Biochim Biophys Acta** 445(3):729–38, 11 Oct 76

Inactivation of proteases and esterases by halomethylated derivatives of dihydrocoumarins. Béchet JJ, et al. **Biochimie** 59(3):241–6, 1977

Quantitation and characterization of alpha1-antitrypsin in amniotic fluid from first trimester pregnancies. Sawyer TH, et al. **Birth Defects** 12(6):303–8, 1976

Antiproteolytic activity in foetal organs with high fibrinolytic potential. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):770–1, 15 Jun 76

Antiproteolytic activity in human coronary arteries affected by long-dating atherosclerosis. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):761–3, 15 Jun 76

Antiproteolytic activity in foetal organs with low fibrinolytic potential. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):767–9, 15 Jun 76

Histochemical method to detect antiproteolytic activity in tissues. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):758–60, 15 Jun 76

Serum proteinase inhibitors and other serum proteins in protein-energy malnutrition. Schelp FP, et al. **Br J Nutr** 38(1):31–8, Jul 77

Use of protease inhibitors to protect subcutaneously injected peptide hormones against local degradation [proceedings]. Parsons JA, et al. **Br J Pharmacol** 59(3):489P–490P, Mar 77

Partial purification and some properties of a neutral sulfhydryl and an acid proteinase from Entamoeba histolytica. McLaughlin J, et al. **Can J Microbiol** 23(4):420–5, Apr 77

Estrogen receptor and proteolytic activity in human breast tumor nuclei. Garola RE, et al. **Cancer Res** 37(9):3329–32, Sep 77

Inactivation of glucocorticoid receptors in cell-free preparations of rat liver. Nielsen CJ, et al. **Cancer Res** 37(9):3420–6, Sep 77

Urticaria and fibrinolysis. Ryan TJ. **Clin Exp Dermatol** 2(2):177–82, Jun 77 (26 ref.)

Physical urticaria and sport. Mikhailov P, et al. **Cutis** 20(3):381–4, 389–90, Sep 77

Therapeutic problems with giant congenital pigmented nevi. Baar AJ, et al. **Dermatologica** 154(5):305–8, 1977

A polyvalent proteinase inhibitor from horse-blood-leucocyte cytosol. Isolation, purification and some molecular parameters. Dubin A. **Eur J Biochem** 73(2):429–35, Mar 1 77

Cell spreading factor. Occurrence and specificity of action. Grinnell F. **Exp Cell Res** 102(1):51–62, 1 Oct 76

Physiological responses of sea urchin eggs to stimulation by calcium ionophore A23187 analysed with protease inhibitors. Schuel H, et al. **Exp Cell Res** 103(2):442–7, Dec 76

Characterization of a protein inhibitor of intracellular protease from Bacillus subtilis. Millet J. **FEBS Lett** 74(1):59–61, 15 Feb 77

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

Active-site labelling of kallikreins by chloromethylketone derivatives. Sampaio CA, et al. **Gen Pharmacol** 7(2–3):163–6, Aug 76

Effect of potato protease inhibitor on the clotting system and fibrinolysis in the dog. Worowski K, et al. **Haematologia (Budap)** 10(3–4):331–7, 1976

Localization of seminal plasma proteinase inhibitors in human spermatozoa as revealed by the indirect immunofluorescence technique. Dietl T, et al. **Hoppe Seylers Z Physiol Chem** 357(10):1333–7, Dec 76

Studies on the proteinase-A inhibitor I3A from yeast. Núñez de Castro I, et al. **Hoppe Seylers Z Physiol Chem** 357(5):727–34, May 76

Isolation and partial characterization of a low molecular weight acid stable protease inhibitor from human bronchial secretion. Ohlsson K, et al. **Hoppe Seylers Z Physiol Chem** 358(5):583–9, May 77

Inhibitors of acrosin and granulocyte proteinases from human genital tract secretions. Schiessler H, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1251–60, Sep 76

The interactions between a low molecular weight protease inhibitor of bronchial mucus and chymotrypsin-like cationic proteins of granulocytes. Tegner H, et al. **Hoppe Seylers Z Physiol Chem** 358(3):431–3, Apr 77

Localization of a low molecular weight protease inhibitor to tracheal and mixillary sinus mucosa. Tegner H, et al. **Hoppe Seylers Z Physiol Chem** 358(3):425–9, Apr 77

A neutrophil-dependent pathway for the generation of a neutral peptide mediator. II. Subcellular localization of the neutrophil protease. Wintroub BU, et al. **Immunology** 33(1):41–9, Jul 77

Protease inhibitors and hemagglutinins of legumes. pp. 284–303. Liener IE.
In: Bodwell CE, ed. Evaluation of proteins for humans. Westport, Conn., AVI, 1977. QU 55 I604e 1975. (62 ref.)

Generation of a vasoactive peptide by a neutral protease of human neutrophil leukocytes. pp. 183–90. Movat HZ, et al.
In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.

Neutrophil generation of permeability enhancing peptides from plasma substrates. pp. 391–416. Movat HZ, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (34 ref.)

The function of heparin. pp. 101–19. Rosenberg RD.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Effects of protease-inhibitors of microbial origin on experimental carcinogenesis. pp. 57–69. Matsushima T, et al.
In: Magee PN, et al., ed. Fundamentals in cancer prevention. Baltimore, Univ Park Press, 1976. QZ 200 F982 1975.

Blocking tumor promotion by protease inhibitors. pp. 41–55. Troll W.
In: Magee PN, et al., ed. Fundamentals in cancer prevention. Baltimore, Univ Park Press, 1976. QZ 200 F982 1975.

Proteinases and proteinase inhibitors in fertilization. p. 405. Schleuning WD, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.

Natural plant enzyme inhibitors: Part III-purification of protease inhibitors from Lathyrus sativus seeds. Bhat PG, et al. **Indian J Biochem Biophys** 13(4):339–43, Dec 76

Serum protein and enzyme polymorphism in the Dhangars of Maharashtra. Mukherjee BN, et al. **Indian J Med Res** 64(8):1240–4, Aug 76

A study of proteinase inhibition by simulation of inhibitor reactive site regions: interaction of the C-terminal undecapeptide of ovein prolactin with some proteinases. Rigbi M, et al. **Int J Pept Protein Res** 9(4):272–6, 1977

Pseudomonas protease. Purification, partial characterization, and its effect on collagen, proteoglycan, and rabbit corneas. Kessler E, et al. **Invest Ophthal Visual Sci** 16(6):488–97, Jun 77

Alpha-1 antitrypsin in childhood asthma. Schwartz RH, et al. **J Allergy Clin Immunol** 59(13):31-4, Jan 77

Effects of protease inhibitors of actinomycetes on the first component of human complement. Takahashi K, et al. **J Antibiot (Tokyo)** 29(9):983-5, Sep 76

Purification and characterization of a neutral protease from Saccharomycopsis lipolytica. Abdelal AT, et al. **J Bacteriol** 130(3):1125-9, Jun 77

Oxygen-dependent inactivation of gramicidin S synthetase in Bacillus brevis. Friebel TE, et al. **J Bacteriol** 130(3):1010-6, Jun 77

The structure and function of acid proteases. VI. Effects of acid protease-specific inhibitors on the acid proteases from Aspergillus niger var. macrosporus. Chang WJ, et al. **J Biochem (Tokyo)** 80(5):975-81, Nov 76

Kallikrein inhibitors in rat plasma. Hojima Y, et al. **J Biochem (Tokyo)** 81(1):37-46, Jan 77

Acid proteases. I. Inactivation of Cladosporium acid protease by diazoacetyl-DL-norleucine methyl ester as an active-site-directed irreversible inhibitor. Kanazawa H. **J Biochem (Tokyo)** 81(6):1739-44, Jun 77

Interaction of Asp. melleus Semi-alkaline protease with benzeneboronic acid. Nakatani H, et al. **J Biochem (Tokyo)** 81(5):1269-72, May 77

The amino acid sequences of two soybean double headed proteinase inhibitors and evolutionary consideration on the legume proteinase inhibitors. Odani S, et al. **J Biochem (Tokyo)** 80(3):641-3, Sep 76

In vitro effects of streptomyces protease inhibitors on human kidney renin activity. Overturf M, et al. **J Biochem (Tokyo)** 81(5):1579-81, May 77

The occurence of a neutral protease and its inhibitor in rat peritoneal macrophages. Suzuki Y, et al. **J Biochem (Tokyo)** 82(1):215-20, Jul 77

The structure and function of acid proteases. IV. Inactivation of the acid protease from Mucor pusillus by acid protease-specific inhibitors. Takahashi K, et al. **J Biochem (Tokyo)** 80(1):61-7, Jul 76

The structure and function of acid proteases. V. Comparative studies on the specific inhibition of acid proteases by diazoacetyl-DL-norleucine methyl ester, 1,2-epoxy-3-(p-nitrophenoxy) propane and pepstatin. Takahashi K, et al. **J Biochem (Tokyo)** 80(3):497-506, Sep 76

Natural occurrence and chemical modification of proteinase B inhibitors from yeast. Bünning P, et al. **J Biol Chem** 252(15):5316-23, 10 Aug 77

Specificity of protein turnover in tomato leaves. Accumulation of proteinase inhibitors, induced with the wound hormone, PIIF. Gustafson G, et al. **J Biol Chem** 251(22):7004-10, 25 Nov 76

Mode of inhibition of acid proteases by pepstatin. Marciniszyn J Jr, et al. **J Biol Chem** 251(22):7088-94, 25 Nov 76

Metalloproteases of human articular cartilage that digest cartilage proteoglycan at neutral and acid pH. Sapolsky AI, et al. **J Clin Invest** 58(4):1030-41, Oct 76

Changes in protease inhibitors after acute myocardial infarction. Rennie JAN, et al. **J Clin Pathol** 29(7):639-41, Jul 76

Biochemical studies on precatorine. (II) Insulinase inhibitory action of L-tryptophan and its N-methyl derivatives. Tung YC, et al. **J Formosan Med Assoc** 75(12):681-5, Dec 76

Neutral proteases of human granulocytes. IV. Interaction between human granulocyte collagenase and plasma protease inhibitors. Ohlsson K, et al. **J Lab Clin Med** 89(2):269-77, Feb 77

Prevalence of of alpha 1-antitrypsin Pi types among newborn infants of different ethnic backgrounds. Evans HE, et al. **J Pediatr** 90(4):621-4, Apr 77

Proteinase inhibitors from cereal grains. Birk Y. **Methods Enzymol** 45:723-8, 1976

Proteinase inhibitors from plant sources. Birk Y. **Methods Enzymol** 45:695-7, 1976

Proteinase inhibitors from legume seeds. Birk Y. **Methods Enzymol** 45:697-700, 1976

Proteinase inhibitors from potatoes. Birk Y. **Methods Enzymol** 45:728-39, 1976

Albumin gland inhibitor from snails (Helix pomatia). Dietl T, et al. **Methods Enzymol** 45:785-92, 1976

Proteinase inhibitors from guinea pig seminal vesicles. Fink E, et al. **Methods Enzymol** 45:825-33, 1976

Proteinase inhibitors from boar seminal plasma. Fritz H, et al. **Methods Enzymol** 45:834-47, 1976

Proteinase (elastase) inhibitors from dog submandibular glands. Fritz H, et al. **Methods Enzymol** 45:860-9, 1976

Proteinase inhibitors from the venom of Russell's viper. Iwanaga S, et al. **Methods Enzymol** 45:874-81, 1976

Acid-stable proteinase inhibitors from human seminal plasma. Schiessler H, et al. **Methods Enzymol** 45:847-59, 1976

Structures and activities of protease inhibitors of microbial origin. Umezawa H. **Methods Enzymol** 45:678-95, 1976

Broad-specificity inhibitors from sea anemones. Wunderer G, et al. **Methods Enzymol** 45:881-8, 1976

Presence of a proteinase in polyribosomes of rat liver. Levyant MI, et al. **Mol Biol (Mosk)** 10(4):634-9, Jul-Aug 76

The extracellular metalloprotease of Serratia marcescens: I. Purification and characterization. Aiyappa PS, et al. **Mol Cell Biochem** 13(2):95-100, 30 Nov 76

Subcellular localisation of leucine-enkephalin-hydrolysing activity in rat brain. Lane AC, et al. **Nature** 269(5623):75-6, 1 Sep 77

Low molecular weight organic acids as inhibitors of kinin-forming activity of a rodent tumor acid protease and human plasma kallikrein. Back N, et al. **Pharmacol Res Commun** 8(1):31-42, Feb 76

Anti-inflammatory and antiproteolytic properties of substituted guanidines. Kishore V, et al. **Pharmacology** 15(2):97-103, 1977

A soluble ATP-dependent proteolytic system responsible for the degradation of abnormal proteins in reticulocytes. Etlinger JD, et al. **Proc Natl Acad Sci USA** 74(1):54-8, Jan 77

Nutritional effects of field-bean (Vicia faba L.) protease inhibitors and field beans fed to rats [proceedings]. Abbey BW, et al. **Proc Nutr Soc** 35(2):84A-86A, Sep 76

The role of alpha-macroglobulins in corneal ulceration. Berman MB. **Prog Clin Biol Res** 5:225-59, 1976 (55 ref.)

The trace components of plasma: an overview. Putnam FW. **Prog Clin Biol Res** 5:1-24, 1976

Inhibition of elastase from granulocytes by the low molecular weight bronchial protease inhibitor. Ohlsson K, et al. **Scand J Clin Lab Invest** 36(5):437-45, Sep 76

Human leukocyte migration inhibitory factor (LIF). I. Effect of synthetic and naturally occurring esterase and protease inhibitors. Bendtzen K. **Scand J Immunol** 6(1-2):126-31, 1977

Human leukocyte migration inhibitory factor (LIF). I. Effect of synthetic and naturally occurring esterase and protease inhibitors. Bendtzen K. **Scand J Immunol** 6(1-2):125-31, 1977

Human leukocyte migration inhibitory factor (LIF). II. Partial biochemical characterization of the substrate specificities for this lymphokine. Bendtzen K. **Scand J Immunol** 6(1-2):133-40, 1977

Esterolytic and proteolytic activities of snake venoms and their inhibition by proteinase inhibitors. Geiger R, et al. **Toxicon** 15(3):257-9, 1977

Factors affecting the hemolytic activity of the oriental hornet (Vespa orientalis) venom and venom sac extracts. Joshua H, et al. **Toxicon** 15(3):247-50, 1977

Effect of antirheumatic drugs on neutral protease from human leucocyte granules. Kruze D, et al. **Z Rheumatol** 35(9-10):337-46, Sep-Oct 76

[The genetics of the protease inhibitor system and osteospongiosis. Statistical study in 199 patients] Martin JP, et al. **Ann Otolaryngol Chir Cervicofac** 93(12):733-6, Dec 76 (Eng. Abstr.) **(Fre)**

[The degradation of radioiodinated alpha MSH in vitro: effect of some inhibitors of proteolytic enzymes] Trochard MC, et al. **C R Soc Biol (Paris)** 170(5):1103-9, 1976 (Eng. Abstr.) **(Fre)**

[Pi W3 Constantine, new allele of Pi system] Khitri A, et al. **Sem Hop Paris** 53(16):909-10, 23 Apr 77 (Eng. Abstr.) **(Fre)**

[The effect of proteinase inhibitors in rats. 1. Report. Effect of a short-term application on the N balance, the free amino acids in liver and muscles and the biological half-life of the intestinal tissue proteins] Simon O, et al. **Arch Tierernaehr** 26(5):307-19, May 76 (Eng. Abstr.) **(Ger)**

[On the efficiency of new antiinflammatory agents. A comparative study (author's transl)] Mörsdorf K, et al. **Arzneim Forsch** 27(3):531-3, 1977 (Eng. Abstr.) **(Ger)**

[Contribution to the course of enzymatic processes in inflamed tissue of rat paw (author's transl)] Wolf G. **Arzneim Forsch** 27(3):542-3, 1977 (Eng. Abstr.) **(Ger)**

[The significance of acrosin and proteinase-inhibitors in human reproduction] Schill WB. **Fortschr Med** 95(12):790-2, 24 Mar 77 (Eng. Abstr.) **(Ger)**

[Serum concentrations of proteinase inhibitors, complement components and of acid alpha-1-glucoprotein in children with myocarditis (author's transl)] Lubec G, et al. **Klin Paediatr** 189(4):253-8, Jul 77 (Eng. Abstr.) **(Ger)**

[The investigation of a low molecular acid stable proteinase inhibitor in the middle ear secretion (author's transl)] Kastenbauer ER, et al. **Laryngol Rhinol Otol (Stuttg)** 56(3):201-6, Mar 77 (Eng. Abstr.) **(Ger)**

[Immunologic and biochemical analysis of uteroglobin and

uteroglobin-like antigen of the lung] Beier HM. **Med Welt** 28(16):788-92, 22 Apr 77 **(Ger)**

[Proteinases (inhibitors) in plasma and fistula secretions in patient with high fistulas of the small intestine] Wendt P, et al. **Med Welt** 28(21):974-7, 27 May 77 **(Ger)**

[Natural proteinase inhibitors] Schmidt E, et al. **Pharm Unserer Zeit** 6(2):31-41, Mar 77 **(Ger)**

[Inhibition of cathepsins from trout muscle and from bovine spleen by proteinase inhibitors of potato tubers (author's transl)] Busse T, et al. **Z Lebensm Unters Forsch** 162(4):357-64, 31 Dec 76 **(Ger)**

[Inhibitors for trypsin and chymotrypsin in seeds of the broad bean (Vicia faba) (author's transl)] Ortanderl H, et al. **Z Lebensm Unters Forsch** 163(1):31-4, 1977 (Eng. Abstr.) **(Ger)**

[Kinins and enzymatic activities related to them in the inflammatory process] Ambanelli U, et al. **Acta Vitaminol Enzymol (Milano)** 30(3):44-57, 1976 (23 ref.) (Eng. Abstr.) **(Ita)**

[Lysosomal lesions during a course of acute experimental muscular ischemia. Protective effect of a polypetitide proteinase inhibitor] Digiesi V, et al. **Arch Sci Med (Torino)** 133(2):93-7, Apr-Jun 76 (Eng. Abstr.) **(Ita)**

Antiproteolytic activity in human placenta and decidua. Fornasari PM, et al. **Boll Soc Ital Biol Sper** 52(11):764-6, 15 Jun 76 **(Ita)**

[Blood and synovial levels of C 3-activator (beta-2-glycoprotein II) in rheumatoid arthritis] Ambanelli U, et al. **Reumatismo** 27(1):37-44, 1975 (Eng. Abstr.) **(Ita)**

[Circulating antiproteases. Correlation and relationships with the indices of inflammation] Ambanelli U, et al. **Reumatismo** 27(1):32-6, 1975 (Eng. Abstr.) **(Ita)**

[Mechanism and regulation of proteolytic processes in yeast (author's transl)] Holzer H, et al. **J Jpn Biochem Soc** 48(10):962-70, 25 Oct 76 (57 ref.) **(Jpn)**

[Pharmacodynamics of therapeutic agents for pancreatitis. Effect of a synthetic protease inhibitor on the serum alpha1-antitrypsin and alpha2-macroglobulin levels] Nakajima S, et al. **Jpn J Gastroenterol** 73(6):668-76, Jun 76 (Eng. Abstr.) **(Jpn)**

[Research progress of secondary metabolites produced by microorganisms--enzyme inhibitors (author's transl)] Umezawa H. **Protein Nucleic Acid Enzyme (Tokyo)** 21(10):776-90, Oct 76 (62 ref.) **(Jpn)**

[Phenolic inhibitor of a proteinase from buckwheat seeds] Belozerskiĭ MA. **Biokhimiia** 42(2):359-62, Feb 77 (Eng. Abstr.) **(Rus)**

[Study of nystatin effect on nuclear proteases of dog kidney causing degradation of acid-soluble proteins of chromatin] Kravchenko LS, et al. **Biokhimiia** 42(4):687-92, Apr 77 (Eng. Abstr.) **(Rus)**

[Physico-chemical properties of a protein-inhibitor of serine proteinases from the potato] Shul'mina AI, et al. **Biokhimiia** 41(7):1229-34, 1976 (Eng. Abstr.) **(Rus)**

[Comparative assessment of the therapeutic effect of inhitryl in tourniquet shock (experimental study)] Kharchenko VZ, et al. **Farmakol Toksikol** 40(2):187-90, Mar-Apr 77 (Eng. Abstr.) **(Rus)**

[Exocrine function of the pancreas under the effect of different doses of hexachlorocyclohexane] Zakirov UB, et al. **Farmakol Toksikol** 39(4):455-8, Jun-Aug 76 (Eng. Abstr.) **(Rus)**

[Experimental study of 131I-labelled proteolytic enyzyme inhibitors] Starovoĭtova LP, et al. **Med Radiol (Mosk)** 22(5):40-9, May 77 (Eng. Abstr.) **(Rus)**

[Experimental therapy of periodontosis with elastase inhibitor] Barabash RD, et al. **Patol Fiziol Eksp Ter** (6):58-63, Nov-Dec 76 (Eng. Abstr.) **(Rus)**

[Characteristics of the proteolytic complex of Clostridium perfringens type A] Novoselova GN, et al. **Prikl Biokhim Mikrobiol** 12(6):890-903, Nov-Dec 76 (Eng. Abstr.) **(Rus)**

[Theoretical grounds of a trend of pathogenetic therapy of tuberculosis] Puzik VI, et al. **Probl Tuberk** (9):57-63, Sep 76 **(Rus)**

[Treatment of acute pancreatitis with proteinase inhibitors] Seferovskiĭ LE, et al. **Sov Med** (10):109-13, Oct 76 (Eng. Abstr.) **(Rus)**

[Inhibitors of proteolysis in the complex therapy of allergic lesions of the oral mucosa] Danilevskiĭ NF, et al. **Stomatologiia (Mosk)** 56(1):30-2, Jan-Feb 77 (Eng. Abstr.) **(Rus)**

[Enzymes and protein inhibitors in surgery] Struchkov VI, et al. **Vestn Akad Med Nauk SSSR** (9):74-9, 1976 (Eng. Abstr.) **(Rus)**

[Protelin in experimental laser goniopuncture and laser iridectomy] Polunin GS, et al. **Vestn Oftalmol** (2):9-15, Mar-Apr 77 (Eng. Abstr.) **(Rus)**

[Intra-articular treatment of osteoarthrosis of the knee joint using antilysine] Tauchmannová H, et al. **Vopr Revm** (4):56-7, Oct-Dec 76 **(Rus)**

[Importance of biochemical studies in the diagnosis of otorhinolaryngologic neoplasms] Beremeenko KN, et al. **Zh Ushn Nos Gorl Bolezn** (1):63-8, Jan-Feb 76 (Eng. Abstr.) **(Rus)**

[Biochemical changes in laryngeal cancer] Goloborod'ko OP. **Zh Ushn Nos Gorl Bolezn** (1):112-6, 1977 (96 ref.) **(Rus)**

BIOSYNTHESIS

Physiology and characterization of a fungal milk-clotting enzyme from Aspergillus flavus. Foda MS, et al. **Acta Microbiol Pol** 25(4):337-43, 1976

Biosynthesis of alpha-amylase and protease by Streptomyces olivaceus 142. II. Biosynthesis of protease. Wojskowicz J. **Acta Microbiol Pol** 26(2):163-70, 1977

Proteolytic mutants obtained from Clostridium botulinum type E. Nakane A, et al. **Appl Environ Microbiol** 34(1):99-101, Jul 77

Regulation of exocellular protease in Neurospora crassa: induction and repression under conditions of nitrogen starvation. Cohen BL, et al. **Arch Biochem Biophys** 182(2):601-13, Aug 77

Cellular proteases increased in paramyxovirus (Sendai virus) carrier cells possibly responsible for enhanced formation of cowpox virus-specific cell surface antigen. Tanaka J, et al. **Arch Virol** 53(1-2):87-99, 1977

Wound-induced peptidase activity in tomato leaves. Walker-Simmons M, et al. **Biochem Biophys Res Commun** 74(2):411-6, 24 Jan 77

Structure and synthesis of a lipid-containing bacteriophage. An endolysin activity associated with bacteriophage PM2. Tsukagoshi N, et al. **Eur J Biochem** 77(3):585-8, 1 Aug 77

Production of protease and elastase by Pseudomonas aeruginosa strains isolated from patients. Morihara K, et al. **Infect Immun** 15(3):679-85, Mar 77

Production of extracellular material by streptococci associated with subacute bacterial endocarditis. Straus DC, et al. **Infect Immun** 17(1):148-56, Jul 77

Purification and characterization of a neutral protease from Saccharomycopsis lipolytica. Abdelal AT, et al. **J Bacteriol** 130(3):1125-9, Jun 77

Selective inhibition of Bacillus subtilis sporulation by acridine orange and promethazine. Burke WF Jr, et al. **J Bacteriol** 129(3):1215-21, Mar 77

Isolation of acetyl esterase mutants of Bacillus subtilis 168. Higerd TB. **J Bacteriol** 129(2):973-7, Feb 77

Studies on opacity factor production by pharyngeal isolates of group A streptococci. Bergner-Rabinowitz S, et al. **J Infect Dis** 134(2):189-92, Aug 76

The induction of collagenase and a neutral proteinase by their high molecular weight substrates in Achromobacter iophagus. Keil-Dlouha V, et al. **J Mol Biol** 107(3):293-305, 5 Nov 76

Bacteriophage T4 prehead proteinase. II. Its cleavage from the product of gene 21 and regulation in phage-infected cells. Showe MK, et al. **J Mol Biol** 107(1):55-69, 15 Oct 76

Behaviors of a vigorous protease-producing strain of Staphylocollus aureus in the skin tissue of mice. Takeuchi S, et al. **Jpn J Microbiol** 20(3):155-62, Jun 76

Mapping of mutations affecting synthesis of exocellular enzymes in Bacillus subtilis. Identity of the sacUh, amyB and pap mutations. Steinmetz M, et al. **Mol Gen Genet** 148(3):281-5, 17 Nov 76

Production physiology and properties of a novel fungal fibrinolytic enzyme. Fayek KI, et al. **Z Allg Mikrobiol** 16(6):417-23, 1976

[beta-1,3-1,4-Glucanase in spore-forming microorganisms. I. beta-Glucanase production during the growth cycle of Bacillus subtilis (Marburg Yale)] Borriss R. **Z Allg Mikrobiol** 16(6):475-7, 1976 **(Ger)**

[Effect of glucose and ammonium ions on the synthesis of exoproteases by Actinomyces thermovulgaris T-54] Vybornykh SN, et al. **Biol Nauki** (8):105-8, 1976 **(Rus)**

[Temperature-dependent mutants of Bacillus subtilis A-50 with a diminished level of alkaline proteinase synthesis] Dobrzhanskaia EO, et al. **Genetika** 12(6):167-70, 1976 (Eng. Abstr.) **(Rus)**

[Mutants of Bacillus subtilis--producer of alkaline proteinase, sporulating in the presence of high concentrations of glucose] Dobrzhanskaia EO, et al. **Genetika** 12(7):74-9, 1976 (Eng. Abstr.) **(Rus)**

[Cultivation conditions of the Aspergillus terricola mutant producing proteolytic enzyme] Aravina LA, et al. **Mikrobiologiia** 45(5):770-6, Sep-Oct 76 (Eng. Abstr.) **(Rus)**

[Effect of inoculum material on biosynthesis of proteolytic and amylolytic enzymes of Aspergillus tarricola] Aravina LA, et al. **Mikrobiologiia** 46(3):472–7, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Optimization of the nutrient medium for Actinomyces spheroides--producer of proteolytic enzymes with fibrinolytic activity] Egorov NS, et al. **Mikrobiologiia** 45(4):607–13, JUL–AUG 76 (Eng. Abstr.) **(Rus)**

[Production of protease during continuous cultivation of the thermophilic bacterium Bacillus brevis] Loginova LG, et al. **Mikrobiologiia** 45:460–5, May–June 76 (Eng. Abstr.) **(Rus)**

[Effect of amino acids on the synthesis of extracellular protease in Serratia marcescens] Loriia ZhK, et al. **Mikrobiologiia** 46(1):41–5, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Nature of the true inducer of extracellular protease synthesis in Serratia marcescens] Loriia ZhK, et al. **Mikrobiologiia** 46(3):440–6, May–Jun 77 **(Rus)**

[Comparative cytomorphologic study of strains of Aspergillus terricola in the process of biosynthesis of proteolytic enzymes] Usenko LI, et al. **Mikrobiologiia** 46(3):529–38, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Influence of amino acids on synthesis of extracellular proteases by Actinomyces thermovulgaris] Vybornykh SN, et al. **Mikrobiologiia** 46(2):227–31, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Studies on the production of alkaline proteases] Segovia R, et al. **Rev Lat Am Microbiol** 18(3):147–50, Jul–Sep 77 (Eng. Abstr.) **(Spa)**

BLOOD

Lysosomal enzymes in the lymphocytes and granulocytes of patients with multiple sclerosis. Riekkinen P, et al. **Acta Neurol Scand** 56(1):83–6, Jul 77

The effect of bone cement used for endoprosthesis stabilization on the activity of lysosomal enzymes in peripheral blood granulocytes. Gaszyński W, et al. **Anaesth Resusc Intensive Ther** 4(3):187–94, Jul–Sep 76

The measurement of enzymes by radioimmunoassay: a review. Landon J, et al. **Ann Clin Biochem** 14(2):90–9, Mar 77 (55 ref.)

Protease and antiprotease levels in blood of arthritic rats. Parrott DP, et al. **Ann Rheum Dis** 36(2):166–9, Apr 77

Phagocytic release of human leukocyte neutral proteases. Analysis of cartilage degradation products. Oronsky AL, et al. **Arch Biochem Biophys** 176(2):539–46, Oct 76

Variations in acid and neutral protease activity of rats with thermal oedema together with the influence of various benzopyrones. Piller NB. **Arzneim Forsch** 27(5):1069–73, 1977

Esterase and protease activity of purified guinea pig basophil granules. Orenstein NS, et al. **Biochem Biophys Res Commun** 72(1):230–5, 7 Sep 76

Proteolytic activation of protein C from bovine plasma. Kisiel W, et al. **Biochemistry** 15(22):4893–900, 2 Nov 76

Neutral elastolytic proteinase from canine leucocytes. Purification and characterization. Ardelt W, et al. **Biochim Biophys Acta** 445(3):683–93, 11 Oct 76

Aromatic Tris-amidines. A new class of highly active inhibitors of trypsin-like proteases. Tidwell RR, et al. **Biochim Biophys Acta** 445(3):729–38, 11 Oct 76

Activity of neutral chromatin protease during maturation of chicken erythroid cells. Krajewska W, et al. **Biochimie** 58(10):1281–4, 1976

Demonstration of granulocytic proteases in plasma of patients with acute leukemia and septicemia with coagulation defects. Egbring R, et al. **Blood** 49(2):219–31, Feb 77

A comparison of the effect of benzopyrones and other drugs with anti-inflammatory properties on acid and neutral protease activity levels in various tissues after thermal injury. Piller NB. **Br J Exp Pathol** 57(4):411–8, Aug 76

Factor VIII and human platelet aggregation. IV. Effect of proteolytic enzymes on platelet aggregation by factor VIII. Vermylen J, et al. **Br J Haematol** 34(2):331–40, Oct 76

Accuracy of a calculating system in transcribing output from a reaction rate analyser. Goldberg DM, et al. **Clin Chim Acta** 76(3):371–6, 2 May 77

alpha1-Antichymotrypsin interaction with cationic proteins from granulocytes. Ohlsson K, et al. **Clin Chim Acta** 73(2):285–91, 1 Dec 76

A new method for peptidase activity measurement in serum and tissues, using L-Leu-L-Leu as substrate. Sugiura M, et al. **Clin Chim Acta** 78(3):381–9, 1 Aug 77

Regulation of the leukocyte proteinases by the human plasma proteinase inhibitors. p. 393. Baugh RJ, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Serine proteases of coagulation and their inhibitors. pp. 189–202. Davie EW, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (46 ref.)

Fibrin formation and dissolution. pp. 239–61. McKee PA. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (53 ref.)

Hydrolysis and cyclization of L-aspartyl-L-phenylalanine methyl ester in blood plasma in vitro. pp. 625–31. Fletcher PL Jr, et al. **In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.**

Calcium-promoted changes of the human erythrocyte membrane. Involvement of spectrin, transglutaminase, and a membrane-bound protease. Anderson DR, et al. **J Biol Chem** 252(19):6617–23, 10 Oct 77

Ca2+-dependent protease in human platelets. Specific cleavage of platelet polypeptides in the presence of added Ca2+. Phillips DR, et al. **J Biol Chem** 252(16):5602–5, 25 Aug 77

Effect of thyroid status on the thyrotrophin-releasing hormone-degrading activity of rat serum. White N, et al. **J Endocrinol** 71(1):13–9, OCT 76

Neutral proteases of human granulocytes. IV. Interaction between human granulocyte collagenase and plasma protease inhibitors. Ohlsson K, et al. **J Lab Clin Med** 89(2):269–77, Feb 77

Differences in the degradation of hypothalamic releasing factors by rat and human serum. Benuck M, et al. **Life Sci** 19(8):1271–6, 15 Oct 76

Acid-stable proteinase inhibitors from human seminal plasma. Schiessler H, et al. **Methods Enzymol** 45:847–59, 1976

Subcellular localisation of leucine-enkephalin-hydrolysing activity in rat brain. Lane AC, et al. **Nature** 269(5623):75–6, 1 Sep 77

A soluble ATP-dependent proteolytic system responsible for the degradation of abnormal proteins in reticulocytes. Etlinger JD, et al. **Proc Natl Acad Sci USA** 74(1):54–8, Jan 77

Role of proteolytic enzymes in biological regulation (a review). Neurath H, et al. **Proc Natl Acad Sci USA** 73(11):3825–32, Nov 76

The influence of various benzo-pyrones on acid and neutral protease activity levels, the cells from which they may arise and their importance in the resolution of lymphoedema. Piller NB. **Res Exp Med (Berl)** 170(2):115–24, 29 Jun 77

Insulinase in liver cirrhosis. Ono J, et al. **Surg Forum** 27(62):368–9, 1976

Bleeding disorder with abnormal wound healing, acid-soluble clots and normal factor XIII. Ragaz S, et al. **Thromb Haemostas** 36(3):537–41, 31 Dec 76

Diagnostic significance of proteolytic enzymes. Haschen RJ. **Z Med Lab Diagn** 18(3):147–58, Jun 77 (27 ref.) (Eng. Abstr.)

Sport training and some activities of human polymorphonuclear leukocyte lysosomes. Tchórzewski H, et al. **Zentralbl Bakteriol [Orig B]** 162(3–4):402–7, Jul 76

[Amino acid-p-nitroanilide-splitting activities in human serum (author's transl)] Unger T, et al. **Clin Chim Acta** 78(1):113–20, 1 Jul 77 **(Ger)**

[Lysosomal proteinasen and peptidasen in serum of children with inflammatory diseases (author's transl)] Appel W, et al. **Immun Infekt** 4(4):182–9, Aug 76 (Eng. Abstr.) **(Ger)**

[Determination of the activity of peptidases and amino acid aryl amidases (author's transl)] Unger T, et al. **J Clin Chem Clin Biochem** 14(9):449–52, Sep 76 (Eng. Abstr.) **(Ger)**

[Proteinases (inhibitors) in plasma and fistula secretions in patient with high fistulas of the small intestine] Wendt P, et al. **Med Welt** 28(21):974–7, 27 May 77 **(Ger)**

[Direct proteolysis of coagulation factors through granulocyte enzymes as a possible mechanism of blood coagulation disorders in acute leukemia and septicemia] Egbring R, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1629–32, 1976 **(Ger)**

[Behavior of plasma kallikrein and protease activities in hemorrhagic shock of the dog] Kühne H, et al. **Z Med Lab Diagn** 18(3):169–76, Jun 77 (Eng. Abstr.) **(Ger)**

[Study of proteolysis in the serum and bronchial secretions in chronic bronchopneumopathies and in various forms of primary pulmonary emphysema] Brancaccio L. **Arch Monaldi** 30(5–6):363–77, Sep–Dec 75 (Eng. Abstr.) **(Ita)**

[Characterization of proteases contained in the non-histone protein fraction of the chromatin in human lymphocytes] Cocco L, et al. **Boll Soc Ital Biol Sper** 52(13):961–5, 15 Jul

76 **(Ita)**

[Effect of proteolytic and antiproteolytic blood system on hemocoagulation in phthisiosurgical patients] Bogush LK, et al. **Grudn Khir** (1):39–43, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Method of determination of the proteolytic activity with the aid of ninhydrin] Kesler DF. **Lab Delo** (12):718–9, 1976 **(Rus)**

[Changes in the blood proteolytic activity of patients with acute burn toxemia] Kamaev MF, et al. **Probl Gematol Pereliv Krovi** 21(8):20–2, Aug 76 (Eng. Abstr.) **(Rus)**

[Activity of lysosomal enzymes in the blood and synovial fluid in joint diseases] Fil'chagin NM, et al. **Ter Arkh** 49(2):120–3, 1977 (Eng. Abstr.) **(Rus)**

[Nature of the proteinase activated by the contact factor in human blood plasma] Veremeenko KN, et al. **Vopr Med Khim** (3):391–6, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Clinico-enzymatic relationship in abstinence and alcoholic delirium] Danilenko AM. **Vrach Delo** (5):114–8, May 77 **(Rus)**

[Importance of biochemical studies in the diagnosis of otorhinolaryngologic neoplasms] Beremeenko KN, et al. **Zh Ushn Nos Gorl Bolezn** (1):63–8, Jan–Feb 76 (Eng. Abstr.) **(Rus)**

[Protease inhibitors in human serum] Tres Sánchez A, et al. **Rev Clin Esp** 142(4):297–308, 31 Aug 76 (81 ref.) **(Spa)**

CEREBROSPINAL FLUID

Subcellular localisation of leucine-enkephalin-hydrolysing activity in rat brain. Lane AC, et al. **Nature** 269(5623):75–6, 1 Sep 77

DEFICIENCY

The pancreas--development, adaptation and malfunction in infancy and childhood. Lebenthal E, et al. **Clin Gastroenterol** 6(2):397–413, May 77

Coeliac disease (gluten hypersensitivity). Ferguson A. **J Hum Nutr** 30(3):193–201, Jun 76 (10 ref.)

Prolidase deficiency: report of a second case with quantitation of the excessively excreted amino acids. Powell GF, et al. **J Pediatr** 91(2):242–6, Aug 77

DIAGNOSTIC USE

[Determination of the blood chimera in the Rh–Hr system by using enzymes] Avdeeva RA. **Lab Delo** (11):669–72, 1976 **(Rus)**

[Use of Actinomyces 771 enzyme complex for isolation of antibodies and antigens of various nonserological systems] Sakharov RS, et al. **Probl Gematol Pereliv Krovi** 21(9):47–9, 1976 **(Rus)**

IMMUNOLOGY

Antigenicity of purified chorionase (hatching enzyme) from the Teleost Oryzias latipes [proceedings] Niemarkt JE, et al. **Arch Int Physiol Biochim** 85(2):425–6, Apr 77

Cathepsin D agglutinators and neutral protease agglutinators in rheumatoid arthritis. II. Production of CDA and NPA by rheumatoid synovium and phagocytosis of CDA by synovial phagocytic cells. Fehr K, et al. **Arthritis Rheum** 20(6):1240–8, Jul–Aug 77

Migration inhibition factor-like activity in inflammatory synovial fluids might be due to proteases. Geiger C, et al. **Clin Exp Immunol** 26(1):176–80, Oct 76

Extracellular acid protease of Aspergillus oryzae grown on liquid media: multiple forms due to association with heterogeneous polysaccharides. Tsujita Y, et al. **J Bacteriol** 130(1):48–56, Apr 77

Bacteriophage T4 prehead proteinase. II. Its cleavage from the product of gene 21 and regulation in phage-infected cells. Showe MK, et al. **J Mol Biol** 107(1):55–69, 15 Oct 76

Antibody response and protective ability of rabbits inoculated with Staphylococcus aureus strain CH-91. Takeuchi S, et al. **Natl Inst Anim Health Q (Tokyo)** 16(3):107–13, Fall 76

Precipitating antibody against protease of Corynebacterium pyogenes in pigs. Takeuchi S, et al. **Natl Inst Anim Health Q (Tokyo)** 17(1):10–5, Spring 77

A tanned red cell haemagglutination immuno assay for the estimation of antibodies directed against defibrase. Soria J, et al. **Thromb Res** 10(4):623–7, Apr 77

ISOLATION & PURIFICATION

Characterization of trypsin-like enzymes from human saliva isolated by use of affinity chromatography. Söder P-O, et al. **Acta Odontol Scand** 35(1):41–50, 1977

A procedure to remove protease activities from Bacillus subtilis sporulating cells and their crude extracts. Nakayama T, et al. **Anal Biochem** 78(1):165–70, Mar 77

Plasminogen activator and histone hydrolyzing proteases in psoriasis scales--possible role in increased cell division. Fräki JE, et al. **Ann Clin Res** 8(5):335–9, Oct 76

Purification and partial characterization of hatching protease of the sea urchin, Strongylocentrotus purpuratus. Edwards BF, et al. **Arch Biochem Biophys** 182(2):696–74, Aug 77

The protease problem in Neurospora. Structural modification of the arom multienzyme system during its extraction and isolation. Gaertner FH, et al. **Arch Biochem Biophys** 177(2):566–73, Dec 76

Isolation and characterization of a membrane-bound proteinase from rat liver. Jusic M, et al. **Arch Biochem Biophys** 177(2):355–63, Dec 76

A rat kidney neutral peptidase that degrades B chain of insulin, glucagon, and ACTH: purification by affinity chromatography and some properties. Varandani PT, et al. **Arch Biochem Biophys** 181(1):82–93, May 77

Antigenicity of purified chorionase (hatching enzyme) from the Teleost Oryzias latipes [proceedings] Niemarkt JE, et al. **Arch Int Physiol Biochim** 85(2):425–6, Apr 77

Protease activity associated with HeLa cell ribosomes. Korant BD. **Biochem Biophys Res Commun** 74(3):926–33, 7 Feb 77

Intracellular serine protease from Bacillus subtilis. Structural comparison with extracellular serine proteases-subtilisins. Stepanov VM, et al. **Biochem Biophys Res Commun** 77(1):298–305, 11 Jul 77

A proenzyme of cyclic nucleotide-independent protein kinase and its activation by calcium-dependent neutral protease from rat liver. Takai Y, et al. **Biochem Biophys Res Commun** 77(2):542–50, 25 Jul 77

Evidence for the presence of membrane-bound forms of acid protease in Aspergillus oryzae. Tsujita Y, et al. **Biochem Biophys Res Commun** 74(1):242–7, 10 Jan 77

Genetically defined peptidases of maize. I. Biochemical characterization of allelic and nonallelic forms. Ott LA, et al. **Biochem Genet** 14(7–8):619–34, Aug 76

Purification and characterization of kinin-forming acid protease from mouse fibroblasts L-929. Li HC, et al. **Biochem Pharmacol** 26(13):1187–95, 1 Jul 77

Factor X activating enzyme from Russell's viper venom: isolation and characterization. Kisiel W, et al. **Biochemistry** 15(22):4901–6, 2 Nov 76

Neutral elastolytic proteinase from canine leucocytes. Purification and characterization. Ardelt W, et al. **Biochim Biophys Acta** 445(3):683–93, 11 Oct 76

Preparation of porcine enteropeptidase free of intestinal aminopeptidase activity with Con A-Sepharose. Barns RJ, et al. **Biochim Biophys Acta** 445(3):815–8, 11 Oct 76

Coupling of the Penicillium duponti acid protease to ethylene-maleic acid (1 : 1) linear copolymer. Preparation and properties of the water-soluble derivative. Emi S, et al. **Biochim Biophys Acta** 445(3):672–82, 11 Oct 76

Purification and properties of the extracellular metallo-proteinases of Chromobacterium lividum (NCIB 10926). Etherington DJ, et al. **Biochim Biophys Acta** 445(3):739–52, 11 Oct 76

Characterization of a chemotactic and cytotoxic proteinase from human skin. Hatcher VB, et al. **Biochim Biophys Acta** 483(1):160–71, 8 Jul 77

Proteinases of human epidermis; a possible mechanism for polymorphonuclear leukocyte chemotaxis. Levine N, et al. **Biochim Biophys Acta** 452(2):458–67, 8 Dec 76

Isolation and characterization of four peptide hydrolases from the brush border of rat intestinal mucosa. Shoaf CR, et al. **Biochim Biophys Acta** 445(3):694–719, 11 Oct 76

Purification and properties of human liver peptidase. Sugiura M, et al. **Biochim Biophys Acta** 481(2):578–85, 12 Apr 77

Partial purification and some properties of a neutral sulfhydryl and an acid proteinase from Entamoeba histolytica. McLaughlin J, et al. **Can J Microbiol** 23(4):420–5, Apr 77

Catabolite inactivation of bakers'-yeast uridine nucleosidase. Isolation and partial purification of a specific proteolytic inactivase. Magni G, et al. **Eur J Biochem** 75(1):77–82, 2 May 77

Protease I from Escherichia coli. Some physicochemical properties and substrate specificity. Pacaud M, et al. **Eur J Biochem** 69(1):141–51, 1 Oct 76

Initiation of meiotic maturation by specific proteases in oocytes of the polychaete annelid Sabellaria alveolata. Peaucellier G. **Exp Cell Res** 106(1):1–14, Apr 77

Hemisphaericin-D, a dialysable and polymerizable protease

found in Bromelia hemisphaerica. Agundis C, et al. **Experientia** 33(7):867–9, 15 Jul 77

The extracellular protease from Pseudomonas fluorescens. Juan SM, et al. **Experientia** 32(9):1120–22, 15 Sep 76

Characterization of a protein inhibitor of intracellular protease from Bacillus subtilis. Millet J. **FEBS Lett** 74(1):59–61, 15 Feb 77

Separation of a new protease from cathepsin B1 of rat liver lysosomes. Towatari T, et al. **FEBS Lett** 67(3):284–8, 1 Sep 76

Isolation and characterization of four peptide hydrolases from the cytosol of rat intestinal mucosa. Schiller CM, et al. **Gastroenterology** 72(1):93–100, Jan 77 (51 ref.)

Neutrophil generation of permeability enhancing peptides from plasma substrates. pp. 391–416. Movat HZ, et al. **In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m.** (34 ref.)

Purification and physical properties of E. coli RNA polymerase. pp. 69–100. Burgess RR. **In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975.** (118 ref.)

Regulation of the leukocyte proteinases by the human plasma proteinase inhibitors. p. 393. Baugh RJ, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123. Jurasek L, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (44 ref.)

Neutral and acid metalloproteinases in human articular cartilage which degrade proteoglycan. p. 404. Sapolsky AI, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Proteolytic control of collagen breakdown. pp. 357–69. Woessner JF Jr. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Purification & properties of a cyclic amide hydrolyzing enzyme Bisaria VS, et al. **Indian J Biochem Biophys** 13(2):113–6, Jun 76

Affinity chromatography of several proteolytic enzymes on carbobenzoxy-D-phenylalanyltriethylenetetramine-sepharo Fujiwara K, et al. **Int J Pept Protein Res** 9(1):18–26, Jan 77

Purification of several proteolytic enzymes by tosyl- and carbobenzoxy-triethylene-tetramine-sepharoses. Fujiwara K, et al. **Int J Pept Protein Res** 9(3):166–74, 1977

Studies on groundnut proteins. VI. Isolation, characterisation and hydrogen ion titration of conarachin II. Shetty KJ, et al. **Int J Pept Protein Res** 9(1):11–7, Jan 77

Pseudomonas protease. Purification, partial characterization, and its effect on collagen, proteoglycan, and rabbit corneas. Kessler E, et al. **Invest Ophthal Visual Sci** 16(6):488–97, Jun 77

Purification and characterization of a neutral protease from Saccharomycopsis lipolytica. Abdelal AT, et al. **J Bacteriol** 130(3):1125–9, Jun 77

Penicillinase-releasing protease of Bacillus licheniformis: purification and general properties. Aiyappa PS, et al. **J Bacteriol** 129(1):191–7, Jan 77

Purification of the extracellular protease of Bacillus licheniformis and its inhibition by bacitracin. Vitković L, et al. **J Bacteriol** 131(3):891–6, Sep 77

Alkaline serine proteinases D and E of Streptomyces griseus K-1. Narahashi Y, et al. **J Biochem (Tokyo)** 81(3):587–97, Mar 77

A novel neutral protease(s) from monkey liver. Sogawa K, et al. **J Biochem (Tokyo)** 80(6):1443–6, Dec 76

The occurence of a neutral protease and its inhibitor in rat peritoneal macrophages. Suzuki Y, et al. **J Biochem (Tokyo)** 82(1):215–20, Jul 77

Conversion of proparathyroid hormone to parathyroid hormone by a particulate enzyme of the parathyroid gland. MacGregor RR, et al. **J Biol Chem** 251(21):6711–6, 10 Nov 76

Purification and properties of a specific proteolytic enzyme present in spores of Bacillus magaterium. Setlow P. **J Biol Chem** 251(24):7853–62, 25 Dec 76

Proteases from purulent sputum. Purification and properties of the elastase and chymotrypsin-like enzymes. Twumasi DY, et al. **J Biol Chem** 252(6):1917–26, 25 Mar 77

Hydrolysis of the elastase substrate succinyltrialanine nitroanilide by a metal-dependent enzyme in rheumatoid synovial fluid. Saklatvala J. **J Clin Invest** 59(5):794–801, May 77

Metalloproteases of human articular cartilage that digest cartilage proteoglycan at neutral and acid pH. Sapolsky AI, et al. **J Clin Invest** 58(4):1030–41, Oct 76

Bacteriophage T4 prehead proteinase. I. Purification and properties of a bacteriophage enzyme which cleaves the capsid precursor proteins. Showe MK, et al. **J Mol Biol** 107(1):35–54, 15 Oct 76

Hatching enzyme of the sea urchin Strongylocentrotus purpuratus. Barrett D, et al. **Methods Enzymol** 45:354–73, 1976

Cortical granule proteases from sea urchin eggs. Carroll EJ Jr. **Methods Enzymol** 45:343–53, 1976

The extracellular metalloprotease of Serratia marcescens: I. Purification and characterization. Aiyappa PS, et al. **Mol Cell Biochem** 13(2):95–100, 30 Nov 76

Inhibition of elastase from granulocytes by the low molecular weight bronchial protease inhibitor. Ohlsson K, et al. **Scand J Clin Lab Invest** 36(5):437–45, Sep 76

Purification and properties of a neutral protease from soil bacterium WM 122. Papaioannou SE, et al. **Thromb Haemostas** 37(3):556–65, 30 Jun 77

The influence of drugs on disseminated intravascular coagulation (DIC). I. Effects of antifibrinolytics and fibrinolytics on thrombin-induced DIC in rats. Markwardt F, et al. **Thromb Res** 9(2):143–52, Aug 76

[Purification and characterization of an extracellular protease from Staphylococcus aureus inhibited by EDTA] Saheb SA. **Biochimie** 58(7):793–804, 1976 (Eng. Abstr.) **(Fre)**

[Enzymochemical studies on snake venoms. II. Purification of lethal protein Ac1-proteinase in the venom of Agkistrodon acutus (author's transl)] Nikai T, et al. **J Pharm Soc Jpn** 97(5):507–14, May 77 (Eng. Abstr.) **(Jpn)**

[Benzoyl-DL-arginine-p-nitroanilidase from buckwheat seeds. Properties and substrate specificity] Emtseva IB, et al. **Biokhimiia** 42(4):726–34, Apr 77 (Eng. Abstr.) **(Rus)**

[Isolation of individual proteases from protofradin] Lagutina LS, et al. **Biokhimiia** 41(10):1748–52, Oct 76 (Eng. Abstr.) **(Rus)**

[Isolation of a neutral histone-hydrolyzing protease from bovine spleen] Lokshina LA, et al. **Biokhimiia** 41(8):1412–20, Aug 76 (Eng. Abstr.) **(Rus)**

[Serine proteases from Bac. subtilis] Palubinskas VI, et al. **Biokhimiia** 41(12):2126–9, Dec 76 (Eng. Abstr.) **(Rus)**

[Metal proteases from Bac. subtilis] Palubinskas VI, et al. **Biokhimiia** 41(10):1798–1802, Oct 76 (Eng. Abstr.) **(Rus)**

[Isolation and properties of the fibrinolytic enzyme from the Actinomyces thermovulgaris cultural broth] Egorov NS, et al. **Mikrobiologiia** 45:455–9, May–June 76 (Eng. Abstr.) **(Rus)**

[Enzymatic degradation of cell walls of yeast cells at different growth phases] Tiunova NA, et al. **Mikrobiologiia** 45(5):781–6, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Characteristics of extracellular proteolytic enzymes of Actinomyces fradiae 0072] Kashkin AP, et al. **Prikl Biokhim Mikrobiol** 12(4):563–71, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Isolation of proteolytic enzymes from Bacillus mesentericus and a study of their properties] Galkina TA, et al. **Mikrobiol Zh** 39(3):286–9, 1977 (Eng. Abstr.) **(Ukr)**

METABOLISM

Proteolysis of procollagen I. Bańkowski E. **Acta Biochim Pol** 24(1):45–52, 1977

Similarity in active site arrangement of neutral protease from calf thymus chromatin and trypsin. Kowalska-Loth B, et al. **Acta Biochim Pol** 23(2–3):139–44, 1976

Activity of chromatin-bound protease from rat liver and Morris hepatomas. Krajewska W, et al **Acta Biochim Pol** 24(2):127–32, 1977

Proteolytic activity of subcellular fractions from Streptomyces griseus no. 45-H. Valu G, et al. **Acta Biol Acad Sci Hung** 27(2–3):171–5, 1976

Inhibition of the synthesis of phospholipase C in Bacillus cereus by a component of the growth medium. Valle KJ, et al. **Acta Pathol Microbiol Scand [B]** 85(3):219–26, Jun 77

Protease activity in female Ornithodoros tholozani ticks. Akov S, et al. **Acta Trop (Basel)** 33(1):37–52, 1976

Concept on mechanism and regulation of intracellular enzyme degradation in mammalian tissues. Katunuma N, et al. **Adv Enzyme Regul** 14:325–45, 1976 (26 ref.)

Chemistry of prolactin. Lewis UJ. **Adv Exp Med Biol** 80:19–35, 1977

Biosynthesis of hypothalamic peptides. McKelvy JF. **Adv Exp Med Biol** 87:77–98, 1977 (42 ref.)

Acute inflammation. A review. Ryan GB, et al. **Am J Pathol** 86(1):183–276, Jan 77 (572 ref.)

Role of fibrinopeptide B release: comparison of fibrins produced by thrombin and Ancrod. Shen LL, et al. **Am J Physiol** 232(6):H629–33, Jun 77

Hydrolysis of peptides within lumen of small intestine. Silk DB, et al. **Am J Physiol** 231(5 Pt. 1):1322–9, Nov 76

The effect of dissociative anaesthesia with ketamine on the activity of lysosomal enzymes in peripheral blood granulocytes of guinea pigs. Gaszyński W, et al. **Anaesth Resusc Intensive Ther** 4(2):79–84, Apr–Jun 76

Effect of endotracheal anaesthesia on the activity of lysosomal enzymes in peripheral blood granulocytes. Gaszynski W, et al. **Anaesth Resusc Intensive Ther** 4(1):3–9, Jan–Mar 76

A sensitive assay for elastase employing radioactive elastin coupled to sepharose. Rifkin DB, et al. **Anal Biochem** 79(1–2):268–75, 1 May 77

Plasminogen activator and histone hydrolyzing proteases in psoriasis scales—possible role in increased cell division. Fräki JE, et al. **Ann Clin Res** 8(5):335–9, Oct 76

Serine proteases: structure and mechanism of catalysis. Kraut J. **Annu Rev Biochem** 46:331–58, 1977 (135 ref.)

Basis for the design of anticandidal agents from studies of peptide utilization in Canadida albicans. Lichliter WD, et al. **Antimicrob Agents Chemother** 10(3):483–90, Sep 76

Plasmids in Streptococcus lactis: evidence that lactose metabolism and proteinase activity are plasmid linked. Efstathiou JD, et al. **Appl Environ Microbiol** 32(1):38–44, Jul 76

Purification and partial characterization of hatching protease of the sea urchin, Strongylocentrotus purpuratus. Edwards BF, et al. **Arch Biochem Biophys** 182(2):696–74, Aug 77

The protease problem in Neurospora. Structural modification of the arom multienzyme system during its extraction and isolation. Gaertner FH, et al. **Arch Biochem Biophys** 177(2):566–73, Dec 76

Isolation and characterization of a membrane-bound proteinase from rat liver. Jusic M, et al. **Arch Biochem Biophys** 177(2):355–63, Dec 76

The protease problem in Neurospora. Variable stability of enzymes in aromatic amino acid metabolism. Lampkin SL 4h, et al. **Arch Biochem Biophys** 177(2):561–5, Dec 76

Proteolytic enzymes from the mouse submaxillary gland. Specificity restricted to arginine residues. Schenkein I, et al. **Arch Biochem Biophys** 182(1):64–70, Jul 77

A rat kidney neutral peptidase that degrades B chain of insulin, glucagon, and ACTH: purification by affinity chromatography and some properties. Varandani PT, et al. **Arch Biochem Biophys** 181(1):82–93, May 77

Nitrogen dioxide and pulmonary proteolytic enzymes. Effect on lung tissue and macrophages. Rynbrandt D. **Arch Environ Health** 32(4):165–72, Jul–Aug 77

Some characteristics of a hatching enzyme produced by the marine Teleost, Gobius jozo [proceedings]. Denucé JM. **Arch Int Physiol Biochim** 84(5):1067–8, Dec 76

A latent neutral protease released by bone in culture. Vaes G, et al. **Arch Int Physiol Biochim** 84(3):666–8, 1976

Proteolytic activity associated with tumour growth and metastasis. Influence of trypsin inhibitor (soya bean) on Ehrlich ascites tumour growth [proceedings]. Verloes R, et al. **Arch Int Physiol Biochim** 84(5):1119–20, Dec 76

Effects of zinc sulfate on Pseudomonas aeruginosa infections and protease in rabbit corneas. Mondino BJ, et al. **Arch Ophthalmol** 94(12):2149–52, Dec 76

Cellular proteases increased in paramyxovirus (Sendai virus) carrier cells possibly responsible for enhanced formation of cowpox virus-specific cell surface antigen. Tanaka J, et al. **Arch Virol** 53(1–2):87–99, 1977

Carrageenin-induced arthritis. III. Proteolytic enzymes present in rabbit knee joints after a single intraarticular injection of carrageenin. Lowther DA, et al. **Arthritis Rheum** 19(6):1287–94, Nov–Dec 76

Variations in acid and neutral protease activity of rats with thermal oedema together with the influence of various benzopyrones. Piller NB. **Arzneim Forsch** 27(5):1069–73, 1977

Ultraviolet mutagenesis and inducible DNA repair in Escherichia coli. Witkin EM. **Bacteriol Rev** 40(4):869–907, Dec 76 (249 ref.)

Isolation and purification of D-alanyl-meso-2, 6-diaminopimelic acid endopeptidase of Streptomyces L-3 enzyme using soluble substrates of known chemical structure from Lactobacillus plantarum cell wall digests. Katayama T, et al. **Biken J** 19(3):75–91, Sep 76

Action of staphylococcal proteinase on peptides of varying chain length and composition. Austen BM, et al. **Biochem Biophys Res Commun** 72(2):411–7, 20 SEP 76

Bovine renal glomerular basement membrane. Assessment of proteolysis during isolation. Freytag JW, et al. **Biochem Biophys Res Commun** 72(3):796–802, 4 Oct 76

Inhibition of proteolysis of cytosol proteins by lysosomal proteases and of mitochondria of rat liver by antibiotics. Grisolia S, et al. **Biochem Biophys Res Commun** 77(1):367–73, 11 Jul 77

The localization of a proteinase within rat liver mitochondria. Haas R, et al. **Biochem Biophys Res Commun** 74(3):1060–5, 7 Feb 77

The relationship between surface protease activity and the rate of cell proliferation in normal and transformed cells. Hatcher VB, et al. **Biochem Biophys Res Commun** 76(2):602–8, 23 May 76

Resistance to enzymic degradation of LH-RH analogues possessing increased biological activity. Koch Y, et al. **Biochem Biophys Res Commun** 74(2):488–91, 24 Jan 77

Protease activity associated with HeLa cell ribosomes. Korant BD. **Biochem Biophys Res Commun** 74(3):926–33, 7 Feb 77

Intracellular serine protease from Bacillus subtilis. Structural comparison with extracellular serine proteases-subtilisins. Stepanov VM, et al. **Biochem Biophys Res Commun** 77(1):298–305, 11 Jul 77

Evidence for the presence of membrane-bound forms of acid protease in Aspergillus oryzae. Tsujita Y, et al. **Biochem Biophys Res Commun** 74(1):242–7, 10 Jan 77

Wound-induced peptidase activity in tomato leaves. Walker-Simmons M, et al. **Biochem Biophys Res Commun** 74(2):411–6, 24 Jan 77

Partial characterization of a P70 proteolytic factor that is present in purified virions of Rauscher leukemia virus (RLV). Yoshinaka Y, et al. **Biochem Biophys Res Commun** 76(1):54–63, 9 May 77

A constitutive mutation in a posttranscriptional regulator gene for a phenoloxidase and proteases in Podospora anserina. Boucherie H, et al. **Biochem Genet** 14(9–10):857–68, Oct 76

Genetically defined peptidases of maize. I. Biochemical characterization of allelic and nonallelic forms. Ott LA, et al. **Biochem Genet** 14(7–8):619–34, Aug 76

Identification of wheat (Triticum aestivum L.) chromosomes with genes controlling the level of nitrate reductase, nitrite reductase, and acid proteinase using the Chinese Spring-Hope substitution lines. Sherrard JH, et al. **Biochem Genet** 14(11–12):905–12, Dec 76

Genetic study of pancreatic proteinase in mice (Mus musculus): linkage of the Prt-2 locus on chromosome 8. Watanabe T, et al. **Biochem Genet** 14(11–12):999–1002, Dec 76

The action of proteolytic enzymes on the glycoprotein from pig gastric mucus. Scawen M, et al. **Biochem J** 163(2):363–8, 1 May 77

The structure and enzymic activities of the C1r and C1s subcomponents of C1, the first component of human serum complement. Sim RB, et al. **Biochem J** 163(2):219–27, 1 May 77

Purification and characterization of kinin-forming acid protease from mouse fibroblasts L-929. Li HC, et al. **Biochem Pharmacol** 26(13):1187–95, 1 Jul 77

Organization of the kidney proximal-tubule plasma membrane. Kenny AJ, et al. **Biochem Soc Trans** 4(6):1011–7, 1976

Peptide hydrolase activity in brain and pituitary of guinea pig. O'Cuinn G. **Biochem Soc Trans** 4(5):864–6, 1976

Relationship between peptide hydrolases in brush-border and cytosol fractions of guinea-pig intestinal mucosa. Piggott CO, et al. **Biochem Soc Trans** 4(5):862–3, 1976

Effect of proteolysis of transcriptional fidelity of reconstituted chromatin. Gadski RA, et al. **Biochemistry** 16(15):3465–9, 26 Jul 77

Superactivation of neutral proteases: acylation with N-hydroxysuccinimide esters. Holmquist B, et al. **Biochemistry** 15(21):4675–80, 19 Oct 76

Factor X activating enzyme from Russell's viper venom: isolation and characterization. Kisiel W, et al. **Biochemistry** 15(22):4901–6, 2 Nov 76

Cell protein degradation in cultured rat embryo fibroblasts. Suppression by vinblastine of the enhanced proteolysis by serum-deficient media. Amenta JS, et al. **Biochim Biophys Acta** 451(2):511–6, 21 Dec 76

Control of cell protein degradation. Changes in activities of lysosomal proteases. Amenta JS, et al. **Biochim Biophys Acta** 476(3):253–61, 3 Jun 77

Neutral elastolytic proteinase from canine leucocytes. Purification and characterization. Ardelt W, et al. **Biochim Biophys Acta** 445(3):683–93, 11 Oct 76

Effect of parathyroid hormone and cyclic AMP on protein phosphorylation in rabbit kidney cortex. Ausiello D, et al. **Biochim Biophys Acta** 451(2):372–81, 21 Dec 76

Activation of proenzyme of acidic protease from human seminal plasma. Chulavatnatol M, et al. **Biochim Biophys Acta** 452(2):525–32, 8 Dec 76

Coupling of the Penicillium duponti acid protease to ethylene–maleic acid (1 : 1) linear copolymer. Preparation and properties of the water–soluble derivative. Emi S, et al. **Biochim Biophys Acta** 445(3):672–82, 11 Oct 76

Purification and properties of the extracellular metallo–proteinases of Chromobacterium lividum (NCIB 10926). Etherington DJ, et al. **Biochim Biophys Acta** 445(3):739–52, 11 Oct 76

Relationship between cell surface protease activity and doubling time in various normal and transformed cells. Hatcher VB, et al. **Biochim Biophys Acta** 451(2):499–510, 21 Dec 76

Characterization of a chemotactic and cytotoxic proteinase from human skin. Hatcher VB, et al. **Biochim Biophys Acta** 483(1):160–71, 8 Jul 77

Proteinases of human epidermis; a possible mechanism for polymorphonuclear leukocyte chemotaxis. Levine N, et al. **Biochim Biophys Acta** 452(2):458–67, 8 Dec 76

Intrinsic enzyme activity associated with tropoelastin. Mecham RP, et al. **Biochim Biophys Acta** 446(1):245–54, 28 Sep 76

Regulation of extracellular protease production in Candida lipolytica. Ogrydziak DM, et al. **Biochim Biophys Acta** 497(2):525–38, 27 Apr 77

Proteolytic cleavage events in oncornavirus protein synthesis. Shapiro SZ, et al. **Biochim Biophys Acta** 458(4):375–96, 23 Dec 76 (135 ref.)

Isolation and characterization of four peptide hydrolases from the brush border of rat intestinal mucosa. Shoaf CR, et al. **Biochim Biophys Acta** 445(3):694–719, 11 Oct 76

Evidence for the presence of a trypsin inhibitor within rabbit and mouse tumour cells. Steven FS, et al. **Biochim Biophys Acta** 483(1):211–4, 8 Jul 77

Purification and properties of human liver peptidase. Sugiura M, et al. **Biochim Biophys Acta** 481(2):578–85, 12 Apr 77

The proteolytic action of bacterial proteases from Clostridium histolyticum on bovine fibrinogen. Tranqui L, et al. **Biochim Biophys Acta** 492(1):215–24, 27 May 77

Reduction by cycloheximide of lysosomal proteolytic enzyme activity and rate of protein degradation in organ–cultured hearts. Wildenthal K, et al. **Biochim Biophys Acta** 444(2):519–24, 24 Sep 76

Morphological and cytochemical studies on the secretory granules of the pyloric caeca of the starfish, Asterias amurensis. Hori SH, et al. **Biol Bull** 152(1):64–74, Feb 77

Comparison of zymogram of three lymphoblastoid cell lines with a new microtechnique. Nardon P, et al. **Biomedicine** 24(3):183–90, Jun 76

Human erythrocyte membrane enzymes: current status and clinical correlates. Schrier SL. **Blood** 50(2):227–37, Aug 77

A comparison of the effect of benzopyrones and other drugs with anti–inflammatory properties on acid and neutral protease activity levels in various tissues after thermal injury. Piller NB. **Br J Exp Pathol** 57(4):411–8, Aug 76

The action of the benzopyrones on an experimental model of lymphoedema: a contribution to their mode of action. Piller NB. **Br J Exp Pathol** 57(6):713–21, Dec 76

The role of erythrocyte membrane–associated proteolytic activity in immune haemolysis and autolysis [letter]. Scott GK. **Br J Haematol** 35(3):474–6, Mar 77

Concurrent studies of the flow of digesta in the duodenum and of exocrine pancreatic secretion of calves. 4. The effect of age. Ternouth JH, et al. **Br J Nutr** 36(3):523–35, Nov 76

Milk–substitute diet composition and abomasal secretion in the calf. Williams VJ, et al. **Br J Nutr** 36(3):317–35, Nov 76

Proteolytic enzymes in ordinary, hyperacute, monocytic and passive transfer forms of experimental allergic encephalomyelitis. Marks N, et al. **Brain Res** 123(1):147–57, 4 Mar 77

Proteolytic degradation of histones of ox pancreas. Lipińska A, et al. **Bull Acad Pol Sci [Biol]** 25(3):147–50, May 77

Partial purification and some properties of a neutral sulfhydryl and an acid proteinase from Entamoeba histolytica. McLaughlin J, et al. **Can J Microbiol** 23(4):420–5, Apr 77

Leukocytic fibrinolysis in myelomonocytic leukemia. Talarico L, et al. **Cancer** 39(4):1618–24, Apr 77

Ultrastructure and biochemistry of thyroid carcinoma. Valenta LJ, et al. **Cancer** 40(1):284–300, Jul 77

An improved assay for nuclear estrogen receptor in experimental and human breast cancer. Garola RE, et al. **Cancer Res** 37(9):3333–7, Sep 77

Estrogen receptor and proteolytic activity in human breast tumor nuclei. Garola RE, et al. **Cancer Res** 37(9):3329–32, Sep 77

Effect of Ca2+ and salt on forms of estradiol cytoplasmic receptor in human neoplastic breast tissue. Schneider SL, et al. **Cancer Res** 37(2):382–7, Feb 77

A chromatin–bound proteolytic activity with unique specificity for histone H2A. Eickbush TH, et al. **Cell** 9(4 PT 2):785–92, Dec 76

PZ–peptidase activity in human uterine cervix in pregnancy at term. Ito A, et al. **Clin Chim Acta** 78(2):267–70, 15 Jul 77

A calcium–activated neutral protease in normal and dystrophic human muscle. Kar NC, et al. **Clin Chim Acta** 73(2):293–7, 1 Dec 76

The effect of proteolytic activity on plasma renin activity assay. Tewksbury DA, et al. **Clin Chim Acta** 73(1):67–70, 15 Nov 76

Studies on the digestive enzymes of the African fruit bat Eidolon helvum (Kerr). Ogunbiyi OA, et al. **Comp Biochem Physiol [A]** 55(4A):359–61, 1976

Proteolytic enzymes in human cartilage: the pathogenesis of osteoarthritis. Sapolsky A, et al. **Compr Ther** 2(10):33–40, OCT 76

Mechanism and regulation of protein turnover in animal cells. Segal HL. **Curr Top Cell Regul** 11:183–201, 1976 (71 ref.)

Regional assignment of seven genes on chromosome 1 of man by use of man–Chinese hamster somatic cell hybrids. II. Results obtained after induction of breaks in chromosome 1 by X–irradiation. Burgerhout WG, et al. **Cytogenet Cell Genet** 18(5):267–83, 1977

Modulation by alpha–2 macroglobulin of human lymphocyte proliferation in response to mitogens and antigen. Goutner A, et al. **Differentiation** 5(2–3):171–3, 4 Jun 76

An investigation of mistranslation in vivo induced by streptomycin by an examination of the susceptibility of abnormal proteins to degradation. Hewitt J, et al. **Eur J Biochem** 74(2):285–92, 1 Apr 77

Kinetic investigation of the staphylococcal protease–catalyzed hydrolysis of synthetic substrates. Houmard J. **Eur J Biochem** 68(2):621–7, 15 Sep 76

Degradation of abnormal proteins in Escherichia coli. Differential proteolysis in vitro of E. coli alkaline phosphatase cyanogen–bromide–cleavage products. Kemshead JT, et al. **Eur J Biochem** 71(1):185–92, Dec 76

Protease I from Escherichia coli. Some physicochemical properties and substrate specificity. Pacaud M, et al. **Eur J Biochem** 69(1):141–51, 1 Oct 76

Purification of an endonuclease from adenovirus–infected KB cells. Reif UM, et al. **Eur J Biochem** 73(2):313–25, Mar 1 77

Human–polymorphonuclear–leucocyte neutral protease and its inhibitor. Studies with fluorescein–labelled polymeric collagen fibrils as a substrate. Steven FS, et al. **Eur J Biochem** 67(1):165–9, 1 AUG 76

Bromodeoxyuridine (BUdR) treatment of melanoma cells decreases cellular proteolytic activity. Evans I, et al. **Exp Cell Res** 108(1):151–5, Aug 77

Physiological responses of sea urchin eggs to stimulation by calcium ionophore A23187 analysed with protease inhibitors. Schuel H, et al. **Exp Cell Res** 103(2):442–7, Dec 76

Lens proteases [letter]. Swanson AA, et al. **Exp Eye Res** 24(1):89–91, Jan 77

Early changes in the ultrastructure of denervated rat skeletal muscle. Cullen MJ, et al. **Exp Neurol** 56(1):115–31, Jul 77

Schistosoma mansoni: extraction and partial characterization of membrane antigens using an assay based on competitive inhibition of human antibodies binding to schistosomules. Murrell KD, et al. **Exp Parasitol** 41(2):446–63, Apr 77

Hemisphaericin–D, a dialysable and polymerizable protease found in Bromelia hemisphaerica. Agundis C, et al. **Experientia** 33(7):867–9, 15 Jul 77

The extracellular protease from Pseudomonas fluorescens. Juan SM, et al. **Experientia** 32(9):1120–22, 15 Sep 76

Establishment of serum based essentiall free of proteolytic activity for the culture of mouse pancreatic islets. Kedinger M, et al. **Experientia** 33(7):972–3, 15 Jul 77

Specific cleavage of a single peptide bond (residues 77–78) in beta–lipotropin by a pituitary endopeptidase. Gráf L, et al. **FEBS Lett** 69(1):255–60, 15 Oct 76

In vitro proteolysis of a large subunit of Drosophila melanogaster RNA polymerase B. Greenleaf AL, et al. **FEBS Lett** 71(2):205–8, 1 Dec 76

Prominent role of lysosomes in the proteolysis of rat liver mitochondria at neutral pH. Rubio V, et al. **FEBS Lett** 75(1):281–4, 15 Mar 77

Proteolytic and esterolytic activity of a milk–clotting protease (MCP) from Bacillus mesentericus strain 76. Stoeva SP, et al. **FEBS Lett** 80(1):86–8, 1 Aug 77

Separation of a new protease from cathepsin B1 of rat liver lysosomes. Towatari T, et al. **FEBS Lett** 67(3):284–8, 1 Sep

76
Exocellular proteases of Serratia marcescens and their toxicity to larvae of Galleria mellonella. Kaška M, et al. **Folia Microbiol (Praha)** 21(6):465–73, 1976
Secretion of lysosomal enzymes induced by immune complexes and complement. Henson PM. **Front Biol** 45:99–126, 1976 (308 ref.)
Developmental pattern of small intestinal enterokinase and disaccharidase activities in the human fetus. Antonowicz I, et al. **Gastroenterology** 72(6):1299–303, Jun 77 (Eng. Abstr.)
Rabbit brain thiol-activated endopeptidase. Hydrolysis of bradykinin and kininogen. Oliveira EB, et al. **Gen Pharmacol** 7(2–3):159–61, Aug 76
Proteinase mutants of Saccharomyces cerevisiae. Jones EW. **Genetics** 85(1):23–33, Jan 77
Activation and release of proteolytic kinin-forming enzymes from rat jejunal loops perfused with hyperosmolar glucose solutions. Worthington KJ, et al. **Gut** 18(4):279–83, Apr 77
Proteinase K from the mold Tritirachium album Limber. Specificity and mode of action. Kraus E, et al. **Hoppe Seylers Z Physiol Chem** 357(7):937–47, Jul 76
Effect of neonatal androgen on the activity of peptidases in the rat brain inactivating luteinizing hormone-releasing hormone. Griffiths EC, et al. **Horm Res** 7(4–5):218–26, 1976
Effects of silica, asbestos and other pollutants on macrophages. pp. 114–34. Allison AC.
In: Aharonson EF, et al., ed. Air pollution and the lung. New York, Wiley, 1976. W3 012 1975a. (92 ref.)
Activation of parainfluenza viruses through host-dependent cleavage of an envelope glycoprotein. pp. 457–70. Scheid A.
In: Baltimore D, et al., ed. Animal virology. New York, Academic Press, 1976. W3 I322 v.4 1976.
Generation of a vasoactive peptide by a neutral protease of human neutrophil leukocytes. pp. 183–90. Movat HZ, et al.
In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.
Mechanisms by which leukocytes emigrate and induce tissue destruction. pp. 232–42. Perper RJ.
In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.
Cell biological processes involved in transport of matter across tissue membranes. pp. 201–23. Jacques PJ.
In: Hemmings WA, ed. Maternofoetal transmission of immunoglobulins. London, Cambridge Univ Press, 1976. W3 C162G v.2 1974.
Neutrophil generation of permeability enhancing peptides from plasma substrates. pp. 391–416. Movat HZ, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (34 ref.)
The incorporation of H3-glycine into enkephalins in the brains of morphine treated rats. pp. 71–8. Clouet DH, et al.
In: Kosterlitz HW, ed. Opiates and endogenous opioid peptides. Amsterdam, North-Holland, 1976. QV 90 I61o 1976.
Behavioral and biochemical properties of 'opioid' peptides. pp. 411–4. Jacquet Y, et al.
In: Kosterlitz HW, ed. Opiates and endogenous opioid peptides. Amsterdam, North-Holland, 1976. QV 90 I61o 1976.
Characteristics of porcine pituitary peptides which act like opiates: release from anterior lobes in vitro--relation between central effects and degradation by brain enzymes. pp. 1–8. Kromer W, et al.
In: Kosterlitz HW, ed. Opiates and endogenous opioid peptides. Amsterdam, North-Holland, 1976. QV 90 I61o 1976.
Yeast RNA polymerases. pp. 763–78. Sentenac A, et al.
In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975. (25 ref.)
Blocking tumor promotion by protease inhibitors. pp. 41–55. Troll W.
In: Magee PN, et al., ed. Fundamentals in cancer prevention. Baltimore, Univ Park Press, 1976. QZ 200 F982 1975.
Biodegradation of hormonally active peptides in the central nervous system. pp. 129–47. Marks N.
In: Naftolin F, et al., ed. Subcellular mechanisms in reproductive neuroendocrinology. Amsterdam, Elsevier, 1976. WQ 205 S991s 1975. (68 ref.)
The proteolytic enzymes of the K-1 strain of Streptomyces griseus obtained from a commercial preparation (Pronase). XI. Evolutionary implications. pp. 77–91. Awad WM Jr, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)
The role of neutral and acid proteinases in connective tissue turnover. pp. 339–55. Dingle JT.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
Further evidence for a proton pump in phagolysosomes and the involvement of lysosomes in protein turnover. p. 396. Farb RM, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
Studies of the selectivity and mechanisms of intracellular protein degradation. pp. 313–37. Goldberg AL, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (29 ref.)
Relationship between the structures and activities of some microbial serine proteases. II. Comparison of the tertiary structures of microbial and pancreatic serine proteases. pp. 125–42. James MN.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (34 ref.)
Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123. Jurasek L, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)
Substrate specificity in pinocytosis and intralysosomal protein digestion. pp. 371–89. Lloyd JB.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (23 ref.)
Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. Magnusson S, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (87 ref.)
On the specificities of proteases in the healing human burn wound. p. 402. Ogle JD, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
Proteases produced by normal and malignant cells in culture. pp. 263–85. Rifkin DB, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (33 ref.)
Neutral and acid metalloproteinases in human articular cartilage which degrade proteoglycan. p. 404. Sapolsky AI, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
Proteinases and proteinase inhibitors in fertilization. p. 405. Schleuning WD, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
Inhibition of lethality in endotoxin challenged mice treated with zinc chloride. p. 408. Snyder SL, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
Proteolytic control of collagen breakdown. pp. 357–69. Woessner JF Jr.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
The effect of iodine on the susceptibility of thyroglobulin to proteolysis by a thyroid proteolytic fraction. pp. 213–6. Lamas L, et al.
In: Robbins J, et al., ed. Thyroid research. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.378 1975.
Are the lipases in human milk important for fat digestion in the newborn? pp. 315–20. Olivecrona T, et al.
In: Rommel K, Bohmer R, ed. Lipid absorption: biochemical and clinical aspects. Baltimore, Univ Park Press, 1976. QU 85 L761 1975.
Membrane immunoglobulin and Fc receptors of murine T and B cell lymphomas. pp. 203–16. Warner NL, et al.
In: Seligmann M, et al., ed. Membrane receptors of

lymphocytes. Amsterdam, North-Holland Publ, 1975. W3 I35 no.1 1975.

Neuropeptides and proteins. pp. 651–57. Galoyan AA.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.

Metabolism of angiotensin in vascular smooth muscle. pp. 617–24. Regoli D, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.

Degradation by human placental tissue extracts of oxytocin radioactively labelled in positions 2 and 3. pp. 761–9. Watkins WB, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.

Release of certain extracellular enzymes during excystment of axenically produced cysts of hartmannella culbertsoni. Kaushal DC, et al. **Indian J Exp Biol** 14(4):498–9, Jul 76

Evolution and function of calcium-binding proteins. Kretsinger RH. **Int Rev Cytol** 46:323–93, 1976 (313 ref.)

The corneal response to Pseudomonas aeruginosa: histopathological and enzymatic characterization. Kessler E, et al. **Invest Ophthal Visual Sci** 16(2):116–25, Feb 77

Skeletal muscle protease and glucocorticoid hormone receptors in muscle wasting conditions and muscular dystrophy. Mayer M, et al. **Isr J Med Sci** 13(2):139–46, Feb 77

Isolation and partial characterization of a kallikrein from mouse submaxillary glands. Porcelli G, et al.
Ital J Biochem 25(4):337 48, Jul–Aug 76

Hydrolysis of milk proteins by bacteria used in cheese making. Schmidt RH, et al. **J Agric Food Chem** 24(6):1106 13, Nov–Dec 76

The use of an Escherichia coli Lys– auxotroph to assay nutritionally available lysine in biological materials. Payne JW, et al. **J Appl Bacteriol** 42(2):165–77, Apr 77

Penicillinase-releasing protease of Bacillus licheniformis: purification and general properties. Aiyappa PS, et al.
J Bacteriol 129(1):191–7, Jan 77

Activity of murein hydrolases in synchronized cultures of Escherichia coli. Hakenbeck R, et al. **J Bacteriol** 129(3):1239–44, Mar 77

Glycolytic and tricarboxylic acid cycle enzyme activities during intraperiplasmic growth of Bdellovibrio bacteriovorus on Escherichia coli. Hespell RB.
J Bacteriol 128(2):677–80, Nov 76

Role and location of 'protease I' from Escherichia coli. Kowit JD, et al. **J Bacteriol** 128(3):776–84, Dec 76

Degradation of Escherichia coli beta-galactosidase fragments in protease-deficient mutants of Salmonella typhimurium. Miller CG, et al. **J Bacteriol** 130(1):347–53, Apr 77

Cell density-dependent growth of Myxococcus xanthus on casein. Rosenberg E, et al. **J Bacteriol** 129(2):770–7, Feb 77

Levels of small molecules and enzymes in the mother cell compartment and the forespore of sporulating Bacillus megaterium. Singh RP, et al. **J Bacteriol** 130(3):1130–8, Jun 77

Extracellular acid protease of Aspergillus oryzae grown on liquid media: multiple forms due to association with heterogeneous polysaccharides. Tsujita Y, et al.
J Bacteriol 130(1):48–56, Apr 77

In vitro production of bacitracin by proteolysis of vegetative Bacillus licheniformis cell protein. Vitković L, et al.
J Bacteriol 131(3):897–905, Sep 77

Purification of the extracellular protease of Bacillus licheniformis and its inhibition by bacitracin. Vitković L, et al. **J Bacteriol** 131(3):891–6, Sep 77

Alkaline serine proteinases D and E of Streptomyces griseus K-1. Narahashi Y, et al. **J Biochem (Tokyo)** 81(3):587–97, Mar 77

A novel neutral protease(s) from monkey liver. Sogawa K, et al. **J Biochem (Tokyo)** 80(6):1443–6, Dec 76

The structure and function of acid proteases. VII. Distribution and some properties of acid proteases in monkey tissues Sogawa K, et al. **J Biochem (Tokyo)** 81(2):423–9, Feb 77

The occurence of a neutral protease and its inhibitor in rat peritoneal macrophages. Suzuki Y, et al.
J Biochem (Tokyo) 82(1):215–20, Jul 77

Penicillinase-releasing protease of Bacillus licheniformis 749 Specificity for hydroxyamino acids. Aiyappa PS, et al.
J Biol Chem 252(5):1745–7, 10 Mar 77

Conversion of proparathyroid hormone to parathyroid hormone by a particulate enzyme of the parathyroid gland. MacGregor RR, et al. **J Biol Chem** 251(21):6711–6, 10 Nov 76

Estrogen binding proteins of calf uterus. Molecular and functional characterization of the receptor transforming factor: A Ca2+-activated protease. Puca GA, et al.
J Biol Chem 252(4):1358–66, 25 Feb 77

Properties of chitin synthetase in isolated chitosomes from yeast cells of Mucor rouxii. Ruiz-Herrera J, et al.
J Biol Chem 252(10):3338–43, 25 May 77

Purification and properties of a specific proteolytic enzyme present in spores of Bacillus magaterium. Setlow P.
J Biol Chem 251(24):7853–62, 25 Dec 76

Proteases from purulent sputum. Purification and properties of the elastase and chymotrypsin-like enzymes. Twumasi DY, et al. **J Biol Chem** 252(6):1917–26, 25 Mar 77

DNase-sensitive sites in nucleosomes. Their relative suspectibilities depend on nuclease used. Whitlock JP Jr, et al. **J Biol Chem** 252(9):3003–6, 10 May 77

Purification of gibberellic acid-induced lysosomes from wheat aleurone cells. Gibson RA, et al. **J Cell Sci** 22(2):413–25, Nov 76

Neutral protease activity of Rous sarcoma (RSV) transformed chick embryo fibroblasts. Spataro AC, et al. **J Cell Sci** 21(2):407–13, Jul 76

Fractionation of Sendai virus RNA by polylysine-Kieselguhr column chromatography. Ayad SR, et al. **J Chromatogr** 130:396–8, 11 Jan 77

The binding and cleavage characteristics of human Hageman factor during contact activation. A comparison of normal plasma with plasmas deficient in factor XI, prekallikrein, or high molecular weight kininogen. Revak SD, et al.
J Clin Invest 59(6):1167–75, Jun 77

Hydrolysis of the elastase substrate succinyltrialanine nitroanilide by a metal-dependent enzyme in rheumatoid synovial fluid. Saklatvala J. **J Clin Invest** 59(5):794–801, May 77

Metalloproteases of human articular cartilage that digest cartilage proteoglycan at neutral and acid pH. Sapolsky AI, et al. **J Clin Invest** 58(4):1030–41, Oct 76

Extracellular enzymes of the genus Bacteroides. Rudek W, et al. **J Clin Microbiol** 4(5):458–60, Nov 76

Action of milk-clotting enzymes on beta-caseins from buffalo's and cow's milk. El-Shibiny S, et al.
J Dairy Res 43(3):443–8, Oct 76

Biochemical and morphological studies of rat submandibular gland: III. effects of testosterone treatment on proteins of granule-rickch fraction. Hanks CT, et al. **J Dent Res** 56(3):239–48, Mar 77

Prothoracicotropic hormone in Manduca sexta: localization by a larval assay. Gibbs D, et al. **J Exp Biol** 66(1):255–66, Feb 77

5'-Nucleotidase activity of mouse peritoneal macrophages. I. Synthesis and degradation in resident and inflammatory populations. Edelson PJ, et al. **J Exp Med** 144(6):1581–95, 1 Dec 76

Proteolytic activation and inactivation of chitin synthetase from Mucor rouxii. Ruiz-Herrera J, et al.
J Gen Microbiol 97(2):241–9, Dec 76

Further studies on the activation of influenza virus by proteolytic cleavage of the haemagglutinin. Klenk HD, et al. **J Gen Virol** 36(1):151–61, Jul 77

Isolation of the cytoplasmic granules of guinea pig basophilic leukocytes: identification of esterase and protease activities. Dvorak HF, et al. **J Immunol** 119(1):38–46, Jul 77

Surface components affecting interactions between Neisserai gonorrhoeae and eucaryotic cells. Swanson J.
J Infect Dis 136 Suppl:S138–43, Aug 77 (15 ref.)

Control of protease secretion in the intestine of fifth instar larvae of Rhodnius prolixus. Garcia ED, et al.
J Insect Physiol 23(2):247–51, 1977

An hypothesis of the mechanism controlling proteolytic digestive enzyme production levels in Stomoxys calcitrans. Lehane MJ. **J Insect Physiol** 23(6):713–5, 1977

Experimentally caused proliferation of lysosomes in cultured BHK cells involving an increase of biphosphatidic acids and triglycerides. Brotherus J, et al. **J Lipid Res** 18(3):379–88, May 77

Bacteriophage T4 prehead proteinase. I. Purification and properties of a bacteriophage enzyme which cleaves the capsid precursor proteins. Showe MK, et al. **J Mol Biol** 107(1):35–54, 15 Oct 76

Isoproterenol-induced cardiomyopathy: changes in cardiac enzymes and protection by methylprednisolone. Mueller EA, et al. **J Mol Cell Cardiol** 9(7):565–78, Jul 77

Effect of hyperthermia and environmental acidity on the proteolytic activity in murine ascites tumor cells. Overgaard J, et al. **J Natl Cancer Inst** 58(4):1159–61, Apr 77

Proteinase activity in Ascaris suum eggs, hatching fluid, and excretions-secretions. Hinck LW, et al. **J Parasitol** 62(5):771–4, Oct 76

Hydrolase levels in necrotizing and non-necrotizing BCG-induced pulmonary granulomas. McGee MP, et al.

J Reticuloendothel Soc 20(3):187–95, Sep 76

Cathepsin D activity in bovine articular cartilage, synovial membrane and fluid: degradation of cartilage proteoglycans from same joint. Bjelle A, et al. **J Rheumatol** 3(4):400–8, Dec 76

Oligosaccharides of the glycoprotein of rabies virus. Dietzschold B. **J Virol** 23(2):286–93, Aug 77

Structural proteins of polyoma virus: proteolytic degradation of virion proteins by exogenous and by virion-associated proteases. Friedmann T. **J Virol** 20(2):520–6, Nov 76

Studies on the pathogenicity of Pseudomonas aeruginosa by the use of ligated rabbit intestines (the De test). Okada K, et al. **Jpn J Exp Med** 46(4):245–56, Aug 76

Hatching enzyme of the sea urchin Strongylocentrotus purpuratus. Barrett D, et al. **Methods Enzymol** 45:354–73, 1976

Active site titration of cysteine proteases. Kézdy FJ, et al. **Methods Enzymol** 45:3–12, 1976

Determination of proteolytic activities on casein substrates. Reimerdes EH, et al. **Methods Enzymol** 45:26–8, 1976

Presence of a proteinase in polyribosomes of rat liver. Levyant MI, et al. **Mol Biol (Mosk)** 10(4):634–9, Jul–Aug 76

The extracellular metalloprotease of Serratia marcescens: I. Purification and characterization. Aiyappa PS, et al. **Mol Cell Biochem** 13(2):95–100, 30 Nov 76

Purification of oestradiol receptor from human uterus by affinity chromotrgraphy. Coffer AI, et al. **Mol Cell Endocrinol** 6(4–5):231–46, Feb 77

The use of a novel plate assay in a search for yeast mutants defective in deoxyribonucleases. Johnston LH. **Mol Gen Genet** 152(3):219–22, 29 Apr 77

Interference by bromodeoxyuridine with differentiation in a prokaryote. Coote JG. **Nature** 267(5612):635–7, 16 Jun 77

Activation of alveolar macrophage collagenase by a neutral protease secreted by the same cell. Horwitz AL, et al. **Nature** 264(5588):772–4, 23–30 Dec 76

Subcellular localisation of leucine-enkephalin-hydrolysing activity in rat brain. Lane AC, et al. **Nature** 269(5623):75–6, 1 Sep 77

Regulation of acid proteases during growth, quiescence and starvation in normal and transformed cells. Lockwood TD, et al. **Nature** 267(5608):252–4, 19 May 77

Proteolytic activity in liver cells from mouse, rat, Ehrlich ascites carcinoma bearing mouse and in Ehrlich ascites carcinoma cells. Tekavčič E, et al. **Neoplasma** 23(5):515–22, 1976

Study on the structure-function relationship of polynucleotide phosphorylase: model of a proteolytic degraded polynucleotide phosphorylase. Guissani A, et al. **Nucleic Acids Res** 3(11):3015–24, Nov 76

The comparative effect of prolonged feeding with raw and heated soybean mean on the growth response, pancreatic enlargement and pancreatic enzymes of chicks. Madar Z, et al. **Nutr Metab** 20(4):234–42, 1976

Why can't you achieve adequate regional anesthesia in the presence of infection? Najjar TA. **Oral Surg** 44(1):7–13, Jul 77

Studies on the induction of permeability in Ascaris lumbricoides eggs. Barrett J. **Parasitology** 73(1):109–21, Aug 76

Inhibition of platelet aggregation by cationic protein from polymorphonuclear leukocytes. Wautier JL, et al. **Pathol Biol (Paris)** 24 Suppl:23–6, Dec 76

Different susceptibilities to intracellular proteases of hemoglobin and hemoglobin-haptoglobin complex. Kimura H, et al. **Physiol Chem Phys** 8(2):101–6, 1976

Renin-angiotensin system: biochemistry and mechanisms of action. Peach MJ. **Physiol Rev** 57(2):313–70, Apr 77 (555 ref.)

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

Alterations of spore coat processing and protein turnover in a Bacillus cereus mutant with a defective postexponential intracellular protease. Cheng YS, et al. **Proc Natl Acad Sci USA** 74(3):1254–8, Mar 77

Model for 'charge-relay': acceleration by carboxylate anion in intramolecular general base-catalyzed ester hydrolysis by the imidazolyl group. Komiyama M, et al. **Proc Natl Acad Sci USA** 74(7):2634–8, Jul 77

Role of proteolytic enzymes in biological regulation (a review). Neurath H, et al. **Proc Natl Acad Sci USA** 73(11):3825–32, Nov 76

Isolation of folded chromosomes from the yeast Saccharomyces cerevisiae. Piñon R, et al. **Proc Natl Acad Sci USA** 74(7):2850–4, Jul 77

Biogenesis of poxviruses: analysis of the morphogenetic sequence using a conditional lethal mutant defective in envelope self-assembly. Stern W, et al. **Proc Natl Acad Sci USA** 74(5):2162–6, May 77

Genetic control of renin activity in the submaxillary gland of the mouse. Wilson CM, et al. **Proc Natl Acad Sci USA** 74(3):1185–9, Mar 77

Structural requirements for opioid activity of analogues of the enkephalins. Beddell CR, et al. **Proc R Soc Lond [Biol]** 198(1132):249–65, 5 Sep 77

Stimulation of enzyme, protein, and DNA output from a jejunal fistula in the rat. Schneeman BO, et al. **Proc Soc Exp Biol Med** 154(2):250–3, Feb 77

Bactericidal mechanisms of the granulocyte. Spitznagel JK. **Prog Clin Biol Res** 13:103–31, 1977 (126 ref.)

Electric method for measurements of enzymatic activity. Arwin H, et al. **Rev Sci Instrum** 47(11):1394–6, Nov 76

Investigations on hydro-proteolytic intracellular activity in postirradiation sickness. Koćmierska-Grodzka D. **Rocz Akad Med Bialymstoku** Suppl 37:5–71, 1976

Inhibition of elastase from granulocytes by the low molecular weight bronchial protease inhibitor. Ohlsson K, et al. **Scand J Clin Lab Invest** 36(5):437–45, Sep 76

Reversible activation of proactivator (factor B) of the alternative pathway without cleavage of the molecule. Day NK, et al. **Scand J Immunol** 5(6–7):715–20, 1976

Nephritic factor: its structure and function and its relationship to initiating factor of the alternative pathway. Schreiber RD, et al. **Scand J Immunol** 5(6–7):705–13, 1976

Essential role of macrophages in chronic inflammatory processes. Davies P. **Schweiz Med Wochenschr** 106(40):1351–4, 2 Oct 76

(D-Ala2)-Met-enkephalinamide: a potent, long-lasting synthetic pentapeptide analgesic. Pert CB, et al. **Science** 194(4262):330–2, 15 Oct 76

Degradation of purified factor VIII by endogenous contaminating enzymes. Furlan M, et al. **Thromb Res** 10(1):153–8, Jan 77

Utility of protease-digested human peripheral blood lymphocytes for the detection of lymphocyte-reactive alloantibodies by indirect immunofluorescence. Lobo PI, et al. **Transplantation** 23(1):16–21, Jan 77

Proteolysis during T4 head maturation: evidence against the involvement of a phage-induced trypsin-like enzyme. Choy WN, et al. **Virology** 80(1):229–31, 1 Jul 77

Activation of precursors to both glycoporteins of Newcastle disease virus by proteolytic cleavage. Nagai Y, et al. **Virology** 77(1):125–34, Mar 77

Role of peptidases and peptide transport in the intestinal absorption of proteins. Das M, et al. **World Rev Nutr Diet** 24:58–87, 1976 (126 ref.)

Production physiology and properties of a novel fungal fibrinolytic enzyme. Fayek KI, et al. **Z Allg Mikrobiol** 16(6):417–23, 1976

Properties of proteolytic enzymes isolated from a thermophilic strain of Micromonospora vulgaris 42. Nesterova NG, et al. **Z Allg Mikrobiol** 19(5):353–60, 1976

Early biochemical disorders in the hindlimb muscles following femoral artery stenosis in dogs: protein and electrolyte metabolism. Pausescu E, et al. **Z Exp Chir** 10(4):216–25, Aug 77

Protease activity in Golden Delicious apples as another parameter of senescence. Gorin N, et al. **Z Lebensm Unters Forsch** 164(2):92–3, 30 Jun 77

[Thermal degradation of cow caseins alpha s and beta. III. Changes of the enzymatic proteolysis: relation with the degradation of amino acids] Lorient D, et al. **Biochimie** 58(7):871–3, 1976 **(Fre)**

[Purification and characterization of an extracellular protease from Staphylococcus aureus inhibited by EDTA] Saheb SA. **Biochimie** 58(7):793–804, 1976 (Eng. Abstr.) **(Fre)**

[Bisalbuminaemia in pancreatitis: structural modifications of human serum albumin by proteolytic enzymes of the pancreas (author's transl)] Rousseaux J, et al. **Clin Chim Acta** 71(1):35–46, 16 Aug 76 (Eng. Abstr.) **(Fre)**

[Proteolytic activity of chromatin in testicular cells of mammals] Chauvière M. **Exp Cell Res** 108(1):127–38, Aug 77 (Eng. Abstr.) **(Fre)**

[Specific hepatotoxic effect of D-galactosamine] Andreicut S, et al. **Morphol Embryol (Bucur)** 23(3):221–5, Jul–Sep 77 **(Fre)**

[Comparative enzymatic study of two strains of Aspergillus fumigatus and of A. fischeri of sapropytic origin or isolated from human or animal lesions: practical diagnostic applications] Duriez T, et al. **Mycopathologia** 59(2):81–90, 24 Sep 76 (Eng. Abstr.) **(Fre)**

[Intracellular protein breakdown. VIII. The use of double-labeled proteins as substrates] Bohley P, et al. **Acta Biol Med Ger** 35(3–4):301–7, 1976 (Eng. Abstr.) **(Ger)**

[Protein hydrolysis by immobilized enzymes] Lasch J, et al. **Acta Biol Med Ger** 35(6):735–43, 1976 (Eng. Abstr.) **(Ger)**

[Intestinal protein assimilation and losses in man (author's transl)] Kinzie JL. **Leber Magen Darm** 7(3):160–8, Jun 77 (Eng. Abstr.) **(Ger)**

[Proteinases (inhibitors) in plasma and fistula secretions in patient with high fistulas of the small intestine] Wendt P, et al. **Med Welt** 28(21):974–7, 27 May 77 **(Ger)**

[Inhibition of cell viability by cellular debris. Model experiments to study tissue damage (author's transl)] Bereiter-Hahn J. **Virchows Archiv [Cell Pathol]** 23(3):265–75, 17 Mar 77 (Eng. Abstr.) **(Ger)**

[Diagnostic methods in the assessment of gastrointestinal function (author's transl)] Pointer H. **Wien Klin Wochenschr** 88(19):609–18, 15 Oct 76 (48 ref.) (Eng. Abstr.) **(Ger)**

[In vitro experiments on extracellular proteolytic activity of Pseudomonas aeruginosa in connection with phytopathological studies] Knösel D, et al. **Z Allg Mikrobiol** 16(8):609–14, 1976 **(Ger)**

[Analytical investigations of the delta-endotoxin of Bacillus thuriginiensis (author's transl)] Trümpi B. **Zentralbl Bakteriol [Naturwiss]** 131(4):305–60, 1976 (Eng. Abstr.) **(Ger)**

[Interaction between an extractive polypeptide and cerebral acid proteases] Savettieri G, et al. **Acta Neurol (Napoli)** 31(1):10–4, Jan–Feb 76 **(Ita)**

[Acute enzymatic pancreatitis. Clinical contribution] Cartia Q, et al. **Minerva Med** 68(22):1475–90, 5 May 77 (Eng. Abstr.) **(Ita)**

[Collagen peptidases in rheumatoid arthritis: preliminary note] Carrabba M, et al. **Reumatismo** 27(1):59–62, 1975 (Eng. Abstr.) **(Ita)**

[Contribution to the knowledge of digestive enzymes in the transformers] Marcuzzi G, et al. **Riv Biol** 69(1–2):77–94, Jan–Jun 76 **(Ita)**

[Mechanism and regulation of proteolytic processes in yeast (author's transl)] Holzer H, et al. **J Jpn Biochem Soc** 48(10):962–70, 25 Oct 76 (57 ref.) **(Jpn)**

[Regulation of intracellular ornithine aminotransferase level and its turnover (author's transl)] Katunuma N. **J Jpn Biochem Soc** 48(8):799–809, 25 Aug 76 (35 ref.) **(Jpn)**

[Viper bites, cell membrane damage and electrolyte disturbances. A review of 'sick cell' syndrome and a case report] Borresen HC, et al. **Tidsskr Nor Laegeforen** 97(8):382–7, 20 Mar 77 (Eng. Abstr.) **(Nor)**

[Determination of proteolytic activity of saliva in certain mouth diseases] Pawilowska H. **Czas Stomatol** 29(8):643–50, Aug 76 (Eng. Abstr.) **(Pol)**

[Proteolysis of human gamma globulin preparations] Iskierko J, et al. **Med Dosw Mikrobiol** 29(2):153–8, 1977 (Eng. Abstr.) **(Pol)**

[Proteolytic activity of lung tissue in experimental exposure to nitrogen oxides and products of their binding with gaseous ammonia] Kośmider S, et al. **Pneumonol Pol** 44(10):937–42, 1976 (Eng. Abstr.) **(Pol)**

[Evaluation of some lysosomal enzyme activity in leukocytes isolated from peripheral blood in patients with premature emphysema and in healthy subjects] Ruta U, et al. **Pneumonol Pol** 44(8–9):891–7, Aug–Sep 76 (Eng. Abstr.) **(Pol)**

[Bacteriophage types and proteolytic properties of Staphylococcus aureus found in burned patients treated at the Burns Department of the Institute of Hematology] Bukowska D, et al. **Pol Tyg Lek** 32(15):557–60, 11 Apr 77 (Eng. Abstr.) **(Pol)**

[Distribution of enzymes of amino acid metabolism in homogenates and subcellular fractions of the placenta during the process of its development] Pogorelova TP. **Akush Ginekol (Mosk)** (1):48–51, 1977 (Eng. Abstr.) **(Rus)**

[Benzoyl-DL-arginine-p-nitroanilidase from buckwheat seeds. Properties and substrate specificity] Emtseva IB, et al. **Biokhimiia** 42(4):726–34, Apr 77 (Eng. Abstr.) **(Rus)**

[18 O-exchange reactions catalyzed by subfragment 1 of myosin molecule] Karaidashov EA, et al. **Biokhimiia** 41(8):1454–9, Aug 76 (Eng. Abstr.) **(Rus)**

[Study of nystatin effect on nuclear proteases of dog kidney causing degradation of acid-soluble proteins of chromatin] Kravchenko LS, et al. **Biokhimiia** 42(4):687–92, Apr 77 (Eng. Abstr.) **(Rus)**

[Isolation of individual proteases from protofradin] Lagutina LS, et al. **Biokhimiia** 41(10):1748–52, Oct 76 (Eng. Abstr.) **(Rus)**

[Protease from bovine spleen with kininogenase activity] Lokshina LA, et al. **Biokhimiia** 41(11):2021–4, Nov 76 (Eng. Abstr.) **(Rus)**

[Isolation of a neutral histone-hydrolyzing protease from bovine spleen] Lokshina LA, et al. **Biokhimiia** 41(8):1412–20, Aug 76 (Eng. Abstr.) **(Rus)**

[Isolation and properties of cortisol inducible and cortisol non-inducible isoenzymes of rat liver tyrosine aminotransferase] Mertvetsov NP, et al. **Biokhimiia** 41(8):1352–66, Aug 76 (Eng. Abstr.) **(Rus)**

[Serine proteases from Bac. subtilis] Palubinskas VI, et al. **Biokhimiia** 41(12):2126–9, Dec 76 (Eng. Abstr.) **(Rus)**

[Metal proteases from Bac. subtilis] Palubinskas VI, et al. **Biokhimiia** 41(10):1798–1802, Oct 76 (Eng. Abstr.) **(Rus)**

[Prothrombin activation by immobilized thrombin] Strukova SM. **Biokhimiia** 41(4):643–9, Apr 76 (Eng. Abstr.) **(Rus)**

[Toxicity and proteolysis in gnotobiotic rats with thermal burns] Zaets TL, et al. **Biull Eksp Biol Med** 82(12):1444–6, Dec 76 (Eng. Abstr.) **(Rus)**

[Serum and myocardial enzyme activity in experimental myocardial infarct] Fetisova TV, et al. **Kardiologiia** 16(12):110–6, Dec 76 (Eng. Abstr.) **(Rus)**

[Proteolytic activity of the stomach in peptic ulcer] Gorshkov VA. **Klin Med (Mosk)** 55(6):53–8, Jun 77 (Eng. Abstr.) **(Rus)**

[Proteolytic activity of the gastric juice in peptic ulcer and chronic gastritis and the possibilities for its pharmacological correction] Tsimmerman IaS. **Klin Med (Mosk)** 54(7):63–8, Jul 76 (Eng. Abstr.) **(Rus)**

[Protein and ribonucleic acid metabolism in the central nervous system of rats during space flight in the 'Kosmos-605' satellite] Gazenko OG, et al. **Kosm Biol Aviakosm Med** 10(4):14–9, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Biological properties of Cl. perfringens type A, isolated from human subjects inhabiting a hermetic chamber] Shilov VM, et al. **Kosm Biol Aviakosm Med** 10(3):71–5, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Use of albumin-131I microaggregates for assessing the proteolytic and phagocytic functions of the liver] Gabuniia RI, et al. **Med Radiol (Mosk)** 22(5):3–7, May 77 (Eng. Abstr.) **(Rus)**

[Isolation and properties of the fibrinolytic enzyme from the Actinomyces thermovulgaris cultural broth] Egorov NS, et al. **Mikrobiologiia** 45:455–9, May–June 76 (Eng. Abstr.) **(Rus)**

[Thermophilic bacteria from hot springs of Kamchatka] Loginova LG, et al. **Mikrobiologiia** 45(6):1087–91, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Enzymatic degradation of cell walls of yeast cells at different growth phases] Tiunova NA, et al. **Mikrobiologiia** 45(5):781–6, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Relationship between exoprotease activity, spore and crystal formation and virulence of bacteria of the group Bacillus thuringiensis] Naidenova-Kuzmanova I. **Prikl Biokhim Mikrobiol** 12(4):495–500, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Characteristics of the proteolytic complex of Clostridium perfringens type A] Novoselova GN, et al. **Prikl Biokhim Mikrobiol** 12(6):890–903, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Ginigival enzymes in inflammatory dystrophic diseases of the parodontium] Barabash RD, et al. **Stomatologiia (Mosk)** 56(2):29–31, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Kinin system and the prospects for its study in stomatology] Khomenko LA. **Stomatologiia (Mosk)** 56(3):75–7, May–Jun 77 (45 ref.) **(Rus)**

[Activity of lysosomal enzymes in the blood and synovial fluid in joint diseases] Fil'chagin NM, et al. **Ter Arkh** 49(2):120–3, 1977 (Eng. Abstr.) **(Rus)**

[Proteolytic activity in the stomach in vivo in different functional conditions of its mucosa] Gorshkov VA. **Ter Arkh** 49(5):105–10, 1977 (Eng. Abstr.) **(Rus)**

[Clotting factors and the process of cellular excitation] Rusiaev VF, et al. **Usp Fiziol Nauk** 8(2):94–111, Apr–May 77 **(Rus)**

[Scientifically proved approach to the use of some biologically active substances in cosmetology] Akhabadze AF, et al. **Vestn Dermatol Venerol** (6):8–12, Jun 77 (Eng. Abstr.) **(Rus)**

[Role of intracellular proteinases and glycosidases in the degradation of the 'large glycoprotein' responsible for the neuraminidase and hemagglutinating activity of the Newcastle disease virus] Tsvetkova IV, et al. **Vopr Med Khim** 22(2):266–9, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Proteolytic enzymes in palatine tonsil lymphocytes] Veremeenko KN, et al. **Vopr Med Khim** (1):101–5, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[Proteolytic activity in rat liver mitochondria] Volodina TV, et al. **Vopr Med Khim** (3):338–43, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Effect of antacid therapy on intragastric proteolysis in children with diseases of the gastrointestinal system] Apostolov BG, et al. **Vopr Okhr Materin Det** 22(2):35–7, 1977 (Eng. Abstr.) **(Rus)**

[Patterns in the formation of proteolytic enzymes by different strains of C1. botulinum type F] Egorova EN, et al. **Zh Mikrobiol Epidemiol Immunobiol** (4):125–9, Apr 77 (Eng. Abstr.) **(Rus)**

[Biochemical changes in laryngeal cancer] Goloborod'ko OP. **Zh Ushn Nos Gorl Bolezn** (1):112–6, 1977 (96 ref.) **(Rus)**

[Proteolytic enzymes in palatine tonsil lymphocytes of patients with chronic tonsillitis] Volokhonskaia LI, et al. **Zh Ushn Nos Gorl Bolezn** (3):41–5, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Distribution of acid and neutral proteases in various organs and tissues of chickens] Blahovec J, et al. **Vet Med (Praha)** 21(9):545–50, Sep 76 **(Slo)**

[Enzymatic properties of thermophilic fungi] Bilaĭ TI. **Mikrobiol Zh** 39(2):243–8, Mar–Apr 77 (72 ref.) **(Ukr)**

[Isolation of proteolytic enzymes from Bacillus mesentericus and a study of their properties] Galkina TA, et al. **Mikrobiol Zh** 39(3):286–9, 1977 (Eng. Abstr.) **(Ukr)**

[Effect of heparin on nitrogen metabolism in the myocardium of dogs under normal conditions and following an experimental myocardial infarct] Fetisova TV, et al. **Ukr Biokhim Zh** 49(1):107–12, Jan–Feb 77 (Eng. Abstr.) **(Ukr)**

[Peptide hydrolase activity in rabbit brain subcellular fractions under conditions of adrenalectomy and administration of hydrocortisone and ACTH] Kalins' ka LM, et al. **Ukr Biokhim Zh** 49(4):92–6, Jul–Aug 77 (Eng. Abstr.) **(Ukr)**

[Hydrolysis of insoluble bone collagen by crystalline alpha-amylase from Aspergillus oryzae] Karpenko GF, et al. **Ukr Biokhim Zh** 48(5):640–4, Sep–Oct 76 (Eng. Abstr.) **(Ukr)**

[Study of bone tissue insoluble collagen hydrolysis by Streptomyces griseus protease using the method of N-terminal analysis] Karpenko GF, et al. **Ukr Biokhim Zh** 49(3):80–4, May–Jun 77 (Eng. Abstr.) **(Ukr)**

PHARMACODYNAMICS

Relase of retraction stimulating factor (RSF) during platelet dependent retraction of reptilase clots. Klener P, et al. **Acta Univ Carol [Med] (Praha)** 22(1–2):3–8, 1976

Platelet shape change induced by cold and the retraction of reptilase clots. Kubisz P, et al. **Acta Univ Carol [Med] (Praha)** 22(1–2):9–17, 1976

Chemical and enzymatic modification of membrane proteins and anion transport in human red blood cells. Passow H, et al. **Adv Exp Med Biol** 84:353–79, 1977

Synthesis of chitin by particulate preparations from Aspergillus flavus. López-Romero E, et al. **Antonie van Leeuwenhoek** 42(3):261–76, 1976

Stability of the antigen expression in the spontaneous mammary adenocarcinoma during cultivation and absorbtion with immune serum. Hakim AA. **Arch Geschwulstforsch** 47(2):127–37, 1977

Advantages of a combination of proteolytic enzymes, flavonoids and ascorbic acid in comparison with non-steroid anti-inflammatory agents. Tarayre JP, et al. **Arzneim Forsch** 27(6):1144–9, 1977

A comparative study of the effect of modification of the surface of human platelets on the receptors for aggregated immunoglobulins and for ristocentin-von Willebrand factor. Pfueller SL, et al. **Biochim Biophys Acta** 465(3):614–26, 17 Mar 77

Stimulation of cyclic nucleotide phosphodiesterases from rat brain by activator protein, proteolytic enzymes and a vitamin E derivative. Sakai T, et al. **Biochim Biophys Acta** 483(1):121–34, 8 Jul 77

Unique pattern of fibrinogen cleavage by human leukocyte proteases. Bilezikian SB, et al. **Blood** 50(1):21–8, Jul 77

Solubilization, partial purification and radioassay for the intrinsic factor receptor from the ileal mucosa. Cotter R, et al. **Br J Haematol** 34(3):477–87, Nov 76

The role of nerve-growth factor (NGF) in the central nervous system. Freed WJ. **Brain Res Bull** 1(4):393–412, Jul–Aug 76 (243 ref.)

The fusion of erythrocytes by treatment with proteolytic enzymes and polyethylene glycol. Hartmann JX, et al. **Can J Genet Cytol** 18(3):503–12, Sep 76

The effects of enzymatic digestion on the elastic properties of isolated human cerebral arteries. Damude LC, et al. **Can J Physiol Pharmacol** 55(2):161–9, Apr 77

Towards selectivity? Approaches to the design of new anti-tumour agents--II. Cox PJ, et al. **Cancer Treat Rev** 4(2):119–34, Jun 77 (121 ref.)

Solubilization of biologically active cell surface antigens. Pincus JH. **Contemp Top Mol Immunol** 5:87–124, 1976 (171 ref.)

Decondensation of sperm nuclei in vitro. Gall WE, et al. **Exp Cell Res** 102(2):349–58, 15 Oct 76

Initiation of meiotic maturation by specific proteases in oocytes of the polychaete annelid Sabellaria alveolata. Peaucellier G. **Exp Cell Res** 106(1):1–14, Apr 77

Proteolytic activation of adenylate cyclase from rat-liver plasma membranes. Lacombe ML, et al. **FEBS Lett** 77(2):159–63, 15 May 77

Exocellular proteases of Serratia marcescens and their toxicity to larvae of Galleria mellonella. Kaška M, et al. **Folia Microbiol (Praha)** 21(6):465–73, 1976

Isolation and characterization of four peptide hydrolases from the cytosol of rat intestinal mucosa. Schiller CM, et al. **Gastroenterology** 72(1):93–100, Jan 77 (51 ref.)

Inhibition of human platelet aggregation by the proteolytic effect of streptokinase. Role of the human factor-VIII-related protein. Castillo R, et al. **Haemostasis** 5(5):306–17, 1976

Inactivation of yeast enzymes by proteinase A and B and carboxypeptidase Y from yeast. Jušić M, et al. **Hoppe Seylers Z Physiol Chem** 357(5):735–40, May 76

Stimulating effect of neutral proteases on cells in vitro. pp. 180–2. Vischer TL, et al. **In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.**

Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. pp. 50–80. Holmsen H. **In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.** (148 ref.)

Loss of antibody activity in human immunoglobulin A exposed extracellular immunoglobulin A proteases of Neisseria gonorrhoeae and Streptococcus sanguis. Plaut AG, et al. **Infect Immun** 17(1):130–5, Jul 77

Release of beta-lysin from platelets caused by antigen-antibody complexes, purified enzymes, and platelet-aggregating substances. Roberts RR, et al. **Infect Immun** 15(2):485–90, Feb 77

Lysis and killing of bacteria by lysosomal proteinases. Thorne KJ, et al. **Infect Immun** 14(2):555–63, Aug 76

Influence of detergent on aerosol allergic sensitization with enzymes of Bacillus subtilis. Markham RJ, et al. **Int Arch Allergy Appl Immunol** 51(5):529–43, 1976

Studies on a protamine (galline) from fowl sperm. 4. Degradation of galline by trypsin-like protease of fowl sperm heads. Nakano M, et al. **Int J Pept Protein Res** 8(6):579–87, 1976

Impairment of the M-protein and unmasking of a superficial type-specific antigen by proteolytic treatment of influenza A virions with preservation of host-specific antigenicity. Reginster M, et al. **Intervirology** 6(4–5):239–48, 1975–76

Pseudomonas protease. Purification, partial characterization, and its effect on collagen, proteoglycan, and rabbit corneas. Kessler E, et al. **Invest Ophthal Visual Sci** 16(6):488–97, Jun 77

Glutathione reductase in the sea urchin egg. III. Activation of the complex form by proteinases. Ichio II. **J Biochem (Tokyo)** 81(3):673–80, Mar 77

Boar proacrosin. Purification and preliminary activation studies of proacrosin isolated from ejaculated boar sperm. Polakoski KL, et al. **J Biol Chem** 252(6):1888–94, 25 Mar 77

Enzyme inactivation by a cellular neutral protease: enzyme specificity, effects of ligands on inactivation, and implications for the regulation of enzyme degradation. Levy MR, et al. **J Cell Physiol** 90(2):253–63, Feb 77

Processing of a pseudorabies virus-induced protein which is glycosylated, sulphated and excreted. Pennington TH, et al. **J Gen Virol** 34(1):155–65, Jan 77

Activation of the classical complement pathway by Fc fragment of human IgA. Burritt MF, et al. **J Immunol** 118(2):723–5, Feb 77

Recovery of soluble sheep erythrocyte receptor from the T lymphocyte surface by proteolytic cleavage. Chisari FV, et al. **J Immunol** 118(4):1138–42, Apr 77

Mitogenic activity of Actinomyces viscosus. I. Effects on murine B and T lymphocytes, and partial characterization. Engel D, et al. **J Immunol** 118(4):1466–71, Apr 77

Characterization of IgC receptors of the fetal rabbit yolk sac membrane: localization to subcellular fraction and effects of chemical agents and enzymes on binding. Hillman K, et al. **J Immunol** 118(3):782–8, Mar 77

Binding of N-acetylgalactosamine-containing compounds by a human IgM paraprotein. Naiki M, et al. **J Immunol** 119(2):537–9, Aug 77

Trypsin-induced increase in intracellular cyclic AMP of lymphocytes. Shneyour A, et al. **J Immunol** 117(6):2143–9, Dec 76

Potentiation of postjunctional cholinergic sensitivity of rat diaphragm muscle by high-energy-phosphate adenine nucleotides. Ewald DA. **J Membr Biol** 29(1-2):47-65, 20 Oct 76

Nature of the rabbit acrosome reaction-inducing activity of follicular fluid. Oliphant G, et al. **J Reprod Fertil** 50(2):245-50, Jul 77

Androgen binding in human testis. Burke WR, et al. **J Urol** 118(1 Pt 1):52-7, Jul 77

[Effects of a proteolytic-enzyme preparation used concomitantly with an antibiotic in osteoarticular infections (author's transl)] Okumura H, et al. **Jpn J Antibiot** 30(3):223-7, Mar 77 (Eng. Abstr.)

Effect of protease on the production.of Clostridium perfringens alpha toxin. Sato H, et al. **Jpn J Med Sci Biol** 30(1):44-6, Feb 77

Effects of intracellular pH on plateau formation following the action potential of squid giant axons. Terakawa S, et al. **Jpn J Physiol** 26(6):693-701, 1976

Structural and compositional changes in rat liver ribosomes following partial hepatectomy. Morin-Coutu F, et al. **Lab Invest** 37(3):307-13, Sep 77

Properties of 3H-diazepam binding to benzodiazepine receptors in rat cerebral cortex. Möhler H, et al. **Life Sci** 20(12):2101-10, 15 Jun 77

Growth of coliphage BF23 on rough strains of Salmonella typhimurium: the bfe locus. Mojica-a T, et al. **Mol Gen Genet** 147(2):195-202, 19 Aug 76

Protease effects on specific growth properties of normal and transformed baby hamster kidney cells. Brown M, et al. **Proc Natl Acad Sci USA** 74(7):2874-8, Jul 77

Synthesis of opiate peptides by a clonal pituitary tumor cell line. Giagnoni G, et al. **Proc Natl Acad Sci USA** 74(6) 2259-63, Jun 77

Protease-induced constriction in rats' bronchi. Iravani J, et al. **Respiration** 34(1):39-44, 1977

Regulation of in vitro immunocyte activation. Origin of and targets for cell-released inhibitors. Persson U, et al. **Scand J Immunol** 6(1-2):15-30, 1977

Anticoagulation with defibrase during prolonged extracorporeal circulation in the dog. Berglin E, et al. **Scand J Thorac Cardiovasc Surg** 10(3):225-30, 1976

A comparative ex vivo study of plasminogen activators and proteases for fibrinolytic activity and side effects in rabbits. Janik BA, et al. **Thromb Haemostas** 37(1):154-61, 28 Feb 77

Effect of brinase (protease I from aspergillus oryzae) on the elimination of fibrin from the lungs and pulmonary damage in rats with induced intravascular coagulation and inhibited fibrinolysis. Diffang C, et al. **Thromb Res** 9(6):611-22, Dec 76

Throbocytin-a novel platelet activating enzyme from Bothrops atrox venom. Niewiarowski S, et al. **Thromb Res** 10(6):863-9, Jun 77

Effect of brinase and thrombolysin on the electrochemical, nature of the cardiovascular system of experimental animals (dogs and rabbits). Sawyer PN. **Thromb Res** 10(3):531-6, Mar 77

On the agglutinogens of red cells developed with proteolytic enzymes and neuraminidase. Sagisaka K, et al. **Tohoku J Exp Med** 120(2):169-75, Oct 76

Functional analysis of the interactions between reovirus particles and various proteases in vitro. Sargent MD, et al. **Virology** 78(1):354-8, 1 May 77

Mode of action of nisin on some representative bacterial spores. Mahmoud SA, et al. **Zentralbl Bakteriol [Naturwiss]** 131(3):212-21, 1976

[Rheology of bronchial secretions and mucociliary transport (author's transl)] Puchelle E, et al. **Bull Eur Physiopathol Respir** 12(6):771-9, Nov-Dec 76 (Eng. Abstr.) **(Fre)**

[Polyagglutinability due to Hempas antigen] Rochant H, et al. **Rev Fr Transfus Immunohematol** 19(1):239-45, Mar 76 (12 ref.) (Eng. Abstr.) **(Fre)**

[Fibrinolytic properties of a heparin-ocrase complex] Kudrjashov BA, et al. **Folia Haematol (Leipz)** 103(4):573-82, 1976 (Eng. Abstr.) **(Ger)**

[High-dose enzyme-substitution therapy in digestive disorders] Moosauer M. **Fortschr Med** 94(31):1815-7, 4 Nov 76 (Eng. Abstr.) **(Ger)**

[Drug therapy of bronchosecretolytic disorders] Schmidt OP. **Med Klin** 72(5):145-60, 4 Feb 77 (98 ref.) **(Ger)**

[Study on the viscolytic activity of the sputum (author's transl)] Martinetti L. **Ann Sclavo** 18(2):156-64, Mar-Apr 76 (Eng. Abstr.) **(Ita)**

[Penetration of antibiotics into experimental foci of inflammation under the influence of proteolytic enzymes] Geĭtman IIa, et al. **Antibiotiki** 21(10):927-32, Oct 76 (Eng. Abstr.) **(Rus)**

[Effect of detergents and proteolytic enzymes on membrane-bound phosphohydrolases in Escherichia coli cells with repressed and depressed biosynthesis of these enzymes] Nesmeianova MA, et al. **Biokhimiia** 41(7):1256-62, 1976 (Eng. Abstr.) **(Rus)**

[Thrombolytic activity of terrilytin and its effect on the coagulating system of the blood] Andreev SV, et al. **Biull Eksp Biol Med** 82(8):936-7, Aug 76 (Eng. Abstr.) **(Rus)**

[Physicochemical properties of the human lymphocyte mitogenic factor induced by phytohemagglutinin] Voĭtenok NN, et al. **Biull Eksp Biol Med** 82(8):963-5, Aug 76 (Eng. Abstr.) **(Rus)**

[Influence of proteolytic enzymes on the mycobacteria and Staphylococcus aureus and on their drug resistance] Ershova LIa, et al. **Probl Tuberk** (5):73-8, May 77 (Eng. Abstr.) **(Rus)**

[Electrokinetic characteristics and intercellular interaction of the formed elements of the blood] Markosian AA, et al. **Usp Fiziol Nauk** 8(1):91-108, Jan-Mar 77 (81 ref.) **(Rus)**

[Enzymes and protein inhibitors in surgery] Struchkov VI, et al. **Vestn Akad Med Nauk SSSR** (9):74-9, 1976 (Eng. Abstr.) **(Rus)**

[Effect of proteline on the course of surgical infection and healing of soft tissue wounds] Grigorian AV, et al. **Vestn Khir** 119(7):15-9, Jul 77 (Eng. Abstr.) **(Rus)**

[Local effect of terrilytin and its basic component after subconjunctival administration (experimental study)] Volkov VV, et al. **Vestn Oftalmol** (1):41-4, 1977 (Eng. Abstr.) **(Rus)**

[Action of terrilytin on the plasma membranes in the cells of the liver] Kravchenko LS, et al. **Veterinariia** (9):79-81, 1976 **(Rus)**

[Blood coagulating properties of immobilized proteases] Zubairov DM, et al. **Vopr Med Khim** 22(2):187-91, Mar-Apr 76 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Hageman complement and factor. Kim Z. **Ann Allergy** 38(3):211-4, Mar 77

A proenzyme of cyclic nucleotide-independent protein kinase and its activation by calcium-dependent neutral protease from rat liver. Takai Y, et al. **Biochem Biophys Res Commun** 77(2):542-50, 25 Jul 77

Catabolite inactivation of bakers'-yeast uridine nucleosidase. Isolation and partial purification of a specific proteolytic inactivase. Magni G, et al. **Eur J Biochem** 75(1):77-82, 2 May 77

A probable role of cell proteinases in the biogenesis of mitochondria in yeast. Luzikov VN, et al. **FEBS Lett** 69(1):108-10, 15 Oct 76

The role of proteases in biological regulation. pp. 29-42. Neurath H, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (21 ref.)

SECRETION

Effect of bile duct obstruction on pancreatic enzyme secretion and intestinal proteolytic enzyme activity in the rat. Green G, et al. **Am J Dig Dis** 22(5):437-44, May 77

Fibrinolytic activity in the rabbit uterus and its fluid with and without copper IUD. Liedholm P, et al. **Contraception** 15(2):215-24, Feb 77

Lysosomal hydrolase secretion by Tetrahymena: a comparison of several intralysosomal enzymes with the isoenzymes released into the medium. Blum JJ. **J Cell Physiol** 89(3):457-72, NOV 76

Primary lesion in osteoarthrosis. Glynn LE. **Lancet** 1(8011):574-5, 12 Mar 77

[Exocrine function of the pancreas under the effect of different doses of hexachlorocyclohexane] Zakirov UB, et al. **Farmakol Toksikol** 39(4):455-8, Jun-Aug 76 (Eng. Abstr.) **(Rus)**

[Secretion of proteolytic enzymes following administration of nutrients into the duodenum and jejunum] Berkos OV, et al. **Vopr Pitan** (1):47-50, Jan-Feb 76 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Experimental enzymatic necrolysis and necrectomy in burns. Moserová J, et al. **Acta Chir Plast (Praha)** 18(3):135-42, 1976

Double-blind trials with ethamsylate, batroxobin or tranexamic acid on blood loss after adenotonsillectomy. Verstraete M, et al. **Acta Clin Belg** 32(2):136-41, 1977

Current management of cystic fibrosis. Waring WW. **Adv Pediatr** 23:401-38, 1976 (74 ref.)

Advantages of a combination of proteolytic enzymes, flavonoids and ascorbic acid in comparison with non-steroid anti-inflammatory agents. Tarayre JP, et al. **Arzneim Forsch** 27(6):1144–9, 1977

Evidence that pancreatic proteases enhance vitamin B12 absorption by acting on curde preparations of hog gastric intrinsic factor and human gastric juice. Toskes PP, et al. **Gastroenterology** 72(1):31–6, Jan 77

Usefulness of ancillary drugs in mastitis therapy. Black WD. **J Am Vet Med Assoc** 170(10 Pt 2):1187–9, 15 May 77

[Effects of a proteolytic-enzyme preparation used concomitantly with an antibiotic in osteoarticular infections (author's transl)] Okumura H, et al. **Jpn J Antibiot** 30(3):223–7, Mar 77 (Eng. Abstr.)

The influence of drugs on disseminated intravascular coagulation (DIC). I. Effects of antifibrinolytics and fibrinolytics on thrombin-induced DIC in rats. Markwardt F, et al. **Thromb Res** 9(2):143–52, Aug 76

Experience of extensive vascular surgery on defibrase-defibrinogenated patients. Olsson P, et al. **Thromb Res** 9(3):277–87, Sep 76

[Electrotherapy in circulatory disorders of the legs] Guillemin R, et al. **Electrodiagn Ther** 14(1):5–8, 1977 **(Fre)**

[A new treatment of digestive functional disorders: Sabilase] Chevrel B. **Med Chir Dig** 6(4):225–8, 1977 **(Fre)**

[High-dose enzyme-substitution therapy in digestive disorders] Moosauer M. **Fortschr Med** 94(31):1815–7, 4 Nov 76 (Eng. Abstr.) **(Ger)**

[Experience with a new enzyme-dimethylpolysiloxane preparation] Hüdepohl JM. **Munch Med Wochenschr** 119(26):905–6, 1 Jul 77 **(Ger)**

[Defibrination-therapy using a thrombin-like snake venom enzyme (Defibrase) Blood-coagulation physiological studies and clinical experiences] Martin M, et al. **Vasa** Suppl 5:1–39, 1976 **(Ger)**

[Experiences with proteolytic enzymes in bronchial carcinoma] Kesztele V, et al. **Wien Med Wochenschr** 126(25-27):412–4, 25 Jun 76 **(Ger)**

[Prevention of complications after lung resection (author's transl)] Utkin W, et al. **Zentralbl Chir** 102(10):629–63, 1977 (Eng. Abstr.) **(Ger)**

[Clinical evaluation of KPC by the double blind test against infection and postoperative inflammation in oral surgery (author's transl)] Ishikawa T, et al. **Jpn J Oral Surg** 22(1):110–30, 76 **(Jpn)**

[Use of defibrinating enzymes in the treatment of chronic ischemia of lower extremities] Malanowicz W, et al. **Pol Arch Med Wewn** 58(1):23–31, Jul 77 (Eng. Abstr.) **(Pol)**

[Problems of clinical immunology in surgery] Struchkov VI, et al. **Khirurgiia (Mosk)** (1):13–8, Jan 77 (Eng. Abstr.) **(Rus)**

[Surgical infection and methods of its control] Ivashkevich GA. **Klin Khir** (5):13–8, May 76 (27 ref.) (Eng. Abstr.) **(Rus)**

[Reestablishment of bronchial passage in patients with pulmonary tuberculosis following partial resection and under the action of proteolytic enzymes] Ershov VN, et al. **Probl Tuberk** (6):79–80, Jun 77 **(Rus)**

[Healing of suppurative wounds during treatment with proteolytic enzymes of bacterial origin] Khanin AG, et al. **Sov Med** (3):119–24, Mar 76 (Eng. Abstr.) **(Rus)**

[Enzymes and protein inhibitors in surgery] Struchkov VI, et al. **Vestn Akad Med Nauk SSSR** (9):74–9, 1976 (Eng. Abstr.) **(Rus)**

[Effect of proteline on the course of surgical infection and healing of soft tissue wounds] Grigorian AV, et al. **Vestn Khir** 119(7):15–9, Jul 77 (Eng. Abstr.) **(Rus)**

[Role of enzymes in the pathogenesis, diagnosis and treatment of eye diseases] Kasavina BS, et al. **Vestn Oftalmol** (4):85–8, Jul-Aug 77 **(Rus)**

[Protelin in experimental laser goniopuncture and laser iridectomy] Polunin GS, et al. **Vestn Oftalmol** (2):9–15, Mar-Apr 77 (Eng. Abstr.) **(Rus)**

[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**

[Effect of enzymes of the protease and nuclease groups on Eustachian tube function in patients with chronic suppurative otitis] Zavadskiĭ AV. **Zh Ushn Nos Gorl Bolezn** (5):84, Sep-Oct 76 **(Rus)**

[Teflon drainage in the complex treatment of children with acute and chronic Highmoritis] Evdoshchenko EA, et al. **Zh Vyssh Nerv Deiat** 26(4):7–13, Jun-Aug 76 (Eng. Abstr.) **(Rus)**

[Nonvenereal lymphangitis of the penis] Woscoff A, et al. **Med Cutan Iber Lat Am** 4(5):341–7, 1976 (Eng. Abstr.) **(Spa)**

TOXICITY

Behaviors of a vigorous protease-producing strain of Staphylocollus aureus in the skin tissue of mice. Takeuchi S, et al. **Jpn J Microbiol** 20(3):155–62, Jun 76

Biological effects of proteolytic enzyme detergents. **Thorax** 31(6):621–34, Dec 76 (74 ref.)

URINE

[Urinary pancreatic enzymatic activity in healthy infants in the 1st year of life] Zorina NP. **Pediatr Akush Ginekol** (2):26–7, Mar-Apr 77 **(Ukr)**

PEPTIDE PEPTIDOHYDROLASES

Pancreatitis following the intraductal injection of partially purified enterokinase in dogs. Hammond JB, et al. **Am J Dig Dis** 22(3):182–8, Mar 77

Observation of two procrosins in extracts of human spermatozoa. Tobias PS, et al. **Biochem Biophys Res Commun** 74(2):434–9, 24 Jan 77

Large fragments of human serum albumin. Geisow MJ, et al. **Biochem J** 161(3):619–25, 1 Mar 77

Inactivation of human alpha 1-proteinase inhibitor by thiol proteinases. Johnson D, et al. **Biochem J** 163(3):639–41, 1 Jun 77

4-Chloro-7-nitrobenzo-2-oxa-1,3-diazole as a reactivity probe for the investigation of the thiol proteinases. evidence that ficin and bromelain may lack carboxyl groups conformationally equivalent to that of aspartic acid-158 of papain. Shipton M, et al. **Biochem J** 159(2):235–44, Nov 76

Evaluation of benzofuroxan as a chromophoric oxidizing agent for thiol groups by using its reactions with papain, ficin, bromelain and low-molecular-weight thiols Shipton M, et al. **Biochem J** 161(3):627–37, 1 Mar 77

A latent form of collagenase in the involuting rat uterus and its activation by a serine proteinase. Woessner JF Jr. **Biochem J** 161(3):535–42, 1 Mar 77

Bovine enterokinase. Purification, specificity, and some molecular properties. Anderson LE, et al. **Biochemistry** 16(15):3354–60, 26 Jul 77

P-Nitrophenyl carbamates as active-site-specific reagents for serine proteases. Scofield RE, et al. **Biochemistry** 16(11):2492–6, 31 May 77

On the catalytic and binding sites of porcine enteropeptidase. Baratti J, et al. **Biochim Biophys Acta** 452(2):488–96, 8 Dec 76

A rapid method for the preparation of stable 99Tcm-urokinase. Hill PM. **Br J Radiol** 50(595):518–20, Jul 77

Amino acid sequence of penicillopepsin. IV. Myxobacter AL-1 protease II and Staphylococcus aureus protease fragments and homology with pig pepsin and chymosin. Cunningham A, et al. **Can J Biochem** 54(10):902–14, Oct 76

Amino acid sequence of penicillopepsin. III. Isolation and characterization of amino terminal, tryptic, and tryptophanyl peptides. Harris CI, et al. **Can J Biochem** 54(10):895–901, Oct 76

Amino acid sequence of penicillopepsin. I. Isolation and characterization of the chymotryptic peptides. Kurosky A, et al. **Can J Biochem** 54(10):872–84, Oct 76

Amino acid sequence of penicillopepsin. II. Isolation and characterization of thermolytic peptides. Rao L, et al. **Can J Biochem** 54(10):885–94, Oct 76

Role of keratinases in dermatophytosis. IV. Reactivities of sera from guinea pigs with heat-inactivated keratinase II. Grappel SF. **Dermatologica** 153(3):157–62, 1976

Purification and characterization of vicilin peptidohydrolase, the major endopeptidase in the cotyledons of mung-bean seedlings. Baumgartner B, et al. **Eur J Biochem** 77(2):223–33, 15 Jul 77

Some characteristics of urokinase released in organ culture of human kidney. Astedt B, et al. **Experientia** 33(5):589–91, 15 May 77

Occurrence of multiple forms of bull and ram acrosin during proenzyme activation and inhibition of activation by p-nitrophenyl p'-guanidinobenzoate. Borhan GS, et al. **Hoppe Seylers Z Physiol Chem** 357(5):667–71, May 76

Enzyme separation techniques for the study of growth of cells from layers of bovine dental pulp. Miller WA, et al. **In Vitro** 12(8):580–8, Aug 76

The use of dipeptidyl aminopeptidase (DAP) and gas chromatography-mass spectrometry (GC-MS) in polypeptide sequencing. pp. 985–90. Krutzsch HC, et al.

In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.

Boar proacrosin. Purification and preliminary activation studies of proacrosin isolated from ejaculated boar sperm. Polakoski KL, et al. **J Biol Chem** 252(6):1888–94, 25 Mar 77

Urinary and kidney cell plasminogen activator (urokinase). Barlow GH. **Methods Enzymol** 45:239–44, 1976

Protease from Staphyloccus aureus. Drapeau GR. **Methods Enzymol** 45:469–75, 1976

Thermomycolin. Gaucher GM, et al. **Methods Enzymol** 45:415–33, 1976

Penicillopepsin. Hofmann T. **Methods Enzymol** 45:434–52, 1976

Proteinases from the venom of Agkistrodon halys blomhoffi. Iwanaga S, et al. **Methods Enzymol** 45:459–68, 1976

Crotalase. Markland FS Jr. **Methods Enzymol** 45:223–36, 1976

Ancrod, the coagulating enzyme from Malayan pit viper (Agkistrodon rhodostoma) venom. Nolan C, et al. **Methods Enzymol** 45:205–13, 1976

Proacrosin. Polakoski KL, et al. **Methods Enzymol** 45:325–9, 1976

Leucostoma peptidase A. Prescott JM, et al. **Methods Enzymol** 45:397–404, 1976

Sperm acrosin. Schleuning WD, et al. **Methods Enzymol** 45:330–42, 1976

The coagulant enzyme from Bothrops atrox venom (batroxobin). Stocker K, et al. **Methods Enzymol** 45:214–23, 1976

Aeromonas neutral protease. Wilkes SH, et al. **Methods Enzymol** 45:404–15, 1976

Dipeptidyl carboxypeptidase from Escherichia coli. Yaron A. **Methods Enzymol** 45:599–610, 1976

Penicillopepsin from Penicillium janthinellum crystal structure at 2.8 A and sequence homology with porcine pepsin. Hsu IN, et al. **Nature** 266(5598):140–5, 10 Mar 77

Mechanism of acid protease catalysis based on the crystal structure of penicillopepsin. James MN, et al. **Nature** 267(5614):808–13, 30 Jun 77

Synthetic substrates and the discrimination between urokinase and tissue plasminogen activator activity. Nieuwenhuizen W, et al. **Thromb Res** 11(1):87–9, Jul 77

Human enterokinase. Rutgeerts L, et al. **Tijdschr Gastroenterol** 19(4):231–46, 1976

[Characterization and separation of exocellular gamma-D-glutamyl-(L)meso-diaminopimelate endopeptidase and LD-carboxypeptidase from Bacillus sphaericus 9602] Vacheron MJ, et al. **Biochimie** 59(1):15–21, 1977 (Eng. Abstr.) **(Fre)**

[Studies of acrosin and human sperm trypsin inhibitor activity in human semen. I. Relations to sperm density] Schirren C, et al. **Andrologia** 8(3):249–54, 1976 (Eng. Abstr.) **(Ger)**

[In vivo resorption of trypsin- and thermitase-cleaved casein and analogous amino acid mixtures] Friedrich M, et al. **Nahrung** 21(1):K1–4, 1977 **(Ger)**

[Electron microscopic study of enzyme-solubilized collagen fibrils (letter)] Istranov LP, et al. **Biofizika** 21(3):577–9, May-Jun 76 (Eng. Abstr.) **(Rus)**

[Optical rotatory dispersion and circular dichroism of enzyme- and alkali-dissolved collagen] Istranov LP, et al. **Biofizika** 21(4):624–8, Jul-Aug 76 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Assessment of the thrombolytic effect of low urokinase concentrations. Matsuo O, et al. **Acta Haematol Jpn** 39(3):298–305, Jun 76

Multiple courses of ancrod (Arvin) therapy [letter]. **Br Med J** 1(6059):508–9, 19 Feb 1977

Postpartum acute renal failure: possible role for endarterial urokinase. Cochran M, et al. **Br Med J** 1(6071):1257, 14 May 77

Pretreatment with heparin in thrombolytic therapy with Urokinase. Heparin-urokinase therapy. Bizzi B, et al. **Haemostasis** 5(3):147–54, 1976

[Lumbo-sciatica and chemonucleolysis] Dubuc F, et al. **Union Med Can** 106(1):65–72, Jan 77 (Eng. Abstr.) **(Fre)**

[Modified dosage scheme for the subcutaneous use of arvin in patients with chronic arterial occlusive diseases] Ehrly AM, et al. **Vasa** 5(2):155–62, 1976 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Sensitivity reaction--chymopapain vs. radiographic dye [letter] Kaplan R. **Anesthesiology** 47(4):399–400, Oct 77

ANALYSIS

Agar plate tests of enhanced sensitivity for detecting biologically active products of staphylococcal filtrates. Madler JJ, et al. **Appl Environ Microbiol** 32(4):575–8, Oct 76

Proteins of the kidney microvillus membrane. Identification of subunits after sodium dodecylsullphate/polyacrylamide-gel electrophoresis. Booth AG, et al. **Biochem J** 159(2):395–407, Nov 76

Identification of protein subunits in the kidney microvillus membrane. Booth AG, et al. **Biochem Soc Trans** 4(2):348–50, 1976

N-terminal amino acid sequences of acid proteases: acid proteases from Penicillium roqueforti and Rhizopus chinensis and alignment with penicillopepsin and mammalian proteases. Gripon JC, et al. **Can J Biochem** 55(5):504–6, May 77

Sensitive radiochemical esterolytic assays for urokinase. Imanari T, et al. **Clin Chim Acta** 71(2):267–76, 6 Sep 76

Immunofluorescent localisation of enterokinase in human small intestine. Hermon-Taylor J, et al. **Gut** 18(4):259–65, Apr 77

Risk for recombinants in pericentric inversions of the (p11 leads to q21) region of chromosome 18. Vigi V, et al. **Hum Genet** 37(1):1–5, 10 Jun 77

Failure of immunoperoxidase staining to detect acrosin in the equatorial segment of spermatozoa (1). Garner DL, et al. **J Exp Zool** 201(2):309–15, Aug 77

Purity of staphylococcal delta-haemolysin obtained by three different procedures. Lee SH, et al. **J Med Microbiol** 9(4):371–7, Nov 76

The metalloenzymic nature of collagenase-like peptidase of the rat testis. Lukač J, et al. **J Reprod Fertil** 49(1):95–9, Jan 77

Dipeptidyl aminopeptidase II in rat peritoneal wash cells. Cytochemical localization and biochemical characterization. Sannes PL, et al. **Lab Invest** 37(3):243–53, Sep 77

Urinary and kidney cell plasminogen activator (urokinase). Barlow GH. **Methods Enzymol** 45:239–44, 1976

Thermomycolin. Gaucher GM, et al. **Methods Enzymol** 45:415–33, 1976

Sperm acrosin. Schleuning WD, et al. **Methods Enzymol** 45:330–42, 1976

The coagulant enzyme from Bothrops atrox venom (batroxobin). Stocker K, et al. **Methods Enzymol** 45:214–23, 1976

Enzyme polymorphisms as genetic signatures in human cell cultures. O'Brien SU, et al. **Science** 195(4284):1345–8, 25 Mar 77

Human intraspecific somatic cell hybrids: a genetic and karyotypic analysis of crosses between lymphocytes and D98/AH-2. Bengtsson BO, et al. **Somatic Cell Genet** 1(1):41–64, Jan 75

Studies on tissue culture plasminogen activator. II. The detection and assay of urokinase and plasminogen activator from LLC-PK cultures (porcine) by the synthetic substrate Nalpha-benzyloxycarbonyl-glycyl-glycyl-arginyl-4-meth Huseby RM, et al. **Thromb Res** 10(5):679–87, May 77

Characterization of a thrombin-like enzyme from Crotalus adamanteus (Eastern diamondback rattlesnake) [proceedings]. Markland FS, et al. **Toxicon** 14(6):412–3, 76

[Studies of acrosin and human sperm trypsin inhibitor activity in human semen. I. Relations to sperm density] Schirren C, et al. **Andrologia** 8(3):249–54, 1976 (Eng. Abstr.) **(Ger)**

[Aminoacid-p-nitroanilides splitting activities in the mature human placenta (author's transl)] Held E. **Arch Gynaekol** 222(4):295–309, 8 Jul 77 (Eng. Abstr.) **(Ger)**

[Aminoacid-p-nitroanilides splitting activities in the mouse human placenta (author's transl)] Unger T, et al. **Arch Gynaekol** 222(4):311–8, 8 Jul 77 (Eng. Abstr.) **(Ger)**

[Biospecific chromatography of Bacillus subtilis metalloendoproteinase and detection of multiple forms of the enzyme] Vaganova TI, et al. **Biokhimiia** 41(12):2229–36, Dec 76 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Proteolysis of tropoelastin. Mecham R, et al. **Adv Exp Med Biol** 79:209–20, 1977

Plasminogen activators and urokinase inhibitors in the lungs of foetuses and newborns. Uszynska-Folejewska R. **Anaesth Resusc Intensive Ther** 4(1):41–5, Jan-Mar 76

Inhibition of pseudorenin by pepstatin. Johnson RL, et al. **Biochem Pharmacol** 26(7):639–41, 1 Apr 77

P-Nitrophenyl carbamates as active-site-specific reagents for serine proteases. Scofield RE, et al. **Biochemistry** 16(11):2492–6, 31 May 77

Postproline cleaving enzyme: identification as serine protease

using active site specific inhibitors. Yoshimoto T, et al. **Biochemistry** 16(13):2942–8, 28 Jun 77

Effects of glucose and nitrogen source on the levels of proteinases, peptidases, and proteinase inhibitors in yeast. Hansen RJ, et al. **Biochim Biophys Acta** 496(1):103–14, 24 Jan 77

Effect of Ca2+ and salt on forms of estradiol cytoplasmic receptor in human neoplastic breast tissue. Schneider SL, et al. **Cancer Res** 37(2):382–7, Feb 77

Purification of a plasminogen activator inhibitor indistinguishable from alpha1-antitrypsin and an urokinase inhibitor in pregnancy plasma. Clemmensen I, et al. **Haemostasis** 5(4):218–30, 1976

Effects of yeast proteinase A, proteinase B and carboxypeptidase Y on yeast phosphofructokinase. Afting EG, et al. **Hoppe Seylers Z Physiol Chem** 357(12):1771–7, Dec 76

Inhibitors of acrosin and granulocyte proteinases from human genital tract secretions. Schiessler H, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1251–60, Sep 76

PZ-peptidase from chick embryos. Purification, properties, and action on collagen peptides. Morales TI, et al. **J Biol Chem** 252(14):4855–60, 25 Jul 77

Mechanism of acid protease catalysis based on the crystal structure of penicillopepsin. James MN, et al. **Nature** 267(5614):808–13, 30 Jun 77

The effects of inhibitors on the catalytic conversion of urokinase. Soberano ME, et al. **Thromb Res** 9(6):675–81, Dec 76

[Synthetic inhibitors of serine proteinases. 13. Quantitative structure-activity relationship for inhibition of trypsin and thrombin by 4-amidinophenyl compounds with a ketone structure] Stürzebecher J, et al. **Acta Biol Med Ger** 35(12):1665–76, 1976 (Eng. Abstr.) **(Ger)**

[Lability of the products of mitochondrial protein synthesis in Saccharomyces cerevisiae yeasts] Bakalkin GIA, et al. **Biokhimiia** 41(10):1878–88, Oct 76 (Eng. Abstr.) **(Rus)**

[Degradation of intracellular proteins at different stages of growth of Saccharomyces cerevisiae] Bakalkin GIa, et al. **Biokhimiia** 41(6):1121–6, Jul 76 (Eng. Abstr.) **(Rus)**

[Role of cell proteinases in the biogenesis of mitochondria] Luzikov VN, et al. **Dokl Akad Nauk SSSR** 229(3):745–8, 1976 **(Rus)**

BIOSYNTHESIS

Occurrence of an extracellular serineproteinase among Staphylococcus aureus strains. Björklind A, et al. **Acta Pathol Microbiol Scand [B]** 85(4):277–80, Aug 77

Variation of M protein with sequential transfer of group A streptococci in semisynthetic media. Pine L. **Microbios** 16(65–66):153–68, 1976

Induction of fetal rat enterokinase (enteropeptidase EC. 3.4.21.9) in utero by hydrocortisone and actinomycin D. Lebenthal E. **Pediatr Res** 11(4):282–5, Apr 77

[Morphogenetic action of trichothecin on Trichothecium roseum] Pal'mova NP, et al. **Mikrobiologiia** 45(6):1023–7, Nov-Dec 76 (Eng. Abstr.) **(Rus)**

BLOOD

Genes and people in the Caspian Littoral: a population genetic study in Northern Iran. Kirk RL, et al. **Am J Phys Anthropol** 46(3):377–90, May 77

Serum glyccylproline p-nitroanilidase activity in human hypertension. Fuyamada H, et al. **Clin Chim Acta** 74(2):177–81, 17 Jan 77

Peptidase inactivation of hypothalamic releasing hormones. Griffiths EC. **Horm Res** 7(3):179–91, 1976 (69 ref.)

Purification of human plasma kallikrein and urokinase by affinity chromatography. Tamura Y, et al. **J Biochem (Tokyo)** 80(3):507–11, Sep 76

Differences in the degradation of hypothalamic releasing factors by rat and human serum. Benuck M, et al. **Life Sci** 19(8):1271–6, 15 Oct 76

Active site of bovine factor XI (plasma thromboplastin antecedent). Koide T, et al. **Nature** 266(5604):729–30, 21 Apr 77

Plasma pseudorenin in rats after alteration in the renin-angiotensin system. Eaton DL, et al. **Proc Soc Exp Biol Med** 154(1):6–8, Jan 77

Formation of a serine enzyme in the presence of bovine factor VIII (antihemophilic factor) and thrombin. Vehar GA, et al. **Science** 197(4301):374–6, 22 Jul 77

Studies on activator formation in human plasma with streptokinase. III. Investigation of activator kinetics in undiluted plasma in terms of urokinase equivalents. Martin M. **Thromb Haemostas** 36(3):566–81, 31 Dec 76

[Amino acid-p-nitroanilide-splitting activities in human serum (author's transl)] Unger T, et al. **Clin Chim Acta** 78(1):113–20, 1 Jul 77 **(Ger)**

[Content of certain enzymes in bile and blood serum of healthy children] Epikhin NV. **Pediatriia** (5):67–9, May 76 **(Rus)**

DEFICIENCY

Human enterokinase. Rutgeerts L, et al. **Tijdschr Gastroenterol** 19(4):231–46, 1976

[Congenital enterokinase deficiency] Goddon R. **Pediatrie** 32(3):297–301, Apr-May 77 (26 ref.) **(Fre)**

DIAGNOSTIC USE

A rapid method for the preparation of stable 99Tcm-urokinase. Hill PM. **Br J Radiol** 50(595):518–20, Jul 77

[Determination of the blood chimera in the Rh-Hr system by using enzymes] Avdeeva RA. **Lab Delo** (11):669–72, 1976 **(Rus)**

IMMUNOLOGY

Acquired resistance to prolonged treatment with intravenous 'Arvin' (ancrod). Thomson NC, et al. **Br J Clin Pract** 30(11–12):232–3, Nov-Dec 76

Role of keratinases in dermatophytosis. IV. Reactivities of sera from guinea pigs with heat-inactivated keratinase II. Grappel SF. **Dermatologica** 153(3):157–62, 1976

Immunochemical studies on some spermatozoal antigens. Tornyov A, et al. **Dokl Bolg Akad Nauk** 29(5):719–22, 1976

Serological studies with the ficin-antificin system. Barrett JT, et al. **Enzyme** 22(4):266–9, 1977

Influence of boar acrosin antibodies produced in rabbit and sheep on chymotrypsinogen activation catalyzed by acrosin from boar, bull, ram, rabbkt and human. Borhan GS, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1235–9, Sep 76

Evidence for the dissimilarity of acrosin and pancreatic trypsin as revealed by a sensitive immunoassay. Allen GJ. **J Exp Zool** 200(1):185–90, Apr 77

The serine protease nature of the C3 and C5 convertases of the classical and alternative complement pathways. Medicus RG, et al. **Scand J Immunol** 5(9):1049–55, 1976

ISOLATION & PURIFICATION

The presence of serine protease in pea embryo chromatin. Kowalska-Loth B, et al. **Acta Biochim Pol** 23(4):369–74, 1976

Pancreatitis following the intraductal injection of partially purified enterokinase in dogs. Hammond JB, et al. **Am J Dig Dis** 22(3):182–8, Mar 77

Isolation and purification of D-alanyl-meso-2, 6-diaminopimelic acid endopeptidase of Streptomyces L-3 enzyme using soluble substrates of known chemical structure from Lactobacillus plantarum cell wall digests. Katayama T, et al. **Biken J** 19(3):75–91, Sep 76

Preparation of fully active ficin from Ficus glabrata by covalent chromatography and characterization of its active centre by using 2,2'-depyridyl disulphide as a reactivity probe. Paul J, et al. **Biochem J** 159(2):221–34, Nov 76

Bovine enterokinase. Purification, specificity, and some molecular properties. Anderson LE, et al. **Biochemistry** 16(15):3354–60, 26 Jul 77

Identification of a mucosal form of enteropeptidase in triton X-100 extracts of porcine duodenal mucosa. Barns RJ, et al. **Biochim Biophys Acta** 480(2):450–60, 9 Feb 77

The extraction of acrosin from human spermatozoa. Tobias PS, et al. **Biol Reprod** 15(2):187–94, Sep 76

Purification and characterization of tonin. Cemassieux S, et al. **Can J Biochem** 54(9):788–95, Sep 76

Purification and characterization of vicilin peptidohydrolase, the major endopeptidase in the cotyledons of mung-bean seedlings. Baumgartner B, et al. **Eur J Biochem** 77(2):223–33, 15 Jul 77

Five Sepharose-bound ligands for the chromatographic purification of Clostridium collagenase and clostripain. Emöd I, et al. **FEBS Lett** 77(1):51–6, 1 May 77

Purification of procollagenase and collagenase by affinity chromatography on Sepharose-collagen. Gillet C, et al. **FEBS Lett** 74(1):126–8, 15 Feb 77

Occurrence of multiple forms of bull and ram acrosin during proenzyme activation and inhibition of activation by p-nitrophenyl p'-guanidinobenzoate. Borhan GS, et al. **Hoppe Seylers Z Physiol Chem** 357(5):667–71 May 76

Post-proline cleaving enzyme. Purification of this endopeptidase by affinity chromatography. Koida M, et al. **J Biol Chem** 251(23):7593–9, 10 Dec 76

PZ-peptidase from chick embryos. Purification, properties,

and action on collagen peptides. Morales TI, et al. **J Biol Chem** 252(14):4855–60, 25 Jul 77

The metalloenzymic nature of collagenase-like peptidase of the rat testis. Lukač J, et al. **J Reprod Fertil** 49(1):95–9, Jan 77

Protease from Staphyloccus aureus. Drapeau GR. **Methods Enzymol** 45:469–75, 1976

Thermomycolin. Gaucher GM, et al. **Methods Enzymol** 45:415–33, 1976

Penicillopepsin. Hofmann T. **Methods Enzymol** 45:434–52, 1976

Proteinases from the venom of Agkistrodon halys blomhoffi. Iwanaga S, et al. **Methods Enzymol** 45:459–68, 1976

Crotalase. Markland FS Jr. **Methods Enzymol** 45:223–36, 1976

Ancrod, the coagulating enzyme from Malayan pit viper (Agkistrodon rhodostoma) venom. Nolan C, et al. **Methods Enzymol** 45:205–13, 1976

Proacrosin. Polakoski KL, et al. **Methods Enzymol** 45:325–9, 1976

Leucostoma peptidase A. Prescott JM, et al. **Methods Enzymol** 45:397–404, 1976

The coagulant enzyme from Bothrops atrox venom (batroxobin). Stocker K, et al. **Methods Enzymol** 45:214–23, 1976

Aeromonas neutral protease. Wilkes SH, et al. **Methods Enzymol** 45:404–15, 1976

Dipeptidyl carboxypeptidase from Escherichia coli. Yaron A. **Methods Enzymol** 45:599–610, 1976

[Characterization and separation of exocellular gamma-D-glutamyl-(L)meso-diaminopimelate endopeptidase and LD-carboxypeptidase from Bacillus sphaericus 9602] Vacheron MJ, et al. **Biochimie** 59(1):15–21, 1977 (Eng. Abstr.) **(Fre)**

[Isolation, purification and biochemical properties of keratinase elaborated from Microsporum gypseum (author's transl)] Takiuchi I, et al. **Jpn J Dermatol** 87(5):305–9, Apr 77 **(Jpn)**

[Properties and substrate specificity of proteinase from buckwheat seeds] Iordan AG, et al. **Biokhimiia** 41(4):673–8, Apr 76 (Eng. Abstr.) **(Rus)**

[Isolation of purified aspergillopepsin A] Kovaleva GG, et al. **Biokhimiia** 42(3):534–9, Mar 77 (Eng. Abstr.) **(Rus)**

[Chromatographic method of determining the activity of the collagenase-like enzyme of the adenohypophysis and several findings concerning the specificity of its action] Alekseenko LP, et al. **Vopr Med Khim** 23(2):270–5, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Properties of chymotrypsin proteinase from Aspergillus oryzae] Kolodzeĭs'ka MV, et al. **Ukr Biokhim Zh** 49(3):42–6, May–Jun 77 (Eng. Abstr.) **(Ukr)**

METABOLISM

Inactivation of somatostatin by peptidases in different areas of the rat brain. Griffiths EC, et al. **Acta Endocrinol (Kbh)** 85(1):1–10, May 77

Physiology and characterization of a fungal milk-clotting enzyme from Aspergillus flavus. Foda MS, et al. **Acta Microbiol Pol** 25(4):337–43, 1976

Occurrence of an extracellular serineproteinase among Staphylococcus aureus strains. Björklind A, et al. **Acta Pathol Microbiol Scand [B]** 85(4):277–80, Aug 77

Proteolysis of tropoelastin. Mecham R, et al. **Adv Exp Med Biol** 79:209–20, 1977

Converting enzyme activity in endothelial cells isolated from pig pulmonary artery and aorta. Ody C, et al. **Am J Physiol** 232(3):C95–8, Mar 77

Role of fibrinopeptide B release: comparison of fibrins produced by thrombin and Ancrod. Shen LL, et al. **Am J Physiol** 232(6):H629–33, Jun 77

Protamine, a substrate for thrombolytic agents and enzymes of similar specificity. Ong EB, et al. **Anal Biochem** 75(2):568–82, Oct 76

Inhibition of the apparent rate of synthesis on the vacuolar glycoprotein carboxypeptidase Y and its protein antigen by turicamycin in Saccharomyces cerevisiae. Hasilik A, et al. **Antimicrob Agents Chemother** 10(3):402–10, Sep 76

Observation of two procrosins in extracts of human spermatozoa. Tobias PS, et al. **Biochem Biophys Res Commun** 74(2):434–9, 24 Jan 77

Mechanism of action of serine proteases: tetrahedral intermediate and concerted proton transfer. Hunkapiller MW, et al. **Biochemistry** 15(25):5581–8, 14 Dec 76

Postproline cleaving enzyme: identification as serine protease using active site specific inhibitors. Yoshimoto T, et al. **Biochemistry** 16(13):2942–8, 28 Jun 77

On the catalytic and binding sites of porcine enteropeptidase. Baratti J, et al. **Biochim Biophys Acta** 452(2):488–96, 8 Dec 76

The effect of calcium ions on the hydrolysis of benzoylarginine ethyl ester by porcine enteropeptidase. Barns RJ, et al. **Biochim Biophys Acta** 452(1):161–4, 8 Nov 76

Kinetic studies of the urokinase catalysed conversion of NH2-terminal lysine plasminogen to plasmin. Christensen U, et al. **Biochim Biophys Acta** 480(1):275–81, 11 Jan 77

Kinetic studies of the urokinase-catalysed conversion of NH2-terminal glutamic acid plasminogen to plasmin. Christensen U. **Biochim Biophys Acta** 481(2):638–47, 12 Apr 77

Effects of glucose and nitrogen source on the levels of proteinases, peptidases, and proteinase inhibitors in yeast. Hansen RJ, et al. **Biochim Biophys Acta** 496(1):103–14, 24 Jan 77

Subcellular localization of enterokinase (enteropeptidase EC 3.4.21.9) in rat small intestine. Lebenthal E, et al. **Biochim Biophys Acta** 497(2):558–66, 27 Apr 77

The effect of lanthanide ions on enteropeptidase-catalyzed activation of trypsinogen. Rinderknecht H, et al. **Biochim Biophys Acta** 452(2):497–502, 8 Dec 76

Benzamidine as an inhibitor of proacrosin activation in bull sperm. Zahler WL, et al. **Biochim Biophys Acta** 480(2):461–8, 9 Feb 77

Purification and characterization of tonin. Cemassieux S, et al. **Can J Biochem** 54(9):788–95, Sep 76

Amino acid sequence of penicillopepsin. I. Isolation and characterization of the chymotryptic peptides. Kurosky A, et al. **Can J Biochem** 54(10):872–84, Oct 76

Amino acid sequence of penicillopepsin. II. Isolation and characterization of thermolytic peptides. Rao L, et al. **Can J Biochem** 54(10):885–94, Oct 76

Acyl and amino intermediates in penicillopepsin-catalysed reactions and activation by nonsubstrate peptides. Wang TT, et al. **Can J Biochem** 55(4):186–94, Apr 77

Acyl and amino intermediates in penicillopepsin-catalysed reactions and activation by nonsubstrate peptides. Wang TT, et al. **Can J Biochem** 55(4):286–94, April 77

Tonin activity in rat saliva: effect of sympathomimetic and parasympathomimetic drugs. Garcia R, et al. **Can J Physiol Pharmacol** 54(4):443–5, Aug 76

A new histochemical approach to olfactory esthesioneuroma. A nasal tumor of neural crest origin. Micheau C. **Cancer** 40(1):314–8, Jul 77

Determination of enteropeptidase activity in human duodenal aspirates. Barns RJ, et al. **Clin Chim Acta** 79(1):55–61, 15 Aug 77

Regional assignment of seven genes on chromosome 1 of man by use of man-Chinese hamster somatic cell hybrids. II. Results obtained after induction of breaks in chromosome 1 by X-irradiation. Burgerhout WG, et al. **Cytogenet Cell Genet** 18(5):267–83, 1977

Regional assignment of seven genes on chromosome 1 of man by use of man-Chinese hamster somatic cell hybrids. I. Results obtained after hybridization of human cells carrying reciprocal translocations involving chromosome 1. Jongsma AP, et al. **Cytogenet Cell Genet** 18(5):255–66, 1977

Role of keratinases in dermatophytosis. IV. Reactivities of sera from guinea pigs with heat-inactivated keratinase II. Grappel SF. **Dermatologica** 153(3):157–62, 1976

Specificity profiles of the membrane-bound gamma-D-glutamyl-(L)meso-diaminopimelateendopeptida and LD-carboxypeptidase from Bacillus sphaericus 9602. Arminjon F, et al. **Eur J Biochem** 73(2):557–65, Mar 1 77

Purification and characterization of vicilin peptidohydrolase, the major endopeptidase in the cotyledons of mung-bean seedlings. Baumgartner B, et al. **Eur J Biochem** 77(2):223–33, 15 Jul 77

Ex vivo vascular perfusion of the isolated rat small bowel. Importance of the intestinal brush border enzyme-release in basal conditions. Eloy R, et al. **Eur Surg Res** 9(2):96–112, 1977

Size and structure of mitochondrial DNA from Physarum polycephalum. Bohnert HJ. **Exp Cell Res** 106(2):426–30, May 77

Some characteristics of urokinase released in organ culture of human kidney. Astedt B, et al. **Experientia** 33(5):589–91, 15 May 77

A new substrate for enteropeptidase. Hesford F, et al. **FEBS Lett** 71(2):279–82, 1 Dec 76

Demonstration of proacrosin and quantitation of acrosin in ejaculated human spermatozoa. Polakoski KL, et al. **Fertil Steril** 28(6):668–73, Jun 77

Intracellular proteolytic activity during sporulation of Bacillus megaterium. Chaloupka J, et al. **Folia Microbiol (Praha)** 22(1):1–11, 1977

Lysosomal enzymes in mammalian spermatozoa. Morton DB. **Front Biol** 45:203–55, 1976 (595 ref.)

Differences in the reactivities of human urokinase and the

porcine tissue plasminogen activator. Thorsen S, et al. **Haemostasis** 5(5):295–305, 1976

Distribution of beta-N-acetylglucosaminidase, hyaluronoglucosaminidase and acrosin in buffalo and goat spermatozoa. Anand SR, et al. **Hoppe Seylers Z Physiol Chem** 358(6):685–8, Jun 77

Peptidase inactivation of hypothalamic releasing hormones. Griffiths EC. **Horm Res** 7(3):179–91, 1976 (69 ref.)

Intracellular cysteine proteases from bovine liver. p. 397. Husain SS. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Preparation of arthritogenic hydrosoluble peptidoglycans from both arthritogenic and non-arthritogenic bacterial cell walls. Kohashi O, et al. **Infect Immun** 16(3):861–6, Jun 77

Plasminogen activator and proactivator (urokinase precursor) in lung cultures. Bernik MB, et al. **J Am Med Wom Assoc** 31(12):465–72, Dec 76

Characterization of autolysins from Mycobacterium smegmatis. Kilburn JO, et al. **J Bacteriol** 129(2):750–5, Feb 77

Peptide transport in yeast: utilization of leucine- and lysine-containing peptides by Saccharomyces cerevisiae. Marder R, et al. **J Bacteriol** 131(3):906–16, Sep 77

Isolation and characterization of nerve growth factor from the venom of Naja naja atra. Furukawa S, et al. **J Biochem (Tokyo)** 80(5):1001–9, Nov 76

A sensitive substrate for the clotting enzyme in horseshoe crab hemocytes. Nakamura S, et al. **J Biochem (Tokyo)** 81(5):1567–9, May 77

Post-proline cleaving enzyme. Purification of this endopeptidase by affinity chromatography. Koida M, et al. **J Biol Chem** 251(23):7593–9, 10 Dec 76

PZ-peptidase from chick embryos. Purification, properties, and action on collagen peptides. Morales TI, et al. **J Biol Chem** 252(14):4855–60, 25 Jul 77

Boar proacrosin. Purification and preliminary activation studies of proacrosin isolated from ejaculated boar sperm. Polakoski KL, et al. **J Biol Chem** 252(6):1888–94, 25 Mar 77

Studies on Limulus amoebocyte lysate II. Purification of the coagulogen and the mechanism of clotting. Tai JY, et al. **J Biol Chem** 252(14):4773–6, 25 Jul 77

Immunofluorescent localization of acrosin in mammalian spermatozoa (1). Garner DL, et al. **J Exp Zool** 200(1):157–62, Apr 77

Autolysis in strains of viridans streptococci. Sund ML, et al. **J Gen Microbiol** 96(1):87–94, Sep 76

Alterations in enterkinase, trypsin, and alkaline phosphatase in response to variation in dietary protein content in the rat. McCarthy DM, et al. **J Lab Clin Med** 89(1):72–9, Jan 77

Studies on increased acid hydrolase activities in denervated muscle. Maskrey P, et al. **J Neurochem** 28(2):403–9, Feb 77

Dipeptidyl aminopeptidase II in rat peritoneal wash cells. Cytochemical localization and biochemical characterization. Sannes PL, et al. **Lab Invest** 37(3):243–53, Sep 77

Protease from Staphyloccus aureus. Drapeau GR. **Methods Enzymol** 45:469–75, 1976

Penicillopepsin. Hofmann T. **Methods Enzymol** 45:434–52, 1976

Proteinases from the venom of Agkistrodon halys blomhoffi. Iwanaga S, et al. **Methods Enzymol** 45:459–68, 1976

Crotalase. Markland FS Jr. **Methods Enzymol** 45:223–36, 1976

Leucostoma peptidase A. Prescott JM, et al. **Methods Enzymol** 45:397–404, 1976

Aeromonas neutral protease. Wilkes SH, et al. **Methods Enzymol** 45:404–15, 1976

Dipeptidyl carboxypeptidase from Escherichia coli. Yaron A. **Methods Enzymol** 45:599–610, 1976

The extracellular metalloprotease of Serratia marcescens. 2. Comparison with trypsin and substrate specificity. Aiyappa PS, et al. **Mol Cell Biochem** 13(3):131–6, 10 Dec 76

Mechanism of acid protease catalysis based on the crystal structure of penicillopepsin. James MN, et al. **Nature** 267(5614):808–13, 30 Jun 77

Mucosal enterokinase activity in pancreatic insufficiency and celiac disease. Morin CL, et al. **Pediatrics** 60(1):114–6, Jul 77

In vitro synthesis and processing of a putative precursor for the small subunit of ribulose-1,5-bisphosphate carboxylase of Chlamydomonas reinhardtii. Dobberstein B, et al. **Proc Natl Acad Sci USA** 74(3):1082–5, Mar 77

Protein cleavage during virus assembly: a novel specificity of assembly dependent cleavage in bacteriophage T4. Isobe T, et al. **Proc Natl Acad Sci USA** 73(11):4205–9, Nov 76

Development of the digestive tract of the rabbit from birth to weaning. Alus G, et al. **Proc Nutr Soc** 36(1):3A, May 77

[Characterization and separation of exocellular gamma-D-glutamyl-(L)meso-diaminopimelate endopeptidase and LD-carboxypeptidase from Bacillus sphaericus 9602] Vacheron MJ, et al. **Biochimie** 59(1):15–21, 1977 (Eng. Abstr.) **(Fre)**

[The effect of microorganisms on protein catabolism in putrefaction studies] Bonte W, et al. **Beitr Gerichtl Med** 34:173–8, 1976 (Eng. Abstr.) **(Ger)**

[The significance of acrosin and proteinase-inhibitors in human reproduction] Schill WB. **Fortschr Med** 95(12):790–2, 24 Mar 77 (Eng. Abstr.) **(Ger)**

[Mechanism and regulation of proteolytic processes in yeast (author's transl)] Holzer H, et al. **J Jpn Biochem Soc** 48(10):962–70, 25 Oct 76 (57 ref.) **(Jpn)**

[Tumor affinity of 99mTc-labeled radiopharmaceuticals, 99mTc-Sn-urokinase and 99mTc-Sn-mannitol] Ito K, et al. **Radioisotopes (Tokyo)** 26(1):6–12, Jan 77 (Eng. Abstr.) **(Jpn)**

[Degradation of intracellular proteins at different stages of growth of Saccharomyces cerevisiae] Bakalkin GIa, et al. **Biokhimiia** 41(6):1121–6, Jul 76 (Eng. Abstr.) **(Rus)**

[Properties and substrate specificity of proteinase from buckwheat seeds] Iordan AG, et al. **Biokhimiia** 41(4):673–8, Apr 76 (Eng. Abstr.) **(Rus)**

[Plasma kallikrein: new functions] Paskhina TS. **Biokhimiia** 41(8):1347–51, Aug 76 (Eng. Abstr.) **(Rus)**

[Biospecific chromatography of Bacillus subtilis metalloendoproteinase and detection of multiple forms of the enzyme] Vaganova TI, et al. **Biokhimiia** 41(12):2229–36, Dec 76 (Eng. Abstr.) **(Rus)**

[Diagnostic values of alkaline phosphatase, histidase and urokinase in the bile in children with hepatobiliary diseases] Zernov NG, et al. **Pediatriia** (3):56–9, Mar 77 (Eng. Abstr.) **(Rus)**

[Histidase and urokinase activity in the liver tissue and umbilical blood serum of premature newborn infants] Tabolin VA, et al. **Vopr Okhr Materin Det** 22(4):61–4, Apr 77 (Eng. Abstr.) **(Rus)**

[Effect of vitamin E on the activity of various liver enzymes and the role of lipid peroxides in the pathogenesis of viral hepatitis] Abagian IA, et al. **Zh Eksp Klin Med** 16(1):73–7, 1976 **(Rus)**

[Combined effect of vitamin E and peroxidates of unesterified fatty acids on urokinase and histidase activity] Mkhitarian VG, et al. **Zh Eksp Klin Med** 16(4):3–7, 1976 **(Rus)**

[Contribution to the kinetic study of urokinase and its possible application to the establishement of dosage regimens] Villaverde CA, et al. **Arch Farmacol Toxicol** 3(1):75–7, Apr 77 **(Spa)**

[Properties of chymotrypsin proteinase from Aspergillus oryzae] Kolodzeis'ka MV, et al. **Ukr Biokhim Zh** 49(3):42–6, May-Jun 77 (Eng. Abstr.) **(Ukr)**

PHARMACODYNAMICS

Improvement in experimental vascular graft patency by controlled defibrinogenation. Postlethwaite JC, et al. **Br J Surg** 64(1):28–30, Jan 77

Effects of yeast proteinase A, proteinase B and carboxypeptidase Y on yeast phosphofructokinase. Afting EG, et al. **Hoppe Seylers Z Physiol Chem** 357(12):1771–7, Dec 76

Activation of chymotrypsinogen by boar acrosin and its prevention by antiboar acrosin rabbit gamma-globulins. Borhan GS, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1229–33, Sep 76

The Journal of Bone and Joint Surgery [editorial]. Connolly RC. **J Bone Joint Surg [Br]** 59(1):1, Feb 77

Chemonucleolysis. McCulloch JA. **J Bone Joint Surg [Br]** 59(1):45–52, Feb 77

Vasodilation due to urokinase in the canine femoral circulation. Gurll NJ, et al. **J Pharmacol Exp Ther** 201(3):731–7, Jun 77

Prevention of fertilization by exposure of hamster eggs to soluble acrosin. Gwatkin RB, et al. **J Reprod Fertil** 50(2):359–61, Jul 77

Enzymatic digestion of the nucleus pulposus: a review of experimental studies with chymopapain. Garvin PJ, et al. **Orthop Clin North Am** 8(1):27–35, Jan 77

Comparison of the actions of thrombin and the thrombin-like venom enzymes ancrod and batroxobin. Aronson DL. **Thromb Haemostas** 36(1):9–13, 31 Aug 76

Platelet aggregation following defibrination with ancrod. Slade CL, et al. **Thromb Haemostas** 36(2):424–9, 30 Nov 76

Threshold phenomena in blood fibrinolysis. Matsuo O, et al. **Thromb Res** 10(5):753–8, May 77

PHYSIOLOGY

[Significance of the sperm enzyme acrosin in reproduction] Leidl W, et al. **Dtsch Tieraerztl Wochenschr** 83(12):528–37, 5 Dec 76 (Eng. Abstr.) **(Ger)**

[Role of cell proteinases in the biogenesis of mitochondria] Luzikov VN, et al. **Dokl Akad Nauk SSSR** 229(3):745–8, 1976 **(Rus)**

RADIATION EFFECTS

Chymopapain II. Photooxidation of histidine residues. Kanazawa H, et al. **Chem Pharm Bull (Tokyo)** 24(12):3088–92, Dec 76

THERAPEUTIC USE

Comparative study of the results obtained with discectomy and chemonucleolysis. Hoogmartens M, et al. **Acta Orthop Belg** 42(2):134–8, Mar–Apr 76

Treatment of total hyphemas with urokinase. Leet DM. **Am J Ophthalmol** 84(1):79–84, Jul 77

The clinical use of fibrinolytic agents. Porter JM, et al. **Am J Surg** 134(2):217–21, Aug 77

Chemonucleolysis: evaluation of effectiveness by electromyography. McNeill T, et al. **Arch Phys Med Rehabil** 58(7):303–6, Jul 77

SDS polyacrylamide gel characterization of serum FDP produced in response to ancrod and streptokinase/plasminogen infusion in man. Lane DA, et al. **Br J Haematol** 36(1):137–48, May 77

A report on the use of Arvin in patients with pre-gangrene of the lower limb. Humphreys WV, et al. **Br J Surg** 64(1):31–3, Jan 77

Multiple courses of ancrod (Arvin) therapy [letter]. Kounis NG, et al. **Br Med J** 1(6056):290–1, 29 Jan 77

Chymopapain--past and present, future? Ford LT. **Clin Orthop** (122):367–73, Jan–Feb 77 (39 ref.)

Arwin in peripheral arterial circulatory disorders: controlled multicentre trials. Wolf GK. **Eur J Clin Pharmacol** 09(5–6):387–92, 22 Mar 76

Treatment of thrombosis by sequential therapy with ancrod followed by streptokinase. Clinical pharmacology and rheology. Forbes CD, et al. **Haemostasis** 5(6):348–54, 1976

Chemonucleolysis [letter]. Massaro TA, et al. **J Neurosurg** 46(5):696–7, May 77

Double-blind evaluation of intradiscal chymopapain for herniated lumbar discs. Early results. Schwetschenau PR, et al. **J Neurosurg** 45(6):622–7, Dec 76

Defibrination with ancrod in nephrotoxic nephritis in rabbits. Thomson NM, et al. **Kidney Int** 10(5):343–7, Nov 76

Treatment of severe intermittent claudication by controlled defibrination. Dormandy JA, et al. **Lancet** 1(8012):625–6, 19 Mar 77

Thrombolytic therapy: a comparison between urokinase and streptokinase. From a national cooperative study. Bell WR. **Semin Thromb Hemostas** 2(1):1–13, Jul 75

Controlled trial of the sequential use of streptokinase and ancrod in the treatment of deep vein thrombosis of lower limb. Tibbutt DA, et al. **Thromb Haemostas** 37(2):222–32, 30 Apr 77

[Treatment of low back pain and sciatica by intradiskal injection of chymopapain] Bouillet R. **Acta Orthop Belg** 42(2):146–56, Mar–Apr 76 (Eng. Abstr.) **(Fre)**

[Treatment of low back pain and sciatica by intradiskal injection of chymopapain. Comparative analysis of the results of diskectomy and chemonucleolysis] Bouillet R. **Acta Orthop Belg** 42(2):101–33, Mar–Apr 76 (Eng. Abstr.) **(Fre)**

[Intermediate term results of chymonucleolysis] Linard de Guertechin D, et al. **Acta Orthop Belg** 42(2):139–45, Mar–Apr 76 **(Fre)**

[Urokinase treatment of threatened and acute myocardial infarct] Babeau P, et al. **Ann Med Interne (Paris)** 128(2):219–25, Feb 77 **(Fre)**

[Thrombolytics in venous thromboses of the retina] François P, et al. **Bull Soc Ophtalmol Fr** 76(3):271–4, Mar 76 **(Fre)**

[Urokinase. Biochemical therapeutical and therapeutical data (author's transl)] Kher A. **Pathol Biol (Paris)** 24 Suppl:54–69, Dec 76 (115 ref.) (Eng. Abstr.) **(Fre)**

[Urokinase, an expensive false development of thrombolytic therapy (letter)] Kaulla KN von. **Dtsch Med Wochenschr** 101(42):1543–5, 15 Oct 76 **(Ger)**

[Urokinase in deep venous thrombosis (letter)] Theis W, et al. **Dtsch Med Wochenschr** 102(6):212, 11 Feb 77 **(Ger)**

[Indications and results of urokinase in vascular occlusions] Trübestein G. **Dtsch Med Wochenschr** 101(52):1919–20, 24 Dec 76 **(Ger)**

[Urokinase as thrombolytic agent (letter)] Trübestein GK. **Dtsch Med Wochenschr** 102(1):28, 7 Jan 77 **(Ger)**

[Fibrinolytic therapy in deep venous thrombosis of the upper and lower extremity] Kriessmann A, et al. **Fortschr Med** 95(13):858–66, 7 Apr 77 **(Ger)**

[Experience with urokinase in chronic arterial occlusive disease and long-standing phlebothrombosis] Trübestein G, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1948–50, 1976 **(Ger)**

[Experimental study of preventive effects of drugs to lung radiation damage] Tomita N. **Acta Med (Fukuoka)** 47(1):1–11, Jan 77 (Eng. Abstr.) **(Jpn)**

[Fibrinolytic therapy for postoperative hemomediastinum and hemothorax] Nakagaki M, et al. **Jpn J Thorac Surg** 29(8):601–5, 1 Aug 76 (Eng. Abstr.) **(Jpn)**

[Treatment of chronic prostatitis with proteolytic enzymes and heparin] Ivdra PP. **Urol Nefrol (Mosk)** (1):44–6, Jan–Feb 76 (Eng. Abstr.) **(Rus)**

[Functional state of the kidneys in experimental immune nephritis during the use of heparin, urokinase and uroplasmin] Monastyrskiĭ VA, et al. **Urol Nefrol (Mosk)** (4):23–5, Jul–Aug 77 (Eng. Abstr.) **(Rus)**

[Treatment of chemical burns of the esophagus] Bikbaeva AI, et al. **Vestn Otorinolaringol** (5):86–91, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

URINE

Purification and characterization of two forms of urokinase. Soberano ME, et al. **Biochim Biophys Acta** 445(3):763–73, 11 Oct 76

Effect of furosemide on plasma fibrinolytic activity and urokinase excretion. Chohan IS, et al. **Exp Hematol** 5(2):153–7, Mar 77

[Urina urokinase and blood fibrinolytic activity in w experimental zinc poisoning] Guja A. **Patol Pol** 28(2):201–8, Apr–Jun 77 (Eng. Abstr.) **(Pol)**

[Clinical significance of urokinase and anticoagulant activity of the urine in patients suffering from hemorrhagic fever with renal syndrome] Abdurashitov RF. **Urol Nefrol (Mosk)** (3):10–2, May–Jun 77 (Eng. Abstr.) **(Rus)**

PHENINDIONE

Bleeding from self-administration of phenindione: a detailed case study. Gover PA, et al. **Br J Haematol** 33(4):551–64, Aug 76

ADMINISTRATION & DOSAGE

Prothrombin response to phenindione during hypoalbuminaemia [letter]. Varma DR, et al. **Br J Clin Pharmacol** 2(5):467–8, Oct 75

Late recovery of renal function in a woman with the hemolytic uremic syndrome. Ponticelli C, et al. **Clin Nephrol** 8(2):367–70, Aug 77

Anticoagulant effect and plasma kinetics of fluorophenindione after a single dose in man. Tillement JP, et al. **Eur J Clin Pharmacol** 8(3–4):271–5, 4 Apr 75

[Long-term anticoagulant therapy in subjects over 75 years of age. 100 cases] Joly F, et al. **Arch Mal Coeur** 70(5):521–9, May 77 (Eng. Abstr.) **(Fre)**

[A comparative investigation of acetylsalicyclic acid and indirect anticoagulants for the prophylaxis of venous thromboses in patients with an orthopedic-traumatologic case history (author's transl)] Lavrinovitsch TS, et al. **Z Orthop** 114(5):769–72, Oct 76 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Multiple congenital anomalies associated with oral anticoagulants. Shaul WL, et al. **Am J Obstet Gynecol** 127(2):191–8, 15 Jan 77

Drug induced interstitial nephritis, hepatitis and exfoliative dermatitis. McMenamin RA, et al. **Aust NZ J Med** 6(6):583–7, Dec 76

Acute interstitial nephritis. A hypersensitivity reaction to drugs. pp. 524–9. Méry JP, et al. **In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a.**

[Subdural hematoma and anticoagulant therapy] Bret P, et al. **Neurochirurgie** 22(6):603–20, 1976 (Eng. Abstr.) **(Fre)**

[Oral aphthoid toxic dermatoses] Kuffer R, et al. **Rev Stomatol Chir Maxillofac** 77(5):747–55, Jul–Aug 76 (Eng. Abstr.) **(Fre)**

ANALOGS & DERIVATIVES

Anticoagulant effect and plasma kinetics of fluorophenindione after a single dose in man. Tillement JP, et al. **Eur J Clin Pharmacol** 8(3–4):271–5, 4 Apr 75

Binding of four sulphonamides to human albumin. Zini R, et al. **Eur J Clin Pharmacol** 10(2):139–45, 15 Jun 76

BLOOD

Bleeding from self-administration of phenindione: a detailed case study. Gover PA, et al. **Br J Haematol** 33(4):551–64, Aug 76

Anticoagulant effect and plasma kinetics of fluorophenindione after a single dose in man. Tillement JP, et al. **Eur J Clin Pharmacol** 8(3–4):271–5, 4 Apr 75

Binding of four sulphonamides to human albumin. Zini R, et al. **Eur J Clin Pharmacol** 10(2):139–45, 15 Jun 76

[Determination of 3-(1'-phenylpropyl)-4-hydroxycoumarin by means of high-performance liquid chromatography (HPLC) (author's transl)] Kinawi A. **Arzneim Forsch** 27(2):360–3, Feb 77 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Reduction of 2,6-dichlorophenol indophenol by bovine methemoglobin reductase in the presence of a number of non-steroidal anti-inflammatory compounds. Verboom CN, et al. **Biochem Pharmacol** 26(7):685–9, 1 Apr 77

Prothrombin response to phenindione during hypoalbuminaemia [letter]. Varma DR, et al. **Br J Clin Pharmacol** 2(5):467–8, Oct 75

Mechanism of action of anticoagulants: correlation between the inhibition of prothrombin synthesis and the regeneration of vitamin K1 from vitamin K1 epoxide. Ren P, et al. **J Pharmacol Exp Ther** 201(3):541–6, Jun 77

THERAPEUTIC USE

Prophylactic anticoagulation [letter]. Domenet JG, et al. **Lancet** 2(8000):1408–9, 25 Dec 76

The prevention of deep vein thrombosis and pulmonary embolism by pharmacological methods. Browse NL. **Triangle** 16(1):29–32, 1977

[Long-term anticoagulant therapy in subjects over 75 years of age. 100 cases] Joly F, et al. **Arch Mal Coeur** 70(5):521–9, May 77 (Eng. Abstr.) **(Fre)**

[Thromboembolic complications after aortic valve prosthesis] Sharykin AS. **Kardiologiia** 17(1):23–8, Jan 77 (Eng. Abstr.) **(Rus)**

[Clinical trial of indirect-action anticoagulants in orthopedics and traumatology] Lavrinovich TS, et al. **Ortop Travmatol Protez** (3):32–5, Mar 76 (Eng. Abstr.) **(Rus)**

[Therapeutic effectiveness of anticoagulants in the acute phase of cerebral infarction] Levin GZ, et al. **Zh Nevropatol Psikhiatr** 77(1):24–31, 1977 (Eng. Abstr.) **(Rus)**

PHYTONADIONE

ADMINISTRATION & DOSAGE

Effect of warfarin on the metabolism of phylloquinone (vitamin K1):dose-response relationships in man. Shearer MJ, et al. **Clin Sci Mol Med** 52(6):621–30, Jun 77

Metabolism of vitamin K1 (phylloquinone) in man. Barkhan P, et al. **Proc R Soc Med** 70(02):93–6, Feb 77

The influence of the thyroid function on the metabolic rate of prothrombin, factor VII, and factor X in the rat. van Oosterom AT, et al. **Thromb Haemostas** 35(3):607–19, 30 Jun 76

ADVERSE EFFECTS

Adverse skin reaction from vitamin K1. Barnes HM, et al. **Br J Dermatol** 95(6):653–6, Dec 76

ANALOGS & DERIVATIVES

One-step preparation of vitamin K1 or K2 analogues by cyclodextrin inclusion catalysis [letter] Tabushi I, et al. **J Am Chem Soc** 99(19):6456–7, 14 Sep 77

CHEMICAL SYNTHESIS

One-step preparation of vitamin K1 or K2 analogues by cyclodextrin inclusion catalysis [letter] Tabushi I, et al. **J Am Chem Soc** 99(19):6456–7, 14 Sep 77

METABOLISM

Effect of warfarin on the metabolism of phylloquinone (vitamin K1):dose-response relationships in man. Shearer MJ, et al. **Clin Sci Mol Med** 52(6):621–30, Jun 77

The molecular basis of brush-border membrane disease. pp. 229–41. Crane RK, et al. **In: Bolis L, et al., ed. Membranes and disease. New York, Raven Press, 1976. W3 IN169J 1975m.** (53 ref.)

Interaction between vitamin K1 and fat absorption. **Nutr Rev** 34(10):314–5, Oct 76 (2 ref.)

Metabolism of vitamin K1 (phylloquinone) in man. Barkhan P, et al. **Proc R Soc Med** 70(02):93–6, Feb 77

PHARMACODYNAMICS

Production and some properties of catalase and superoxide dismutase from the anaerobe Bacteroides distasonis. Gregory EM, et al. **J Bacteriol** 129(3):1298–302, Mar 77

THERAPEUTIC USE

Adverse skin reaction from vitamin K1. Barnes HM, et al. **Br J Dermatol** 95(6):653–6, Dec 76

Factor VII as a marker of hepatocellular synthetic function in liver disease. Green G, et al. **J Clin Pathol** 29(11):971–5, Nov 76

[The therapeutic management of consumption coagulopathy in progressive liver cirrhosis: low-dosage heparin therapy (author's transl)] Fischer M, et al. **Wien Klin Wochenschr** 88(15):488–94, 13 Aug 76 (Eng. Abstr.) **(Ger)**

PLASMINOGEN

Kinetic studies of the urokinase catalysed conversion of NH2-terminal lysine plasminogen to plasmin. Christensen U, et al. **Biochim Biophys Acta** 480(1):275–81, 11 Jan 77

Kinetic studies of the urokinase-catalysed conversion of NH2-terminal glutamic acid plasminogen to plasmin. Christensen U. **Biochim Biophys Acta** 481(2):638–47, 12 Apr 77

Evidence for high-molecular weight active peptides originating from porcine plasmin autolysis. Grimard M. **Biochimie** 58(11–12):1409–12, 1976

Identification and some properties of a new fast-reacting plasmin inhibitor in human plasma. Collen D. **Eur J Biochem** 69(1):209–16, 1 Oct 76

Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. Magnusson S, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (87 ref.)

Hageman factor substrates. Human plasma prekallikrein: mechanism of activation by Hageman factor and participation in hageman factor-dependent fibrinolysis. Mandle R Jr, et al. **J Biol Chem** 252(17):6097–104, 10 Sep 77

Isolation and characterization of alpha2-plasmin inhibitor from human plasma. A novel proteinase inhibitor which inhibits activator-induced clot lysis. Moroi M, et al. **J Biol Chem** 251(19):5956–65, 10 Oct 76

Comparison of the esterase and human plasminogen activator activities of various activated forms of human plasminogen and their equimolar streptokinase complexes. Wohl RC, et al. **J Biol Chem** 252(4):1141–7, 25 Feb 77

Fibrin formation and dissolution in women receiving oral contraceptive drugs. Ball AP, et al. **J Lab Clin Med** 89(4):751–62, Apr 77

Streptokinase. Castellino FJ, et al. **Methods Enzymol** 45:244–57, 1976

Rabbit plasminogen and plasmin isozymes. Castellino FJ, et al. **Methods Enzymol** 45:273–86, 1976

Plasminogen and plasmin. Robbins KC, et al. **Methods Enzymol** 45:257–73, 1976

A method for the measurement of fibrinolytic activity based on one dimensional diffusion using small glass tubes. II. With special reference to the differences between the use of plasminogen-rich fibrinogen and that of plasminogen-free fibrinogen as the substrates. Yasukouchi T, et al. **Thromb Haemostas** 37(3):456–63, 30 Jun 77

Inhibition of plasminogen binding to fibrin by alpha2-plasmin

inhibitor. Moroi M, et al. **Thromb Res** 10(6):851–6, Jun 77

The specific interaction between plasminogen and fibrin. A physiological role of the lysine binding site in plasminogen. Wiman B, et al. **Thromb Res** 10(2):213–22, Feb 77

[Mechanism and frequency of hemorrhagic complications in patients with plasma cell myeloma (author's transl)] Lisiewicz J. **Przegl Lek** 34(5):495–8, 1977 (24 ref.) **(Pol)**

[Eosinophils in the allergic reaction] Ablin RJ. **Allergol Immunopathol (Madr)** 4(4):279–84, Jul–Aug 76 **(Spa)**

ADMINISTRATION & DOSAGE

Thrombolysis of palmar and digital arterial thrombosis by intra-arterial Thrombolysin. Kartchner MM, et al. **J Hand Surg** 1(1):67–74, Jul 76

Prevention of hyaline membrane disease with plasminogen. A cooperative study. Ambrus CM, et al. **JAMA** 237(17):1837–41, 25 April 77

Intermittent plasminogen-streptokinase treatment of deep vein thrombosis. Scully MF, et al. **Thromb Haemostas** 37(1):162–9, 28 Feb 77

[Use of protamine sulfate, epsilon-aminocaproic acid and serotonin in experimental hypofibrinogenemia and fibrinolysis caused by stimulation of the anticoagulant system] Kalishevskaia TM, et al. **Biol Nauki** (10):69–75, 1976 **(Rus)**

ANALYSIS

The influence of smoking on the haemostatic mechanism in pregnancy. Condie RG, et al. **Acta Obstet Gynecol Scand** 56(1):5–8, 1977

Factor XIII (fibrin stabilising factor) in Henoch-Schönlein's purpura. Henriksson P, et al. **Acta Paediatr Scand** 66(3):273–7, May 77

Fibrinogen-like proteins and fibrinolytic proteins in a saline eluate from sucrose washed bovine erythrocytes. Goodger BV. **Aust J Exp Biol Med Sci** 54(4):381–90, Aug 76

A sensitive fluorimetric assay of plasmin and plasminogen. Seelich T, et al. **Biochem Med** 17(2):202–14, Apr 77

Effect of myocardial infarction on components of fibrinolytic system. Gidron E, et al. **Br Heart J** 39(1):19–24, Jan 77

Sequential studies on components of the haemostatic mechanism in pregnancy with particular reference to the development of pre-eclampsia. Condie RG, et al. **Br J Obstet Gynaecol** 83(12):938–42, Dec 76

Treatment of thrombosis by sequential therapy with ancrod followed by streptokinase. Clinical pharmacology and rheology. Forbes CD, et al. **Haemostasis** 5(6):348–54, 1976

Rabbit plasminogen and plasmin isozymes. Castellino FJ, et al. **Methods Enzymol** 45:273–86, 1976

Plasminogen and plasmin. Robbins KC, et al. **Methods Enzymol** 45:257–73, 1976

Serum plasminogen and lung surfactant in the respiratory distress syndrome. Singer AD, et al. **Pediatr Res** 11(2):119–23, Feb 77

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

Laboratory modalities for assessing hemostasis during cardiopulmonary bypass. Fekete LF, et al. **Semin Thromb Hemostas** 3(2):83–9, Oct 76

Inhibition of fibrinolysis in the burned-infected rat: antiplasmin induced by burn wound infection. Andes WA, et al. **Thromb Haemostas** 36(1):173–81, 31 Aug 76

Studies on activator formation in human plasma with streptokinase. III. Investigation of activator kinetics in undiluted plasma in terms of urokinase equivalents. Martin M. **Thromb Haemostas** 36(3):566–81, 31 Dec 76

On the reliability of plasminogen measurement employing the proactivator-activator converting method. Martin M. **Thromb Haemostas** 36(3):551–65, 31 Dec 76

Comparative studies of coagulative and fibrinolytic faculties between the Japanese monkey and the human. Suzuki K, et al. **Thromb Haemostas** 37(2):233–42, 30 Apr 77

Preparation of human immunoglobulin by ammonium sulfate precipitation. Habeeb AF, et al. **Vox Sang** 31(6):423–34, 1976

[Fibrinolytic system disorders in the postoperative period] Hureau J, et al. **Nouv Presse Med** 5(43):2939–40, 18 Dec 76 **(Fre)**

[Plasminogen determination, using a chromogenic tripeptidic substrate (author's transl)] Soria J, et al. **Pathol Biol (Paris)** 24(10):725–9, Dec 76 (Eng. Abstr.) **(Fre)**

[Coagulation-physiological manifestations and clinical side-effects of streptokinase therapy] Vinazzer H. **Folia Haematol (Leipz)** 103(3):468–71, 1976 **(Ger)**

[Blood coagulation activity and fibrinolysis in umbilical vein blood of healthy and asphyxiated newborn infants] Schander K, et al. **Fortschr Med** 95(22):1477–81, 9 Jun 77 (Eng. Abstr.) **(Ger)**

[Plasminogen content of human fibrinogen preparations from different sources (author's transl)] Auel H, et al. **J Clin Chem Clin Biochem** 15(7):397–9, Jul 77 (Eng. Abstr.) **(Ger)**

[Disorders of blood coagulatiion during haemoperfusion (author's transl)] Niessner H, et al. **Wien Klin Wochenschr** 89(10):347–50, 13 May 77 (Eng. Abstr.) **(Ger)**

[Index of fibrinolysis with new fibrin plate (author's transl)] Hishikawa Y, et al. **J Physiol Soc Jpn** 39(1):1–11, 1977 (Eng. Abstr.) **(Jpn)**

[The estimation method for plasminogen content using fibrin plate with urokinase (author's transl)] Horie N, et al. **Jpn J Clin Pathol** 24(10):842–6, 1976 **(Jpn)**

[Studies of proteolytic enzymes in blood (II). Ultra-micromethod for measuring plasmin and plasminogen activity in plasma obtained from venous or cutaneous capillary blood (author's transl)] Morikawa M, et al. **Jpn J Clin Pathol** 24(11):917–20, 1976 **(Jpn)**

[Purification of plasminogen-free fibrinoge 'practical method in clinical laboratory' (author's transl)] Yamada T, et al. **Jpn J Clin Pathol** 24(9):745–50, Sep 76 **(Jpn)**

[High-altitude pulmonary hypertension and fibrinolysis] Bobokhodzhaev MKh, et al. **Kardiologiia** 16(9):46–50, Sep 76 (Eng. Abstr.) **(Rus)**

[Analytical methods of study of the system of fibrinolysis (plasminogen proactivators-activators, plasminogen-plasmin, antiplasmins, antiactivators) (literature review)] Guseinov ChS, et al. **Lab Delo** (5):276–83, 1976 **(Rus)**

[Components of the fibrinolytic system in newly prepared and preserved whole and rinsed-out cadaveric plasma] Levin GIa. **Probl Gematol Pereliv Krovi** 21(9):14–7, 1976 (Eng. Abstr.) **(Rus)**

[Fibrinolytic properties of 'peritoneal' blood used for reinfusion in gynecologic practice] Tikhomirova NI, et al. **Probl Gematol Pereliv Krovi** (2):38–42, Feb 77 (Eng. Abstr.) **(Rus)**

[Fibrinolytic system in patients with nephrotic syndrome] Andreenko GV, et al. **Ter Arkh** 40(2):89–99, 1976 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Influence of Etofibrate on plasma fibrinogen and plasminogen concentrations in patients with different forms of primary hyperlipoproteinemia. Spöttl F, et al. **Atherosclerosis** 25(2-3):293–301, Nov-Dec 76

BIOSYNTHESIS

Human pancreatic carcinoma (MIA PaCa-2) in continuous culture: sensitivity to asparaginase. Yunis AA, et al. **Int J Cancer** 19(1):218–35, Jan 77

Endogenous activiation of latent collagenase by rheumatoid synovial cells. Evidence for a role of plasminogen activator. Werb Z, et al. **N Engl J Med** 296(18):1017–23, 5 May 77

BLOOD

Serum plasminogen and lung surfactant in the respiratory distress syndrome. Singer AD, et al. **Pediatr Res** 11(2):119–23, Feb 77

CEREBROSPINAL FLUID

[In-vitro experiments on the clarification of the fibrinolytic activity in normal cerebrospinal fluid] Hindersin P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 29(5):275–84, May 77 (Eng. Abstr.) **(Ger)**

DEFICIENCY

Fibrinolysis in normal plasma and blood: evidence for significant mechanisms independent of the plasminogen-plasmin system. Moroz LA, et al. **Blood** 48(4):531–45, Oct 76

Mechanisms involved in enhancement of plasma fibrinolytic activity by chloroform. Moroz LA, et al. **Blood** 48(5):777–90, Nov 76

DIAGNOSTIC USE

Radioiodinated plasminogen: an imaging agent for pre-existing thrombi. Harwig SL, et al. **J Nucl Med** 18(1):42–5, Jan 77

Thrombus detection: here and now [editorial]. Tow DE. **J Nucl Med** 18(1):90–1, Jan 77

Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

IMMUNOLOGY

[A solid-state immunoradiometric assay for plasminogen antigen (plasmin antigen) (author's transl)] Fukao K. **Acta Haematol Jpn** 39(6):890–6, Dec 76 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

Third component of human complement: purification from plasma and physicochemical characterization. Tack BD, et al. **Biochemistry** 15(20):4513–21, 5 Oct 76

Evidence for high-molecular weight active peptides originating from porcine plasmin autolysis. Grimard M. **Biochimie** 58(11–12):1409–12, 1976

Activation of plasminogen as a feature in its assay. Gaffney PJ, et al. **Haemostasis** 6(1):72–88, 1977

Activation of human plasminogen by equimolar levels of streptokinase. Bajaj AP, et al. **J Biol Chem** 252(2):492–8, 25 Jan 77

Kinetics of active center formation in dog plasminogin by streptokinase and activity of a modified streptokinase. Reddy KN. **J Biol Chem** 251(21):6624–9, 10 Nov 76

Rabbit plasminogen and plasmin isozymes. Castellino FJ, et al. **Methods Enzymol** 45:273–86, 1976

Plasminogen and plasmin. Robbins KC, et al. **Methods Enzymol** 45:257–73, 1976

The specific interaction between plasminogen and fibrin. A physiological role of the lysine binding site in plasminogen. Wiman B, et al. **Thromb Res** 10(2):213–22, Feb 77

Preparation of human immunoglobulin free of plasmin and anticomplement activities. Habeeb AF, et al. **Vox Sang** 32(3):143–58, 1977

[Purification and properties of plasminogens extracted from human placenta] Lormeau JC, et al. **Ann Pharm Fr** 34(7–8):287–96, Jul–Aug 76 (Eng. Abstr.) **(Fre)**

[Biochemical substantiation of the expediency of using the euglobulin fractions of blood plasma from persons who died suddenly for obtaining the preparations of fibrinolytic action] Khvatov VB, et al. **Probl Gematol Pereliv Krovi** 21(3):38–42, Mar 76 (Eng. Abstr.) **(Rus)**

[Fibrinolytic components in healthy skin] Chalimova RA. **Vestn Dermatol Venerol** (12):20–3, Dec 76 (Eng. Abstr.) **(Rus)**

METABOLISM

Complement consumption in acute disseminated intravascular coagulation without antecedent immunopathology. Branson HE, et al. **Am J Clin Pathol** 66(6):967–75, Dec 76

Protamine, a substrate for thrombolytic agents and enzymes of similar specificity. Ong EB, et al. **Anal Biochem** 75(2):568–82, Oct 76

Mediators of inflammation and the modes of action of anti-inflammatory agents. Gilmore NJ. **Ann Allergy** 37(6):420–30, Dec 76

Fluorometric microassay of plasminogen activators. Kessner A, et al. **Arch Biochem Biophys** 176(2):411–6, Oct 76

Kinetic studies of the urokinase catalysed conversion of NH2-terminal lysine plasminogen to plasmin. Christensen U, et al. **Biochim Biophys Acta** 480(1):275–81, 11 Jan 77

Relationship between cell surface protease activity and doubling time in various normal and transformed cells. Hatcher VB, et al. **Biochim Biophys Acta** 451(2):499–510, 21 Dec 76

Evidence for high-molecular weight active peptides originating from porcine plasmin autolysis. Grimard M. **Biochimie** 58(11–12):1409–12, 1976

Fibrinolysis in normal plasma and blood: evidence for significant mechanisms independent of the plasminogen-plasmin system. Moroz LA, et al. **Blood** 48(4):531–45, Oct 76

Distribution and variation of fibrinolytic activity in the walls of human arteries and veins. Hegt VN. **Haemostasis** 5(6):355–72, 1976

Differences in the reactivities of human urokinase and the porcine tissue plasminogen activator. Thorsen S, et al. **Haemostasis** 5(5):295–305, 1976

Activation of the fibrinolytic system by streptokinase. pp. 159–72. Castellino FJ.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. Magnusson S, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (87 ref.)

Proteases produced by normal and malignant cells in culture. pp. 263–85. Rifkin DB, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (33 ref.)

Salivary fibrinolytic activity before and after oral surgery estimated on different types of fibrin. Gersel-Pedersin N. **Int J Oral Surg** 5(6):270–5, Dec 76

Turnover of fibrinogen, plasminogen, and prothrombin during exercise in man. Collen D, et al. **J Appl Physiol** 42(6):865–73, Jun 77

Activation of human plasminogen by equimolar levels of streptokinase. Bajaj AP, et al. **J Biol Chem** 252(2):492–8, 25 Jan 77

Activator activities of the transient forms of the human plasminogen–streptokinase complex during its proteolytic conversion to the stable activator complex. Markus G, et al. **J Biol Chem** 251(21):6495–504, 10 Nov 76

Kinetics of active center formation in dog plasminogin by streptokinase and activity of a modified streptokinase. Reddy KN. **J Biol Chem** 251(21):6624–9, 10 Nov 76

Studies on the role of plasminogen activator in ovulation. In vitro response of granulosa cells to gonadotropins, cyclic nucleotides, and prostaglandins. Strickland S, et al. **J Biol Chem** 251(18):5694–702, 25 Sep 76

Isolation of a human plasmin-derived, functionally active, light (B) chain capable of forming with streptokinase an equimolar light (B) chain–streptokinase complex with plasminogen activator activity. Summaria L, et al. **J Biol Chem** 251(18):5810–13, 25 Sep 76

Activation of human Glu-plasminogen to Glu-plasmin by urokinase in presence of plasmin inhibitors. Streptomyces leupeptin and human plasma alpha1-antitrypsin and antithrombin III (plus heparin). Summaria L, et al. **J Biol Chem** 252(11):3945–51, 10 Jun 77

Comparison of the esterase and human plasminogen activator activities of various activated forms of human plasminogen and their equimolar streptokinase complexes. Wohl RC, et al. **J Biol Chem** 252(4):1141–7, 25 Feb 77

Fibrinolysis and liver regeneration. Rixon RH, et al. **J Cell Physiol** 92(1):13–21, Jul 77

The behavior of alpha2-plasmin inhibitor in fibrinolytic states. Aoki N, et al. **J Clin Invest** 60(2):361–9, Aug 77

Trypanosoma cruzi: modification of macrophage function during infection. Nogueira N, et al. **J Exp Med** 146(1):157–71, 1 Jul 77

Fibrinogen catabolism in the surgically treated patient and in those with postoperative venous thrombosis. Correlation of plasma fibrinogen chromatographic findings with 125I-labeled fibrinogen scan findings. Fletcher AP, et al. **J Lab Clin Med** 89(6):1349–64, Jun 77

Proactivator and activator levels of plasminogen in plasma as measured by caseinolysis. Kline DL, et al. **J Lab Clin Med** 89(5):1153–8, May 77

Kinetic characterization of hemostasis in thermal injury. Simon TL, et al. **J Lab Clin Med** 89(4):702–11, Apr 77

Hematologic changes following burns. Caprini JA, et al. **J Surg Res** 22(6):626–35, Jun 77

Pulmonary tissue fibrinolysis in traumatized rats pretreated with tranexamic acid. Risberg B, et al. **Microvasc Res** 13(1):91–5, Jan 77

A new property of an old remedy: fibrinolysis and aspirin [editorial]. Ratnoff OD. **N Engl J Med** 296(10):566–7, 10 Mar 77

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

Regulation of the thrombin time in cirrhosis. Braunstein KM, et al. **Thromb Res** 9(4):301–17, Oct 76

The formation of a fibrinogen–activator complex by the action of streptokinase. Chesterman CN, et al. **Thromb Res** 10(3):421–30, Mar 77

Isolation of an active derivative produced from native streptokinase by dog plasmin. Reddy KN, et al. **Thromb Res** 9(4):407–11, Oct 76

No effect of factor Xa or tissue thromboplastin and factor VII on the activation of plasminogen. Wiman B, et al. **Thromb Res** 9(5):523–5, Nov 76

[Biochemical aspects of the streptokinase effect] Landmann

H. **Folia Haematol (Leipz)** 103(3):437–44, 1976 **(Ger)**
[The fibrinolytic activity in tissues of polytraumatized patients (author's transl)] Schlag G, et al. **Unfallheilkunde** 80(6):269–73, Jun 77 (Eng. Abstr.) **(Ger)**
[Role of pulmonary metabolism in blood coagulation in physiology, clinical medicine and therapy] Balsano F, et al. **Clin Ter** 80(6):513–27, 31 Mar 77 **(Ita)**
[Fibrinolytic and antifibrinolytic properties of the uterine tube tissues in normal rabbits and in experimental infectious salpingitis] Nazarov VG, et al. **Akush Ginekol (Mosk)** (6):71–2, Jun 77 **(Rus)**
[Plasma kallikrein: new functions] Paskhina TS. **Biokhimiia** 41(8):1347–51, Aug 76 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Terminal differentiation of cultured human epidermal cells. Green H. **Cell** 11(2):405–16, Jun 77
Prevention of hyaline membrane disease with plasminogen. A cooperative study. Ambrus CM, et al. **JAMA** 237(17):1837–41, 25 April 77
Determination of urinary fibrin/fibrinogen degradation products by radioimmunoassay. Ekberg M, et al. **Scand J Clin Lab Invest** 36(5):453–9, Sep 76
Registry of prospective clinical trials second report. Verstraete M. **Thromb Haemostas** 36(1):239–50, 31 Aug 76

PHYSIOLOGY

Mechanisms of thrombotic disease. Paton RC, et al. **Pathobiol Annu** 6:59–93, 1976 (332 ref.)
[Direct action of extracorporeal circulation on platelets and coagulation factors] Baille Y, et al. **Ann Anesthesiol Fr** 18(1):43–50, 1977 (Eng. Abstr.) **(Fre)**

SECRETION

[Blood plasma fibrinolytic activity in patients with nephrolithiasis] Zuch A, et al. **Pol Tyg Lek** 32(16):585–8, 18 Apr 77 (Eng. Abstr.) **(Pol)**

THERAPEUTIC USE

SDS polyacrylamide gel characterization of serum FDP produced in response to ancrod and streptokinase/plasminogen infusion in man. Lane DA, et al. **Br J Haematol** 36(1):137–48, May 77
A comparison of the sulphite and thrombin methods for measuring fibrinogen concentration of plasma from patients undergoing thrombolytic therapy. Lane DA, et al. **Clin Chim Acta** 71(1):15–9, 16 Aug 76
Thrombolysis of palmar and digital arterial thrombosis by intra-arterial Thrombolysin. Kartchner MM, et al. **J Hand Surg** 1(1):67–74, Jul 76
Prevention of hyaline membrane disease with plasminogen. A cooperative study. Ambrus CM, et al. **JAMA** 237(17):1837–41, 25 April 77
Prevention of hyaline membrane disease with plasminogen. Preliminary report of a cooperative study. Ambrus CM, et al. **Res Commun Chem Pathol Pharmacol** 15(1):195–8, Sep 76
Studies on the prevention of respiratory distress syndrome of infants due to hyaline membrane disease with plasminogen. Ambrus CM, et al. **Semin Thromb Hemostas** 2(1):42–51, Jul 75
Intermittent plasminogen-streptokinase treatment of deep vein thrombosis. Scully MF, et al. **Thromb Haemostas** 37(1):162–9, 28 Feb 77

PROTAMINES

DNA-hsistones, a computer model. Portelli C. **Acta Biotheor [A] (Leiden)** 25(2–3):130–52, 1976
Protamine, a substrate for thrombolytic agents and enzymes of similar specificity. Ong EB, et al. **Anal Biochem** 75(2):568–82, Oct 76
Plasma heparin activity and antagonism during cardiopulmonary bypass with hypothermia. Cohen JA, et al. **Anesth Analg (Cleve)** 56(4):564–70, Jul-Aug 77
Fluorometric microassay of plasminogen activators. Kessner A, et al. **Arch Biochem Biophys** 176(2):411–6, Oct 76
A sensitive fluorimetric assay of plasmin and plasminogen. Seelich T, et al. **Biochem Med** 17(2):202–14, Apr 77
Association products and conformations of salt-dissociated and acid-extracted histones. A two-phase procedure for isolating salt-dissociated histones. Bidney DL, et al. **Biochemistry** 16(9):1844–9, 3 May 77
Nuclear estradiol receptor in the adult rat uterus: a new exchange assay. Zava DT, et al. **Biochemistry** 15(19):4292–7, 21 Sep 76
Independent modulation of hepatic protein kinase activities. Gorin E, et al. **Biochim Biophys Acta** 451(2):491–8, 21 Dec 76
Partial purification and some properties of gamma-glutamyl transpeptidase from human bile. Indirani N, et al. **Biochim Biophys Acta** 483(1):57–62, 8 Jul 77
Purification of human immunoglobulin M by affinity chromatography on protamine-Sepharose. Wichmann A, et al. **Biochim Biophys Acta** 490(2):363–9, 22 Feb 77
A demonstration of androgen and estrogen receptors in a human breast cancer using a new protamine sulfate assay. Lippman M, et al. **Cancer** 38(2):868–74, Aug 76
Androgen receptors in human prostatic tissues: a review. Menon M, et al. **Cancer Treat Rep** 61(2):265–71, Mar-Apr 77 (26 ref.)
Lymphocytosis induced by polyanions in rats. Ross WM, et al. **Chem Biol Interact** 16(2):123–33, Feb 77
Regulation of histone acetyltransferase activity during the development of Artemia salina. Characterization of an inhibitor in nauplius larvae. Cano A, et al. **Dev Biol** 54(2):276–87, Dec 76
Liver protein kinase activity and triiodothyronine. Roques M, et al. **Endocrinology** 100(4):967–73, Apr 77
On the competition between protamines and histones: studies directed towards the understanding of spermiogenesis. Bode J, et al. **Eur J Biochem** 72(2):393–403, Jan 77
Protein arrangement in the DNA grooves in chromatin and nucleoprotamine in vitro and in vivo revealed by methylation. Mirzabekov AD, et al. **Eur J Biochem** 75(2):379–89, 16 May 77
Sites of 'in vitro' enzymatic acetylation of histone H3. Thwaits BH, et al. **FEBS Lett** 71(2):193–6, 1 Dec 76
Stimulation of clonal growth of normal fibroblasts with substrata coated with basic polymers. McKeehan WL, et al. **J Cell Biol** 71(3):727–34, Dec 76
Adenosine 3'5'-cyclic monophosphate dependent protein kinase in human adrenocortical tumors. Riou JP, et al. **J Clin Endocrinol Metab** 44(2):413–9, Feb 77
Improved antibody detection by the use of range expansion and longer filter wavelength in a low ionic strength-protamine sulphate Auto-Analyzer system. Downie DM, et al. **J Clin Pathol** 29(11):991–4, Nov 76
Characterization and modification of permselective properties of apatite membranes. Tung MS. **J Dent Res** 55 Spec No:D77–85, Oct 76
Removal of heparin and protamine from plasma. Thompson AR, et al. **J Lab Clin Med** 88(6):922–9, Dec 76
Binding of triiodothyronine by bullfrog tadpole liver and tail fin cytosol proteins. Jaffe RC, et al. **Mol Cell Endocrinol** 8(1):1–13, Jul 77
Molecular dosimetry of chemical mutagens. Selection of appropriate target molecules for determining molecular dose to the germ line. Aaron CS. **Mutat Res** 38(5):303–9, Oct 76
Phosphorylated protamines. II. Circular dichroism of complexes with DNA, dependency on ionic strength. Willmitzer L, et al. **Nucleic Acids Res** 4(1):163–76, Jan 77
Reactivity of fibrinogen crosslinking sites in the absence of thrombin. Seelich T, et al. **Thromb Haemostas** 35(3):620–7, 30 Jun 76
[Use of rare earth elements as markers for the study of biologically active compounds. V. Luminescence spectra and binding centers of europium in proteins] Zolin VF, et al. **Biofizika** 21(6):1003–7, Nov 76 (Eng. Abstr.) **(Rus)**
[Nature of the proteinase activated by the contact factor in human blood plasma] Veremeenko KN, et al. **Vopr Med Khim** (3):391–6, May-Jun 77 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Polybrene neutralization as a means of monitoring heparin therapy for extracoporeal cirulation. Foster ED, et al. **Ann Thorac Surg** 23(6):514–9, Jun 77
Control of heparinization by activated clotting time during bypass with improved postoperative hemostasis. Verska JJ. **Ann Thorac Surg** 24(2):170–3, Aug 77
Assay and characterization of serum-stimulated lipolytic activity in homogenates of human adipose tissue. Lisch HJ, et al. **Res Exp Med (Berl)** 170(2):109–14, 29 Jun 77
The monitoring of heparin activity during extracorporeal circulation. Gomperts ED, et al. **S Afr Med J** 51(26):973–6, 25 Jun 77

ADVERSE EFFECTS

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

ANALYSIS

Translation of protamine mRNA in a rabbit reticulocyte cell-free system. Gedamu L, et al. **Can J Biochem** 55(2):152–8, Feb 77

On the diversity of sperm histones in the vertebrates. I. Changes in basic proteins during spermiogenesis in the newt Notophthalmus viridescens. Bols NC, et al. **Differentiation** 7(1):31–8, 2 Nov 76

Protein arrangement in the DNA grooves in chromatin and nucleoprotamine in vitro and in vivo revealed by methylation. Mirzabekov AD, et al. **Eur J Biochem** 75(2):379–89, 16 May 77

Histones instead of protamines in terminal germ cells of infertile, oligospermic men. Silvestroni L, et al. **Fertil Steril** 27(12):1428–37, Dec 76

Studies on a protamine (galline) from fowl sperm. 4. Degradation of galline by trypsin-like protease of fowl sperm heads. Nakano M, et al. **Int J Pept Protein Res** 8(6):579–87, 1976

Studies on a protamine (galline) from fowl sperm. 3. The total amino acid sequence of intact galline molecule. Nakano M, et al. **Int J Pept Protein Res** 8(6):565–78, 1976

Simple metachromatic assay methods for heparin and protamine. Johnson EA, et al. **J Pharm Pharmacol** 28(11):836–7, Nov 76

Protamines in the sperm heads of inbred and outbred mice Reid BL. **J Reprod Fertil** 49(1):169–71, Jan 77

BIOSYNTHESIS

Identification and isolation of protamine messenger ribonucleoprotein particles from rainbow trout testis. Gedamu L, et al. **Biochemistry** 16(7):1383–91, 5 Apr 77

Translation of protamine mRNA in a rabbit reticulocyte cell-free system. Gedamu L, et al. **Can J Biochem** 55(2):152–8, Feb 77

Sequence analysis of protamine mRNA from the rainbow trout. Depurination and nearest neighbor analysis of protamine cDNA. Davies PL, et al. **J Biol Chem** 252(4):1386–93, 25 Feb 77

The structure and function of protamine mRNA from developing trout testis. Davies PL, et al. **Prog Nucleic Acid Res Mol Biol** 19:135–55, 1976 (53 ref.)

BLOOD

Removal of heparin and protamine from plasma. Thompson AR, et al. **J Lab Clin Med** 88(6):922–9, Dec 76

Monitoring of intraoperative heparinization and blood loss following cardiopulmonary bypass surgery. Babka R, et al. **J Thorac Cardiovasc Surg** 73(5):780–2, May 77

[Significance of plasma-protein paracoagulation test in the diagnosis of thromboembolic the disease] Braun P, et al. **Z Gesamte Inn Med** 31(18):758–9, 15 Sep 76 (Eng. Abstr.) **(Ger)**

DIAGNOSTIC USE

Correlation of the serial-dilution protamine sulfate test with models of 'hypercoagulability' and thrombosis in dogs. Francis PB, et al. **Am J Clin Pathol** 67(4):356–61, Apr 77

Noninvasive diagnosis of deep venous thrombosis. Richards KL, et al. **Arch Intern Med** 136(10):1091–6, Oct 76

Laboratory modalities for assessing hemostasis during cardiopulmonary bypass. Fekete LF, et al. **Semin Thromb Hemostas** 3(2):83–9, Oct 76

Comparison between a modified ethanol gelation test and protamine sulfate test. Experimental studies. Zielinsky A, et al. **Thromb Haemostas** 36(1):165–72, 31 Aug 76

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

[Androgen binding proteins in the rat prostate: methodological problems and regulation (author's transl)] Blondeau JP, et al. **Ann Endocrinol (Paris)** 37(2):95–6, Mar–Apr 76 (Eng. Abstr.) **(Fre)**

[Role of ACTH and glucocorticoids in providing for non-enzymatic fibrinolysis in animals under immobilization stress] Kudriashov BA, et al. **Fiziol Zh SSSR** 63(5):735–41, May 77 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Cross-reaction of antibodies present in sera of vasectomized mice with human swollen spermheads. Samuel T, et al. **Clin Exp Immunol** 25(1):80–4, Jul 76

Antiserum to the major basic protein of guinea pig eosinophil granules. Lewis DM, et al. **Immunochemistry** 13(9):743–6, Sep 76

Adjuvant and suppressor activity of the polycation protamine hydrochloride in the primary immune response of mice. Huget R, et al. **Z Immunitaetsforsch** 152(3):190–9, Nov 76

METABOLISM

Phosphorylation of cardiac regulatory proteins by cyclic AMP-dependent protein kinase. Reddy YS. **Am J Physiol** 231(5 Pt. 1):1330–6, Nov 76

Cyclic adenosine monophosphate-dependent and -independent protein kinase activity of renal brush border membranes. George ER, et al. **Arch Biochem Biophys** 180(2):429–43, 30 Apr 77

Mechanism of anticholinesterase activities of cardiotoxin, protamine and polylysine. Lin SY, et al. **Biochem J** 161(2):229–32, 1 Feb 77

Purification and characterization of a protein kinase modulator from rat mammary gland. Majumder GC. **Biochim Biophys Acta** 483(2):279–93, 11 Aug 77

Protein kinases associated with peripheral nerve myelin. 1. Phosphorylation of endogenous myelin proteins and exogenous substrates. Singh H, et al. **Biochim Biophys Acta** 448(2):325–37, 5 Oct 76

Purification and properties of a phosphoprotein phosphatase from rat liver. Titanji VP. **Biochim Biophys Acta** 481(1):140–51, 15 Mar 77

Low density lipoprotein (LDL) complexes with protamine. Skrzydlewski Z, et al. **Bull Acad Pol Sci [Biol]** 24(4):201–3, Jun 76

Estrogen receptor and proteolytic activity in human breast tumor nuclei. Garola RE, et al. **Cancer Res** 37(9):3329–32, Sep 77

Isolation and characterization of trout testis protamine mRNAs lacking poly (A). Gedamu L, et al. **Cell** 10(3):443–51, Mar 77

The distribution of poly(A)+ and poly(A)- protamine messenger RNA sequences in the developing trout testis. Iatrou K, et al. **Cell** 10(3):433–41, Mar 77

On the diversity of sperm histones in the vertebrates: II. A cytochemical study of the basic protein transitions during spermiogenesis in the cartilaginous fish Hydrolagus colliei. Bols NC, et al. **J Exp Zool** 198(1):109–13, Oct 76

Complement activation by interaction of polyanions and polycations. III. Complement activation by interaction of multiple polyanious and polycations is the presence of C-reactive protein. Claus DR, et al. **J Immunol** 118(1):83–7, Jan 77

The measurement of androgen receptors in human prostatic tissue utilizing sucrose density centrifugation and a protamine precipitation assay. Menon M, et al. **J Urol** 117(3):309–12, Mar 77

Protein kinase and phosphoproteins of avian myeloblastosis virus. Tsiapalis CM. **J Virol** 21(3):843–8, Mar 77

The glomerular localization and transport of aggregated protamine-heparin complexes. Sharon Z, et al. **Lab Invest** 37(1):43–52, Jul 77

Molecular dosimetry of chemical mutagens. Measurement of molecular dose and DNA repair in mammalian germ cells. Sega GA. **Mutat Res** 38(5):317–26, Oct 76

Phosphorylated protamines. II. Circular dichroism of complexes with DNA, dependency on ionic strength. Willmitzer L, et al. **Nucleic Acids Res** 4(1):163–76, Jan 77

Phosphorylated protamines. I. Binding stoichiometry and thermal stability of complexes in DNA. Willmitzer L, et al. **Nucleic Acids Res** 4(1):149–62, Jan 77

[Preparation and some properties of immobilized trypsin from the crayfish Cambarus affinis Say (author's transl)] Kleine R, et al. **Hoppe Seylers Z Physiol Chem** 357(5):629–39, May 76 (Eng. Abstr.) **(Ger)**

[Benzoyl-DL-arginine-p-nitroanilidase from buckwheat seeds. Properties and substrate specificity] Emtseva IB, et al. **Biokhimiia** 42(4):726–34, Apr 77 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Prostaglandin F2alpha as a mediator of pulmonary changes during platelet aggregation. Rådegran K, et al. **Acta Anaesthesiol Scand** 21(3):168–73, 1977

Steroid hormone receptors in the regulation of differentiation. A review. McCarty KS Jr, et al. **Am J Pathol** 86(3):705–44, Mar 77 (184 ref.)

Effect of histones on the intracellular metabolism of ascorbic acid. Giannitsis DJ. **Arzneim Forsch** 27(2):353–4, Feb 77

Lipoprotein lipase. Isolation and characterization of a second enzyme species from postheparin plasma. Fielding PE, et al. **Biochemistry** 16(9):1896–1900, 3 May 77

Lipoprotein lipase in cultured heart cells: characteristics and cellular location. Henson LC, et al. **Biochim Biophys Acta** 487(1):212–21, 26 Apr 77

The role of metabolic energy in the lethal action of basic proteins on Candida albicans. Olson VL, et al. **Can J Microbiol** 23(2):166–74, Feb 77

Protamine induced intracellular uptake of horseradish peroxidase and vacuolation in mouse skeletal muscle in vitro. Jirmanová I, et al. **Cell Tissue Res** 176(4):463–73, 24 Jan 77

The clearance of lipoprotein X in vitro, and effect of phospholipase A on serum lipoprotein X. Rubies-Prat J, et al. **Clin Chim Acta** 75(1):117–21, 15 Feb 77

Effects of drugs and hormones on lipolysis in heart. Lech JJ, et al. **Fed Proc** 36(7):2000–8, Jun 77 (76 ref.)

The contribution of hepatic triglyceride lipase to plasma post-heparin lipolytic activity in the rat. Elkeles RS, et al. **Horm Metab Res** 9(1):63–5, Jan 77

Properties of heparin--poly(methyl methacrylate) copolymers. II. Labarre D, et al. **J Biomed Mater Res** 11(2):283–95, Mar 77

The role of membrane receptors for C3b and C3d in phagocytosis. Ehlenberger AG, et al. **J Exp Med** 145(2):357–71, 1 Feb 77

Further studies on mechanism of anticholinesterase activities of cardiotoxin, protamine and polylysine. Shiau SY, et al. **J Formosan Med Assoc** 75(12):693–9, Dec 76

C567-initiated cytolysis of lymphoid cells: description of the phenomenon and studies on its control by C567 inhibitors. Baker PJ, et al. **J Immunol** 118(1):198–202, Jan 77

Complement activation by interaction of polyanions and polycations. III. Complement activation by interaction of multiple polyanious and polycations is the presence of C-reactive protein. Claus DR, et al. **J Immunol** 118(1):83–7, Jan 77

Heparin-induced coagulopathy. Bell WR, et al. **J Lab Clin Med** 89(4):741–50, Apr 77

Effects of RNase and RNA on in vitro aster assembly. Zackroff RV, et al. **J Supramol Struct** 5(4):577(429)589(441), 1976

The contribution of anticoagulants to platelet dysfunction with extracorporeal circulation. Wallace HW, et al. **J Thorac Cardiovasc Surg** 72(5):735–41, Nov 76

Increase in lipid fluidity of cellular membranes induced by adsorption of RNA and DNA virions. Levanon A, et al. **J Virol** 22(2):353–60, May 77

Lipoprotein lipase activity in rat heart myocytes. Bagby GJ, et al. **Life Sci** 21(3):467–73, 1 Aug 77

Methods of cell fusion with Germiston virus. Olson LC. **Methods Cell Biol** 14:11–22, 1976

Redistribution of polycations bound to lymphocytes. Larsen B. **Mol Cell Biochem** 15(2):117–23, 12 Apr 77

Reversal of heparin action after cell separation [letter]. Buskard NA. **N Engl J Med** 295(12):677, 16 Sep 76

False positive reactions in dialysis patients [letter] DePena ME. **Transfusion** 17(3):289–90, May-Jun 77

[Anticomplement actions of heparin-like and protamine-like substances] Timsit J, et al. **C R Soc Biol (Paris)** 170(3):567–74, Oct 76 (Eng. Abstr.) **(Fre)**

[Experimental precipitation of the human bile. Effect of protamine on the solubilization of cholesterol and on the stability of bile] Lagarriga J, et al. **Prensa Med Mex** 41(9–10):303–5, Sep-Oct 76 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

On the competition between protamines and histones: studies directed towards the understanding of spermiogenesis. Bode J, et al. **Eur J Biochem** 72(2):393–403, Jan 77

THERAPEUTIC USE

Polybrene neutralization as a means of monitoring heparin therapy for extracoporeal cirulation. Foster ED, et al. **Ann Thorac Surg** 23(6):514–9, Jun 77

The management of diabetic acidosis. Kaufman IA, et al. **West J Med** 127(2):104–11, Aug 77

[Variations in hemostasis in the infant under deep hypothermia] Doutremepuich C, et al. **Ann Anesthesiol Fr** 18(1):62–7, 1977 (Eng. Abstr.) **(Fre)**

[Anaesthesiological problems in donor-nephrectomie and kidney transplantation (author's transl)] Taube HD. **Prakt Anaesth** 12(2):123–7, Apr 77 (Eng. Abstr.) **(Ger)**

[Morphological pattern of periodontal tissue in hamsters in experimental periodontopathy treated with protamine] Nowicka J. **Czas Stomatol** 30(1):75–9, 1977 (Eng. Abstr.) **(Pol)**

[Use of protamine sulfate, epsilon-aminocaproic acid and serotonin in experimental hypofibrinogenemia and fibrinolysis caused by stimulation of the anticoagulant system] Kalishevskaia TM, et al. **Biol Nauki** (10):69–75, 1976 **(Rus)**

[Use of hemostatic preparations in obstetrical hemorrhages] Pavlovskiĭ DP, et al. **Pediatr Akush Ginekol** (1):33–7, Jan-Feb 76 **(Ukr)**

TOXICITY

Pathogenesis of polycation-induced alterations ('fusion') of glomerular epithelium. Seiler MW, et al. **Lab Invest** 36(1):48–61, Jan 77

PROTHROMBIN

Rat prothrombin: purification, characterization, and activation. Grant GA, et al. **Arch Biochem Biophys** 176(2):650–62, Oct 76

Isolation and characterization of an active three-chain molecular species of bovine thrombin. Giglio JR, et al. **Biochem J** 159(1):29–33, 1 Oct 76

Investigation of the aggregation and activation of prothrombin using quasi-elastic light scattering. Agarwal GP, et al. **Biochemistry** 16(9):1865–70, 3 May 77

A comparison of human prothrombin, factor IX (Christmas factor), factor X (Stuart factor), and protein S. Di Scipio RG, et al. **Biochemistry** 16(4):698–706, 22 Feb 77

Sheep prothrombin: purification and partial characterization. Chiericato G, et al. **Biochim Biophys Acta** 453(2):410–7, 22 Dec 76

The gamma-carboxy glutamic acid content of human and bovine prothrombin following warfarin treatment. Esnouf MP, et al. **Biochim Biophys Acta** 490(2):471–6, 22 Feb 77

The N-terminal activation fragment of bovine prothrombin. Immunological studies leading to a one step purification. Wallin R, et al. **Biochim Biophys Acta** 491(1):317–24, 28 Mar 77

Identification of gamma-carboxyglutamic acid residues in bovine factors IX and X, and in a new vitamin K-dependent protein. Bucher D, et al. **FEBS Lett** 68(2):293–6, 1 Oct 76

Partial sequence of rat prothrombin and the activity of two related pentapeptides as substrates for the vitamin K-dependent carboxylase system. Houser RM, et al. **FEBS Lett** 75(1):226–30, 15 Mar 77

Changes in coagulation factors following acute myocardial infarction in man. Rennie JA, et al. **Haemostasis** 5(4):258–64, 1976

Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. Magnusson S, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (87 ref.)

Interaction of manganese with bovine prothrombin and its thrombin-mediated cleavage products. Bajaj SP, et al. **J Biol Chem** 251(20):6294–9, 25 Oct 76

Primary structure of human prethrombin 2 and alpha-thrombin. Butkowski RJ, et al. **J Biol Chem** 252(14):4942–57, 25 Jul 77

Role of gamma-carboxyglutamic acid. An unusual protein transition required for the calcium-dependent binding of prothrombin to phospholipid. Nelsestuen GL. **J Biol Chem** 251(18):5648–56, 25 Sep 76

Role of gamma-carboxyglutamic acid. Cation specificity of prothrombin and factor X-phospholipid binding. Nelsestuen GL, et al. **J Biol Chem** 251(22):6886–93, 25 Nov 76

Differentiation of metal ion-induced transitions of prothrombin fragment 1. Prendergast FG, et al. **J Biol Chem** 252(3):840–50, 10 Feb 77

The measurement of thrombin in clotting blood by radioimmunoassay. Shuman MA, et al. **J Clin Invest** 58(5):1249–58, Nov 76

Primary structure of the amino-terminal (vitamin K-dependent) region of human prothrombin. Walz D, et al. **Life Sci** 20(1):79–83, 1 Jan 77

Prothrombin. Mann KG. **Methods Enzymol** 45:123–56, 1976

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

Amino acid sequence of human prothrombin fragments 1 and 2. Walz DA, et al. **Proc Natl Acad Sci USA** 74(5):1969–72, May 77

[Diurnal variations in prothrombin concentration during anticoagulation treatment with warfarin (Marevan)] Hornnes P, et al. **Ugeskr Laeger** 138(38):2309–11, 13 Sep 76 (Eng. Abstr.) **(Dan)**

[The effect of oral contraceptives on levels of thyroid hormone, blood coagulation and ceruloplasmin (author's transl)] Schenk H, et al. **Munch Med Wochenschr** 119(28):941–4, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Staphylocoagulase and staphylothrombin] Zajdel M, et al. **Postepy Hig Med Dosw** 31(1):17–31, Jan – Feb 77 (77 ref.) (Eng. Abstr.) **(Pol)**

[Determination of the secondary prothrombin structure under different degrees of citraconylation by means of ring dichroism] Baskova IP, et al. **Biokhimiia** 42(1):95–9, Jan 77 (Eng. Abstr.) **(Rus)**

[Products of bovine prothrombin citraconylation and their activation by factor Xa] Memon MS, et al. **Biokhimiia** 42(3):505–12, Mar 77 (Eng. Abstr.) **(Rus)**

[Formation of the prothrombin–phosphatidyl serine and thrombin–phosphatidyl serine complex] Mukhacheva IA, et al. **Biokhimiia** 41(12):2130–5, Dec 76 (Eng. Abstr.) **(Rus)**

[Studies on the glycopeptides of canine prothrombin] Timerbaev VN, et al. **Biokhimiia** 42(5):839–42, May 77 (Eng. Abstr.) **(Rus)**

[Intravascular blood clotting–component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**

ADMINISTRATION & DOSAGE

Prothrombin complex concentrates and coagulation [letter]. Penner JA. **Ann Intern Med** 85(4):531–2, Oct 76

Prothrombin complex concentrate. DeWitt RT, et al. **Arch Intern Med** 137(9):1211–3, Sep 77

[Role of intermediate products of prothrombin proteolysis by thrombin in the stimulation of the anticoagulation system of blood] Kudriashov BA, et al. **Biull Eksp Biol Med** 82(10):1172–4, Oct 76 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Acute coagulopathy following infusion of prothrombin complex concentrate. Davey RJ, et al. **Am J Med** 60(5):719–22, 10 May 76

Prothrombin complex concentrates and coagulation [letter]. Penner JA. **Ann Intern Med** 85(4):531–2, Oct 76

Various prothrombin complex concentrates and their effect on coagulation and fibrinolysis in vivo. Hedner U, et al. **Thromb Haemostas** 35(2):386–95, 30 Apr 76

ANALOGS & DERIVATIVES

The purification of human acarboxy prothrombin. Characterization of its derivatives after thrombin cleavage. Guillin MC, et al. **Thromb Res** 10(2):223–33, Feb 77

ANALYSIS

Treatment of extrahepatic occlusive jaundice with activated charcoal hemoperfusion in dogs. Lie TS, et al. **Acta Hepatogastroenterol (Stuttg)** 23(4):262–6, Jul–Aug 76

Alcoholic hyalin, microfilaments and microtubules in alcoholic hepatitis. Petersen P. **Acta Pathol Microbiol Scand [A]** 85(3):384–394, May 77

Thrombophlebitis. Kerstein MD. **Angiology** 28(4):228–34, Apr 77 (64 ref.)

Platelet release abnormality and reduced prothrombin levels in children with cyanotic congenital heart disease. Ekert H, et al. **Aust Paediatr J** 13(1):17–21, Mar 77

gamma–Carboxyglutamic acid distribution. Zytkovicz TH, et al. **Biochim Biophys Acta** 444(2):344–8, 24 Sep 76

Evidence suggesting the regulation of a coagulation factor levels in rabbits by a transferable plasma agent. Friedman EW, et al. **Blood** 48(6):949–54, Dec 76

Prothrombin complex concentrates: potentially thrombogenic materials and clues to the mechanism of thrombosis in vivo. White GC 2d, et al. **Blood** 49(2):159–70, Feb 77

Comparative studies on coagulation activities in normal plasmas and their mixtures. Minger AM. **Eur J Pediatr** 123(3):215–24, 1 Oct 76

Factor VII levels as a guide to prognosis in fulminant hepatic failure. Gazzard BG, et al. **Gut** 17(7):489–91, Jul 76

Heparin–like inhibitor, not vitamin–K deficiency, in the newborn [letter]. van Doorm JM, et al. **Lancet** 1(8016):852–3, 16 Apr 77

The blood clotting mechanism. Esnouf MP. **Prog Clin Biol Res** 5:69–84, 1976 (105 ref.)

The clinical significance of increased plasma levels of liver–synthesized coagulation factors in liver disease. Arnman R, et al. **Scand J Gastroenterol** 12(4):387–9, 1977

Clinical and laboratory observations on trioxazine treatment of delirious and other psychiatric diseases. Müller F, et al. **Ther Hung** 25(2):69–74, 1977

Bleeding in uremic patients after carbenicillin. Andrassy K, et al. **Thromb Haemostas** 36(1):115–26, 31 Aug 76

Prothrombin determination by means of a chromogenic peptide substrate. Axelsson G, et al. **Thromb Haemostas** 36(3):517–24, 31 Dec 76

The clotting of a snake (Crotalus viridis Helleri) plasma and its interaction with various snake venoms. Denson KW. **Thromb Haemostas** 35(2):314–23, 30 Apr 76

Kinetic aspects of the interaction of blood clotting enzymes. VII. The relation between clotting time and prothrombin concentration. Hemker HC, et al. **Thromb Haemostas** 37(1):81–5, 28 Feb 77

Comparison between British Comparative Thromboplastin (BCT) and a factor II–VII–X determination method (simplastin A) based on fresh plasma samples from dicoumarol–treated patients. Korsan–Bengtsen K, et al. **Thromb Haemostas** 37(1):98–103, 28 Feb 77

The influence of ethanol feeding on the activities of factors II, VII, VIII, IX and X in rats. Morland J, et al. **Thromb Haemostas** 36(3):532–6, 31 Dec 76

The influence of the thyroid function on the metabolic rate of prothrombin, factor VII, and factor X in the rat. van Oosterom AT, et al. **Thromb Haemostas** 35(3):607–19, 30 Jun 76

A new method for the preparation of artificial factor II reagents from normal human and bovine plasma. Vermeer C, et al. **Thromb Res** 10(3):495–507, Mar 77

[Diurnal variations in prothrombin concentration during anticoagulation treatment with warfarin (Marevan)] Hornnes P, et al. **Ugeskr Laeger** 138(38):2309–11, 13 Sep 76 (Eng. Abstr.) **(Dan)**

[Systematic study of hemostasis disorders in 20 partial hepatectomies] Morisot P, et al. **Anesth Analg (Paris)** 34(1):123–30, Jan–Feb 77 **(Fre)**

[Study of hemostasis factors in nephrotic syndrome. Pathogenic interpretation and therapeutic deductions] Bernard D, et al. **Ann Med Interne (Paris)** 128(4):325–33, Apr 77 (Eng. Abstr.) **(Fre)**

[Clinical evaluation in liver diseases of a new blood coagulation test for the determination of factors II, VII and X] Pagliano FM, et al. **Arch Sci Med (Torino)** 133(4):315–20, Oct–Dec 76 (Eng. Abstr.) **(Ita)**

[Determination of prothrombin] Yasunaga K. **Jpn J Clin Med** 34 suppl:2433–43, 1976 (38 ref.) **(Jpn)**

[Analysis of various clinico–laboratory indicators of hepatic coma in chronic liver diseases] Postovit VA, et al. **Ter Arkh** 48(10):104–8, 1976 (Eng. Abstr.) **(Rus)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

[Another defect of the intrinsic activator of prothrombin localized in the contact phase of activation: factor DMD (Dynia–Majan–Drdlička)] Hrubišková K. **Vnitr Lek** 23(4):316–28, Apr 77 **(Slo)**

[Prothrombin and cholinesterase indices in jaundice in premature infants] Mal'chenko GA, et al. **Pediatr Akush Ginekol** (4):13–5, Jul–Aug 76 **(Ukr)**

ANTAGONISTS & INHIBITORS

Dose–dependent influence of acetylsalicyclic acid on platelet functions and plasmatic coagulation factors. Loew D, et al. **Haemostasis** 5(4):239–49, 1976

[Activity of leukocytic factors of blood coagulation in chronic coronary insufficiency] Mel'nikov AF, et al. **Kardiologiia** 17(5):49–52, May 77 **(Rus)**

BIOSYNTHESIS

Estrogen and prothrombin synthesis: effect of estrogen on absorption of vitamin K1. Jolly DW, et al. **Am J Physiol** 232(1):H12–7, Jan 77

Vitamin K–dependent formation of gamma–carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157–72, 1977 (113 ref.)

Inhibition of prothrombin synthesis and epoxidation of vitamin K1 by anticoagulants in vitro. Bell RG, et al. **Biochem Biophys Res Commun** 72(2):619–25, 20 SEP 76

Effect of vitamin K homologues on the conversion of preprothrombin to prothrombin in rat liver microsomes. Jones JP, et al. **Biochem Biophys Res Commun** 72(2):589–97, 20 SEP 76

Synthesis of clotting factors by a cell–free system from rat liver in response to the addition of vitamin K1 in vitro. Lowenthal J, et al. **Biochem Biophys Res Commun**

74(1):25–32, 10 Jan 77

Rat liver prothrombin precursors: purification of a second, more basic form. Grant GA, et al. **Biochemistry** 15(24):5387–93, 30 Nov 76

In vitro prothrombin synthesis from a purified precursor protein. I. Development of a bovine liver cell-free system. Vermeer C, et al. **Biochim Biophys Acta** 444(3):926–30, 22 Oct 76

Mechanism of action of anticoagulants: correlation between the inhibition of prothrombin synthesis and the regeneration of vitamin K1 from vitamin K1 epoxide. Ren P, et al. **J Pharmacol Exp Ther** 201(3):541–6, Jun 77

Effect of warfarin on the kinetics of the vitamin K-dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

Oral anticoagulant therapy: the biosynthetic basis. Suttie JW. **Semin Hematol** 14(3):365–74, Jul 77

[Mechanism of action of vitamin K and how it is affected by anticoagulants] Schade R, et al. **Pharmazie** 31(9):585–9, 1976 (70 ref.) **(Ger)**

IMMUNOLOGY

Clotting factors and platelets. Immunofluorescence evidence that fibrinogen and factor VIII are present in human washed platelets, whereas prothrombin complex factors and factor XIII are lacking. Betterle C, et al. **Haemostasis** 6(3):171–9, 1977

The purification of human acarboxy prothrombin. Characterization of its derivatives after thrombin cleavage. Guillin MC, et al. **Thromb Res** 10(2):223–33, Feb 77

ISOLATION & PURIFICATION

Rat prothrombin: purification, characterization, and activation. Grant GA, et al. **Arch Biochem Biophys** 176(2):650–62, Oct 76

A comparison of human prothrombin, factor IX (Christmas factor), factor X (Stuart factor), and protein S. Di Scipio RG, et al. **Biochemistry** 16(4):698–706, 22 Feb 77

Sheep prothrombin: purification and partial characterization. Chiericato G, et al. **Biochim Biophys Acta** 453(2):410–7, 22 Dec 76

The N-terminal activation fragment of bovine prothrombin. Immunological studies leading to a one step purification. Wallin R, et al. **Biochim Biophys Acta** 491(1):317–24, 28 Mar 77

Prothrombin. Mann KG. **Methods Enzymol** 45:123–56, 1976

Improved procedures for the purification of selected vitamin K-dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38, 1976 (95 ref.)

Amino acid sequence of human prothrombin fragments 1 and 2. Walz DA, et al. **Proc Natl Acad Sci USA** 74(5):1969–72, May 77

METABOLISM

Rat prothrombin: purification, characterization, and activation. Grant GA, et al. **Arch Biochem Biophys** 176(2):650–62, Oct 76

Estrogen and prothrombin synthesis. The prothrombinogenic action of estrogen. Jolly DW, et al. **Biochem Biophys Res Commun** 74(1):41–9, 10 Jan 77

Sheep prothrombin: purification and partial characterization. Chiericato G, et al. **Biochim Biophys Acta** 453(2):410–7, 22 Dec 76

The N-terminal activation fragment of bovine prothrombin. Immunological studies leading to a one step purification. Wallin R, et al. **Biochim Biophys Acta** 491(1):317–24, 28 Mar 77

The activation of prothrombin complex concentrates by calcium in vitro. Exner T, et al. **Biomedicine [Express]** 27(2):62–5, Mar 77

Evidence that washed human platelets possess factor-X activator activity. Semeraro N, et al. **Br J Haematol** 36(1):107–15, May 77

Structure and function in biology. Hirs CH. **Brookhaven Symp Biol** (27):13–19, May 76

Partial sequence of rat prothrombin and the activity of two related pentapeptides as substrates for the vitamin K-dependent carboxylase system. Houser RM, et al. **FEBS Lett** 75(1):226–30, 15 Mar 77

The biochemistry of prothrombin activation. pp. 61–99. Jackson CM.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (175 ref.)

Control of heparin therapy. pp. 201–9. Salzman EW, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Coagulation, heparin and thromboembolism. pp. 283–92. Schander K, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Serine proteases of coagulation and their inhibitors. pp. 189–202. Davie EW, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (46 ref.)

Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. Magnusson S, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (87 ref.)

Vitamin K – dependent synthesis and modification of precursor prothrombin in cultured liver cells. p. 401. Munns TW, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.

On the interaction between the anti-inflammatory substance proquazone (RU 43-715) and phenprocoumone. Vinazzer H. **Int J Clin Pharmacol Biopharm** 15(5):214–6, May 77

Turnover of fibrinogen, plasminogen, and prothrombin during exercise in man. Collen D, et al. **J Appl Physiol** 42(6):865–73, Jun 77

Interaction of manganese with bovine prothrombin and its thrombin-mediated cleavage products. Bajaj SP, et al. **J Biol Chem** 251(20):6294–9, 25 Oct 76

Vitamin K-dependent carboxylase. Solubilization and properties. Esmon CT, et al. **J Biol Chem** 251(20):6238–43, 25 Oct 76

Role of gamma-carboxyglutamic acid. An unusual protein transition required for the calcium-dependent binding of prothrombin to phospholipid. Nelsestuen GL. **J Biol Chem** 251(18):5648–56, 25 Sep 76

Studies of the coagulation and complement systems during experimental Rocky Mountain spotted fever in rhesus monkeys. Mosher DF, et al. **J Infect Dis** 135(6):985–9, Jun 77

Studies in rats on the mechanism by which 6-mercaptopurine inhibits the anticoagulant effect of warfarin. Martini A, et al. **J Pharmacol Exp Ther** 201(3):547–53, Jun 77

Vitamin K, prothrombin and gamma-carboxyglutamic acid [editorial]. Stenflo J. **N Engl J Med** 296(11):624–6, 17 Mar 77

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

Improved procedures for the purification of selected vitamin K-dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38, 1976 (95 ref.)

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

Fibrinogen and its derivatives: cofactors in the intrinsic generation of thrombin. Triantaphyllopoulos DC, et al. **Thromb Haemostas** 35(2):305–13, 30 Apr 76

The influence of the thyroid function on the metabolic rate of prothrombin, factor VII, and factor X in the rat. van Oosterom AT, et al. **Thromb Haemostas** 35(3):607–19, 30 Jun 76

Intermediate product I. of prothrombin proteolysis as a natural factor of the anticoagulating system stimulation. Kudrjashov BA, et al. **Thromb Res** 10(6):775–82, Jun 77

Antithrombin III immunoprecipitation pattern. Mackie I, et al. **Thromb Res** 10(1):159–62, Jan 77

Human thrombin: amino acid sequence of the autocatalytically removed 13 residue A1 peptide. Walz DA, et al. **Thromb Res** 9(3):289–92, Sep 76

[Capacity of activation of so-called deficient factors in hereditary blood coagulation disorders] Mingers AM. **Fortschr Med** 94(30):1723–5, 21 Oct 76 (Eng. Abstr.) **(Ger)**

[Changes of prothrombin activity by plasmin immobilized on L-lysine Sepharose 4B] Baskova IP, et al. **Biokhimiia** 42(2):293–6, Feb 77 (Eng. Abstr.) **(Rus)**

[Prothrombin activation by immobilized thrombin] Strukova SM. **Biokhimiia** 41(4):643–9, Apr 76 (Eng. Abstr.) **(Rus)**

[Role of intermediate products of prothrombin proteolysis by thrombin in the stimulation of the anticoagulation system of blood] Kudriashov BA, et al. **Biull Eksp Biol Med** 82(10):1172–4, Oct 76 (Eng. Abstr.) **(Rus)**

[Clinico-biochemical parallels in current course of scarlet fever] Gordeev NN, et al. **Pediatriia** (1):15–7, Jan 77 **(Rus)**

PHARMACODYNAMICS

Prothrombin complex concentrates and coagulation [letter]. Penner JA. **Ann Intern Med** 85(4):531–2, Oct 76

Studies on the mechanism of heparin action by modification of its structure. Danishefsky I. **Fed Proc** 36(1):33–5, Jan 77

The extract from the tissue of gastric cancer as procoagulant in disseminated intravascular coagulation syndrome. Sakuragawa N, et al. **Thromb Res** 10(3):457–63, Mar 77

[Treatment of hemostasis disorders in liver diseases:prothrombin-complex concentrates] Fischer M. **Z Gastroenterol** 14(6):650–3, Oct 76 (Eng. Abstr.) **(Ger)**

[Stimulation of the reflex response of the anticoagulant system by intermediate product-1 of prothrombin proteolysis] Kudriashov BA, et al. **Fiziol Zh SSSR** 63(4):532–8, Apr 77 (Eng. Abstr.) **(Rus)**

[Factor XIII as a stimulator of thrombin activity] Umarova BA, et al. **Vopr Med Khim** 22(4):562–6, Jul-Aug 76 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Vitamin K-dependent formation of gamma-carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157–72, 1977 (113 ref.)

The gamma-carboxy glutamic acid content of human and bovine prothrombin following warfarin treatment. Esnouf MP, et al. **Biochim Biophys Acta** 490(2):471–6, 22 Feb 77

The prothrombin activation in stored blood. Dejanov II, et al. **God Zb Med Fak Skopje** 22:49–61, 1976

Effect of warfarin on the kinetics of the vitamin K-dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

Prothrombin. Mann KG. **Methods Enzymol** 45:123–56, 1976

Studies on the blood clotting and fibrinolytic system in the plasma from a sei (baleen) whale. Saito H, et al. **Proc Soc Exp Biol Med** 152(4):503–7, Sep 76

[Direct action of extracorporeal circulation on platelets and coagulation factors] Baille Y, et al. **Ann Anesthesiol Fr** 18(1):43–50, 1977 (Eng. Abstr.) **(Fre)**

[Variations in hemostasis in the infant under deep hypothermia] Doutremepuich C, et al. **Ann Anesthesiol Fr** 18(1):62–7, 1977 (Eng. Abstr.) **(Fre)**

STANDARDS

Prothrombin complex concentrates for inhibitor patients [letter]. Penner JA, et al. **JAMA** 237(13):1311–2, 28 Mar 77

THERAPEUTIC USE

Acute coagulopathy following infusion of prothrombin complex concentrate. Davey RJ, et al. **Am J Med** 60(5):719–22, 10 May 76

Prothrombin complex concentrate. DeWitt RT, et al. **Arch Intern Med** 137(9):1211–3, Sep 77

Acquired circulating anticoagulant in classical hemophilia: treatment with prothrombin concentrate. Rosen R, et al. **Ariz Med** 34(5):340–2, May 77

Successful treatment with prothrombin complex concentrate of postoperative bleeding in a haemophiliac with a factor VIII inhibitor. Lowe GD, et al. **Br Med J** 2(6044):1110–1, 6 Nov 76

Antihemophilic factor inhibitors. Management with prothrombin complex concentrates. Kelly P, et al. **JAMA** 236(18):2061–4, 1 NOV 76

Characteristics and thrombogenicity of prothrombin complex concentrates. Sakuragawa N, et al. **Thromb Res** 10(2):315–8, Feb 77

[Emergency treatment of haemophilia A with factor VIII inhibitors using activated prothrombin complex concentrates (author's transl)] Rasche H, et al. **Dtsch Med Wochenschr** 102(9):319–23, 4 Mar 77 (Eng. Abstr.) **(Ger)**

[Treatment of hemostasis disorders in liver diseases:prothrombin-complex concentrates] Fischer M. **Z Gastroenterol** 14(6):650–3, Oct 76 (Eng. Abstr.) **(Ger)**

PROTHROMBIN TIME

The concomitant use of suloctidil and a long-acting oral anticoagulant. Verhaeghe R, et al. **Acta Clin Belg** 32(1):36–8, 1977

Normotest--thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex and in coumarin-treated patients: a nonspecific phenomenon. Girolami A, et al. **Am J Clin Pathol** 67(1):57–60, Jan 77

The prediction of prothrombin time system performance using secondary standards. Koepke JA, et al. **Am J Clin Pathol** 68(1 Suppl):191–4, Jul 77

Evaluation of a single-channel photo-optical clot-timing instrument. Weisbrot IM, et al. **Am J Clin Pathol** 68(3):361–7, Sep 77

A chlorpromazine-induced inhibitor of blood coagulation. Canoso RT, et al. **Am J Hematol** 2(2):183–91, 1977

Acute coagulopathy following infusion of prothrombin complex concentrate. Davey RJ, et al. **Am J Med** 60(5):719–22, 10 May 76

Coagulation studies of viral hepatitis occurring during pregnancy. Adams WH, et al. **Am J Med Sci** 272(2):139–45, Sep-Oct 76

The effects of operative stress on the coagulation profile. Collins GJ Jr, et al. **Am J Surg** 133(5):612–6, May 77

Toxic effects of aflatoxin B1 in male Holstein calves with prior infection by flukes (Fasciola hepatica). Osuna O, et al. **Am J Vet Res** 38(3):341–9, Mar 77

Acquired coagulation factor X activity deficiency connected with Hymenoxys odorata DC (Compositae), bitterweed poisoning in sheep. Steel EG, et al. **Am J Vet Res** 37(12):1383–6, Dec 76

Management of anticoagulation in outpatients: experience with an anticoagulation service in a municipal hospital setting. Davis FB, et al. **Arch Intern Med** 137(2):197–202, Feb 77

Patency of venous grafts in small veins: influence of aspirin and warfarin sodium. Friedman EW, et al. **Arch Surg** 112(9):1072–3, Sep 77

The lupus anticoagulant. Boxer M, et al. **Arthritis Rheum** 19(6):1244–8, Nov-Dec 76

The apparent absence of involvement of biotin in the vitamin K-dependent carboxylation of glutamic acid residues of proteins. Friedman PA, et al. **Biochem J** 163(1):39–43, 1 Apr 77

Detection of factor VIII inhibitors with the partial thromboplastin time. Lossing TS, et al. **Blood** 49(5):793–7, May 77

Factor V activity of platelets: evidence for an activated factor V molecule and for a platelet activator. Osterud B, et al. **Blood** 49(5):819–34, May 77

Prothrombin response to phenindione during hypoalbuminaemia [letter]. Varma DR, et al. **Br J Clin Pharmacol** 2(5):467–8, Oct 75

Antipyrine, paracetamol, and lignocaine elimination in chronic liver disease. Forrest JA, et al. **Br Med J** 1(6073):1384–7, 28 May 77

Values of three coagulation screening tests of precolostral calves. Border M. **Can J Comp Med** 40(3):265–9, Jul 76

Pathophysiology of hypoalbuminemia associated with carcinoid tumor. Mariani G, et al. **Cancer** 38(2):854–60, Aug 76

Clinical usefulness of measuring prothrombin time as a routine admission test. Eisenberg JM, et al. **Clin Chem** 22(10):1644–7, Oct 76

Usefulness of routine prothrombin-time measurements [letter]. Owen CA. **Clin Chem** 23(3):613, Mar 77

Plasma short-chain fatty acids in fulminant hepatic failure. Lai JC, et al. **Clin Chim Acta** 78(2):305–10, 15 Jul 77

Comparative hematology--studies on Camelidae. Lewis JH. **Comp Biochem Physiol [A]** 55(4A):367–71, 1976

Anticoagulant therapy: questions and answers. Sherry S. **Compr Ther** 2(12):58–65, Dec 76

Disseminated intravascular coagulation complicating aflatoxicosis in dogs. Greene CE, et al. **Cornell Vet** 67(1):29–49, Jan 77

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

Equivalency of two lots of heparin and their effects on various coagulation tests. Heinrich RA, et al. **Curr Ther Res** 20(5):725–34, Nov 76

Hemorrhagic femoral neuropathy: report of a case due to anticoagulant [letter]. Gilbert GJ, et al. **Dis Nerv Syst** 38(5):365, May 77

Anticoagulant effect and plasma kinetics of fluorophenindione after a single dose in man. Tillement JP, et al. **Eur J Clin Pharmacol** 8(3–4):271–5, 4 Apr 75

Evaluation in dogs of cross-circulation in the treatment of acute hepatic necrosis induced by yellow phosphorus. Burnell JM, et al. **Gastroenterology** 71(5):827–31, Nov 76

Chronic diffuse intravascular coagulation (DIC) in nonmetastatic ovarian cancer: report of a case and review of the literature. Siegman-Igra Y, et al. **Gynecol Oncol** 5(1):92–100, Mar 77

Thrombosis on Björk-Shiley aortic valve prosthesis. A case report and review of the literature. Krausz Y, et al. **Isr J Med Sci** 13(4):410–3, Apr 77

Dysfibrinogenemia associated with liver disease. Palascak JE, et al. **J Clin Invest** 60(1):89–95, Jul 77

Factor VII as a marker of hepatocellular synthetic function in liver disease. Green G, et al. **J Clin Pathol** 29(11):971–5, Nov 76

A new coagulation defect associated with a case of melanomatosis. Phillips JD, et al. **J Clin Pathol** 30(6):547–50, Jun 77

Warfarin elimination and responsiveness in patients with renal dysfunction. Bachmann K, et al. **J Clin Pharmacol** 17(5–6):292–9, May–Jun 77

Quantitative venographic assessment of deep vein thrombosis in the evaluation of streptokinase and heparin therapy. Marder VJ, et al. **J Lab Clin Med** 89(5):1018–29, May 77

An educational program to modify laboratory use by house staff. Eisenberg JM. **J Med Educ** 52(7):578–81, Jul 77

Effect of high levels of dietary vitamin E on hematological indices and biochemical parameters in rats. Jack Yang NY, et al. **J Nutr** 107(8):1410–7, Aug 77

Studies in rats on the mechanism by which 6-mercaptopurine inhibits the anticoagulant effect of warfarin. Martini A, et al. **J Pharmacol Exp Ther** 201(3):547–53, Jun 77

Effect of warfarin on the kinetics of the vitamin K-dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

Hemarthrosis associated with sodium warfarin. Jaffer AM, et al. **J Rheumatol** 4(2):215–7, Summer 77

A coagulopathy of the owl monkey (Aotus trivirgatus) associated with high antithrombin III activity. Loeb WF, et al. **Lab Anim Sci** 26(6 Pt 2):1084–7, Dec 76

Von Willebrand disease San Diego [letter]. Veltkamp JJ, et al. **Lancet** 2(7991):909, 23 Oct 76

Quantitative bleeding time (hemorrhagometry). A review. Sutor AH, et al. **Mayo Clin Proc** 52(4):238–40, Apr 77

Trousseau's syndrome and other manifestations of chronic disseminated coagulopathy in patients with neoplasms: clinical, pathophysiologic, and therapeutic features. Sack GH Jr, et al. **Medicine (Baltimore)** 56(1):1–37, Jan 77

Hematology: part IX. Coagulation studies: part II. Tests of plasma-clotting factors. Byrne J. **Nursing (Jenkintown)** 7(6):24–5, Jun 77

Congenital release thrombocytopathy: pathophysiology and management. Adashi E, et al. **Obstet Gynecol** 48(4):403–6, Oct 76

Reye's syndrome: relapses and neurological sequelae. van Caillie M, et al. **Pediatrics** 59(2):245–9, Feb 77

Interaction between warfarin and sulphamethoxazole. Tilstone WJ, et al. **Postgrad Med J** 53(621):388–90, Jul 77

Effects of penicillin G and cephalothin on platelet function in vivo. Cazenave JP, et al. **Proc Soc Exp Biol Med** 152(4):641–4, Sep 76

Studies on the blood clotting and fibrinolytic system in the plasma from a sei (baleen) whale. Saito H, et al. **Proc Soc Exp Biol Med** 152(4):503–7, Sep 76

A human brain thromboplastin standard for distribution in South Africa. Bradlow BA, et al. **S Afr Med J** 50(50):1989–92, 20 Nov 76

Impaired anticoagulant effect of heparin in the artificial kidney. An experimental study. Björnson J, et al. **Scand J Clin Lab Invest** 36(6):581–9, Oct 76

Infusion of human and canine factor VIII in dogs with von Willebrand's disease: studies of the von Willebrand and factor VIII synthesis stimulating factors. Bouma BN, et al. **Scand J Haematol** 17(4):263–75, Oct 76

The effect of phospholipase C on rat blood platelets in vivo. Gierckskey KE. **Scand J Haematol** 18(3):219–25, Mar 77

Alteration of primary hemostasis in hemophiliacs after treatment with lyophilized antihemophilic globulin. Sutor AH, et al. **Scand J Haematol** (30):33–9, 1977

Intravascular coagulation in surgical procedures on the abdominal aorta. Mulcare RJ, et al. **Surg Gynecol Obstet** 143(5):730–4, Nov 76

Blood surface interactions in extravascular salvageable blood pools. Rakower SR. **Surg Gynecol Obstet** 145(4):555–8, Oct 77

Molecular variant of factor VII. Briët E, et al. **Thromb Haemostas** 35(2):289–94, 30 Apr 76

Kinetic aspects of the interaction of blood clotting enzymes. VII. The relation between clotting time and prothrombin concentration. Hemker HC, et al. **Thromb Haemostas** 37(1):81–5, 28 Feb 77

The prothrombin time test: effect of varying citrate concentration. Ingram GI, et al. **Thromb Haemostas** 36(1):230–6, 31 Aug 76

Marathon run I: effects on blood coagulation and fibrinolysis. Mandalaki T, et al. **Thromb Haemostas** 37(3):444–50, 30 Jun 77

Comparative studies of coagulative and fibrinolytic faculties between the Japanese monkey and the human. Suzuki K, et al. **Thromb Haemostas** 37(2):233–42, 30 Apr 77

Regulation of the thrombin time in cirrhosis. Braunstein KM, et al. **Thromb Res** 9(4):301–17, Oct 76

Influences on the formation and structure of fibrin. Carlin G, et al. **Thromb Res** 9(6):623–36, Dec 76

An abnormal fibrinogen in a Venezuelan family. de Bosch NB, et al. **Thromb Res** 10(2):253–65, Feb 77

Thrombin time prolongation in cirrhosis in relation to enhanced fibrinogen degradation [letter]. Lipinski B, et al. **Thromb Res** 10(1):185–7, Jan 77

Hemorrhagic diathesis in Weber-Christian disease. Mori K, et al. **Tohuku J Exp Med** 118 Suppl:227–43, 1976

The diagnosis of hemostatic disorders. Kociba GJ. **Vet Clin North Am** 6(4):609–23, Nov 76

Laboratory diagnosis of hepatic disease. Schall WD. **Vet Clin North Am** 6(4):679–86, Nov 76

[Prolonged bleeding time] Hayet M. **Soins** 22(5):25–9, 5 Mar 77 **(Fre)**

[Studies on the interactions of chlordiazepoxide, nitrazepam, and diazepam with phenprocoumon (author's transl)] Kinawi A, et al. **Arzneim Forsch** 26(11):2019–23, 1976 **(Ger)**

[Quality control and standardization of prothrombin time determination for control of oral anticoagulants] Loeliger EA, et al. **Blut** 34(2):147–57, Feb 77 **(Ger)**

[Dynamics of blood coagulation disorders in traumatic-hemorrhagic shock] Sefrin P, et al. **Chirurg** 48(4):227–31, Apr 77 (Eng. Abstr.) **(Ger)**

[Screening and rapid tests in diagnosis of hemostasis disorders] Matthias FR. **Internist (Berlin)** 17(9):430–5, Sep 76 **(Ger)**

[Coagulation abnormalities in the patients with malignant tumours of the larynx and pharynx (author's transl)] Nikšić M, et al. **Laryngol Rhinol Otol (Stuttg)** 55(5):414–9, May 76 (Eng. Abstr.) **(Ger)**

[The pathogenesis of postoperative abdominal wound dehiscence. Part II: Hemostasiological checks during the course in selected patient groups (author's transl)] Schramm W, et al. **Munch Med Wochenschr** 119(20):690–4, 20 May 77 (Eng. Abstr.) **(Ger)**

[Effect of alclofenac on the prothrombin level in patients under treatment with anticoagulants] Kaufmann E. **Schweiz Med Wochenschr** 107(25):882–7, 25 Jun 77 (Eng. Abstr.) **(Ger)**

[Hepatorenal syndrome] Triolo R, et al. **Minerva Med** 68(26):1789–808, 26 May 77 (Eng. Abstr.) **(Ita)**

[Hepato-Quick: a new diagnostic test for liver diseases (author's transl)] Vallini A, et al. **Quad Sclavo Diagn** 12(1):67–78, Mar 76 (Eng. Abstr.) **(Ita)**

[Determination of prothrombin] Yasunaga K. **Jpn J Clin Med** 34 suppl:2433–43, 1976 (38 ref.) **(Jpn)**

[Blood fibrinolytic activity in patients with hyperthrombocytosis in rheumatoid arthritis] Hryszko S, et al. **Reumatologia** 15(2):193–7, 1977 (Eng. Abstr.) **(Pol)**

[Hemorrhagic disease of the newborn. Analysis of 50 cases] Cetina Sauri G, et al. **Bol Med Hosp Infant Mex** 34(2):399–406, Mar–Apr 77 (Eng. Abstr.) **(Spa)**

METHODS

The 'echis carinatus venom' prothrombin assay in coumarin treated patients. A comparison with one-stage and immunological assays. Girolami A, et al. **Folia Haematol (Leipz)** 103(5):746–57, 1976

Reference method for the one-stage prothrombin time test on hlman blood. International committee for standardization in hematology. Ingram GI, et al. **Thromb Haemostas** 36(1):237–8, 31 Aug 76

STANDARDS

[Oral anticoagulation. Quality control and standardization of the prothrombin time determination] Riva G, et al. **Schweiz Med Wochenschr** 106(24):809–12, 12Jun 76 **(Ger)**

PURPURA, THROMBOPENIC

The clot: idiopathic thrombocytopenic purpura. Kurnick JE.

Rocky Mt Med J 74(3):142–5, May–Jun 77

[Idiopathic thrombocytopenic purpura (editorial)] Karle H. **Ugeskr Laeger** 139(2):89–90, Jan 77 **(Dan)**

[Clinical picture, pathophysiology and therapy of idiopathic thrombocytopenic purpura (author's transl)] Mueller-Eckhardt C. **Immun Infekt** 4(6):267–75, Dec 76 **(Ger)** (Eng. Abstr.)

[Idiopathic thrombocytopenic purpura in children] Meberg A. **Tidsskr Nor Laegeforen** 96(30):1596–9, 30 Oct 76 (Eng. Abstr.) **(Nor)**

[Werlhof's disease] Kushch NL, et al. **Klin Khir** (7):26–9, Jul 76 (Eng. Abstr.) **(Rus)**

[Idiopathic thrombocytopenic purpura. Laboratory and clinical analysis] Ramos D, et al. **Rev Chil Pediatr** 46(5–6):475–9, Sep–Dec 75 **(Spa)**

[Kassaback-Merrit syndrome in diffuse mesenteric engiomatosis and giant splenomegaly] Vicente García V, et al. **Rev Med Univ Navarra** 18(3–4):178–84, Sep–Dec 74 **(Spa)**

[Idiopathic thrombocytopenic purpura in children (author's transl)] Jiménez F E, et al. **Sangre (Barc)** 22(3):324–31, 1977 (Eng. Abstr.) **(Spa)**

[Idiopathic thrombocytopenic purpura in childhood. A study of one-hundred and seventy cases (author's transl)] Ortega JJ, et al. **Sangre (Barc)** 22(2):169–90, 1977 (Eng. Abstr.) **(Spa)**

BLOOD

Localization of factor VIII/Von Willebrand protein on platelets. Electron microscopy study with peroxidase-labelled antibodies. pp. 479–85. Jeanneau C, et al.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.

Idiopathic thrombocytopenic purpura with low leucocyte ascorbate [letter]. Ashford RF, et al. **Lancet** 2(7999):1360, 18 Dec 76

Red-cell and platelet fragmentation in idiopathic autoimmune thrombocytopenic purpura. Zucker-Franklin D, et al. **N Engl J Med** 297(10):517–23, 8 Sep 77

New approaches to determination of specific functions of platelet membrane sites. Tobelem G, et al. **Nature** 263(5576):427–9, 30 Sep 76

A rapid method for assessing megathrombocytes: its application to thrombocytotic and acquired thrombocytopenic states. Hunt FA. **Pathology** 8(1):47–55, Jan 76

Garcia's disease. Cyclic thrombocytopenic purpura in a child and abnormal platelet counts in his family. Aranda E, et al. **Scand J Haematol** 18(1):39–46, Jan 77

ADP, ristocetin, bovine factor VII and thrombasthenic platelets [letter]. Miragliotta G, et al. **Thromb Haemostas** 36(1):286–8, 31 Aug 76

Fibrinogen/fibrin degradation products in serum of patients with idiopathic thrombocytopenic purpura: elevated levels during severe thrombocytopenic phase of the disease. Nagasawa T, et al. **Thromb Haemostas** 35(3):628–34, 30 Jun 76

Evidence that platelet density and volume are not related to aging. Boneu B, et al. **Thromb Res** 10(3):475–86, Mar 77

[Thrombocyte kinetic results as expression of the functional situation of RES (author's transl)] Hillscher A, et al. **Radiobiol Radiother (Berl)** 18(2):201–6, 1977 (Eng. Abstr.) **(Ger)**

CHEMICALLY INDUCED

Thrombocytopenic purpura during treatment with Librax. Celada A, et al. **Br Med J** 1(6056):268, 29 Jan 77

Quinaband-induced thrombocytopenic purpura in a patient with myxoedema coma. Khaleeli AA. **Br Med J** 2(6035):562–3, 4 Sep 76

Thrombocytopenic purpura following iopanoic acid ingestion. Hysell JK, et al. **JAMA** 237(4):361–2, 24 Jan 77

Thrombocytopenic purpura secondary to quinidine hypersensitivity. Salman SJ, et al. **Oral Surg** 44(1):45–8, Jul 77

['Immuno-allergic' complications of rifampicin therapy] Bessot JC, et al. **Poumon Coeur** 33(2):107–15, 1977 (Eng. Abstr.) **(Fre)**

[Drugs and hematologic toxicity] Marcelli A. **Sem Hop Paris** 53(8):497–502, 23 Feb 77 (Eng. Abstr.) **(Fre)**

[Multiple manifestations of intolerance in association with anti-inflammatory agents. Role of phenylbutazone] Tolot F, et al. **Sem Hop Ther** 52(3):185–90, Mar 76 (52 ref.) **(Fre)**

[Acute thrombocytopenic purpura following glibenclamide medication] Flenker I, et al. **Med Welt** 28(3):127–8, 21 Jan 77 **(Ger)**

COMPLICATIONS

Thrombocytopenic purpura as the sole manifestation of recurrence in Hodgkin's disease. Weitzman S, et al. **Acta Haematol (Basel)** 58(3):129–33, 1977

Idiopathic thrombocytopenic purpura in children: should corticosteroids be given? McClure PD. **Am J Dis Child** 131(3):357–9, Mar 77

Graves' disease, myasthenia gravis, and purpura [letter] Pinals RS, et al. **Ann Intern Med** 87(2):250, Aug 77

Hashimoto's thyroiditis, myasthenia gravis, idiopathic thrombocytopenic purpura [letter]. Segal BM, et al. **Ann Intern Med** 85(6):761–3, Dec 76

[Congenital venous dysplasia of the right lower limb associated with Kasabach-Merritt syndrome in a 14 year old child. Successive destruction of the knee and hip. Conservative treatment] Bergoin M, et al. **Chirurgie** 102(1):68–75, 14–28 Jan 76 (Eng. Abstr.)

Profile of cerebrovascular accidents in the young [letter]. Singh RB. **J Assoc Physicians India** 24(4):267–8, Apr 76

Management of intracerebral hemorrhage in idiopathic thrombocytopenic purpura. Report of four cases. Humphreys RP, et al. **J Neurosurg** 45(6):700–4, Dec 76

Parotid calcifications and cementomas in a patient with Sjögren's syndrome and idiopathic thrombocytopenic purpura. Nichols C, et al. **J Oral Pathol** 6(1):51–60, Jan 77

Coexistent hemophilia A and idiopathic thrombocytopenic purpura. Hruby MA. **J Pediatr** 90(5):773–5, May 77

Idiopathic thrombocytopenic purpura manifesting as gingival hypertrophy: case report. McKelvy B, et al. **J Periodontol** 47(11):661–3, Nov 76

Pregnancy complicated by refractory idiopathic thombocytopenic purpura and diabetes mellitus. Gowda VV, et al. **J Reprod Med** 19(3):147–50, Sep 77

Idiopathic thrombocytopenic purpura in patients with histoplasmosis. Armitage JO, et al. **JAMA** 237(21):2323–4, 23 May 77

Idiopathic thrombocytopenic purpura with low leucocyte ascorbate [letter]. Ashford RF, et al. **Lancet** 2(7999):1360, 18 Dec 76

Immune thrombocytopenic purpura: an overview. Amaral BW. **Postgrad Med** 61(4):197–202, Apr 77

Iidiopathic thrombocytopenic purpura and autoimmune thyroid disease. Dove AF, et al. **Practitioner** 218(1306):550–2, Apr 77

Idiopathic thrombocytopenic purpura and hyperthyroidism: a case report. Gétaz EP, et al. **S Afr Med J** 52(7):284–5, 6 Aug 77

Management of idiopathic thrombocytopenic purpura in the adult. Lacey JV, et al. **Semin Thromb Hemostas** 3(3):160–74, Jan 77 (67 ref.)

[Thrombopenic purpura detected in a case of cytomegalic inclusion disease of adults (letter)] Dor JF, et al. **Nouv Presse Med** 6(27):2441–2, 2–9 Jul 77 **(Fre)**

Kasabach-kasabach- Vergoz D, et al. **Phlebologie** 29(1):33–7, Jan-Mar 76 (Eng. Abstr.) **(Fre)**

[Intracranial hemorrhage in idiopathic thrombocytopenic purpura (ITP) (author's transl)] Mutz I, et al. **Klin Paediatr** 188(6):548–51, Nov 76 (Eng. Abstr.) **(Ger)**

[A case of thrombocytopenic purpura with hyperthyroidism complicated by enlarged thymus (author's transl)] Sugiura K, et al. **Jpn J Clin Hematol** 18(1):66–72, Jan 77 (Eng. Abstr.) **(Jpn)**

[Mediastinal neoplasm associated with thrombocytopenic purpura and pure red cell anemia] Ohta M, et al. **Jpn J Thorac Surg** 29(10):750–4, 1 Oct 76 (Eng. Abstr.) **(Jpn)**

[Successful treatment of severe Kasabach-Merritt syndrome with consumption coagulopathy] Wójtowicz M, et al. **Pediatr Pol** 51(10):1229–32, Oct 76 **(Pol)**

[Case of disseminated tuberculosis complicated by Werlhof's symptom complex] Sementsov IIa, et al. **Probl Tuberk** (1):87–8, Jan 77 **(Rus)**

[Relation between the exocrine function of the pancreas and the thrombocyte count inperipheral blood] Mitropol'skii AN, et al. **Ter Arkh** 49(2):88–91, 1977 **(Rus)**

[Meteorotropic pathology of hemorrhagic diseases in childhood] Mazurin AV, et al. **Vopr Okhr Materin Det** 21(4):33–6, Apr 76 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Immunoglobulins in idiopathic thrombocytopenic purpura in childhood. Khalifa AS, et al. **Acta Haematol (Basel)** 56(4):205–11, 1976

Hemangioma thrombocytopenia syndrome. A case

masquerading as an encephalocele. Orenstein DM, et al. **Am J Dis Child** 131(6):680–1, Jun 77

Thrombotic thrombocytopenic purpura associated with pregnancy. May HV Jr, et al. **Am J Obstet Gynecol** 126(4):452–8, 15 Oct 76

Thrombocytopenia in infancy: an evaluation of 53 patients. Cohn J. **Dan Med Bull** 23(5):245–8, Oct 76

The clot: idiopathic thrombocytopenic purpura. Kurnick JE. **Rocky Mt Med J** 74(3):142–5, May–Jun 77

Management of idiopathic thrombocytopenic purpura in the adult. Lacey JV, et al. **Semin Thromb Hemostas** 3(3):160–74, Jan 77 (67 ref.)

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C. **Semin Thromb Hemostas** 3(3):125–59, Jan 77 (165 ref.)

[Idiopathic thrombocytopenic purpura (editorial)] Karle H. **Ugeskr Laeger** 139(2):89–90, Jan 77 **(Dan)**

[Value of the etiocholanolone test in Hematology. Preliminary results (68 tests)] Gorin NC, et al. **Nouv Presse Med** 6(18):1547–50, 30 Apr 77 **(Fre)**

[Clinics and genetics of Glanzmann's thrombasthenia (author's translation)] Lévy JM, et al. **Nouv Rev Fr Hematol** 16(3):399–405, 1976 (Eng. Abstr.) **(Fre)**

[Clinical picture, pathophysiology and therapy of idiopathic thrombocytopenic purpura (author's transl)] Mueller-Eckhardt C. **Immun Infekt** 4(6):267–75, Dec 76 (Eng. Abstr.) **(Ger)**

[Intermittent thrombocytopenic purpura. Report of cases at the Clinica Pediatrica of the Genoa University] **Minerva Pediatr** 29(5):277–84, 18 Feb 77 (Eng. Abstr.) **(Ita)**

[Clinical contribution on the Kasabach-Merritt syndrome] Ciardini A, et al. **Minerva Pediatr** 29(14):1017–20, 21 Apr 77 (Eng. Abstr.) **(Ita)**

[Autoallergic hematologic diseases] Hancock BW, et al. **Recent Prog Med (Roma)** 61(2):163–78, Aug 76 (Eng. Abstr.) **(Ita)**

[Werlhof's disease] Kushch NL, et al. **Klin Khir** (7):26–9, Jul 76 (Eng. Abstr.) **(Rus)**

[Idiopathic thrombocytopenic purpura. Laboratory and clinical analysis] Ramos D, et al. **Rev Chil Pediatr** 46(5–6):475–9, Sep–Dec 75 **(Spa)**

[Thrombasthenia: Clinical study and platelet function tests in 3 cases] Larrain C, et al. **Rev Med Chil** 101(12):961–5, Dec 73 (Eng. Abstr.) **(Spa)**

[Idiopathic thrombocytopenic purpura in children (author's transl)] Jiménez F E, et al. **Sangre (Barc)** 22(3):324–31, 1977 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Idiopathic thrombocytopenic purpura in children: should corticosteroids be given? McClure PD. **Am J Dis Child** 131(3):357–9, Mar 77

Childhood idiopathic thrombocytopenic purpura. Zuelzer WW, et al. **Am J Dis Child** 131(3):360–2, Mar 77

Idiopathic thrombocytopenic purpura in Hodgkin's disease after splenectomy. Julia A, et al. **Am J Hematol** 1(1):115–20, 1976

Treatment of refractory thrombocytopenic purpura with cyclophosphamine. Verlin M, et al. **Am J Hematol** 1(1):97–104, 1976

Treatment of idiopathic thrombocytopenic purpura (ITP). Ahn YS, et al. **Annu Rev Med** 28:299–309ENG, 1977 (74 ref.)

Responses to cinvristine in refractory idiopathic thrombocytopenic purpura. Burton IE, et al. **Br Med J** 2(6041):918, 16 Oct 76

More on vincristine in treatment of ITP in children [letter] Massimo L, et al. **N Engl J Med** 297(7):397–8, 18 Aug 77

Treatment of refractory thrombocytopenia [letter]. Penner JA, et al. **N Engl J Med** 296(5):286, 3 Feb 77

Clinical immunology of the corticosteroids. Schreiber AD. **Prog Clin Immunol** 3:103–14, 1977 (60 ref.)

The clot: idiopathic thrombocytopenic purpura. Kurnick JE. **Rocky Mt Med J** 74(3):142–5, May–Jun 77

Idiopathic thrombocytopenic purpura and hyperthyroidism: a case report. Gétaz EP, et al. **S Afr Med J** 52(7):284–5, 6 Aug 77

Sclerosing reticulum cell sarcoma following prolonged treatment with azathioprine for idiopathic thrombocytopenic purpura. Nord E, et al. **Scand J Haematol** 17(5):321–5, Nov 76

Idiopathic thrombocytopenic purpura in children. Lusher JM, et al. **Semin Thromb Hemostas** 3(3):175–99, Jan 77 (198 ref.)

Kasabach-kasabach- Vergoz D, et al. **Phlebologie** 29(1):33–7, Jan–Mar 76 (Eng. Abstr.) **(Fre)**

[Intracranial hemorrhage in idiopathic thrombocytopenic purpura (ITP) (author's transl)] Mutz I, et al. **Klin Paediatr** 188(6):548–51, Nov 76 (Eng. Abstr.) **(Ger)**

[Vincristine for idiopathic thrombocytopenic purpura] Yakar D, et al. **Harefuah** 92(9):402–3, 1 May 77 (Eng. Abstr.) **(Heb)**

[Gamma globulins in the therapy of thrombocytopenia] Chiave P. **Minerva Pediatr** 29(18):1227–9, 19 May 77 **(Ita)**

[Idiopathic thrombocytopenic purpura in children] Meberg A. **Tidsskr Nor Laegeforen** 96(30):1596–9, 30 Oct 76 (Eng. Abstr.) **(Nor)**

[Idiopathic thrombocytopenic purpura in children (author's transl)] Jiménez F E, et al. **Sangre (Barc)** 22(3):324–31, 1977 (Eng. Abstr.) **(Spa)**

[Immunodepression in chronic idiopathic thrombocytopenic purpura (author's transl)] Miranda AA, et al. **Sangre (Barc)** 22(2):141–7, 1977 (Eng. Abstr.) **(Spa)**

[Idiopathic thrombocytopenic purpura in childhood. A study of one-hundred and seventy cases (author's transl)] Ortega JJ, et al. **Sangre (Barc)** 22(2):169–90, 1977 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Human spleen heme oxygenase in normal, hemolytic and other pathological states. Schacter BA, et al. **Ann Clin Res** 8 Suppl 17:28–34, 1976

Terminal deoxynucleotidyltransferase distribution in neoplastic and hematopoietic cells. Greenwood MF, et al. **J Clin Invest** 59(5):889–99, May 77

ETIOLOGY

Thrombocytopenic purpura as the sole manifestation of recurrence in Hodgkin's disease. Weitzman S, et al. **Acta Haematol (Basel)** 58(3):129–33, 1977

Post-transfusion thrombocytopenic purpura: a case report. Howard JE, et al. **Am J Hematol** 1(3):339–42, 1976

Idiopathic thrombocytopenic purpura in Hodgkin's disease after splenectomy. Julia A, et al. **Am J Hematol** 1(1):115–20, 1976

Post-transfusion purpura revisted [letter]. Eisenberg PD, et al. **N Engl J Med** 296(9):515–6, 3 Mar 77

Immune thrombocytopenic purpura: an overview. Amaral BW. **Postgrad Med** 61(4):197–202, Apr 77

Typhoid fever presenting as immune thrombocytopenic purpura [letter]. Gétaz EP, et al. **S Afr Med J** 51(1):3, 1 Jan 77

Idiopathic thrombocytopenic purpura in children. Lusher JM, et al. **Semin Thromb Hemostas** 3(3):175–99, Jan 77 (198 ref.)

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C. **Semin Thromb Hemostas** 3(3):125–59, Jan 77 (165 ref.)

[Idiopathic thrombocytopenic purpura (editorial)] Karle H. **Ugeskr Laeger** 139(2):89–90, Jan 77 **(Dan)**

[Posttransfusion purpura. An unusual and rare transfusion complication] Willumsen L, et al. **Ugeskr Laeger** 139(22):1293–5, 30 May 77 (Eng. Abstr.) **(Dan)**

[Various aspects of cytomegalovirus infection in the adult] Arlaud J, et al. **Sem Hop Paris** 53(24):1439–46, 23 Jun 77 **(Fre)**

[Hyperthyroidism associated with thrombocytopenic purpura] Popa G, et al. **Rev Med Intern [Med Intern]** 28(4):255–60, Jul–Aug 76 (Eng. Abstr.) **(Rum)**

[Role of the functional incompetence of the thrombocytes in the etiology of Werlhof's disease] Iurlov VM. **Probl Gematol Pereliv Krovi** 22(3):23–6, Mar 77 (Eng. Abstr.) **(Rus)**

[Role of heredity in the pathogenesis of idiopathic thrombocytopenic purpura in children] Shabalov NP. **Vopr Okhr Materin Det** 21(4):24–30, Apr 76 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Immunological disorders and malignancies in five young brothers. Purtilo DT, et al. **Arch Dis Child** 52(4):310–3, Apr 77

Thromboxane synthesis and the platelet release reaction in Bernard-Soulier syndrome, thrombasthenia Glanzmann and Hermansky-Pudlak syndrome. Malmsten C, et al. **Br J Haematol** 35(4):511–520, Apr 77

Localization of factor VIII/Von Willebrand protein on platelets. Electron microscopy study with peroxidase-labelled antibodies. pp. 479–85. Jeanneau C, et al.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.

Platelet membrane defects in Glanzmann's thrombasthenia. Evidence for decreased amounts of two major glycoproteins. Phillips DR, et al. **J Clin Invest** 60(3):535–45,

Sep 77
[Abnormal tissue repair in Glanzmann's thrombasthenia [letter]. Remuzzi G, et al. **Lancet** 1(8007):374–5, 12 Feb 77
Garcia's disease. Cyclic thrombocytopenic purpura in a child and abnormal platelet counts in his family. Aranda E, et al. **Scand J Haematol** 18(1):39–46, Jan 77
[Megakaryocytes and platelets in congenital thrombopathies] Boisseau MR, et al. **Nouv Rev Fr Hematol** 16(3):427–6, 1976 (Eng. Abstr.) **(Fre)**
[The receptor of adenosine–dephosphate on the human platelet membrane (author's translation)] Legrand C, et al. **Nouv Rev Fr Hematol** 16(3):391–8, 1976 (Eng. Abstr.) **(Fre)**
[Clinics and genetics of Glanzmann's thrombasthenia (author's translation)] Lévy JM, et al. **Nouv Rev Fr Hematol** 16(3):399–405, 1976 (Eng. Abstr.) **(Fre)**
Clinical and biological studies in the Bernard–Soulier syndrome (author's trans)] Tobelem G. **Nouv Rev Fr Hematol** 16(3):407–11, 1976 (Eng. Abstr.) **(Fre)**
[Thrombocytopenic purpura in suckling pigs from 3 litters of the same parent animals] Häni H. **Schweiz Arch Tierheilkd** 118(8):347–50, Aug 76 (Eng. Abstr.) **(Ger)**
[Blood platelet disorders. I. Genetically determined syndrome] Michalski R, et al. **Acta Haematol Pol** 8(1):49–55, Jan–Mar 77 (30 ref.) **(Pol)**
[Role of heredity in the pathogenesis of idiopathic thrombocytopenic purpura in children] Shabalov NP. **Vopr Okhr Materin Det** 21(4):24–30, Apr 76 (Eng. Abstr.) **(Rus)**
[Thrombasthenia: Clinical study and platelet function tests in 3 cases] Larrain C, et al. **Rev Med Chil** 101(12):961–5, Dec 73 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Immunoglobulins in idiopathic thrombocytopenic purpura in childhood. Khalifa AS, et al. **Acta Haematol (Basel)** 56(4):205–11, 1976
The management of the pregnant patient with idiopathic thrombocytopenic purpura. Murray JM, et al. **Am J Obstet Gynecol** 126(4):449–51, 15 Oct 76
Animal model: canine and equine immune-mediated thrombocytopenia, and idiopathic thrombocytopenic purpura. Dodds WJ. **Am J Pathol** 86(2):489–91, Feb 77
Hashimoto's thyroiditis, myasthenia gravis, idiopathic thrombocytopenic purpura [letter]. Segal BM, et al. **Ann Intern Med** 85(6):761–3, Dec 76
Platelet-associated IgG in immune thrombocytopenic purpura. Luiken GA, et al. **Blood** 50(2):317–25, Aug 77
HLA matching in autoimmune thrombocytopenic purpura [letter]. Goebel KM, et al. **Br J Haematol** 35(2):341–2, Feb 77
The occurrence of circulating immune complexes and viral antigens in idiopathic thrombocytopenic purpura. Lurhuma AZ, et al. **Clin Exp Immunol** 28(1):49–55, Apr 77
Red-cell and platelet fragmentation in idiopathic autoimmune thrombocytopenic purpura. Zucker-Franklin D, et al. **N Engl J Med** 297(10):517–23, 8 Sep 77
Immune thrombocytopenic purpura: an overview. Amaral BW. **Postgrad Med** 61(4):197–202, Apr 77
Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C. **Semin Thromb Hemostas** 3(3):125–59, Jan 77 (165 ref.)
The problem of platelet autoantibodies. I. Evaluation of the platelet factor 3 availability test for their detection. Mueller-Eckhardt C, et al. **Vox Sang** 33(4):221–33, Oct 77
[Clinics and genetics of Glanzmann's thrombasthenia (author's translation)] Lévy JM, et al. **Nouv Rev Fr Hematol** 16(3):399–405, 1976 (Eng. Abstr.) **(Fre)**
[Lymphocyte antigens in autoimmune thrombocytopenia] Goebel KM, et al. **Schweiz Med Wochenschr** 106(40):1360–1, 2 Oct 76 (Eng. Abstr.) **(Ger)**
[Anti-thrombocyte antibodies] von Felten A. **Schweiz Med Wochenschr** 106(40):1340–5, 2 Oct 76 (Eng. Abstr.) **(Ger)**
[Thrombocytopenic purpura in the sucking pig. Morphological, hematological and serologic studies] Schmidt U, et al. **Zentralbl Veterinaermed [B]** 24(5):386–97, 1977 (Eng. Abstr.) **(Ger)**
[Hyperthyroidism associated with thrombocytopenic purpura] Popa G, et al. **Rev Med Intern [Med Intern]** 28(4):255–60, Jul–Aug 76 (Eng. Abstr.) **(Rum)**
[Cellular immunity in children with idiopathic thrombocytopenic purpura] Shabalov NP, et al. **Pediatriia** (8):60–2, Aug 76 **(Rus)**

METABOLISM

Binding of factor VIII to platelets in the presence of ristocetin. Zucker MB, et al. **Br J Haematol** 35(4):535–49, Apr 77

OCCURRENCE

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C. **Semin Thromb Hemostas** 3(3):125–59, Jan 77 (165 ref.)
[Clinical picture, pathophysiology and therapy of idiopathic thrombocytopenic purpura (author's transl)] Mueller-Eckhardt C. **Immun Infekt** 4(6):267–75, Dec 76 (Eng. Abstr.) **(Ger)**
[Intermittent thrombocytopenic purpura. Report of cases at the Clinica Pediatrica of the Genoa University] **Minerva Pediatr** 29(5):277–84, 18 Feb 77 (Eng. Abstr.) **(Ita)**
[Idiopathic thrombocytopenic purpura in children (author's transl)] Jiménez F E, et al. **Sangre (Barc)** 22(3):324–31, 1977 (Eng. Abstr.) **(Spa)**
[Idiopathic thrombocytopenic purpura in childhood. A study of one–hundred and seventy cases (author's transl)] Ortega JJ, et al. **Sangre (Barc)** 22(2):169–90, 1977 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Ploidy and size of megakaryocytes in patients with idiopathic thrombocytopenic purpura. Nomura T, et al. **Acta Haematol Jpn** 40(1):133–40, Feb 77
Platelet storage in the spleen in idiopathic thrombocytopenic purpura and congestive splenomegaly. Burger T, et al. **Acta Med Acad Sci Hung** 33(1):13–24, 1976
The human spleen as revealed by scanning electron microscopy. Barnhart MI, et al. **Am J Hematol** 1(2):243–64, 1976
Parotid calcifications and cementomas in a patient with Sjögren's syndrome and idiopathic thrombocytopenic purpura. Nichols C, et al. **J Oral Pathol** 6(1):51–60, Jan 77
Idiopathic thrombocytopenic purpura manifesting as gingival hypertrophy: case report. McKelvy B, et al. **J Periodontol** 47(11):661–3, Nov 76
[Abnormal tissue repair in Glanzmann's thrombasthenia [letter]. Remuzzi G, et al. **Lancet** 1(8007):374–5, 12 Feb 77
The ultrastructure of the megakaryocytes in idiopathic thrombocytopenic purpura (ITP) in relation to thrombokinetics. Ridell B, et al. **Pathol Eur** 11(3):179–87, 1976
Immune thrombocytopenic purpura: an overview. Amaral BW. **Postgrad Med** 61(4):197–202, Apr 77
[Clinical picture, pathophysiology and therapy of idiopathic thrombocytopenic purpura (author's transl)] Mueller-Eckhardt C. **Immun Infekt** 4(6):267–75, Dec 76 (Eng. Abstr.) **(Ger)**
[Chronic consumption coagulopathy in giant hemangiomas of various localization; Kasabach–Metritt–syndrome in the adult] Hesselmann J, et al. **Med Welt** 27(36):1703–7, 3 Sep 76 **(Ger)**
[Thrombocytopenic purpura in the sucking pig. Morphological, hematological and serologic studies] Schmidt U, et al. **Zentralbl Veterinaermed [B]** 24(5):386–97, 1977 (Eng. Abstr.) **(Ger)**
[A case of thrombocytopenic purpura with hyperthyroidism complicated by enlarged thymus (author's transl)] Sugiura K, et al. **Jpn J Clin Hematol** 18(1):66–72, Jan 77 (Eng. Abstr.) **(Jpn)**
[Kinetic studies of platelets labeled with 51Cr (author's transl)] Mezzano D, et al. **Rev Med Chil** 104(12):887–92, Dec 76 (Eng. Abstr.) **(Spa)**
[Kassaback–Merrit syndrome in diffuse mesenteric engiomatosis and giant splenomegaly] Vicente García V, et al. **Rev Med Univ Navarra** 18(3–4):178–84, Sep–Dec 74 **(Spa)**
[Case of Kasabach–Merritt disease in an 11–month–old infant] Marshak RKh. **Pediatr Akush Ginekol** (2):29–30, Mar–Apr 77 **(Ukr)**

PHYSIOPATHOLOGY

[Clinical picture, pathophysiology and therapy of idiopathic thrombocytopenic purpura (author's transl)] Mueller-Eckhardt C. **Immun Infekt** 4(6):267–75, Dec 76 (Eng. Abstr.) **(Ger)**
[Radioisotope diagnosis of renal function in children with certain hemorrhagic diseases] Pirogov AB, et al. **Pediatriia** (4):40–3, Apr 76 (Eng. Abstr.) **(Rus)**
[Late results of splenectomy in Werlhof's disease] Demidiuk PF, et al. **Probl Gematol Pereliv Krovi** 22(3):19–23, Mar 77

(Eng. Abstr.) **(Rus)**

[Role of the functional incompetence of the thrombocytes in the etiology of Werlhof's disease] Iurlov VM. **Probl Gematol Pereliv Krovi** 22(3):23–6, Mar 77 (Eng. Abstr.) **(Rus)**

[Relation between the exocrine function of the pancreas and the thrombocyte count inperipheral blood] Mitropol'skii AN, et al. **Ter Arkh** 49(2):88–91, 1977 **(Rus)**

RADIOGRAPHY

Hemangioma thrombocytopenia syndrome. A case masquerading as an encephalocele. Orenstein DM, et al. **Am J Dis Child** 131(6):680–1, Jun 77

Parotid calcifications and cementomas in a patient with Sjögren's syndrome and idiopathic thrombocytopenic purpura. Nichols C, et al. **J Oral Pathol** 6(1):51–60, Jan 77

SURGERY

The management of the pregnant patient with idiopathic thrombocytopenic purpura. Murray JM, et al. **Am J Obstet Gynecol** 126(4):449–51, 15 Oct 76

Elective splenectomy in the elderly patient. Deckinga BG, et al. **Am Surg** 43(4):195–9, Apr 77

The morbidity and mortality of splenectomy in childhood. Ein SH, et al. **Ann Surg** 185(3):307–10, Mar 77

Antithrombin III deficiency causing postsplenectomy mesenteric venous thrombosis coincident with thrombocytopenia. Peters TG, et al. **Ann Surg** 185(2):229–31, Feb 77

Treatment of idiopathic thrombocytopenic purpura (ITP). Ahn YS, et al. **Annu Rev Med** 28:299–309ENG, 1977 (74 ref.)

Platelet-associated IgG in immune thrombocytopenic purpura. Luiken GA, et al. **Blood** 50(2):317–25, Aug 77

[Angiodysplasia and the skeletal system] Vollmar J, et al. **Chirurg** 47(4):205–13, Apr 76 (Eng. Abstr.) **(Ger)**

[Is the splenectomy patient permanently disabled? A poll of the experts in the field (author's transl)] Schmid JF, et al. **Praxis** 65(50):1555–7, 14 Dec 76 **(Ger)**

[Characteristics of the preparation and surgical treatment of patients with goiter combined with Werlhof's disease] Stepananko AP, et al. **Klin Khir** (2):89–90, Feb 77 **(Rus)**

[Late results of splenectomy in Werlhof's disease] Demidiuk PF, et al. **Probl Gematol Pereliv Krovi** 22(3):19–23, Mar 77 (Eng. Abstr.) **(Rus)**

THERAPY

Immunoglobulins in idiopathic thrombocytopenic purpura in childhood. Khalifa AS, et al. **Acta Haematol (Basel)** 56(4):205–11, 1976

Post-transfusion thrombocytopenic purpura: a case report. Howard JE, et al. **Am J Hematol** 1(3):339–42, 1976

Management of cesarean section in a patient with idiopathic thrombocytopenic purpura. Angiulo JP, et al. **Anesthesiology** 46(2):145–7, Feb 77

Treatment of idiopathic thrombocytopenic purpura (ITP). Ahn YS, et al. **Annu Rev Med** 28:299–309ENG, 1977 (74 ref.)

Coexistent hemophilia A and idiopathic thrombocytopenic purpura. Hruby MA. **J Pediatr** 90(5):773–5, May 77

Pregnancy complicated by refractory idiopathic thombocytopenic purpura and diabetes mellitus. Gowda VV, et al. **J Reprod Med** 19(3):147–50, Sep 77

Platelet transfusion in immune thrombocytopenic purpura [letter]. Abrahm J, et al. **JAMA** 236(16):1847, 18 Oct 76

More on vincristine in treatment of ITP in children [letter] Massimo L, et al. **N Engl J Med** 297(7):397–8, 18 Aug 77

Treatment of refractory thrombocytopenia [letter]. Penner JA, et al. **N Engl J Med** 296(5):286, 3 Feb 77

Immune thrombocytopenic purpura: an overview. Amaral BW. **Postgrad Med** 61(4):197–202, Apr 77

Experience with splenectomy in auto-immune thrombocytopenia and agnogenic myeloid metaplasia. Heaton A, et al. **S Afr Med J** 50(39):1506–12, 11 Sep 76

Garcia's disease. Cyclic thrombocytopenic purpura in a child and abnormal platelet counts in his family. Aranda E, et al. **Scand J Haematol** 18(1):39–46, Jan 77

Management of idiopathic thrombocytopenic purpura in the adult. Lacey JV, et al. **Semin Thromb Hemostas** 3(3):160–74, Jan 77 (67 ref.)

Idiopathic thrombocytopenic purpura in children. Lusher JM, et al. **Semin Thromb Hemostas** 3(3):175–99, Jan 77 (198 ref.)

[Idiopathic thrombocytopenic purpura (editorial)] Karle H. **Ugeskr Laeger** 139(2):89–90, Jan 77 **(Dan)**

[Clinical picture, pathophysiology and therapy of idiopathic thrombocytopenic purpura (author's transl)] Mueller-Eckhardt C. **Immun Infekt** 4(6):267–75, Dec 76 (Eng. Abstr.) **(Ger)**

[Intracranial hemorrhage in idiopathic thrombocytopenic purpura (ITP) (author's transl)] Mutz I, et al. **Klin Paediatr** 188(6):548–51, Nov 76 (Eng. Abstr.) **(Ger)**

[Idiopathic thrombocytopenic purpura in children] Meberg A. **Tidsskr Nor Laegeforen** 96(30):1596–9, 30 Oct 76 (Eng. Abstr.) **(Nor)**

[Werlhof's disease] Kushch NL, et al. **Klin Khir** (7):26–9, Jul 76 (Eng. Abstr.) **(Rus)**

[Results of scientific studies conducted at the Central Institute of Hematology and Blood Transfusion concerning hematologic surgery] Grozdov DM, et al. **Probl Gematol Pereliv Krovi** 21(4):3–9, Apr 76 **(Rus)**

[Thrombasthenia: Clinical study and platelet function tests in 3 cases] Larrain C, et al. **Rev Med Chil** 101(12):961–5, Dec 73 (Eng. Abstr.) **(Spa)**

VETERINARY

[Thrombocytopenic purpura in suckling pigs from 3 litters of the same parent animals] Häni H. **Schweiz Arch Tierheilkd** 118(8):347–50, Aug 76 (Eng. Abstr.) **(Ger)**

[Thrombocytopenic purpura in the sucking pig. Morphological, hematological and serologic studies] Schmidt U, et al. **Zentralbl Veterinaermed [B]** 24(5):386–97, 1977 (Eng. Abstr.) **(Ger)**

PURPURA, THROMBOTIC THROMBOPENIC

[An autopsy case of thrombotic thrombocytopenic purpura (TTP) (AUTHOR'S TRANSL)] Ueda T, et al. **Jpn J Clin Hematol** 18(1):73–80, Jan 77 (Eng. Abstr.) **(Jpn)**

BLOOD

Platelet-latelet- Eckel RH, et al. **Arch Intern Med** 137(6):735–7, Jun 77

Survival following thrombotic thrombocytopenic purpura in pregnancy. Fitzgibbons JF, et al. **Obstet Gynecol** 50(1 Suppl):66s–68s, Jul 77

[Problem of overlapping of collagen diseases with other related diseases or autoimmune diseases--thrombotic thrombopenic purpura--] Yamanaka M. **Jpn J Clin Med** 34(6):1147–53, Jun 76 (30 ref.) **(Jpn)**

COMPLICATIONS

Myocardial infarction in men in the third decade of life [letter]. Nixon JV, et al. **Ann Intern Med** 85(6):759–60, Dec 76

Thrombotic thrombocytopenic purpura-like syndrome associated with infective endocarditis. A possible immune complex disorder. Bayer AS, et al. **JAMA** 238(5):408–10, 1 Aug 77

Renal transplantation and immunological abnormalities in thrombotic microangiopathy of adults: report of 5 cases. Arias-Rodriguez M, et al. **Transplantation** 23(4):360–5, Apr 77

[Systemic lupus erythematosus and overlapping syndrome] Katsu M, et al. **Jpn J Clin Med** 34(6):1124–30, Jun 76 (30 ref.) **(Jpn)**

[Problem of overlapping of collagen diseases with other related diseases or autoimmune diseases--thrombotic thrombopenic purpura--] Yamanaka M. **Jpn J Clin Med** 34(6):1147–53, Jun 76 (30 ref.) **(Jpn)**

DIAGNOSIS

Thrombotic thrombocytopenic purpura associated with pregnancy. May HV Jr, et al. **Am J Obstet Gynecol** 126(4):452–8, 15 Oct 76

Thrombotic thrombocytopenic purpura-like syndrome associated with infective endocarditis. A possible immune complex disorder. Bayer AS, et al. **JAMA** 238(5):408–10, 1 Aug 77

[Thrombotic thrombocytopenic purpura (Moschcowitz-syndrome) in pregnancy (author's transl)] Wengeler H, et al. **Geburtshilfe Frauenheilkd** 36(11):953–9, Nov 76 (Eng. Abstr.) **(Ger)**

[Problem of overlapping of collagen diseases with other related diseases or autoimmune diseases--thrombotic thrombopenic purpura--] Yamanaka M. **Jpn J Clin Med** 34(6):1147–53, Jun 76 (30 ref.) **(Jpn)**

DRUG THERAPY

Therapy for thrombotic thrombocytopenic purpura [letter]. **Ann Intern Med** 86(5):657–9, May 77

Antiplatelet treatment of thrombotic thrombocytopenic purpura [editorial]. Amorosi EL, et al. **Ann Intern Med** 86(1):102–6, Jan 77

Platelet-latelet- Eckel RH, et al. **Arch Intern Med** 137(6):735–7, Jun 77

Thrombotic thrombocytopenic purpura [letter]. Gundlach WJ, et al. **Can Med Assoc J** 115(12):1194, 18 Dec 76

Thrombotic thrombocytopenic purpura. Remission following treatment with aspirin and dipyridamole. Gundlach WJ, et al. **Minn Med** 60(1):20–1, Jan 77

Survival following thrombotic thrombocytopenic purpura in pregnancy. Fitzgibbons JF, et al. **Obstet Gynecol** 50(1 Suppl):66s–68s, Jul 77

[Thrombotic thrombocytopenic purpura (Moschcowitz-syndrome) in pregnancy (author's transl)] Wengeler H, et al. **Geburtshilfe Frauenheilkd** 36(11):953–9, Nov 76 (Eng. Abstr.) **(Ger)**

[The treatment of acute thrombotic thrombocytopenic purpura] Mani A, et al. **Harefuah** 92(6):272–4, 15 Mar 77 (Eng. Abstr.) **(Heb)**

[Therapy with cytostatic immunosuppressive agents in various children's diseases] Massimo L, et al. **Minerva Pediatr** 28(16):950–62, 5 May 76 (Eng. Abstr.) **(Ita)**

[Effect of vincristine in idiopathic thrombocytopenic purpura (author's transl)] Tanaka M, et al. **Jpn J Clin Hematol** 17(12):1261–5, Dec 76 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

[Thrombocytopenic purpura as leading symptom of hypernephroid carcinoma] Firusian N, et al. **Med Welt** 28(9):413–7, 4 Mar 77 **(Ger)**

IMMUNOLOGY

Thrombotic thrombocytopenic purpura with C'3 vascular deposits: report of a case. Weisenburger DD, et al. **Am J Clin Pathol** 67(1):61–3, Jan 77

Thrombotic thrombocytopenic purpura [letter]. Neame PB, et al. **Can Med Assoc J** 116(7):716, 9 Apr 77

Thrombotic thrombocytopenic purpura-like syndrome associated with infective endocarditis. A possible immune complex disorder. Bayer AS, et al. **JAMA** 238(5):408–10, 1 Aug 77

Renal transplantation and immunological abnormalities in thrombotic microangiopathy of adults: report of 5 cases. Arias-Rodriguez M, et al. **Transplantation** 23(4):360–5, Apr 77

MORTALITY

Survival following thrombotic thrombocytopenic purpura in pregnancy. Fitzgibbons JF, et al. **Obstet Gynecol** 50(1 Suppl):66s–68s, Jul 77

PATHOLOGY

[Thrombotic thromopenic purpura (Moschkovitz syndrome)] Ianev P, et al. **Vutr Boles** 16(2):98–101, 1977 **(Bul)**

[Thrombotic thrombocytopenic purpura (Moschcowitz-syndrome) in pregnancy (author's transl)] Wengeler H, et al. **Geburtshilfe Frauenheilkd** 36(11):953–9, Nov 76 (Eng. Abstr.) **(Ger)**

[An autopsy case of thrombotic thrombocytopenic purpura (TTP) (AUTHOR'S TRANSL)] Ueda T, et al. **Jpn J Clin Hematol** 18(1):73–80, Jan 77 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

[Moshcowitz's syndrome] Uspenskiĭ SP, et al. **Khirurgiia (Mosk)** (8):140–1, Aug 76 **(Rus)**

SURGERY

Renal transplantation and immunological abnormalities in thrombotic microangiopathy of adults: report of 5 cases. Arias-Rodriguez M, et al. **Transplantation** 23(4):360–5, Apr 77

[The treatment of acute thrombotic thrombocytopenic purpura] Mani A, et al. **Harefuah** 92(6):272–4, 15 Mar 77 (Eng. Abstr.) **(Heb)**

THERAPY

Thrombotic thrombocytopenic purpura associated with pregnancy. May HV Jr, et al. **Am J Obstet Gynecol** 126(4):452–8, 15 Oct 76

Plasmapheresis in the treatment of thrombotic thrombocytopenic purpura. Bukowski RM, et al. **Blood** 50(3):413–7, Sep 77

Thrombotic thrombocytopenic purpura [letter]. Neame PB, et al. **Can Med Assoc J** 116(7):716, 9 Apr 77

[The treatment of acute thrombotic thrombocytopenic purpura] Mani A, et al. **Harefuah** 92(6):272–4, 15 Mar 77 (Eng. Abstr.) **(Heb)**

SHWARTZMAN PHENOMENON

Experimental leukocyte-induced pulmonary vasculitis with inquiry into mechanism. Anuras J, et al. **Chest** 71(3):383–7, Mar 77

Fibrin complexes in intermediary coagulation. Shainoff JR, et al. **Int J Dermatol** 15:738–41, Dec 76

Antibody to cell wall glycolipid of Gram-negative bacteria: induction of immunity to bacteremia and endotoxemia. Braude AI, et al. **J Infect Dis** 136 Suppl:S167–73, Aug 77

[Electronmicroscopic studies on allergic vasculitis] Haustein UF, et al. **Dermatol Monatsschr** 162(6):499–511, Jun 76 (Eng. Abstr.) **(Ger)**

[Disseminated intravascular coagulation in obstetrics (editorial)] Uszyński M. **Ginekol Pol** 48(5):437–44, May 77 (Eng. Abstr.) **(Pol)**

[Possibility of indirect assessment of the reactogenicity of chemically sorbed typhoid-paratyphoid vaccines by the Shwartzman phenomenon] Luk'ianova EG, et al. **Zh Mikrobiol Epidemiol Immunobiol** (1):45–51, 1977 **(Rus)**

BLOOD

Cutaneous vascular fibrinolytic activity in the local Shwartzman reaction. Bergstein JM. **Am J Pathol** 88(3):655–62, Sep 77

Estimation and characterization of soluble fibrin monomer complexes during endotoxin-induced intravascular coagulation. Hafter R, et al. **Thromb Res** 10(5):711–20, May 77

Effect of platelet antiserum on the activation of intravascular coagulation by endotoxin. Kramer W, et al. **Thromb Res** 10(1):47–70, Jan 77

[Effect of 4-amidinophenylpyruvic acid on the generalized Sanarelli-Shwartzman phenomenon] Kleking GP, et al. **Farmakol Toksikol** 39(5):609–12, Sep-Oct 76 (Eng. Abstr.) **(Rus)**

[Intravascular blood clotting-component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar-Apr 77 (37 ref.) **(Rus)**

CHEMICALLY INDUCED

Lipid A antiserum-mediated protection against lipopolysaccharide- and lipid A-induced fever and skin necrosis. Rietschel ET, et al. **Infect Immun** 15(1):34–49, Jan 77

Biological activities of Shwartzman-active substance from Yoshida sarcoma cells. Kodama M, et al. **Jpn J Med Sci Biol** 30(1):77–81, Feb 77

Biological activities of endotoxins from Yersinia enterocolitica. Kanamori M. **Jpn J Microbiol** 20(4):273–80, Aug 76

Adjuvant action of capsular polysaccharide of Klebsiella pneumoniae on antibody response. V. Further biological properties of the active substance. Kato N, et al. **Jpn J Microbiol** 20(3):173–81, Jun 76

Tolerance and other biological properties of Vibrio parahaemolyticus endotoxins. Sochard MR, et al. **Jpn J Microbiol** 20(4):309–19, Aug 76

Effects of endotoxin in cortisone-treated rabbits with a hereditary deficiency of the sixth component of complement (C6 deficiency). Stafford BT, et al. **Thromb Haemostas** 35(2):460–71, 30 Apr 76

Studies on endotoxin of Erwinia herbicola and their biological activity. Dutkiewicz J. **Zentralbl Bakteriol [Orig A]** 236(4):487–508, Dec 76

COMPLICATIONS

A porcine case of shwartzman's reaction in association with eryspielas. **Acta Vet Scand** 17(3):373–5, 1976

Pseudomembranous enterocolitis [editorial]. **Lancet**

1(8016):839–40, 16 Apr 77
[Problems of pathomorphology of generalized Sanarelli–Shwartzman phenomenon in endotoxic shock] Kan'shina NF. **Arkh Patol** 38(11):26–33, 1976 (Eng. Abstr.) **(Rus)**
[Etiopathogenesis of necrotizing arteritis (leukocytoclastic vasculitis)] Sánchez Yus E, et al. **Allergol Immunopathol (Madr)** 4(4):269–78, Jul–Aug 76 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

[The Shwartzman–Sanarelli phenomenon in surgical practice] Machan FG. **Z Aerztl Fortbild (Jena)** 70(6):296–8, 15 Mar 76 **(Ger)**

DRUG THERAPY

[Effect of leukeran on the local Shwartzman phenomenon] Imre S, et al. **Allerg Immunol (Leipz)** 22(4):375–7, 1976 (Eng. Abstr.) **(Ger)**
[Effect of 4–amidinophenylpyruvic acid on the generalized Sanarelli–Shwartzman phenomenon] Kleking GP, et al. **Farmakol Toksikol** 39(5):609–12, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Cutaneous vascular fibrinolytic activity in the local Shwartzman reaction. Bergstein JM. **Am J Pathol** 88(3):655–62, Sep 77
Estimation and characterization of soluble fibrin monomer complexes during endotoxin–induced intravascular coagulation. Hafter R, et al. **Thromb Res** 10(5):711–20, May 77
[Side effects of drugs and in vivo tests (author's transl)] Storck H. **Praxis** 65(15):433–41, 13 Apr 76 (Eng. Abstr.) **(Ger)**
[Importance of thrombocytes and leukocytes in the release of intravascular coagulation by endotoxin] Müller–Berghaus G, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1635–8, 1976 **(Ger)**
[Problems of pathomorphology of generalized Sanarelli–Shwartzman phenomenon in endotoxic shock] Kan'shina NF. **Arkh Patol** 38(11):26–33, 1976 (Eng. Abstr.) **(Rus)**
[Possibility of indirect assessment of the reactogenicity of chemically sorbed typhoid–paratyphoid vaccines by the Shwartzman phenomenon] Luk'ianova EG, et al. **Zh Mikrobiol Epidemiol Immunobiol** (1):45–51, 1977 **(Rus)**

IMMUNOLOGY

The local Shwartzman reaction in the rabbit. Immunopathologic findings in the skin. Bergstein JM. **Am J Pathol** 86(1):117–22, Jan 77
[Molecular aspects of the inflammatory process. Part 3 (author's transl)] Horst A. **Przegl Lek** 33(7):649–54, 1976 **(Pol)**

PATHOLOGY

A porcine case of shwartzman's reaction in association with eryspielas. **Acta Vet Scand** 17(3):373–5, 1976
The local Shwartzman reaction in the rabbit. Immunopathologic findings in the skin. Bergstein JM. **Am J Pathol** 86(1):117–22, Jan 77
Electron microscopic observations of the kidney in the generalized Shwartzman reaction. Watanabe T, et al. **Virchows Arch [Pathol Anat]** 374(3):183–96, 23 Jun 77
[Electron microscopic study of the kidney in systemic Shwartzman reaction] Watanabe T, et al. **Jpn J Nephrol** 18(10):599–609, Oct 76 (Eng. Abstr.) **(Jpn)**
[Problems of pathomorphology of generalized Sanarelli–Shwartzman phenomenon in endotoxic shock] Kan'shina NF. **Arkh Patol** 38(11):26–33, 1976 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Lipid A antiserum–mediated protection against lipopolysaccharide– and lipid A–induced fever and skin necrosis. Rietschel ET, et al. **Infect Immun** 15(1):34–49, Jan 77

SURGERY

[The Shwartzman–Sanarelli phenomenon in surgical practice] Machan FG. **Z Aerztl Fortbild (Jena)** 70(6):296–8, 15 Mar 76 **(Ger)**

VETERINARY

A porcine case of shwartzman's reaction in association with eryspielas. **Acta Vet Scand** 17(3):373–5, 1976
The generalized Shwartzman reaction induced by a single injection of endotoxin in pigs fed 2 vitamin E deficient commercial diet. Teige J. **Acta Vet Scand** 18(1):140–2, 1977

STREPTODORNASE AND STREPTOKINASE

ADVERSE EFFECTS

Drug–related deaths among medical inpatients. Porter J, et al. **JAMA** 237(9):879–81, 28 Feb 77

PHARMACODYNAMICS

[Prophylaxis of peritoneal adhesions with streptokinase and streptodornase (Varidase). An experimental study in animals (author's transl)] Schütze U, et al. **Munch Med Wochenschr** 119(4):123–6, 28 Jan 77 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Drug–related deaths among medical inpatients. Porter J, et al. **JAMA** 237(9):879–81, 28 Feb 77
The hemolytic uremic syndrome. Kaplan BS, et al. **Pediatr Clin North Am** 23(4):761–77, Nov 76 (87 ref.)
[Prophylaxis of peritoneal adhesions with streptokinase and streptodornase (Varidase). An experimental study in animals (author's transl)] Schütze U, et al. **Munch Med Wochenschr** 119(4):123–6, 28 Jan 77 (Eng. Abstr.) **(Ger)**

STREPTOKINASE

Identification and some properties of a new fast–reacting plasmin inhibitor in human plasma. Collen D. **Eur J Biochem** 69(1):209–16, 1 Oct 76
Isolation of a human plasmin–derived, functionally active, light (B) chain capable of forming with streptokinase an equimolar light (B) chain–streptokinase complex with plasminogen activator activity. Summaria L, et al. **J Biol Chem** 251(18):5810–13, 25 Sep 76
Comparison of the esterase and human plasminogen activator activities of various activated forms of human plasminogen and their equimolar streptokinase complexes. Wohl RC, et al. **J Biol Chem** 252(4):1141–7, 25 Feb 77
Streptokinase. Castellino FJ, et al. **Methods Enzymol** 45:244–57, 1976
Molecular size distribution of fibrinogen derivatives formed in vitro and in vivo: a chromatographic study. Donati MB, et al. **Thromb Haemostas** 36(1):14–26, 31 Aug 76
Comparative studies of coagulative and fibrinolytic faculties between the Japanese monkey and the human. Suzuki K, et al. **Thromb Haemostas** 37(2):233–42, 30 Apr 77
A method for the measurement of fibrinolytic activity based on one dimensional diffusion using small glass tubes. II. With special reference to the differences between the use of plasminogen–rich fibrinogen and that of plasminogen–free fibrinogen as the substrates. Yasukouchi T, et al. **Thromb Haemostas** 37(3):456–63, 30 Jun 77
Inhibition of fibrinolytic activity of plasmin by suramin (antrypol) and trypan blue. Moroz LA. **Thromb Res** 10(4):605–11, Apr 77
[Microbiological and immunological aspects of streptokinase production and utilization] Köhler W, et al. **Folia Haematol (Leipz)** 103(3):431–6, 1976 **(Ger)**
[Studies on a plasminogen activating system in human milk: III. Formation mechanism of plasminogen activator by SK from the aspect of molecular weight (author's transl)] Yamamoto J, et al. **Acta Haematol Jpn** 39(2):158–62, APR 76 (Eng. Abstr.) **(Jpn)**
[Index of fibrinolysis with new fibrin plate (author's transl)] Hishikawa Y, et al. **J Physiol Soc Jpn** 39(1):1–11, 1977 (Eng. Abstr.) **(Jpn)**
[Ability of bovine fibrinogen to accept and retain plasminogen proactivator specific for human blood] Belitser VA, et al. **Ukr Biokhim Zh** 48(6):721–6, 1976 (Eng. Abstr.) **(Ukr)**

ADMINISTRATION & DOSAGE

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)

Streptokinase in acute myocardial infarction: a controlled multicentre study in the United Kingdom. Aber CP, et al. **Br Med J** 2(6044):1100–4, 6 Nov 76

Thrombolysis of palmar and digital arterial thrombosis by intra-arterial Thrombolysin. Kartchner MM, et al. **J Hand Surg** 1(1):67–74, Jul 76

Quantitative venographic assessment of deep vein thrombosis in the evaluation of streptokinase and heparin therapy. Marder VJ, et al. **J Lab Clin Med** 89(5):1018–29, May 77

Thrombolysis of acute or subacute nonembolic arterial thrombosis. Reichle FA, et al. **J Surg Res** 22(3):202–8, Mar 77

Streptokinase resistance in medical patients in Oslo. Arnesen H, et al. **Scand J Haematol** 18(4):348–52, Apr 77

Intermittent plasminogen-streptokinase treatment of deep vein thrombosis. Scully MF, et al. **Thromb Haemostas** 37(1):162–9, 28 Feb 77

[Indications for streptokinase in arterial obliterations of the limbs] Fiessinger JN, et al. **Coeur Med Interne** 15(3):453–9, Jul-Sep 76 (Eng. Abstr.) **(Fre)**

[Thrombolytic treatment. Value of the test of resistance to streptokinase (letter)] Leonetti J, et al. **Nouv Presse Med** 6(10):855, 12 Mar 77 **(Fre)**

[Treatment of iliac artery stenosis with low dose streptokinase (author's transl)] Bopp J, et al. **Dtsch Med Wochenschr** 102(6):198–201, 11 Feb 77 (Eng. Abstr.) **(Ger)**

[Therapy of iliac artery stenoses using low-dose streptokinase (letter)] Glassner K. **Dtsch Med Wochenschr** 102(13):497–8, 1 Apr 77 **(Ger)**

[Therapy of thrombophlebitis] May R. **Dtsch Med Wochenschr** 102(19):732–4, 13 May 77 **(Ger)**

[Round table discussion on current problems in thrombolytic therapy] **Folia Haematol (Leipz)** 103(3):489–96, 1976 **(Ger)**

[Clinical aspects of thrombelytic therapy using streptokinase] Vogel G, et al. **Folia Haematol (Leipz)** 103(3):456–67, 1976 **(Ger)**

[Problems of streptokinase dosage in childhood] Sutor AH, et al. **Monatsschr Kinderheilkd** 125(5):533–4, May 77 **(Ger)**

[Thrombolytic treatment of deep leg vein thrombosis in ageing (author's transl)] Heinrich HG, et al. **ZFA [Dresden]** 31(4):357–61, 1976 **(Ger)**

[Assessment of antistreptokinase titer in a hospital population] Rymaszewski Z, et al. **Pol Tyg Lek** 31(37):1601–3, 13Sep 76 (Eng. Abstr.) **(Pol)**

[Streptokinase in myocardial infarct] Lasierra Cirujeda L, et al. **Rev Clin Esp** 144(4):251–7, 28 Feb 77 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Thrombolysis of acute or subacute nonembolic arterial thrombosis. Reichle FA, et al. **J Surg Res** 22(3):202–8, Mar 77

Practical possibilities and problems of thrombolytic therapy. Mazák J, et al. **Sb Ved Pr Lek Fak Karlovy Univ** 19(3–4):273–7, 1976

Quinton-Scribner arteriovenous shunts for hemodialysis. A review of 6.5 years' experience. Lundberg M, et al. **Scand J Urol Nephrol** 11(1):47–51, 1977

The treatment of venous thrombosis: angiological aspects. Widmer LK. **Triangle** 16(1):47–61, 1977 (127 ref.)

[Streptokinase and myocardial infarction: can fibrinolysis curb necrosis (author's transl)] Witchitz S, et al. **Ann Cardiol Angeiol (Paris)** 26(1):53–6, Jan-Feb 77 (Eng. Abstr.) **(Fre)**

[Thrombolytics in venous thromboses of the retina] François P, et al. **Bull Soc Ophtalmol Fr** 76(3):271–4, Mar 76 **(Fre)**

[Indications for streptokinase in arterial obliterations of the limbs] Fiessinger JN, et al. **Coeur Med Interne** 15(3):453–9, Jul-Sep 76 (Eng. Abstr.) **(Fre)**

[Treatment of iliac artery stenoses with low doses of streptokinase (letter)] Martin M, et al. **Dtsch Med Wochenschr** 102(20):772–3, 20 May 77 **(Ger)**

[Coagulation-physiological manifestations and clinical side-effects of streptokinase therapy] Vinazzer H. **Folia Haematol (Leipz)** 103(3):468–71, 1976 **(Ger)**

[Clinical aspects of thrombelytic therapy using streptokinase] Vogel G, et al. **Folia Haematol (Leipz)** 103(3):456–67, 1976 **(Ger)**

[Thromboembolism during treatment with streptase] Ieshkin AA. **Klin Med (Mosk)** 55(6):131–2, Jun 77 **(Rus)**

ANALYSIS

Streptokinase. Castellino FJ, et al. **Methods Enzymol** 45:244–57, 1976

ANTAGONISTS & INHIBITORS

[Microbiological and immunological aspects of streptokinase production and utilization] Köhler W, et al. **Folia Haematol (Leipz)** 103(3):431–6, 1976 **(Ger)**

[Serodiagnosis of rheumatic disorders] Köhler W. **Z Gesamte Inn Med** 31(16):630–40, 15 Aug 76 (Eng. Abstr.) **(Ger)**

[An assay of streptokinase inhibitors in relation to age (author's transl)] Aznar J, et al. **Sangre (Barc)** 21(4):782–5, 1976 (Eng. Abstr.) **(Spa)**

BIOSYNTHESIS

[Microbiological and immunological aspects of streptokinase production and utilization] Köhler W, et al. **Folia Haematol (Leipz)** 103(3):431–6, 1976 **(Ger)**

BLOOD

Mechanisms involved in enhancement of plasma fibrinolytic activity by chloroform. Moroz LA, et al. **Blood** 48(5):777–90, Nov 76

Quantitative streptokinase determination in plasma of patients undergoing thrombolytic therapy. Martin M. **Semin Thromb Hemostas** 2(1):33–41, Jul 75

Studies on activator formation in human plasma with streptokinase. III. Investigation of activator kinetics in undiluted plasma in terms of urokinase equivalents. Martin M. **Thromb Haemostas** 36(3):566–81, 31 Dec 76

[An assay of streptokinase inhibitors in relation to age (author's transl)] Aznar J, et al. **Sangre (Barc)** 21(4):782–5, 1976 (Eng. Abstr.) **(Spa)**

CHEMICAL SYNTHESIS

Isolation of an active derivative produced from native streptokinase by dog plasmin. Reddy KN, et al. **Thromb Res** 9(4):407–11, Oct 76

DIAGNOSTIC USE

Radiopharmaceuticals labelled with technetium. Eckelman WC, et al. **Int J Appl Radiat Isot** 28(1–2):67–82, Jan-Feb 77 (134 ref.)

Studies on the labeling of streptokinase with 99mTc for use as a radiopharmaceutical in the detection of deep-vein thrombosis: concise communication. Duffy MJ, et al. **J Nucl Med** 18(5):483–5, May 77

Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

[Evaluation of cellular immunity in man using skin tests (methods)] Sarti G, et al. **Boll Soc Ital Biol Sper** 52(12):872–6, 30 Jun 76 **(Ita)**

[Analytical methods of study of the system of fibrinolysis (plasminogen proactivators-activators, plasminogen-plasmin, antiplasmins, antiactivators) (literature review)] Guseinov ChS, et al. **Lab Delo** (5):276–83, 1976 **(Rus)**

IMMUNOLOGY

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)

Local adoptive transfer to mice of human delayed hypersensitivity: reactions by the radioisotopic footpad assay. Takeichi N, et al. **Clin Exp Immunol** 26(2):310–3, Nov 76

Depressed cellular immune response to streptococcal antigens in poststreptococcal glomerulonephritis. Bhat JG, et al. **Clin Immunol Immunopathol** 7(2):230–9, Mar 77

Streptokinase resistance in medical patients in Oslo. Arnesen H, et al. **Scand J Haematol** 18(4):348–52, Apr 77

Cellular immune responses of human milk T lymphocytes to certain environmental antigens. Parmely MJ, et al. **Transplant Proc** 9(2):1477–83, Jun 77

Clinical and serological observations of streptococcal infection. Fukushima H, et al. **Yonago Acta Med** 20(1):50–4, Apr 76

[Treatment of rheumatoid arthritis by levamisole. First results] Sany J, et al. **Rev Rhum Mal Osteoartic** 44(3):143–53, Mar 77 (Eng. Abstr.) **(Fre)**

[Microbiological and immunological aspects of streptokinase production and utilization] Köhler W, et al. **Folia Haematol (Leipz)** 103(3):431–6, 1976 **(Ger)**

[Assessment of antistreptokinase titer in a hospital population]

Rymaszewski Z, et al. **Pol Tyg Lek** 31(37):1601–3, 13Sep 76 (Eng. Abstr.) **(Pol)**

[Results of treatment of rheumatic fever with gama globulin titrated to exoenzymes of beta-hemolytic Streptococcus and Coxsackie viruses A13, A18 and B3] Iasakova OI, et al. **Ter Arkh** 48(11):93–9, 1976 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Streptokinase. Castellino FJ, et al. **Methods Enzymol** 45:244–57, 1976

The formation of a fibrinogen–activator complex by the action of streptokinase. Chesterman CN, et al. **Thromb Res** 10(3):421–30, Mar 77

Isolation of an active derivative produced from native streptokinase by dog plasmin. Reddy KN, et al. **Thromb Res** 9(4):407–11, Oct 76

[Demonstration and partial purification of staphylokinase (author's transl)] Nick M, et al. **Zentralbl Bakteriol [Orig A]** 237(2–3):160–6, 1977 (Eng. Abstr.) **(Ger)**

METABOLISM

Activation of the fibrinolytic system by streptokinase. pp. 159–72. Castellino FJ. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Activation of human plasminogen by equimolar levels of streptokinase. Bajaj AP, et al. **J Biol Chem** 252(2):492–8, 25 Jan 77

Activator activities of the transient forms of the human plasminogen–streptokinase complex during its proteolytic conversion to the stable activator complex. Markus G, et al. **J Biol Chem** 251(21):6495–504, 10 Nov 76

Kinetics of active center formation in dog plasminogin by streptokinase and activity of a modified streptokinase. Reddy KN. **J Biol Chem** 251(21):6624–9, 10 Nov 76

Isolation of a human plasmin-derived, functionally active, light (B) chain capable of forming with streptokinase an equimolar light (B) chain–streptokinase complex with plasminogen activator activity. Summaria L, et al. **J Biol Chem** 251(18):5810–13, 25 Sep 76

Comparison of the esterase and human plasminogen activator activities of various activated forms of human plasminogen and their equimolar streptokinase complexes. Wohl RC, et al. **J Biol Chem** 252(4):1141–7, 25 Feb 77

Studies on the labeling of streptokinase with 99mTc for use as a radiopharmaceutical in the detection of deep-vein thrombosis: concise communication. Duffy MJ, et al. **J Nucl Med** 18(5):483–5, May 77

The formation of a fibrinogen–activator complex by the action of streptokinase. Chesterman CN, et al. **Thromb Res** 10(3):421–30, Mar 77

[Studies on the fibrinolytic system in ruptured intracranial aneurysm. Part 1. Monitoring of the antifibrinolytic therapy through repeated measurement of SK–euglobulin lysis time and FDP (author's transl)] Watanabe H, et al. **Neurol Surg (Tokyo)** 5(8):857–63, Jul 77 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

The clinical use of fibrinolytic agents. Porter JM, et al. **Am J Surg** 134(2):217–21, Aug 77

The sensitivity to plasmin digestion of human IgG proteins of different heavy chain subclasses. Virella G, et al. **Experientia** 33(9):1231–3, 15 Sep 77

Inhibition of human platelet aggregation by the proteolytic effect of streptokinase. Role of the human factor-VIII-related protein. Castillo R, et al. **Haemostasis** 5(5):306–17, 1976

Activation of plasminogen as a feature in its assay. Gaffney PJ, et al. **Haemostasis** 6(1):72–88, 1977

Activation of the fibrinolytic system by streptokinase. pp. 159–72. Castellino FJ. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Phytohaemagglutinin (PHA) skin test in predicting prognosis in cancer patients. Jedrzejczak WW. **Int Arch Allergy Appl Immunol** 51(5):574–82, 1976

Vasodilation due to urokinase in the canine femoral circulation. Gurll NJ, et al. **J Pharmacol Exp Ther** 201(3):731–7, Jun 77

Determination of urinary fibrin/fibrinogen degradation products by radioimmunoassay. Ekberg M, et al. **Scand J Clin Lab Invest** 36(5):453–9, Sep 76

Quinton–Scribner arteriovenous shunts for hemodialysis. A review of 6.5 years' experience. Lundberg M, et al. **Scand J Urol Nephrol** 11(1):47–51, 1977

A comparative ex vivo study of plasminogen activators and proteases for fibrinolytic activity and side effects in rabbits. Janik BA, et al. **Thromb Haemostas** 37(1):154–61, 28 Feb 77

On the reliability of plasminogen measurement employing the proactivator–activator converting method. Martin M. **Thromb Haemostas** 36(3):551–65, 31 Dec 76

Studies on activator formation in human plasma with streptokinase. III. Investigation of activator kinetics in undiluted plasma in terms of urokinase equivalents. Martin M. **Thromb Haemostas** 36(3):566–81, 31 Dec 76

Registry of prospective clinical trials second report. Verstraete M. **Thromb Haemostas** 36(1):239–50, 31 Aug 76

Daunomycin and fibrinolysis. Bick RL, et al. **Thromb Res** 9(2):201–3, Aug 76

The formation of a fibrinogen–activator complex by the action of streptokinase. Chesterman CN, et al. **Thromb Res** 10(3):421–30, Mar 77

Isolation of an active derivative produced from native streptokinase by dog plasmin. Reddy KN, et al. **Thromb Res** 9(4):407–11, Oct 76

[Plasminogen determination, using a chromogenic tripeptidic substrate (author's transl)] Soria J, et al. **Pathol Biol (Paris)** 24(10):725–9, Dec 76 (Eng. Abstr.) **(Fre)**

[Animal experimental studies on the thrombolytic effect of streptokinase] Markwardt F, et al. **Acta Biol Med Ger** 35(2):193–203, 1976 (Eng. Abstr.) **(Ger)**

[Synthetic compounds with fibrinolytic and thrombolytic activity. I. Pharmacologic observations] Desnoyers P. **Folia Haematol (Leipz)** 103(3):351–6, 1976 **(Ger)**

[Pharmacology of the streptokinase drug Awelysin] Klöcking HP. **Folia Haematol (Leipz)** 103(3):445–55, 1976 **(Ger)**

[Biochemical aspects of the streptokinase effect] Landmann H. **Folia Haematol (Leipz)** 103(3):437–44, 1976 **(Ger)**

[Clinical aspects of thrombelytic therapy using streptokinase] Vogel G, et al. **Folia Haematol (Leipz)** 103(3):456–67, 1976 **(Ger)**

[Quantification of the effects of fibrinolytic therapy upon the flow behavior of blood (author's transl)] Schmid-Schönbein H, et al. **Klin Wochenschr** 55(3):111–9, 1 Feb 77 (Eng. Abstr.) **(Ger)**

[Experimental investigations on the effect of various doses of streptokinase on blood viscosity (author's transl)] Ambrosch F, et al. **Wien Klin Wochenschr** 89(10):350–3, 13 May 77 (Eng. Abstr.) **(Ger)**

[Improvement in the perfusion rate of the isolated rat liver under the influence of streptase] Duca S, et al. **Rev Med Intern [Med Intern]** 29(2):177–83, Mar–Apr 77 (Eng. Abstr.) **(Rum)**

[Effect of drugs used in the treatment of thrombotic and hemorrhagic conditions on the erythrocyte aggregation] Lakin KM, et al. **Kardiologiia** 17(5):79–83, May 77 **(Rus)**

THERAPEUTIC USE

Pulmonary embolectomy, heparin, and streptokinase: their place in the treatment of acute massive pulmonary embolism. Miller GA, et al. **Am Heart J** 93(5):568–74, May 77

Healing of deep venous thrombosis: venographic findings in a randomized study comparing streptokinase and heparin. Rösch J, et al. **Am J Roentgenol** 127(4):553–8, Oct 76

The clinical use of fibrinolytic agents. Porter JM, et al. **Am J Surg** 134(2):217–21, Aug 77

Pulmonary embolism. Prophylaxis diagnosis and treatment. Price DG. **Anaesthesia** 31(7):925–32, Sep 76

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)

Proceedings: Controlled trial of fibrinolytic therapy in unstable angina. Lawrence JR, et al. **Br Heart J** 38(8):873, Aug 76

SDS polyacrylamide gel characterization of serum FDP produced in response to ancrod and streptokinase/plasminogen infusion in man. Lane DA, et al. **Br J Haematol** 36(1):137–48, May 77

The management of acute pulmonary embolism. Miller GA. **Br J Hosp Med** 18(1):26–31, Jul 77

Streptokinase [editorial]. **Br Med J** 1(6066):927–8, 9 Apr 77

Streptokinase in acute myocardial infarction: a controlled multicentre study in the United Kingdom. Aber CP, et al. **Br Med J** 2(6044):1100–4, 6 Nov 76

Streptokinase, cerebral vascular disease – and triplets [letter]. Amias AG. **Br Med J** 1(6073):1414–5, 28 May 77

Streptokinase and serum enzyme activity in myocardial infarction. Praetorius F. **Br Med J** 1(6067):1005, 16 Apr 77

A comparison of the sulphite and thrombin methods for

measuring fibrinogen concentration of plasma from patients undergoing thrombolytic therapy. Lane DA, et al. **Clin Chim Acta** 71(1):15–9, 16 Aug 76

Acute arterial occlusions. Persson AV. **Compr Ther** 2(12):41–4, Dec 76

Antithrombotic drugs: part II. Gallus AS, et al. **Drugs** 12(2):132–57, 1976 (219 ref.)

Pulmonary embolic disease in Kenya. Dhall DP, et al. **East Afr Med J** 53(4):202–11, Apr 76

Treatment of thrombosis by sequential therapy with ancrod followed by streptokinase. Clinical pharmacology and rheology. Forbes CD, et al. **Haemostasis** 5(6):348–54, 1976

Thrombolysis of palmar and digital arterial thrombosis by intra-arterial Thrombolysin. Kartchner MM, et al. **J Hand Surg** 1(1):67–74, Jul 76

Quantitative venographic assessment of deep vein thrombosis in the evaluation of streptokinase and heparin therapy. Marder VJ, et al. **J Lab Clin Med** 89(5):1018–29, May 77

Thrombolysis of acute or subacute nonembolic arterial thrombosis. Reichle FA, et al. **J Surg Res** 22(3):202–8, Mar 77

Australian multicentre trial of streptokinase in acute myocardial infarction. **Med J Aust** 1(15):553, 9 Apr 77

Massive pulmonary embolism during pregnancy treated with streptokinase. McTaggart DR, et al. **Med J Aust** 1(1–2):18–20, 1–8 Jan 77

The treatment of established iliofemoral deep vein thrombosis with streptokinase. Baker LW. **S Afr Med J** 52(2):64–8, 9 Jul 77

Practical possibilities and problems of thrombolytic therapy. Mazák J, et al. **Sb Ved Pr Lek Fak Karlovy Univ** 19(3–4):273–7, 1976

New techniques in the diagnosis of acute pulmonary embolism. Almér LO, et al. **Scand J Respir Dis [Suppl]** (85):176–80, 1974

Thrombolytic therapy: a comparison between urokinase and streptokinase. From a national cooperative study. Bell WR. **Semin Thromb Hemostas** 2(1):1–13, Jul 75

Thrombolysis with a combination of small doses of streptokinase and full doses of heparin. Gallus AS, et al. **Semin Thromb Hemostas** 2(1):14–32, Jul 75

Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)

Fibrinolytic treatment of acute or subacute arterial thrombosis. Reichle FA, et al. **Surg Forum** 27(62):219–21, 1976

Intravenous streptokinase treatment for ergot-induced vascular insufficiency [letter] Ganel A, et al. **Surgery** 82(3):414, Sep 77

Intermittent plasminogen–streptokinase treatment of deep vein thrombosis. Scully MF, et al. **Thromb Haemostas** 37(1):162–9, 28 Feb 77

Controlled trial of the sequential use of streptokinase and ancrod in the treatment of deep vein thrombosis of lower limb. Tibbutt DA, et al. **Thromb Haemostas** 37(2):222–32, 30 Apr 77

The treatment of venous thrombosis: angiological aspects. Widmer LK. **Triangle** 16(1):47–61, 1977 (127 ref.)

[The use of fibrinolytic drugs in early myocardial infarct] Dvořák K. **Vnitr Lek** 23(3):233–39, Mar 77 (Eng. Abstr.) **(Cze)**

[Curative treatment of deep vein thrombosis of the legs (author's transl)] Serradimigni A, et al. **Ann Cardiol Angeiol (Paris)** 25 Suppl:411–9, Nov 76 (Eng. Abstr.) **(Fre)**

[Streptokinase and myocardial infarction: can fibrinolysis curb necrosis (author's transl)] Witchitz S, et al. **Ann Cardiol Angeiol (Paris)** 26(1):53–6, Jan–Feb 77 (Eng. Abstr.) **(Fre)**

[Subacute or chronic thromboembolism of the pulmonary artery.The role of fibrinolytic treatment (apropos of 9 cases)] Benaim R, et al. **Ann Med Interne (Paris)** 127(10):767–70, Oct 76 **(Fre)**

[Thrombolytics in venous thromboses of the retina] François P, et al. **Bull Soc Ophtalmol Fr** 76(3):271–4, Mar 76 **(Fre)**

[Indications for streptokinase in arterial obliterations of the limbs] Fiessinger JN, et al. **Coeur Med Interne** 15(3):453–9, Jul–Sep 76 (Eng. Abstr.) **(Fre)**

[Thrombolytic treatment. Value of the test of resistance to streptokinase (letter)] Leonetti J, et al. **Nouv Presse Med** 6(10):855, 12 Mar 77 **(Fre)**

[Treatment of pulmonary embolism] Sharma GV, et al. **Rev Prat** 27(31):2031–9, 1 Jun 77 (13 ref.) **(Fre)**

[Fibrinolytic and anticoagulant therapy of acute deep venous thrombosis (proceedings)] Niessner H, et al. **Acta Med Austriaca® [Suppl]** (3):224–5, 1976 **(Ger)**

[Treatment of iliac artery stenosis with low dose streptokinase (author's transl)] Bopp J, et al. **Dtsch Med Wochenschr** 102(6):198–201, 11 Feb 77 (Eng. Abstr.) **(Ger)**

[Therapy of iliac artery stenoses using low-dose streptokinase (letter)] Glassner K. **Dtsch Med Wochenschr** 102(13):497–8, 1 Apr 77 **(Ger)**

[Treatment of iliac artery stenoses with low doses of streptokinase (letter)] Martin M, et al. **Dtsch Med Wochenschr** 102(20):772–3, 20 May 77 **(Ger)**

[Therapy of thrombophlebitis] May R. **Dtsch Med Wochenschr** 102(19):732–4, 13 May 77 **(Ger)**

[Round table discussion on current problems in thrombolytic therapy] **Folia Haematol (Leipz)** 103(3):489–96, 1976 **(Ger)**

[Thrombolytic treatment in pregnancy and during labor] Brandt M, et al. **Folia Haematol (Leipz)** 103(3):477–82, 1976 **(Ger)**

[Pharmacology of the streptokinase drug Awelysin] Klöcking HP. **Folia Haematol (Leipz)** 103(3):445–55, 1976 **(Ger)**

[Biochemical and pharmacological principles of antithrombotic therapy] Markwardt F. **Folia Haematol (Leipz)** 103(3):293–312, 1976 **(Ger)**

[Coagulation-physiological manifestations and clinical side-effects of streptokinase therapy] Vinazzer H. **Folia Haematol (Leipz)** 103(3):468–71, 1976 **(Ger)**

[Clinical aspects of thrombelytic therapy using streptokinase] Vogel G, et al. **Folia Haematol (Leipz)** 103(3):456–67, 1976 **(Ger)**

[Thrombolytic therapy in pediatrics] Weinmann G, et al. **Folia Haematol (Leipz)** 103(3):472–6, 1976 **(Ger)**

[Thrombosis and embolism in gynecology and obstetrics. A contribution to prophylaxis and therapy] Eberhardinger R. **Fortschr Med** 94(18):1061–4, 1067–76, 17 Jun 76 (Eng. Abstr.) **(Ger)**

[Traumatic shock. pathophysiology, treatment] Hartel W, et al. **Fortschr Med** 95(8):477–81, 24 Feb 77 **(Ger)**

[Fibrinolytic therapy in deep venous thrombosis of the upper and lower extremity] Kriessmann A, et al. **Fortschr Med** 95(13):858–66, 7 Apr 77 **(Ger)**

[Postoperative and post-traumatic blood coagulation disorders. Diagnosis and treatment. 2. Treatment] Marx R. **Fortschr Med** 95(11):713–6, 17 Mar 77 **(Ger)**

[Thrombolytic therapy of thromboembolic occlusions in the area of the internal carotid artery] Dahlmann W. **Hippokrates** 48(1):89–90, Feb 77 **(Ger)**

[Follow-up studies after removal of arterial occlusions by streptokinase treatment. A 6-year retrospective study including 67 patients (author's transl)] Martin M, et al. **Klin Wochenschr** 55(10):489–93, 15 May 77 (Eng. Abstr.) **(Ger)**

[The prognosis of severe pulmonary embolism] Rivas-Martin J, et al. **Lebensversicherungsmedizin** 28(6):147–51, Nov 76 **(Ger)**

[Investigations of the clinical course of acute myocardial infarction. I. The fibrinolytic treatment of acute myocardial infarction with streptokinase (author's transl)] Poliwoda H, et al. **Med Klin** 72(11):451–8, 18 Mar 77 (Eng. Abstr.) **(Ger)**

[Tourniquet-schock following treatment with streptase, prednisolone and trasylol. Pathologic-anatomic findings] Schubert GE, et al. **Med Welt** 28(27):1190–4, 8 Jul 77 **(Ger)**

[Diagnostic therapeutic problems of defibrination syndrome in shock, sepsis, and neonatal hypoxia (author's transl)] Kirsch W, et al. **Monatsschr Kinderheilkd** 125(6):621–7, Jun 77 (32 ref.) (Eng. Abstr.) **(Ger)**

[Problems of streptokinase dosage in childhood] Sutor AH, et al. **Monatsschr Kinderheilkd** 125(5):533–4, May 77 **(Ger)**

[The role of the costo-clavicular compression syndrome within the framework of fibrinolytic therapy of deep arm-vein thrombosis] Fritschy J, et al. **Schweiz Med Wochenschr** 106(25):847–53, 19 Jun 76 (Eng. Abstr.) **(Ger)**

[Coronary thrombosis in the viewpoint of experimental research] Wilde J, et al. **Z Aerztl Fortbild (Jena)** 70(17):919–24, 1 Sep 76 **(Ger)**

[Blood coagulation in newborns (author's transl)] Verron G, et al. **Zentralbl Chir** 101(26):1601–6, 1976 (Eng. Abstr.) **(Ger)**

[Thrombolytic treatment of deep leg vein thrombosis in ageing (author's transl)] Heinrich HG, et al. **ZFA [Dresden]** 31(4):357–61, 1976 **(Ger)**

[The significance of phlebography for diagnosing venous diseases (author's transl)] Müller JH, et al. **ZFA [Dresden]** 31(4):339–42, 1976 **(Ger)**

[Use of streptokinase in the treatment of venous thrombosis and arterial thromboembolism of the lower limb] Colecchia G, et al. **Ann Ital Chir** 48(2):251–5, 1976 **(Ita)**

[Changes in serum AspAT and AlAT in patients with chronic peripheral arterial obliteration treated with streptokinase] Zola-Sięczek E, et al. **Pol Arch Med Wewn** 56(8):157–64, Aug 76 (Eng. Abstr.) **(Pol)**

[Assessment of antistreptokinase titer in a hospital population] Rymaszewski Z, et al. **Pol Tyg Lek** 31(37):1601–3, 13Sep

76 (Eng. Abstr.) **(Pol)**

[Streptokinase in the treatment of phlegmasia cerulea dolens] Golba Z, et al. **Wiad Lek** 30(7):569–72, 1 Apr 77 (Eng. Abstr.) **(Pol)**

[Acute pulmonary embolism as a diagnostic and therapeutic problem] Stojčevski T, et al. **God Zb Med Fak Skopje** 22:257–66, 1976 (Eng. Abstr.) **(Scr)**

[Thrombolytic therapy] Gočárová K, et al. **Bratisl Lek Listy** 66(4):454–61, 1976 (Eng. Abstr.) **(Slo)**

[Streptokinase in myocardial infarct] Lasierra Cirujeda L, et al. **Rev Clin Esp** 144(4):251–7, 28 Feb 77 (Eng. Abstr.) **(Spa)**

TOXICITY

[Pharmacology of the streptokinase drug Awelysin] Klöcking HP. **Folia Haematol (Leipz)** 103(3):445–55, 1976 **(Ger)**

THROMBELASTOGRAPHY

Noninvasive prevention of deep vein thrombosis. Lee BY, et al. **Am Fam Physician** 14(5):128–34, Nov 76

Effect of hexachlorophene on the coagulation process in beagle dogs. Bhargava AS, et al. **Arzneim Forsch** 26(12):2183–5, 1976

Ditazole and platelets. I. Effect of ditazole on human platelet function in vitro. De Gaetano G, et al. **Haemostasis** 6(2):127–36, 1977

Control of heparin therapy by thromboelastography. pp. 211–8. Raby C.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Coagulation, heparin and thromboembolism. pp. 283–92. Schander K, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Thromboelastographic changes in carcinoma: an animal model. Haid M, et al. **J Med** 7(3–4):189–216, 1976

Action of Trimeresurus erythrusus and Trimeresurus popeorum venom on blood coagulation. Talalak P. **J Med Assoc Thai** 60(1):9–18, Jan 77

New neonatal problems of blood coagulation and fibrinolysis. I. The change of plasmin inhibitor levels in the newborn infant. Suzuki S, et al. **J Perinat Med** 4(4):213–20, 1976

[Effect of low-dose-heparin and its control (author's transl)] Zanoni G. **Praxis** 65(16):477–80, 20 Apr 76 (Eng. Abstr.)

The clot: the hypercoagulable state. Wallner SF. **Rocky Mt Med J** 74(3):130–5, May–Jun 77

Thromboelastographic distinction of malignant from benign breast masses: a preliminary report. Haid M. **South Med J** 70(7):774–6, Jul 77

Thromboelastographic distinction of malignant and benign breast masses. McKee LC Jr. **South Med J** 70(7):773, Jul 77

Chemorheological studies of the effect of heparin on the course of coagulation. Overholser KA, et al. **Thromb Haemostas** 35(2):447–59, 30 Apr 76

The identification of accelerated coagulability. Caprini JA, et al. **Thromb Res** 9(2):167–80, Aug 76

[Normal hemostatic indices in experimental animals] Doĭchinov A, et al. **Eksp Med Morfol** 16(2):105–7, 1977 (Eng. Abstr.) **(Bul)**

[Coagulation disorders in the hemorrhage of portal hypertension (especially in post-sinusoidal block)] Raby C, et al. **Chirurgie** 102(3):186–96, Feb 76 (Eng. Abstr.) **(Fre)**

[Congenital deficiency in the fibrin stabilizing factor (factor XIII)] Duporieux J, et al. **Nouv Presse Med** 5(43):2941–3, 18 Dec 76 **(Fre)**

[Anticoagulant properties of antipyrine] Fiehrer A, et al. **Nouv Rev Fr Hematol Blood Cells** 18(1):194–6, 1977 **(Fre)**

[Coagulation and acute disseminated lupus erythematosus. Apropos of 25 cases] Godeau P, et al. **Sem Hop Paris** 53(10):609–12, 9 Mar 77 (Eng. Abstr.) **(Fre)**

[Blood coagulation activity and fibrinolysis in umbilical vein blood of healthy and asphyxiated newborn infants] Schander K, et al. **Fortschr Med** 95(22):1477–81, 9 Jun 77 (Eng. Abstr.) **(Ger)**

[Screening and rapid tests in diagnosis of hemostasis disorders] Matthias FR. **Internist (Berlin)** 17(9):430–5, Sep 76 **(Ger)**

[Coagulation abnormalities in the patients with malignant tumours of the larynx and pharynx (author's transl)] Nikšić M, et al. **Laryngol Rhinol Otol (Stuttg)** 55(5):414–9, May 76 (Eng. Abstr.) **(Ger)**

[The effect of oral contraceptives on levels of thyroid hormone, blood coagulation and ceruloplasmin (author's transl)] Schenk H, et al. **Munch Med Wochenschr** 119(28):941–4, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Informative value of control methods for postoperative supervision of medication with aspirin and heparin (author's transl)] Schöndorf TH, et al. **Munch Med Wochenschr** 119(4):119–22, 28 Jan 77 (Eng. Abstr.) **(Ger)**

[In-vitro experiments on the clarification of the fibrinolytic activity in normal cerebrospinal fluid] Hindersin P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 29(5):275–84, May 77 (Eng. Abstr.) **(Ger)**

[Thromboelastography and inhibitors of aggregation] Maess M, et al. **Z Exp Chir** 9(1):36–40, 1976 (Eng. Abstr.) **(Ger)**

[Modification of the thrombocyte function using hormonal contraception. 2. Platelet adhesiveness, thromboelastography, conclusions] Brandt M, et al. **Zentralbl Gynaekol** 98(3):166–74, 1976 (Eng. Abstr.) **(Ger)**

[Function of thrombocytes during the gestational period and puerperium and their relation to the occurence of thromboses. 2. Function of blood platelets during late pregnancy, labor and puerperium in gestosis] Brandt M, et al. **Zentralbl Gynaekol** 98(20):1237–48, 1976 (Eng. Abstr.) **(Ger)**

[Thrombolytic treatment of deep leg vein thrombosis in ageing (author's transl)] Heinrich HG, et al. **ZFA [Dresden]** 31(4):357–61, 1976 **(Ger)**

[S-adenosylmethionine as a regulator of protein synthesis. Influence on plasmatic fibrinogen] Frezza M, et al. **Minerva Med** 68(17):1105–14, 7 Apr 77 (Eng. Abstr.) **(Ita)**

[Plasma viscosity and thrombelastogram and some blood clotting factors in patients with atherosclerosis] Turczynski B, et al. **Pol Tyg Lek** 31(35):1509–12, 30 Aug 76 (Eng. Abstr.) **(Pol)**

[Changes in the blood coagulating system during surgery and during the postoperative period in gynecologic patients] Karpushin VP, et al. **Akush Ginekol (Mosk)** (9):55–8, Sep 76 (Eng. Abstr.) **(Rus)**

[Thromboelestographic evaluation of the state of blood coagulation in late pregnancy toxicosis] Repina MA, et al. **Akush Ginekol (Mosk)** (6):30–3, Jun 76 (Eng. Abstr.) **(Rus)**

[State of blood coagulation under general fluothane anesthesia and neuroleptoanalgesia] Ivanov GK. **Anesteziol Reanimatol** (3):32–4, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Changes of the thrombagglutination test in coronary disease after treatment with heparin] Atanasov K, et al. **Kardiologiia** 17(5):142–3, May 77 **(Rus)**

[Coagulologic characteristics of different stages of chronic circulatory insufficiency in atherosclerotic cardiosclerosis] Gritsiuk AI, et al. **Kardiologiia** 16(12):25–32, Dec 76 (Eng. Abstr.) **(Rus)**

[Treatment of acute venous thrombosis using continuous infusion of a rheopolyglucin-heparin mixture] Shestakov VA, et al. **Kardiologiia** 16(11):87–92, Nov 76 (Eng. Abstr.) **(Rus)**

[Determination of the fibrinolytic activity of blood by the method of thrombelastography] Pliutto AM. **Lab Delo** (9):569, 1976 **(Rus)**

[Changes in the circulating blood volume and blood coagulability in acute gastrointestinal hemorrhages after substitution of blood loss] Shul'ga GI, et al. **Probl Gematol Pereliv Krovi** 21(4):15–7, Apr 76 **(Rus)**

[Study of influence of psycho-emotional stress on changes in coagulating properties of the blood in patients with I–II stage hypertension based on thromboelastographic findings] Sokolov EI, et al. **Sov Med** (1):29–33, Jan 77 (Eng. Abstr.) **(Rus)**

[Evaluation of the blood coagulating system in acute gastroduodenal hemorrhages by thromboelastographic data] Rumiantsev VV, et al. **Vestn Khir** 118(2):129–32, Feb 77 (Eng. Abstr.) **(Rus)**

[Effect of actomyosin on blood coagulation and fibrinolysis] Andreenko GV, et al. **Vopr Med Khim** 22(2):166–71, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Lipid metabolism disorders in white rats following depression of the anticlotting system by an atherogenic diet] Bazaz'ian GG, et al. **Vopr Pitan** (2):20–5, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Blood coagulation and prethrombosis state in hypertensive disease during stage II and III] Shchigel'skii VI. **Vrach Delo** (1):51–3, Jan 77 (Eng. Abstr.) **(Rus)**

[Changes in thromboelastogram in women on hormonal contraception] Borko E, et al. **Jugosl Ginekol Opstet** 16(5–6):337–41, 1976 (Eng. Abstr.) **(Scr)**

[Disorders of blood coagulation, platelet adhesiviness and platelet count in the intermediate coronary syndrome] Ruggiero HA, et al. **Arch Inst Cardiol Mex** 47(1):37–51, Jan–Feb 77 (Eng. Abstr.) **(Spa)**

[Comparative study of blood viscosity, thromboelastogram

and platelet aggregation in normal subjects and chronic bronchitis patients with secondary polyglobulin] de la Vega Vázquez JM, et al. **Rev Clin Esp** 142(3):223–6, 15 Aug 76 (Eng. Abstr.) **(Spa)**

[Effects on blood viscosity, thromboelastogram and platelet aggregation of the administration of plasm expanders previous bloodletting in chronic bronchtic patients with secondary polyglobularemia] De La Vega Vázquez JM, et al. **Rev Clin Esp** 145(6):427–31, 30 Jun 77 (Eng. Abstr.) **(Spa)**

[Blood coagulation system in the lingering subfebrile state in children] Tsariuk NB, et al. **Pediatr Akush Ginekol** (2):14–5, Mar–Apr 77 **(Ukr)**

INSTRUMENTATION

Use of a modified thromboelastograph to evaluate effects of acetylcysteine on sputum. Grassi C, et al. **Respiration** 34(2):100–4, 1977

[Use of Soviet-made thrombelastograph 'ISK-1' in the capacity of an aggregatograph] Vopodin EE. **Lab Delo** (4):204–8, 1976 **(Rus)**

[Use in the clinic of the TEM-1 thromboelastometer] Levitina DI, et al. **Nov Med Tekh** (3):56–7, 1976 (Eng. Abstr.) **(Rus)**

METHODS

Studies on activator formation in human plasma with streptokinase. III. Investigation of activator kinetics in undiluted plasma in terms of urokinase equivalents. Martin M. **Thromb Haemostas** 36(3):566–81, 31 Dec 76

On the reliability of plasminogen measurement employing the proactivator–activator converting method. Martin M. **Thromb Haemostas** 36(3):551–65, 31 Dec 76

Evaluation of three methods used to identify accelerated coagulability. Cohen E, et al. **Thromb Res** 10(4):587–604, Apr 77

[Use of microquantities of capillary blood for registration of the thromboelastogram] Galushkin AN, et al. **Nov Med Tekh** (3):60–1, 1976 (Eng. Abstr.) **(Rus)**

[Blood coagulation and markedness of the prethrombotic state in patients with coronary arteriosclerosis under conditions of functional test with local venous congestion] Gritsiuk AI, et al. **Ter Arkh** 48(4):19–29, 1976 (Eng. Abstr.) **(Rus)**

THROMBIN

Continuing disease process of calcific aortic stenosis. Role of microthrombi and turbulent flow. Stein PD, et al. **Am J Cardiol** 39(2):159–63, Feb 77

An improved procedure for quantitation of platelet factor 4. Saleem A, et al. **Am J Clin Pathol** 67(6):533–6, Jun 77

The effects of operative stress on the coagulation profile. Collins GJ Jr, et al. **Am J Surg** 133(5):612–6, May 77

Mechanism of action of thrombin on fibrinogen. Reaction of the n-terminal CNDr fragment from the Bbeta chain of bovine fibrinogen with bovine thrombin. Hageman TC, et al. **Arch Biochem Biophys** 179(2):506–17, Mar 77

Active site studies of human thrombin and bovine trypsin: peptide substrates. Lobo AP, et al. **Arch Biochem Biophys** 177(1):235–44, Nov 76

Mechanism of action of thrombin on fibrinogen. The reaction of thrombin with fibrinogen-like peptides containing 11, 14, and 16 residues. van Nispen JW, et al. **Arch Biochem Biophys** 182(1):227–43, Jul 77

Platelet plasma membrane glycoproteins. Identification of a proteolytic substrate for thrombin. Phillips DR, et al. **Biochem Biophys Res Commun** 75(4):940–7, 25 Apr 77

The heparin–thrombin complex in the mechanism of thrombin inactivation by heparin. Smith GF. **Biochem Biophys Res Commun** 77(1):111–7, 11 Jul 77

The partial amino acid sequence of a non-histone chromosomal protein. Walker JM, et al. **Biochem Biophys Res Commun** 73(1):72–8, 8 Nov 76

Isolation and characterization of bovine factor XII (Hageman factor). Fujikawa K, et al. **Biochemistry** 16(10):2270–8, 17 May 77

Amino acid sequences of lamprey fibrinopeptides A and B and characterizations of the junctions split by lamprey and mammalian thrombins. Cottrell BA, et al. **Biochim Biophys Acta** 453(2):426–38, 22 Dec 76

Fibrin digestion by thrombin. Comparison with plasmin-digested fibrinogen. Kang EP, et al. **Biochim Biophys Acta** 490(2):430–42, 22 Feb 77

Physicochemical properties of alpha- and beta-fibrinogenases of Trimeresurus mucrosquamatus venom. Ouyang C, et al. **Biochim Biophys Acta** 481(2):622–30, 12 Apr 77

Disulfide-linked cyanogen bromide peptides of bovine fibrinogen. II. Isolation and sequence analysis of the chain constituents from the amino terminal region. Timpl R, et al. **Biochim Biophys Acta** 490(2):420–9, 22 Feb 77

The modification of tryptophan in bovine thrombin. Uhteg LC, et al. **Biochim Biophys Acta** 491(2):551–7, 25 Apr 77

A comparison of the sulphite and thrombin methods for measuring fibrinogen concentration of plasma from patients undergoing thrombolytic therapy. Lane DA, et al. **Clin Chim Acta** 71(1):15–9, 16 Aug 76

Critical role of the conversion of the third complement component C3 (beta 1C/beta 1A) for its immunochemical quantitation. Spath P, et al. **Clin Chim Acta** 73(1):171–5, 15 Nov 76

Migration inhibition factor and the blood clotting system: effects of defibrination, heparin and thrombin. Mäkinen T, et al. **Clin Exp Immunol** 29(1):181–6, Jul 77

Acceleration of the reaction between thrombin and antithrombin III by non-stoichiometric amounts of heparin. Björk I, et al. **Eur J Biochem** 68(2):507–11, 15 Sep 76

Rat liver macrophages will not phagocytose fibrin during disseminated intravascular coagulation. Emeis JJ, et al. **Haemostasis** 5(4):193–210, 1976

Peptide aldehyde inhibitors of the fibrinogen–thrombin reaction. pp. 603–8. Bajusz S, et al. **In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.**

Blood fibrinolytic activity in cancer patients. Dube B, et al. **Indian J Pathol Microbiol** 19(3):155–60, Jul 76

Interaction of manganese with bovine prothrombin and its thrombin-mediated cleavage products. Bajaj SP, et al. **J Biol Chem** 251(20):6294–9, 25 Oct 76

Primary structure of human prethrombin 2 and alpha-thrombin. Butkowski RJ, et al. **J Biol Chem** 252(14):4942–57, 25 Jul 77

Human thrombins. Production, evaluation, and properties of alpha-thrombin. Fenton JW 2d, et al. **J Biol Chem** 252(11):3587–98, 10 Jun 77

Early events in the plasmin digestion of fibrinogen and fibrin. Effects of plasmin on fibrin polymerization. Shen LL, et al. **J Biol Chem** 252(17):6184–9, 10 Sep 77

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

Loss of sulfated proteoglycan from the surface of rabbit platelets during adenosine 5'-diphosphate-induced aggregation. Ward JV, et al. **Lab Invest** 35(4):337–42, Oct 76

Thrombin. Lundblad RL, et al. **Methods Enzymol** 45:156–76, 1976

Inhibition of platelet aggregation by cationic protein from polymorphonuclear leukocytes. Wautier JL, et al. **Pathol Biol (Paris)** 24 Suppl:23–6, Dec 76

Does coagulation have a causative role in eclampsia? Pritchard JA, et al. **Perspect Nephrol Hypertens** 5:95–102, 1976

[Effect of low-dose-heparin and its control (author's transl)] Zanoni G. **Praxis** 65(16):477–80, 20 Apr 76 (Eng. Abstr.)

Antithrombins: clinical aspects, chemical and biologic properties. Penner JA, et al. **Prog Clin Biol Res** 5:277–300, 1976 (108 ref.)

The monitoring of heparin activity during extracorporeal circulation. Gomperts ED, et al. **S Afr Med J** 51(26):973–6, 25 Jun 77

Microvascular anastomosis using a blood product sealant-adhesive. Pearl RM, et al. **Surg Gynecol Obstet** 144(2):227–31, Feb 77

Fibrin formation: the role of the fibrinogen–fibrin monomer complex. Brass EP, et al. **Thromb Haemostas** 36(1):37–48, 31 Aug 76

Newborn platelet dysfunction: a storage pool and release defect. Corby DG, et al. **Thromb Haemostas** 36(1):200–7, 31 Aug 76

The functional defects of hereditary dysfibrinogens. Marder VJ. **Thromb Haemostas** 36(1):1–8, 31 Aug 76

Calcium electrode--a method for the continuous monitoring of the platelet release reaction. Robblee LS, et al. **Thromb Haemostas** 37(3):407–12, 30 Jun 77

Reactivity of fibrinogen crosslinking sites in the absence of thrombin. Seelich T, et al. **Thromb Haemostas** 35(3):620–7, 30 Jun 76

Potentiation by alpha and inhibition by beta-adrenergic stimulations of rat platelet aggregation. A comparative study with human and rabbit platelets. Yu SK, et al. **Thromb Haemostas** 37(3):413–22, 30 Jun 77

Effect of brinase (protease I from aspergillus oryzae) on the elimination of fibrin from the lungs and pulmonary damage

in rats with induced intravascular coagulation and inhibited fibrinolysis. Diffang C, et al. **Thromb Res** 9(6):611–22, Dec 76

The purification of human acarboxy prothrombin. Characterization of its derivatives after thrombin cleavage. Guillin MC, et al. **Thromb Res** 10(2):223–33, Feb 77

The inactivation of thrombin and plasmin by antithrombin III in the presence of sepharose–heparin. Hatton MW, et al. **Thromb Res** 10(5):645–60, May 77

Prolonged thrombin clotting times in liver disease [letter] Lane DA, et al. **Thromb Res** 10(5):773–4, May 77

Human thrombin: amino acid sequence of the autocatalytically removed 13 residue A1 peptide. Walz DA, et al. **Thromb Res** 9(3):289–92, Sep 76

Factor X converting and thrombin–like activities of Bothrops jararaca snake venom. Furukawa Y, et al. **Toxicon** 15(2):97–105, 1977

Characterization of a thrombin–like enzyme from Crotalus adamanteus (Eastern diamondback rattlesnake) [proceedings]. Markland FS, et al. **Toxicon** 14(6):412–3, 76

[Experimental studies on disseminated intravascular coagulation (author's transl)] Meerbach W, et al. **Exp Pathol (Jena)** 13(1):58–67, 1977 (Eng. Abstr.) **(Ger)**

[The jet–wash–technique (author's transl)] Schneider ML, et al. **Geburtshilfe Frauenheilkd** 36(8):625–30, Aug 76 (Eng. Abstr.) **(Ger)**

[Fibrin adhesion (orientating animal experiments) (author's transl)] Slezak H, et al. **Klin Monatsbl Augenheilkd** 170(3):450–3, Mar 77 (Eng. Abstr.) **(Ger)**

[Dysfibrinogenemia. A new case: dysfibrinogenemia Giessen III (author's transl)] Matthias FR, et al. **Klin Wochenschr** 55(11):539–43, 1 Jun 77 (Eng. Abstr.) **(Ger)**

[Control of heparinization in the hemodialysis for acute kidney failure] Vogel GE, et al. **Med Welt** 28(19):899–902, 13 May 77 **(Ger)**

[Informative value of control methods for postoperative supervision of medication with aspirin and heparin (author's transl)] Schöndorf TH, et al. **Munch Med Wochenschr** 119(4):119–22, 28 Jan 77 (Eng. Abstr.) **(Ger)**

[Anastomosis of the vas deferens employing concentrated fibrinogen: an experimental study in rabbits (authors transl)] Pflüger H, et al. **Wien Klin Wochenschr** 88(24):800–3, 24 Dec 76 (Eng. Abstr.) **(Ger)**

[Tissue adhesion and local haemostasis using fibrinogen, thrombin and clotting factor xiii. (experimental investigations––clinical experience) (author's transl)] Spängler HP. **Wien Klin Wochenschr [Suppl]** 88(49):3–18, 1976 (Eng. Abstr.) **(Ger)**

[The studies on the influence of heparin on the reaction of antithrombin with thrombin, and the optimal dosis of heparin in the reaction (author's transl)] Meguro T, et al. **Acta Haematol Jpn** 40(2):213–7, Apr 77 (Eng. Abstr.) **(Jpn)**

[Chemistry of growth hormone] Yanaihara N. **Clin Endocrinol (Tokyo)** 25(2):123–30, Feb 77 (24 ref.) **(Jpn)**

[Formation of the prothrombin–phosphatidyl serine and thrombin–phosphatidyl serine complex] Mukhacheva IA, et al. **Biokhimiia** 41(12):2130–5, Dec 76 (Eng. Abstr.) **(Rus)**

[Use of protamine sulfate, epsilon–aminocaproic acid and serotonin in experimental hypofibrinogenemia and fibrinolysis caused by stimulation of the anticoagulant system] Kalishevskaia TM, et al. **Biol Nauki** (10):69–75, 1976 **(Rus)**

[Microcalorimetric studies of the transformation of fibrinogen into fibrin catalyzed by thrombin] Rozenfel'd MA, et al. **Izv Akad Nauk SSSR [Biol]** (6):804–12, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Thrombin–induced vasodilation in the hindlimb (dog). Yonce LR, et al. **Blood Vessels** 14(3):129–40, May 77

Topical thrombin and control of wound haematoma. Jasani B, et al. **Lancet** 2(8033):332–3, 13 Aug 77

Thrombin–induced platelet prostaglandin and cyclic AMP production and a possible intrinsic modulation of platelet function. Droller MJ. **Scand J Haematol** 17(3):167–78, SEP 76

Pleocytosis and elevation of prostaglandins F2a and E2 in cerebrospinal fluid following intracisternal injection of thrombin. Hagen AA, et al. **Stroke** 8(2):236–8, Mar–Apr 77

Effect of dextran on clotting time: steric exclusion accelerates fibrin monomer polymerisation. Rampling MW, et al. **Thromb Res** 9(4):379–86, Oct 76

[Percutaneous, transhepatic thrombosis of the coronary vein in the treatment of bleeding oesophageal varices (author's transl)] Günther R, et al. **Fortschr Geb Roentgenstr Nuklearmed** 126(1):6–10, Jan 77 (Eng. Abstr.) **(Ger)**

[Use of topical hemostatic preparations in surgery] Pavlovskii DP, et al. **Klin Khir** (8):66–72, Aug 76 **(Rus)**

ANALYSIS

Measurement of endotoxin. II. Comparison of reactivities measured by radioimmunoassay and with the Limulus test. Kimura H. **Acta Med Okayama** 30(4):257–70, Aug 76

Human thrombin: partial primary structure. Thompson AR, et al. **Arch Biochem Biophys** 178(2):356–67, 30 Jan 77

Isolation and characterization of an active three–chain molecular species of bovine thrombin. Giglio JR, et al. **Biochem J** 159(1):29–33, 1 Oct 76

Impaired fibrin formation in advanced cirrhosis. Dettori AG, et al. **Haemostasis** 6(2):137–48, 1977

Amidolytic assay of thrombin bound to alpha2–macroglobulin in plasma. Musumeci V, et al. **Haemostasis** 6(2):98–109, 1977

The measurement of thrombin in clotting blood by radioimmunoassay. Shuman MA, et al. **J Clin Invest** 58(5):1249–58, Nov 76

Coagulation factors influencing thrombosis of aorta–coronary bypass grafts. Zajtchuk R, et al. **J Thorac Cardiovasc Surg** 73(2):309–11, Feb 77

beta–thromboglobulin and heparin–neutralising activity test in clinical conditions [letter] **Lancet** 1(8022):1153–4, 28 May 77

Congenital release thrombocytopathy: pathophysiology and management. Adashi E, et al. **Obstet Gynecol** 48(4):403–6, Oct 76

Laboratory modalities for assessing hemostasis during cardiopulmonary bypass. Fekete LF, et al. **Semin Thromb Hemostas** 3(2):83–9, Oct 76

Problems in the assay of thrombin using synthetic peptides as substrates. Gaffney PJ, et al. **Thromb Res** 10(4):549–56, Apr 77

PURITY AND GENUINITY OF HUMAN FIBRINOGEN [LETTER]. Godal HC, et al. **Thromb Res** 9(4):419–21, Oct 76

Estimation and characterization of soluble fibrin monomer complexes during endotoxin–induced intravascular coagulation. Hafter R, et al. **Thromb Res** 10(5):711–20, May 77

Characterization of a thrombin–like enzyme from Crotalus adamanteus (Eastern diamondback rattlesnake) [proceedings]. Markland FS, et al. **Toxicon** 14(6):412–3, 76

[Change in fibrinogen and enzymatic and nonenzymatic fibrinolytic activity of blood in patients with low–degree rheumatic heart disease under the effect of treatment with acetylsalicylic acid] Andreenko GV, et al. **Ter Arkh** 48(11):64–70, 1976 (Eng. Abstr.) **(Rus)**

[Comparative study of blood viscosity, thromboelastogram and platelet aggregation in normal subjects and chronic bronchitis patients with secondary polyglobulin] de la Vega Vázquez JM, et al. **Rev Clin Esp** 142(3):223–6, 15 Aug 76 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Remarks on the interaction of thrombim and heparin. Arányi P, et al. **Arch Biochem Biophys** 181(2):678–9, Jun 77

Cyclic adenosine 3',5'–monophosphate and prostacyclin inhibit membrane phospholipase activity in platelets. Lapetina EG, et al. **Biochem Biophys Res Commun** 76(3):828–35, 6 Jun 77

The heparin–thrombin complex in the mechanism of thrombin inactivation by heparin. Smith GF. **Biochem Biophys Res Commun** 77(1):111–7, 11 Jul 77

Inactivation of human thrombin in the presence of human alpha1–proteinase inhibitor. Matheson NR, et al. **Biochem J** 159(3):495–502, 1 Dec 76

Trypsin–induced phospholipase activity in human platelets. Pickett WC, et al. **Biochem J** 160(2):405–8, 15 Nov 76

Thrombin activation of factor VIII: the effect of inhibitors. Rick ME, et al. **Br J Haematol** 36(4):585–97, Aug 77

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

The function of heparin. pp. 101–19. Rosenberg RD. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Peptide aldehyde inhibitors of the fibrinogen–thrombin reaction. pp. 603–8. Bajusz S, et al. **In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.**

Activation of stimulus–specific serine esterases (proteases) in

the initiation of platelet secretion. I. Demonstration with organophosphorus inhibitors. Henson PM, et al. **J Exp Med** 144(6):1657–73, 1 Dec 76

Carrageenan and thrombin trigger prostaglandin synthetase-independent aggregation of rabbit platelets: inhibition by phospholipase A2 inhibitors. Vargaftig BB. **J Pharm Pharmacol** 29(4):222–8, Apr 77

Disseminated intravascular coagulation in patients with infections: diagnostic and therapeutic approach. Hawiger J. **Mater Med Pol** 8(2):206–12, Apr–Jun 76 (27 ref.)

In vitro and in vivo correlation of clotting protease activity: effect of heparin. Gitel SN, et al. **Proc Natl Acad Sci USA** 74(7):3028–32, Jul 77

Inactivation of alpha- and beta- thrombin by antithrombin-III and heparin. Machovich R, et al. **Thromb Haemostas** 36(3):503–8, 31 Dec 76

[Synthetic inhibitors of serine proteinases. 13. Quantitative structure-activity relationship for inhibition of trypsin and thrombin by 4-amidinophenyl compounds with a ketone structure] Stürzebecher J, et al. **Acta Biol Med Ger** 35(12):1665–76, 1976 (Eng. Abstr.) **(Ger)**

[Synthetic inhibitors of serine proteinases. 10. The inhibition of trypsin, plasmin and thrombin by 4-amidinophenylaralkanone] Stürzebecher J, et al. **Pharmazie** 31(12):886–8, 1976 **(Ger)**

[Synthetic inhibitors of serine proteinases. 9. The inhibition of tryspsin,plasmin and thrombin by amidinophenyl-, amidinobenzyl- and beta-(amidinophenyl)ethylarylketons] Walsmann P, et al. **Pharmazie** 31(10):733–5, 1976 **(Ger)**

[Inhibition mechanism to thrombin by antithrombins (author's transl)] Nishibe H. **Jpn J Clin Pathol** 24(5):425–8, May 76 **(Jpn)**

[Effect of 4-amidinophenylpyruvic acid on the generalized Sanarelli-Shwartzman phenomenon] Kleking GP, et al. **Farmakol Toksikol** 39(5):609–12, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

The activation of prothrombin complex concentrates by calcium in vitro. Exner T, et al. **Biomedicine [Express]** 27(2):62–5, Mar 77

Evidence that washed human platelets possess factor-X activator activity. Semeraro N, et al. **Br J Haematol** 36(1):107–15, May 77

The 'echis carinatus venom' prothrombin assay in coumarin treated patients. A comparison with one-stage and immunological assays. Girolami A, et al. **Folia Haematol (Leipz)** 103(5):746–57, 1976

Factor V and VIII activation 'in vivo' during bleeding. Evidence of thrombin formation at the early stage of hemostasis. Jensen AH, et al. **Pathol Biol (Paris)** 24 Suppl:6–10, Dec 76

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

Fibrinogen and its derivatives: cofactors in the intrinsic generation of thrombin. Triantaphyllopoulos DC, et al. **Thromb Haemostas** 35(2):305–13, 30 Apr 76

[Postoperative and post-traumatic coagulation disorders: diagnosis and treatment. 1. Pathogenesis, clinical classification, diagnosis] Marx R. **Fortschr Med** 95(10):603–7, 10 Mar 77 **(Ger)**

[Mechanism of changes in blood clotting and fibrinolysis under the influence of a constant electric current] Mishchenko VP, et al. **Biofizika** 22(3):489–92, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Treatment of acute venous thrombosis using continuous infusion of a rheopolyglucin-heparin mixture] Shestakov VA, et al. **Kardiologiia** 16(11):87–92, Nov 76 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

Very early recognition of coronary heart disease [letter] O'Brian JR. **Br Med J** 1(6075):1534, 11 Jun 77

Whole-blood thrombin time: a bedside method for determination of heparin activity. Wilhelmsson S, et al. **Clin Nephrol** 6(6):523–5, Dec 76

Platelet thrombopathy in asthmatic patients with elevated immunoglobulin e. Maccia CA, et al. **J Allergy Clin Immunol** 59(2):101–8, Feb 77

[Mode of action and control of 'low dose heparin' (author's transl)] Bruhn HD, et al. **Med Klin** 72(9):349–52, 4 Mar 77 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

Human thrombin: partial primary structure. Thompson AR, et al. **Arch Biochem Biophys** 178(2):356–67, 30 Jan 77

Isolation and characterization of an active three-chain molecular species of bovine thrombin. Giglio JR, et al. **Biochem J** 159(1):29–33, 1 Oct 76

Physicochemical properties of alpha- and beta-fibrinogenases of Trimeresurus mucrosquamatus venom. Ouyang C, et al. **Biochim Biophys Acta** 481(2):622–30, 12 Apr 77

Human thrombins. Production, evaluation, and properties of alpha-thrombin. Fenton JW 2d, et al. **J Biol Chem** 252(11):3587–98, 10 Jun 77

Thrombin. Lundblad RL, et al. **Methods Enzymol** 45:156–76, 1976

Thrombin-like enzyme from the venom of Crotalus adamanteus (eastern diamondback rattlesnake). Markland FS, et al. **Thromb Res** 10(3):487–94, Mar 77

Isolation of thrombin-like factors from Malayan pit viper venom by affinity chromatography. Gaebert AK. **Toxicon** 15(3):217–24, 1977

METABOLISM

The isolation and amino acid sequence of some thrombin produced porcine tropoelastin peptides. Torres AR, et al. **Adv Exp Med Biol** 79:267–76, 1977

Role of fibrinopeptide B release: comparison of fibrins produced by thrombin and Ancrod. Shen LL, et al. **Am J Physiol** 232(6):H629–33, Jun 77

Protamine, a substrate for thrombolytic agents and enzymes of similar specificity. Ong EB, et al. **Anal Biochem** 75(2):568–82, Oct 76

Remarks on the interaction of thrombim and heparin. Arányi P, et al. **Arch Biochem Biophys** 181(2):678–9, Jun 77

Mechanism of action of thrombin on fibrinogen. Reaction of the n-terminal CNDr fragment from the Bbeta chain of bovine fibrinogen with bovine thrombin. Hageman TC, et al. **Arch Biochem Biophys** 179(2):506–17, Mar 77

Active site studies of human thrombin and bovine trypsin: peptide substrates. Lobo AP, et al. **Arch Biochem Biophys** 177(1):235–44, Nov 76

Mechanism of action of thrombin on fibrinogen. The reaction of thrombin with fibrinogen-like peptides containing 11, 14, and 16 residues. van Nispen JW, et al. **Arch Biochem Biophys** 182(1):227–43, Jul 77

The endothelium: roles in thrombosis and hemostasis Mason RG, et al. **Arch Pathol Lab Med** 101(2):61–4, Feb 77 (96 ref.)

Cyclic adenosine 3',5'-monophosphate and prostacyclin inhibit membrane phospholipase activity in platelets. Lapetina EG, et al. **Biochem Biophys Res Commun** 76(3):828–35, 6 Jun 77

Platelet plasma membrane glycoproteins. Identification of a proteolytic substrate for thrombin. Phillips DR, et al. **Biochem Biophys Res Commun** 75(4):940–7, 25 Apr 77

The heparin-thrombin complex in the mechanism of thrombin inactivation by heparin. Smith GF **Biochem Biophys Res Commun** 77(1):111–7, 11 Jul 77

High affinity binding of thrombin to platelets. Inhibition by tetranitromethane and heparin. Workman EF Jr, et al. **Biochem Biophys Res Commun** 75(4):925–32, 25 Apr 77

Possible physiological role of new peptide fragments released from bovine high molecular weight kininogen by plasma kallikrein. Oh-ishi S, et al. **Biochem Pharmacol** 26(2):115–20, 15 Jan 77

Rat liver prothrombin precursors: purification of a second, more basic form. Grant GA, et al. **Biochemistry** 15(24):5387–93, 30 Nov 76

Equilibrium binding of thrombin to platelets. Martin BM, et al. **Biochemistry** 15(22):4886–93, 2 Nov 76

Effect of heparin modification on its activity in enhancing the inhibition of thrombin by antithrombin III. Danishefsky I, et al. **Biochim Biophys Acta** 498(1):215–22, 23 Jun 77

The perturbation of thrombin binding to human platelets by trypsin and neuraminidase. Ganguly P. **Biochim Biophys Acta** 498(1):21–8, 23 Jun 77

Physicochemical properties of alpha- and beta-fibrinogenases of Trimeresurus mucrosquamatus venom. Ouyang C, et al. **Biochim Biophys Acta** 481(2):622–30, 12 Apr 77

Unique pattern of fibrinogen cleavage by human leukocyte proteases. Bilezikian SB, et al. **Blood** 50(1):21–8, Jul 77

Binding of thrombin to human platelets and its possible significance. Ganguly P, et al. **Br J Haematol** 34(2):291–301, Oct 76

Abnormal fibrin polymerization in liver disease. Green G, et al. **Br J Haematol** 34(3):427–39, Nov 76

Acquired dysfibrinogenaemia in acute and chronic liver disease. Lane DA, et al. **Br J Haematol** 35(2):301–8, Feb

77
In vitro thrombogenicity tests of factor IX concentrates. Pepper DS, et al. **Br J Haematol** 36(4):573–83, Aug 77
Platelet antithrombins: role of thrombin binding and the release of platelet fibrinogen. Watanabe K, et al. **Br J Haematol** 35(1):123–33, Jan 77
Methods for semi micro or automated determination of thrombin, antithrombin, and heparin cofactor using he substrate, H-D-Phe-Pip-Arg-p-nitroanilide-2HCl. Scully MF, et al. **Clin Chim Acta** 79(3):595–602, 15 Sep 77
Acceleration of the reaction between thrombin and antithrombin III by non-stoichiometric amounts of heparin. Björk I, et al. **Eur J Biochem** 68(2):507–11, 15 Sep 76
Interaction of heparin with thrombin and antithrombin III. Feinman RD, et al. **Fed Proc** 36(1):51–5, Jan 77
Amidolytic assay of thrombin bound to alpha2-macroglobulin in plasma. Musumeci V, et al. **Haemostasis** 6(2):98–109, 1977
The biochemistry of prothrombin activation. pp. 61–99. Jackson CM.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (175 ref.)
Coagulation, heparin and thromboembolism. pp. 283–92. Schander K, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
The role of proteases in biological regulation. pp. 29–42. Neurath H, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (21 ref.)
Blood fibrinolytic activity before and after oral surgery. Gersel-Pedersen N. **Int J Oral Surg** 6(1):42–7, Feb 77
Interaction of manganese with bovine prothrombin and its thrombin-mediated cleavage products. Bajaj SP, et al. **J Biol Chem** 251(20):6294–9, 25 Oct 76
Reactions of human platelets with microspheres of poly(hydroxymethyl methacrylate) and polyacrylamide. Kronick PL, et al. **J Biomed Mater Res** 11(1):39–50, Jan 77
Interrelations of platelet aggregation and secretion. Charo IF, et al. **J Clin Invest** 60(4):866–73, Oct 77
The generation of fibrinopeptide A in clinical blood samples: evidence for thrombin activity. Nossel HL, et al. **J Clin Invest** 58(5):1136–44, Nov 76
Some effects of calcium on the activation of human factor VIII/Von Willebrand factor protein by thrombin. Switzer ME, et al. **J Clin Invest** 60(4):819–28, Oct 77
Crossed immunoelectrophoresis as applied to studies on complex formation. The binding of heparin to antithrombin III and the antithrombin III--thrombin complex. Andersson LO, et al. **J Immunol Methods** 14(3–4):271–81, 1977
Antithrombin-heparin cofactor. Damus PS, et al. **Methods Enzymol** 45:653–69, 1976
Pulmonary tissue fibrinolysis in traumatized rats pretreated with tranexamic acid. Risberg B, et al. **Microvasc Res** 13(1):91–5, Jan 77
New polymorphism of platelet membrane glycoproteins. Bolin RB, et al. **Nature** 269(5623):69–70, 1 Sep 77
Improved procedures for the purification of selected vitamin K-dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38, 1976 (95 ref.)
In vitro and in vivo correlation of clotting protease activity: effect of heparin. Gitel SN, et al. **Proc Natl Acad Sci USA** 74(7):3028–32, Jul 77
Binding and internalization of thrombin by normal and transformed chick cells. Zetter BR, et al. **Proc Natl Acad Sci USA** 74(2):596–600, Feb 77
Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)
Formation of a serine enzyme in the presence of bovine factor VIII (antihemophilic factor) and thrombin. Vehar GA, et al. **Science** 197(4301):374–6, 22 Jul 77
Studies on the action mechanism of the antihemostatic effect of lodopeptides. Golub AL, et al. **Thromb Haemostas** 35(2):437–46, 30 Apr 76
Studies of an inhibitor of the thrombin-fibrinogen reaction localized in rat liver microsomes. Interference with the polymerization step. Helgeland L. **Thromb Haemostas** 36(3):509–16, 31 Dec 76
Observation of a high molecular weight platelet protein released by thrombin [letter] Lawler JW, et al. **Thromb Haemostas** 37(2):355–7, 30 Apr 77
Thrombin elaboration in endotoxin-induced intravascular fibrin deposition. A leukocyte dependent process distinct from systemic hypercoagulability. Lipinski B, et al. **Thromb Haemostas** 36(3):615–22, 31 Dec 76
Regulation of the thrombin time in cirrhosis. Braunstein KM, et al. **Thromb Res** 9(4):301–17, Oct 76
An abnormal fibrinogen in a Venezuelan family. de Bosch NB, et al. **Thromb Res** 10(2):253–65, Feb 77
Release of platelet factor 4 (PF4) measured by a polybrene assay in response to in vitro platelet damage. Levine SP, et al. **Thromb Res** 10(1):1–10, Jan 77
Effect of calcium phosphate on thrombin and on its sensitivity to heparin and antithrombin-III. Machovich R. **Thromb Res** 9(2):123–31, Aug 76
Potentiation of the thrombin induced platelet release reaction by fibrin. Niewiarowski S, et al. **Thromb Res** 9(2):181–90, Aug 76
Characteristics and thrombogenicity of prothrombin complex concentrates. Sakuragawa N, et al. **Thromb Res** 10(2):315–8, Feb 77
Estrogen incubation of fibrinogen: failure to demonstrate soluble fibrin monomer complexes. Stemberger A, et al. **Thromb Res** 9(3):233–9, Sep 76
The activation of factor X evaluated by using synthetic substrates. Suomela H, et al. **Thromb Res** 10(2):267–81, Feb 77
Human thrombin: amino acid sequence of the autocatalytically removed 13 residue A1 peptide. Walz DA, et al. **Thromb Res** 9(3):289–92, Sep 76
Platelet-thrombin interactions as assessed by affinity chromatography. Workman EF Jr, et al. **Thromb Res** 9(5):491–503, Nov 76
[Activation of plasma Factor XIII by acetylated thrombin] Orlova AS, et al. **Biokhimiia** 42(2):297–9, Feb 77 (Eng. Abstr.) **(Rus)**
[Prothrombin activation by immobilized thrombin] Strukova SM. **Biokhimiia** 41(4):643–9, Apr 76 (Eng. Abstr.) **(Rus)**
[Effect of unsaturated fatty acids, vitamin A and heparin on the initial stages of thrombin-131I clearance and the functional state of the anticoagulant system of animals following its depression by an atherogenic diet] Bazaz'ian GG, et al. **Biol Nauki** (4):69–74, 1977 **(Rus)**
[Thrombin clearance and the activity of complex heparin compounds during recovery of the function of the anticoagulation system in animals maintained on an atherogenic diet] Kudriashov BA, et al. **Kardiologiia** 16(10):138–9, Oct 76 **(Rus)**
[Importance of heparin in thrombin-131I clearance and in the complex formation processes in animals under experimental restoration of the function of the anticoagulating system] Kudriashov BA, et al. **Kardiologiia** 17(2):120–3, 1977 (Eng. Abstr.) **(Rus)**
[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov-Dec 76 (77 ref.) **(Rus)**
[Delay in thrombin clearance as a diagnostic test of prethrombosis in depression of the anticoagulation system caused by atherogenic diet] Kudriashov BA, et al. **Vopr Med Khim** 22(6):736–40, Nov-Dec 76 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Prostaglandin F2alpha as a mediator of pulmonary changes during platelet aggregation. Rådegran K, et al. **Acta Anaesthesiol Scand** 21(3):168–73, 1977
Studies on human platelets stored at 20–22 degrees C without agitation. Vainer H, et al. **Acta Haematol (Basel)** 56(3):160–73, 1976
Prostaglandins and platelet function. Salzman EW. **Adv Prostaglandin Thromboxane Res** 2:767–80, 1976 (66 ref.)
In vivo and in vitro effects of thrombin and plasmin on human factor VIII (AHF). Lian EC, et al. **Am J Hematol** 1(4):481–91, 1976
The effect of thrombin on the uptake and transformation of arachidonic acid by human platelets. Russell FA, et al. **Am J Hematol** 1(1):59–70, 1976
Effects of nitroblue tetrazolium and vitamin E on platelet ultrastructure, aggregation, and secretion. White JG, et al. **Am J Pathol** 88(2):387–402, Aug 77
Fibrinogen synthesis in rabbits: effects of altered levels of circulating fibrinogen. Alving BM, et al. **Am J Physiol** 232(5):H478–84, May 77
Inhibition of platelet secretion by an antagonist of intracellular calcium. Charo IF, et al. **Biochem Biophys Res Commun** 72(4):1462–7, 18 Oct 76
Relationship between phosphorylation of blood platelet proteins and secretion of platelet granule constituents. I. Effects of different aggregating agents. Haslam RJ, et al. **Biochem Biophys Res Commun** 77(2):714–22, 25 Jul 77
Reversal of platelet aggregation by aortic microsomes. Ho PP, et al. **Biochem Biophys Res Commun** 74(2):514–9, 24

Jan 77

Trypsin-induced phospholipase activity in human platelets. Pickett WC, et al. **Biochem J** 160(2):405-8, 15 Nov 76

Effects of reserpine on rabbit platelet aggregation and adherence to collagen or injured rabbit aorta. Cazenave JP, et al. **Biochem Pharmacol** 26(2):149-57, 15 Jan 77

Demonstration and evaluation of apparent cytoplasmic and vesicular serotonin compartments in human platelets. Costa JL, et al. **Biochem Pharmacol** 26(6):517-21, 15 Mar 77

Serotonin transport and storage in rabbit blood platelets--the effects of reserpine and imipramine. Reimers HJ, et al. **Biochem Pharmacol** 26(18):1645-55, 15 Sep 77

Cyclic nucleotides and platelet aggregation. Effect of aggregating agents on the activity of cyclic nucleotide-metabolizing enzymes. Barber AJ. **Biochim Biophys Acta** 444(2):579-95, 24 Sep 76

Adenine nucleotide metabolism of blood platelets. IX. Time course of secretion and changes in energy metabolism in thrombin-treated platelets. Fukami MH, et al. **Biochim Biophys Acta** 444(3):633-43, 22 Oct 76

Initiation of phospholipase A2 activity in human platelets by the calcium ion ionophore A23187. Pickett WC, et al. **Biochim Biophys Acta** 486(1):209-13, 18 Jan 76

The activation of prothrombin complex concentrates by calcium in vitro. Exner T, et al. **Biomedicine [Express]** 27(2):62-5, Mar 77

Thrombin decreases platelet cyclic AMP in the absence of prostaglandin synthesis. Lagarde M, et al. **Biomedicine [Express]** 27(3):110-2, Apr 77

In situ observation of dense-body release from hydrated human platelets. Costa JL. **Biophys J** 19(3):307-13, Sep 77

Inhibition and potentiation of platelet function by lysolecithin. Joist JH, et al. **Blood** 49(1):101-12, Jan 77

Labeling of the releasable adenine nucleotides of washed human platelets. Reimers HJ, et al. **Blood** 49(1):89-99, Jan 77

Rabbit factor VIII: identification of size heterogeneity. Rick ME, et al. **Blood** 49(2):209-17, Feb 77

Thrombin-induced vasodilation in the hindlimb (dog). Yonce LR, et al. **Blood Vessels** 14(3):129-40, May 77

Abnormal platelet function in Chediak-Higashi syndrome. Boxer GJ, et al. **Br J Haematol** 35(4):521-533, Apr 77

Factor VIII and human platelet aggregation. IV. Effect of proteolytic enzymes on platelet aggregation by factor VIII. Vermylen J, et al. **Br J Haematol** 34(2):331-40, Oct 76

The distribution and metabolism of arachidonic acid in rabbit platelets during aggregation and its modification by drugs. Blackwell GJ, et al. **Br J Pharmacol** 59(2):353-66, Feb 77

Effects of prostaglandin synthetase inhibitors and of other drugs on aggregation of plasma-free rabbit platelets by carrageenan and by thrombin [proceedings]. Vargaftig BB. **Br J Pharmacol** 58(3):448P, Nov 76

Ammonia production during clot retraction and its use in assay of fibrinoligase. Mousli S, et al. **Clin Chem** 23(9):1739-43, Sep 77

The effect of 2,3-diphosphoglycerate on oxygen consumption burst in thrombin-stimulated platelets. Principe DD, et al. **Clin Chim Acta** 75(2):325-9, 1 Mar 77

The abscence of intravascular clotting in rat anaphylaxis. Fésüs L, et al. **Experientia** 32(11):1477-8, 15 Nov 76

Studies on the mechanism of heparin action by modification of its structure. Danishefsky I. **Fed Proc** 36(1):33-5, Jan 77

Platelet uptake of octopamine and norepinephrine in hepatic encephalopathy. Morelli A, et al. **Gastroenterology** 73(3):560-4, Sep 77

Role of platelets in hemostasis and thrombosis. pp. 23-37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)

Human thrombins. Production, evaluation, and properties of alpha-thrombin. Fenton JW 2d, et al. **J Biol Chem** 252(11):3587-98, 10 Jun 77

Platelet cyclic 3':5'-nucleotide phosphodiesterase released by thrombin and calcium ionophore. Hidaka H, et al. **J Biol Chem** 251(23):7508-16, 10 Dec 76

Stimulation of prostaglandin synthesis by bradykinin and thrombin and their mechanisms of action on MC5-5 fibroblasts. Hong SL, et al. **J Biol Chem** 251(18):5814-6, 25 Sep 76

Stimulation of growth and calcium influx in cultured, bovine, aortic endothelial cells by platelets and vasoactive substances. D'Amore P, et al. **J Cell Physiol** 92(2):177-83, Aug 77

Proteases stimulate proliferation of human fibroblasts. Pohjanpelto P. **J Cell Physiol** 91(3):387-92, Jun 77

Thrombin potentiates the mitogenic response of cultured fibroblasts to serum and other growth promoting agents. Zetter BR, et al. **J Cell Physiol** 92(2):233-9, Aug 77

Selective release of archidonic acid from the phospholipids of human platelets in response to thrombin. Bills TK, et al. **J Clin Invest** 60(1):1-6, Jul 77

Enhancement of platelet function by superoxide anion. Handin RI, et al. **J Clin Invest** 59(5):959-65, May 77

Cyclic adenosine 3',5'-monophosphate inhibits the availability of arachidonate to prostaglandin synthetase in human platelet suspensions. Minkes M, et al. **J Clin Invest** 59(3):449-54, Mar 77

The mobilization of arachidonic acid in platelets exposed to thrombin or ionophore A23187. Effects of adenosine triphosphate deprivation. Rittenhouse-Simmons S, et al. **J Clin Invest** 60(2):495-8, Aug 77

Activation of stimulus-specific serine esterases (proteases) in the initiation of platelet secretion. I. Demonstration with organophosphorus inhibitors. Henson PM, et al. **J Exp Med** 144(6):1657-73, 1 Dec 76

Platelet-aggregating factor and the aggregation of fixed washed platelets. Cooper HA, et al. **J Lab Clin Med** 90(3):512-21, Sep 77

Adenine nucleotides in thrombin-degranulated platelets: effect of prolonged circulation in vivo. Reimers HJ, et al. **J Lab Clin Med** 90(3):490-501, Sep 77

Carrageenan and thrombin trigger prostaglandin synthetase-independent aggregation of rabbit platelets: inhibition by phospholipase A2 inhibitors. Vargaftig BB. **J Pharm Pharmacol** 29(4):222-8, Apr 77

Quantitative evaluation of the loss of human platelet dense bodies following stimulation by thrombin or A23187. Costa JL, et al. **J Physiol (Lond)** 264(1):297-306, Jan 77

Failure of certain antiplatelet drugs to affect myointimal thickening following arterial endothelial injury in the rat. Clowes AW, et al. **Lab Invest** 36(4):452-64, Apr 77

The functional capacity of guinea pig megakaryocytes. I. Uptake of 3H-serotonin by megakaryocytes and their physiologic and morphologic response to stimuli for the platelet release reaction. Fedorko ME. **Lab Invest** 36(3):310-20, Mar 77

Inhibition of platelet aggregation by a myeloma protein with anti-phosphocholine specificity. Fiedel BA, et al. **Nature** 263(5579):687-9, 21 Oct 76

Dietary essential fatty acids, prostaglandin formation and platelet aggregation. **Nutr Rev** 34(8):243-6, Aug 76 (12 ref.)

Effects of urotensin I on afterload redcution by specific dilatation of the mesenteric vascular bed. MacCannell KL, et al. **Proc West Pharmacol Soc** 20:143-7, 1977

Elevated prostaglandins synthetase activity in methylcholanthrene-transformed mouse BALB/3T3. Hong SL, et al. **Prostaglandins** 13(2):271-9, Feb 77

Biosynthesis of prostaglandin D2. 1. Formation of prostaglandin D2 by human platelets. Oelz O, et al. **Prostaglandins** 13(2):225-34, Feb 77

Prostaglandin production by methylcholanthrene-transformed mouse BALB/3T3: inhibition by cytochalasin B. Pong SS, et al. **Prostaglandins** 12(5):803-9, Nov 76

Prostaglandin production by methylcholanthrene-transformed mouse BALB/3T3: effect of oxidative phosphorylation inhibitors. Pong SS, et al. **Prostaglandins** 13(1):65-71, Jan 77

Thrombin-induced platelet prostaglandin and cyclic AMP production and a possible intrinsic modulation of platelet function. Droller MJ. **Scand J Haematol** 17(3):167-78, SEP 76

The effect of phospholipase C on rat blood platelets in vivo. Gierecksky KE. **Scand J Haematol** 18(3):219-25, Mar 77

In vitro platelet stain preventing (degranulating) effect of various substances, Study of mechanism of action. Stavem P, et al. **Scand J Haematol** 18(2):170-6, Feb 77

Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. Holmsen H. **Ser Haematol** 8(3):50-80, 1975 (148 ref.)

Pleocytosis and elevation of prostaglandins F2a and E2 in cerebrospinal fluid following intracisternal injection of thrombin. Hagen AA, et al. **Stroke** 8(2):236-8, Mar-Apr 77

Assay of the esterase activity of thrombin, plasmin and trypsin with a chromogenic substrate p-nitrobenzyl p-toluenesulfonyl-l-arginine. Aogaichi T, et al. **Thromb Haemostas** 37(2):253-61, 30 Apr 77

Comparison of the actions of thrombin and the thrombin-like venom enzymes ancrod and batroxobin. Aronson DL. **Thromb Haemostas** 36(1):9-13, 31 Aug 76

Microvascular haemostasis and the effect of local stimulation and inhibition of platelet function. An experimental study in rabbits. Bergqvist D, et al. **Thromb Haemostas** 36(1):133-9, 31 Aug 76

Alterations in human-platelet serotonin uptake following the addition of thrombin or A 23187 [letter]. Costa JL, et al. **Thromb Haemostas** 37(1):177-9, 28 Feb 77

Oxygen consumption in platelets of newborn infants before and after stimulation by thrombin. Del Principe D, et al. **Thromb Haemostas** 35(3):712–6, 30 Jun 76

Clottability and cross-linking reactivity of fibrin(ogen) following differential release of fibrinopeptides A and B. Furlan M, et al. **Thromb Haemostas** 36(3):582–92, 31 Dec 76

The effect of the fibrinogen concentration and the leukocyte count on intravascular fibrin deposition from soluble fibrin monomer complexes. Gurewich V, et al. **Thromb Haemostas** 36(3):605–14, 31 Dec 76

Metabolic properties of human platelet membranes. II. Thrombin-induced phosphorylation of membrane lipids and demonstration of phosphorylating enzymes in the platelet membrane. Kaulen HD, et al. **Thromb Haemostas** 35(2):364–76, 30 Apr 76

Properties of washed human platelets. Kinlough-Rathbone RL, et al. **Thromb Haemostas** 37(2):291–308, 30 Apr 77

Effects of thrombin, chymotrypsin and aggregated gamma-globulins on the proteins of the human platelet membrane. Podolsak B. **Thromb Haemostas** 37(3):396–406, 30 Jun 77

Effect of thrombin on phosphorylation of platelet membrane proteins. Steiner M. **Thromb Haemostas** 35(3):635–42, 30 Jun 76

Inhibition of human platelet aggregation by phospholipase-A. Iatridis SG, et al. **Thromb Res** 9(4):335–44, Oct 76

Effect of diet-induced hyperlipidemia on in vitro-function of rabbit platelets. Joist JH, et al. **Thromb Res** 9(5):435–45, Nov 76

Influence of thrombin-induced disseminated intravascular coagulation on RES functions in rabbits. Lahnborg G, et al. **Thromb Res** 9(6):653–6, Dec 76

Thrombin-like enzyme from the venom of Crotalus adamanteus (eastern diamondback rattlesnake). Markland FS, et al. **Thromb Res** 10(3):487–94, Mar 77

The influence of drugs on disseminated intravascular coagulation (DIC). I. Effects of antifibrinolytics and fibrinolytics on thrombin-induced DIC in rats. Markwardt F, et al. **Thromb Res** 9(2):143–52, Aug 76

Influence of dihydroergotoxine on platelet aggregation in rabbits. Markwardt F, et al. **Thromb Res** 10(6):783–9, Jun 77

The extract from the tissue of gastric cancer as procoagulant in disseminated intravascular coagulation syndrome. Sakuragawa N, et al. **Thromb Res** 10(3):457–63, Mar 77

Effect of thrombin and ADP on a membrane bound cyclic AMP dependent kinase of human platelets. Studies on normal platelets and those from patients with Von Willebrand's disease. Smith D, et al. **Thromb Res** 10(2):301–8, Feb 77

[Evaluation of a method of study of platelet aggregates by formol fixation] Stoltz JF. **Acta Haematol (Basel)** 56(5):303–6, 1976 (Eng. Abstr.) **(Fre)**

[Thrombocytopathia with cyclo-oxygenase deficiency] Dechavanne M, et al. **Nouv Rev Fr Hematol** 16(3):421–6, 1976 (Eng. Abstr.) **(Fre)**

[Cyclic adenosine monophosphate, prostaglandin E and aggregation of blood platelets in man] Ardelt W. **Fortschr Med** 95(6):366–70, 10 Feb 77 (Eng. Abstr.) **(Ger)**

[Release reaction and adenine nucleotide metabolism of blood platelets] Jinbo C. **Jpn J Clin Hematol** 17(12):1235–60, Dec 76 (107 ref.) **(Jpn)**

[Role of intermediate products of prothrombin proteolysis by thrombin in the stimulation of the anticoagulation system of blood] Kudriashov BA, et al. **Biull Eksp Biol Med** 82(10):1172–4, Oct 76 (Eng. Abstr.) **(Rus)**

[Effect of thrombin on chemoreceptors of the frog carotid labyrinth] Iur'eva GIu, et al. **Fiziol Zh SSSR** 62(9):1349–54, Sept 76 (Eng. Abstr.) **(Rus)**

[Effect of intravenous infusions of thrombin and heterogenous blood on lymph coagulability] Kuznik BI, et al. **Fiziol Zh SSSR** 62(10):1460–5, Oct 76 (Eng. Abstr.) **(Rus)**

[Role of cholino- and adrenoreceptors in regulating blood coagulation and fibrinolysis following thrombin injections] Mishchenko VP, et al. **Fiziol Zh SSSR** 62(11):1614–21, Nov 76 **(Rus)**

[Specificity of the effect of thrombin on the chemoreceptors of the frog carotid labyrinth] Solodenko NM, et al. **Fiziol Zh SSSR** 63(3):411–6, Mar 77 (Eng. Abstr.) **(Rus)**

[Effect of drugs used in the treatment of thrombotic and hemorrhagic conditions on the erythrocyte aggregation] Lakin KM, et al. **Kardiologiia** 17(5):79–83, May 77 **(Rus)**

[Interrelationship between the dynamic function of thrombocytes and blood coagulation] Pastorova VE. **Usp Fiziol Nauk** 8(2):132–52, Apr-May 77 **(Rus)**

[Factor XIII as a stimulator of thrombin activity] Umarova BA, et al. **Vopr Med Khim** 22(4):562–6, Jul-Aug 76 (Eng. Abstr.) **(Rus)**

[Blood coagulating properties of immobilized proteases] Zubairov DM, et al. **Vopr Med Khim** 22(2):187–91, Mar-Apr 76 (Eng. Abstr.) **(Rus)**

[Factor XIII activity in the presence of suppression of the function of the anticoagulant system and its restoration in animals on an atherogenic ration] Kudriashov BA, et al. **Vopr Pitan** (5):54–7, Sep-Oct 76 (Eng. Abstr.) **(Rus)**

[Effect of fibrin degradation products on different biological tests (author's transl)] Vila V, et al. **Sangre (Barc)** 21(4):814–26, 1976 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Normal hemostatic mechanisms: a review. Pool JG. **Am J Med Technol** 43(8):776–80, Aug 77

The modification of tryptophan in bovine thrombin. Uhteg LC, et al. **Biochim Biophys Acta** 491(2):551–7, 25 Apr 77

The effect of 2,3-diphosphoglycerate on oxygen consumption burst in thrombin-stimulated platelets. Principe DD, et al. **Clin Chim Acta** 75(2):325–9, 1 Mar 77

Platelet activation in haemostasis: role of thrombin and other clotting factors in platelet-collagen interaction. Huzoor-Akbar, et al. **Haemostasis** 6(1):59–71, 1977

Properties of heparin--poly(methyl methacrylate) copolymers. II. Labarre D, et al. **J Biomed Mater Res** 11(2):283–95, Mar 77

Dysfibrinogenemia associated with liver disease. Palascak JE, et al. **J Clin Invest** 60(1):89–95, Jul 77

The measurement of thrombin in clotting blood by radioimmunoassay. Shuman MA, et al. **J Clin Invest** 58(5):1249–58, Nov 76

Thrombin. Lundblad RL, et al. **Methods Enzymol** 45:156–76, 1976

Factor V and VIII activation 'in vivo' during bleeding. Evidence of thrombin formation at the early stage of hemostasis. Jensen AH, et al. **Pathol Biol (Paris)** 24 Suppl:6–10, Dec 76

Aggregation of platelets and inert particles induced by thrombin. Chao FC, et al. **Thromb Haemostas** 35(3):717–36, 30 Jun 76

Intermediate product I. of prothrombin proteolysis as a natural factor of the anticoagulating system stimulation. Kudrjashov BA, et al. **Thromb Res** 10(6):775–82, Jun 77

Studies on human plasma antithrombin isolated on heparin gel. Medén-Britth G, et al. **Thromb Res** 9(4):369–78, Oct 76

Inactivation of alpha- and beta-thrombin by heat defibrinated human plasma. Effect of heparin. Orakzai SA, et al. **Thromb Res** 10(6):813–22, Jun 77

Platelet-thrombin interactions as assessed by affinity chromatography. Workman EF Jr, et al. **Thromb Res** 9(5):491–503, Nov 76

Deep vein thrombosis. Pathogenesis of venous thrombosis. Thomas DP. **Trans Med Soc Lond** 91:33–4, 1975

[Variations in hemostasis in the infant under deep hypothermia] Doutremepuich C, et al. **Ann Anesthesiol Fr** 18(1):62–7, 1977 (Eng. Abstr.) **(Fre)**

[Studies on the effect of thrombocytopenia on the rate of fibrin stabilization] Barthels M, et al. **Fortschr Med** 95(19):1281–4, 19 May 77 (Eng. Abstr.) **(Ger)**

[Coagulation and fibrinolytic system in vivo and clinical medicine] Matsuoka S. **Jpn J Clin Hematol** 17(6):573–9, Jun 76 **(Jpn)**

POISONING

[Mechanism of development of the thrombohemorrhagic syndrome following introduction of thrombin into different portions of the vascular bed] Kuznik BI, et al. **Patol Fiziol Eksp Ter** (3):40–4, May-Jun 77 (Eng. Abstr.) **(Rus)**

STANDARDS

WHO expert comittee on biological standardization: twenty-seventh report. **WHO Tech Rep Ser** (594):1–86, 1976

THERAPEUTIC USE

Topical thrombin and control of wound haematoma. Jasani B, et al. **Lancet** 2(8033):332–3, 13 Aug 77

New techniques for interruption of gastroesophageal venous blood flow. Pereias R, et al. **Radiology** 124(2):313–23, Aug 77

[Sclerosing of bleeding oesophageal varices (author's transl)] Günther R, et al. **Dtsch Med Wochenschr** 101(41):1491–3, 8 Oct 76 (Eng. Abstr.) **(Ger)**

[Wound treatment after tooth extraction] Schönberger A. **Stomatol DDR** 27(5):320–5, May 77 **(Ger)**

THROMBOCYTOSIS

BLOOD

The myeloproliferative disorders. Correlation between clinical evolution and alterations of granulopoiesis. Greenberg P, et al. **Am J Med** 61(6):878–91, Dec 76

Thrombocytotic suppression of megakaryocyte production from stem cells. Goldberg J, et al. **Blood** 49(1):59–69, Jan 77

The incidence of post-operative deep vein thrombosis after splenectomy. Butler MJ, et al. **Clin Oncol** 3(1):51–6, Mar 77

Coagulation factor XIII concentration in sickle-cell disease. Ittyerah R, et al. **J Lab Clin Med** 88(4):546–54, Oct 76

Effect of busulfan on oncornavirus-like activity in platelets and chromosomes in polycythemia vera and essential thrombocythemia. Brodsky I, et al. **J Natl Cancer Inst** 59(1):61–7, Jul 77

Hematologic changes in a patient with Hodgkin's disease in relapse. Ginsburg AD, et al. **JAMA** 238(12):1272–3, 19 Sep 77

Rebound thrombocytosis after alcohol abuse [letter] Currie WR, et al. **Lancet** 1(8026):1369, 25 Jun 77

A rapid method for assessing megathrombocytes: its application to thrombocytotic and acquired thrombocytopenic states. Hunt FA. **Pathology** 8(1):47–55, Jan 76

Plasma factor XIII and platelet factor XIII in hyperlipaemia. Cucuianu MP, et al. **Thromb Haemostas** 36(3):542–50, 31 Dec 76

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

CHEMICALLY INDUCED

Reversible thrombocytosis and anemia due to miconazole therapy. Marmion LC, et al. **Antimicrob Agents Chemother** 10(3):447–9, Sep 76

Evidence that stimulation of megakaryocytopoiesis by low dose vincristine results from an effect on platelets. Jackson CW, et al. **Br J Haematol** 36(1):97–105, May 77

COMPLICATIONS

Infantile cortical hyperostosis. Caffey disease. Van Biervliet JP, et al. **Acta Paediatr Belg** 29(3):185–8, Jul–Sep 76

Unusual manifestations of Henoch–Schönlein syndrome. Byrn JR, et al. **Am J Dis Child** 130(12):1335–7, Dec 76

Thrombocythemia as a cause of erythermalgia. Redding KG. **Arch Dermatol** 113(4):468–71, Apr 77

Prognostic significance of thrombocytosis in idiopathic sideroblastic anemia. Streeter RR, et al. **Blood** 50(3):427–32, Sep 77

Microvascular occlusive lesions in primary thrombocythaemia. Singh AK, et al. **Br J Haematol** 36(4):553–64, Aug 77

Pericarditis as a manifestation of essential thrombocythemia. Averback P, et al. **Can Med Assoc J** 117(2):154–6, 23 Jul 77

Extreme thrombocytosis associated with malignancy. Spigel SC, et al. **Cancer** 39(1):339–41, Jan 77

Effects of a prolonged vitamin E deficiency in the rat. Machlin LJ, et al. **J Nutr** 107(7):1200–8, Jul 77

[Cutaneous symptoms of thrombocytemia (author's transl)] Amblard P, et al. **Ann Dermatol Venereol** 104(2):115–20, Feb 77 (Eng. Abstr.) **(Fre)**

[Thrombocytosis in patients with pneumonia] Enat R, et al. **Harefuah** 92(1):16–8, 2 Jan 77 (Eng. Abstr.) **(Heb)**

DIAGNOSIS

Gangrene of toes with normal peripheral pulses. Walden R, et al. **Ann Surg** 185(3):269–72, Mar 77

Microvascular occlusive lesions in primary thrombocythaemia. Singh AK, et al. **Br J Haematol** 36(4):553–64, Aug 77

[Essential thrombocythemia. Report of personal cases and review of the literature] Boccaccio P, et al. **Recent Prog Med (Roma)** 62(2):181–202, Feb 77 (Eng. Abstr.) **(Ita)**

DRUG THERAPY

Microvascular occlusive lesions in primary thrombocythaemia. Singh AK, et al. **Br J Haematol** 36(4):553–64, Aug 77

Erythroleukemia-like syndrome due to busulfan toxicity in polycythemia vera. Pezzimenti JF, et al. **Cancer** 38(6):2242–6, Dec 76

Effect of busulfan on oncornavirus-like activity in platelets and chromosomes in polycythemia vera and essential thrombocythemia. Brodsky I, et al. **J Natl Cancer Inst** 59(1):61–7, Jul 77

[Cutaneous symptoms of thrombocytemia (author's transl)] Amblard P, et al. **Ann Dermatol Venereol** 104(2):115–20, Feb 77 (Eng. Abstr.) **(Fre)**

[Essential thrombocythemia. Report of personal cases and review of the literature] Boccaccio P, et al. **Recent Prog Med (Roma)** 62(2):181–202, Feb 77 (Eng. Abstr.) **(Ita)**

ENZYMOLOGY

Platelet-derived acid phosphatase isoenzyme in the serum in thrombocythemia. Tavassoli M, et al. **Am J Clin Pathol** 67(2):177–9, Feb 77

Plasma lactate dehydrogenase activity will be increased if detergent and platelets are present. Bais R, et al. **Clin Chem** 23(6):1056–8, Jun 77

ETIOLOGY

Chronic myelogenous leukemia with elevated leukocyte alkaline phosphatase, positive indirect Coombs' test, neutrophilic leukocytosis and unusual cytogenetical findings. Grinblat J, et al. **Acta Haematol (Basel)** 57(5):298–304, 1977

Traumatic splenic rupture. Kairaluoma MI, et al. **Ann Chir Gynaecol** 66(3):154–159, 1977

Presence of a nonsplenic platelet pool. Freedman M, et al. **Blood** 50(3):419–25, Sep 77

Biphasic thrombopoietic response to severe hypobaric hypoxia. Jackson CW, et al. **Br J Haematol** 35(2):233–44, Feb 77

Morbidity and mortality of incidental splenectomy. Kassum D, et al. **Can J Surg** 20(3):209–14, May 77

The incidence of post-operative deep vein thrombosis after splenectomy. Butler MJ, et al. **Clin Oncol** 3(1):51–6, Mar 77

Postsplenectomy thrombocytosis in the mouse: changes in the size of thrombocytes. Krizsa F, et al. **Haematologia (Budap)** 10(3–4):339–42, 1976

Chronic myelocytic leukemia and the myeloproliferative diseases during the child-bearing years. Miller JB. **J Reprod Med** 17(4):217–24, Oct 76

Rebound thrombocytosis after alcohol abuse [letter] Currie WR, et al. **Lancet** 1(8026):1369, 25 Jun 77

Rebound thrombocytosis after alcohol abuse: a possible factor in the pathogenesis of thromboembolic disease. Haselager EM, et al. **Lancet** 1(8015):774–5, 9 Apr 77

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

Rebound thrombocytosis after alcohol withdrawal [letter]. Moffatt TL, et al. **N Engl J Med** 295(23):1322–3, 2 Dec 76

Studies on humans exposed to airborne sewage sludge. Rylander R, et al. **Schweiz Med Wochenschr** 107(6):182–4, 12 Feb 77 (Eng. Abstr.)

[Thrombocythemia following breast cancer (letter)] Bouvenot G, et al. **Nouv Presse Med** 5(31):1993, 25 Sep 76 **(Fre)**

[Thrombocythemia secondary to breast cancer] Bouvenot G, et al. **Sem Hop Paris** 52(40):2297–9, 23 Nov 76 **(Fre)**

[Megakaryocytic myelosis--cause of 'idiopathic' thrombocythemia] Burkhardt R, et al. **Fortschr Med** 95(19):1261–6, 19 May 77 (Eng. Abstr.) **(Ger)**

[Thrombocytosis in Crohn's disease] Ehms H, et al. **Verh Dtsch Ges Inn Med** 82 Pt 1:927–30, 1976 **(Ger)**

[Studies on the problem of septic thrombocytopenia and reactive thrombocytosis in obstetrical patients] Berkessy S. **Zentralbl Gynaekol** 98(21):1316–8, 1976 (Eng. Abstr.) **(Ger)**

FAMILIAL & GENETIC

Effect of busulfan on oncornavirus-like activity in platelets and chromosomes in polycythemia vera and essential thrombocythemia. Brodsky I, et al. **J Natl Cancer Inst** 59(1):61–7, Jul 77

MICROBIOLOGY

Effect of busulfan on oncornavirus-like activity in platelets and chromosomes in polycythemia vera and essential thrombocythemia. Brodsky I, et al. **J Natl Cancer Inst** 59(1):61–7, Jul 77

PATHOLOGY

Thrombocythemia as a cause of erythermalgia. Redding KG. **Arch Dermatol** 113(4):468–71, Apr 77

PHYSIOPATHOLOGY

[Cutaneous symptoms of thrombocytemia (author's transl)] Amblard P, et al. **Ann Dermatol Venereol** 104(2):115–20, Feb 77 (Eng. Abstr.) **(Fre)**

THROMBOPENIA

Thrombocytopenia and its management in the surgical patient needing multiple reconstructive procedures. Schenkar DL, et al. **Am J Surg** 133(5):572–4, May 77

Thrombocytopenia in infancy: an evaluation of 53 patients. Cohn J. **Dan Med Bull** 23(5):245–8, Oct 76

The effects of hemorrhage, hypoxia, and a preparation of erythropoietin on thrombopoiesis. Shreiner DP, et al. **J Lab Clin Med** 88(6):930–40, Dec 76

Effect of induced thrombocytopenia on experimental circulatory shock. Lefer AM, et al. **J Surg Res** 21(6):429–36, Dec 76

The effect of drug-induced thrombocytopenia on direct-current transcatheter electrocoagulation. Thompson WM, et al. **Radiology** 124(3):831–3, Sep 77

Assays for thrombopoietin. McDonald TP. **Scand J Haematol** 18(1):5–12, Jan 77 (52 ref.)

[The thrombocytopenias] Bergier. **Praxis** 65(27):833–6, 6 Jul 76 **(Fre)**

[Thrombocytopenia in pregnancy] Holmberg L, et al. **Lakartidningen** 74(18):1832–3, 4 May 77 **(Swe)**

BLOOD

Effect of dextran and induced thrombocytopenia on the lysability of ex vivo thrombi in dogs. Aberg M, et al. **Acta Chir Scand** 143(2):91–4, 1977

Platelet factor 4 activity and thromboembolic episodes. Okuno T, et al. **Am J Clin Pathol** 67(4):351–5, Apr 77

Evaluation of a single-channel photo-optical clot-timing instrument. Weisbrot IM, et al. **Am J Clin Pathol** 68(3):361–7, Sep 77

Specific thrombopoietic inhibition by syngeneic platelet homogenates. Krizsa F, et al. **Biomedicine [Express]** 27(4):145–8, Jun 77

Relationships between thrombopoiesis and erythropoiesis: with studies of the effects of preparations of thrombopoietin and erythropoietin. Evatt BL, et al. **Blood** 48(4):547–58, Oct 76

Stimulation of megakaryocytopoiesis by acute thrombocytopenia in rats. Odell TT, et al. **Blood** 48(5):765–75, Nov 76

Sodium valproate and thrombocytopenia. Winfiled DA, et al. **Br Med J** 2(6042):981, 23 Oct 76

Hematologic changes and thrombopoietin production in mice after X-irradiation and platelet-specific antisera. McDonald TP, et al. **Exp Hematol** 5(4):291–8, 1977

An experimental model for the study of kinetics of circulating platelets. Bhattacharya DK. **Indian J Exp Biol** 14(2):150–4, Mar 76

Role of platelets in the pathogenesis of canine endotoxin shock. From AH, et al. **Infect Immun** 13(6):1591–4, Jun 76

An in vitro measurement of bleeding time. Blakely J, et al. **J Lab Clin Med** 89(6):1306–13, Jun 77

Increased heparin clearance in experimental pulmonary embolism. Chiu HM, et al. **J Lab Clin Med** 90(1):204–15, Jul 77

Possible involvement of blood platelet/megakaryocyte system in alpha-1-antitrypsin deficiency [letter] Miale TD, et al. **Lancet** 2(8028):93–4, 9 Jul 77

Hematologic abnormalities in pregnancy. Bell WR. **Med Clin North Am** 61(1):165–99, Jan 77

A rapid method for assessing megathrombocytes: its application to thrombocytotic and acquired thrombocytopenic states. Hunt FA. **Pathology** 8(1):47–55, Jan 76

The mitotic index of megakaryocytes of mice after acute thrombocytopenia. Odell TT, et al. **Proc Soc Exp Biol Med** 155(2):149–51, Jun 77

Experimental immunologic thrombocytopenia in dogs: a study of thrombocytopenia and megakaryocytopoiesis. Joshi BC, et al. **Res Vet Sci** 22(1):11–17, Jan 77

Platelet production capacity at intervals after acute thrombocytopenia. Jackson CW, et al. **Scand J Haematol** 17(4):285–92, Oct 76

In vivo labeling of platelets with 75Se -- selenomethionine in patients with hepatic cirrhosis and thrombocytopenia. Mayer M, et al. **Thromb Haemostas** 37(1):47–52, 28 Feb 77

Fibrinogen/fibrin degradation products in serum of patients with idiopathic thrombocytopenic purpura: elevated levels during severe thrombocytopenic phase of the disease. Nagasawa T, et al. **Thromb Haemostas** 35(3):628–34, 30 Jun 76

Evidence that platelet density and volume are not related to aging. Boneu B, et al. **Thromb Res** 10(3):475–86, Mar 77

[Afibrinogenemia and the Bernard-Soulier syndrome] Dyerberg J, et al. **Ugeskr Laeger** 139(29):1715–9, 18 Jul 77 (Eng. Abstr.) **(Dan)**

[Measurement and clinical significance of erythrocyte sedimentation] Loeliger EA, et al. **Ned Tijdschr Geneeskd** 121(17):715–8, 23 Apr 77 **(Dut)**

[Determination of platelet aggregation using the chamber test in thrombocytopenia] Reuter H, et al. **Med Welt** 28(3):116–8, 21 Jan 77 **(Ger)**

[Pseudothrombocytopenia and the experimental evaluation for platelet counting (author's transl)] Yamamoto K, et al. **Jpn J Clin Pathol** 25(1):67–72, Jan 77 **(Jpn)**

[Replacement therapy in acute nomimmune thrombocytopenia] Gorodetskii VM, et al. **Ter Arkh** 48(10):127–30, 1976 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Circulating platelet aggregates and thrombocytopenia induced by intravenous infusions of arachidonic and lauric acids in guinea pigs. Rafflenbeul D, et al. **Acta Haematol (Basel)** 57(2):87–95, 1977

Platelets, prostaglandins and inflammation. Smith MJH, et al. **Agents Actions** 6(6):701–4, Nov 76

Detection of drug-dependent antibodies by the 51Cr platelet lysis test: documentation of immune thrombocytopenia induced by diphenylhydantoin, diazepam, and sulfisoxazole. Cimo PL, et al. **Am J Hematol** 2(1):65–72, 1977

Clinical investigation of doxorubicin, daunomycin, and 6-thioguanine in normal cats. Henness AM, et al. **Am J Vet Res** 38(4):521–4, Apr 77

Heparin and thrombocytopenia [letter]. Searcy TA, et al. **Ann Intern Med** 86(3):364, Mar 77

Gold-induced thrombocytopenia: response to vincristine? [letter] Ball GV. **Arthritis Rheum** 20(6):1288–9, Jul–Aug 77

5-year follow-up of cytotoxic chemotherapy as an adjuvant to surgery in carcinoma of the bronchus. Stott H, et al. **Br J Cancer** 34(2):167–73, Aug 76

Salicylic acid prevents inhibition by aspirin of arachidonic acid-induced hypotension, bronchoconstriction and thrombocytopenia [proceedings] Lefort J, et al. **Br J Pharmacol** 60(2):292P–293P, Jun 77

Levamisol-induced thrombocytopenia. El-Ghobarey AF, et al. **Br Med J** 2(6086):555–6, 27 Aug 77

Sodium valproate and thrombocytopenia. Winfiled DA, et al. **Br Med J** 2(6042):981, 23 Oct 76

Phase II study of mitomycin-C, vincristine, and bleomycin in advanced squamous cell carcinoma of the uterine cervix. Baker LH, et al. **Cancer** 38(6):2222–4, Dec 76

The CMF program for operable breast cancer with positive axillary nodes. Updated analysis on the disease-free interval, site of relapse and drug tolerance. Bonadonna G, et al. **Cancer** 39(6 Suppl):2904–15, Jun 77

L-phenylalanine mustard (L-PAM) in the management of primary breast cancer. An update of earlier findings and a comparison with those utilizing L-PAM plus 5-fluorouracil (5-FU). Fisher B, et al. **Cancer** 39(6 Suppl):2883–903, Jun 77

Combination chemotherapy of advanced lung cancer: a randomized trial. Hansen HH, et al. **Cancer** 38(6):2201–7, Dec 76

A phase II study of triazinate (NSC 139105) in advanced colorectal carcinoma. McCreary RH, et al. **Cancer** 40(1):9–13, Jul 77

Evaluation of adriamycin and dibromodulcitol in metastatic breast carcinoma. Tormey DC, et al. **Cancer Res** 37(2):529–34, Feb 77

Qualitative and quantitative toxicity of sublethal doses of methyl-CCNU in BDF1 mice. Denine EP, et al. **Cancer Treat Rep** 61(3):409–17, May–Jun 77

Methyl-CCNU for patients with previously treated metastatic neuroblastoma--a phase II study. Evans AE, et al. **Cancer Treat Rep** 61(1):83–5, Jan–Feb 77

Porfiromycin in the management of epidermoid and transitional cell cancer: a phase II study. Panettiere FJ, et al. **Cancer Treat Rep** 60(7):907–11, Jul 76

Combination VM-26 and adriamycin for metastatic transitional cell carcinoma. Rodriguez LH, et al. **Cancer Treat Rep** 61(1):87–8, Jan–Feb 77

Phase I trial of dianhydrogalactitol administered Iv in a weekly schedule. Vogel CL, et al. **Cancer Treat Rep** 60(7):895–901, Jul 76

Studies on adriamycin using a weekly regimen demonstrating its clinical effectiveness and lack of cardiac toxicity. Weiss AJ, et al. **Cancer Treat Rep** 60(7):813–22, Jul 76

Cis-dichlorodiammineplatinum(II) in advanced bladder cancer. Yagoda A, et al. **Cancer Treat Rep** 60(7):917–23, Jul 76

Combination with 5-fluorouracil, methyl-CCNU and beta-2-deoxythioguanosine in advanced colo-rectal adenocarcinoma. Cedermark BJ, et al. **Clin Oncol** 3(1):27–31, Mar 77

Severe reaction to hydroxyurea. Folan DW Jr. **Cutis** 20(1):95, Jul 77

Heparin Therapy: regimens and management. Deykin D. **Drugs** 13(1):46–51, Jan 77 (17 ref.)

Induced fat embolism in rabbits: effects of defibrinogenation and thrombocytopenia. Lahnborg G, et al. **Eur Surg Res** 8(5):428–34, 1976

Lanthanum Trichloride induced blood coagulation defect and liver injury. Nagy I, et al. **Haematologia (Budap)** 10(3–4):353–9, 1976

Thrombocytopenia and cancer chemotherapy [letter]. Khaleeli M. **Hosp Pract** 11(11):20, Nov 76

Managing chemotherapy-induced bone marrow suppression in cancer. Lokich JJ. **Hosp Pract** 11(8):61–7, Aug 76

Chemotherapy and total nodal radiotherapy in pathological stage IIB, IIIA, and IIIB Hodgkin's disease. pp. 529–36. Coltman CA Jr, et al.
In: Salmon SE, Jones SE, ed. Adjuvant therapy of cancer. Amsterdam, North-Holland Publ, 1977. QZ 267 I46a 1977.

Treatment of oat cell carcinoma of the lung: Stanford experience 1972–1976. pp. 237–44. Williams CJ, et al.
In: Salmon SE, Jones SE, ed. Adjuvant therapy of cancer. Amsterdam, North-Holland Publ, 1977. QZ 267 I46a 1977.

[Hemostatic disorders with secretolytics? A contribution to drug safety] Hörder MH, et al.
Int J Clin Pharmacol Biopharm 14(3):199–213, Oct 76 (Eng. Abstr.)

Adverse reactions to rifampicin in antituberculosis regimens. Girling DJ. **J Antimicrob Chemother** 3(2):115–32, Mar 77 (106 ref.)

The platelet factor 3 immunoinjury technique re-evaluated. Development of a rapid test for antiplatelet antibody. Detection in various clinical disorders, including immunologic drug-induced and neonatal thrombocytopenias. Karpatkin M, et al. **J Lab Clin Med** 89(2):400–8, Feb 77

Complications of cancer immunotherapy with levamisole. Parkinson DR, et al. **Lancet** 1(8022):1129–32, 28 May 77

Thrombocytopenia during heparin therapy [letter]. **N Engl J Med** 295(21):1200–1, 18 Nov 76

Quinidine leukopenia and thrombocytopenia with a drug-dependent leukoagglutinin [letter]. Castro O, et al. **N Engl J Med** 296(10):572, 10 Mar 77

Neocarzinostatin (NSC 157365) a new cancerostatic compound. Legha SS, et al. **Oncology** 33(5–6):265–70, 1976 (29 ref.)

Effect of trimethylcolchicinic acid methyl ether d-tartrate (TMCA) on Hodgkin's and non-Hodgkin's lymphoma. Stolinsky DC, et al. **Oncology** 33(4):151–3, 1976

Chlorpropamide-induced thrombocytopenia. Cunliffe DJ, et al. **Postgrad Med J** 53(616):87–8, Feb 77

The effect of drug-induced thrombocytopenia on direct-current transcatheter electrocoagulation. Thompson WM, et al. **Radiology** 124(3):831–3, Sep 77

Treatment of rheumatoid arthritis with penicillamine. Hill HF. **Semin Arthritis Rheum** 6(4):361–88, May 77

Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)

Fibrinogen response to turpentine and endotoxin in busulfan-treated rabbbits. Rapaport SI, et al. **Thromb Haemostas** 35(3):692–701, 30 Jun 76

Effects of endotoxin in cortisone-treated rabbits with a hereditary deficiency of the sixth component of complement (C6 deficiency). Stafford BT, et al. **Thromb Haemostas** 35(2):460–71, 30 Apr 76

The exclusion of the cerebral circulation: effect on the 'in vivo' platelet aggregation. Aragno R, et al. **Thromb Res** 9(4):319–27, Oct 76

The effect of dimethylbenz(a) anthracene on murine hematopoiesis. Seidel HJ. **Z Krebsforsch** 89(2):221–9, 27 Jun 77

[Possibilities in the treatment of advanced malignant lymphoma insensitive to the usual combination of cytostatics] Klener P, et al. **Vnitr Lek** 22(8):760–6, Aug 76 (Eng. Abstr.) **(Cze)**

[Somatic aspects of chronic alcoholism] De Groote J. **Tijdschr Gastroenterol** 19(2):103–16, 1976 (52 ref.) (Eng. Abstr.) **(Dut)**

[Thrombopenia and chrysotherapy. Apropos of a personal case] Levy R, et al. **Ann Med Interne (Paris)** 127(8–9):571–2, AUG–SEP 76 **(Fre)**

[Evaluation in children of the clinical, biological and electroencephalographic side effects of L-asparaginase] Olive D, et al. **Pediatrie** 31(3):259–78, Apr 76 (Eng. Abstr.) **(Fre)**

[Treatment of disseminated oro-pharyngo-laryngeal epidermoid carcinomas with a combination of methotrexate and bleomycine in small doses] Medenica R, et al. **Schweiz Med Wochenschr** 106(23):799–802, 5 Jun 76 (Eng. Abstr.) **(Fre)**

[Clinical knowledge of the secondary effects of gold salts] Renier JC, et al. **Sem Hop Ther** 52(7–8):407–14, Sep-Oct 76 **(Fre)**

[Multiple manifestations of intolerance in association with anti-inflammatory agents. Role of phenylbutazone] Tolot F, et al. **Sem Hop Ther** 52(3):185–90, Mar 76 (52 ref.) **(Fre)**

[Metabolism and adverse effects of ethanol] Copti MC, et al. **Union Med Can** 106(5):669–73, May 77 **(Fre)**

[Anti-oestrogen treatment of metastasising carcinoma of the breast (author's transl)] Henningsen B, et al. **Dtsch Med Wochenschr** 102(19):713–6, 13 May 77 (Eng. Abstr.) **(Ger)**

[Changes in hemostasis during epilespy treatment using dipropyl acetate. Extended study] Sutor AH, et al. **Fortschr Med** 94(8):411–4, 11 Mar 76 (Eng. Abstr.) **(Ger)**

[Thrombocyte values in adults during the treatment with DPA (Ergenyl)] Krause KH. **Med Welt** 28(24):1098–9, 17 Jun 77 **(Ger)**

[Drug-induced] Engelmann C, et al. **Z Gesamte Inn Med** 31(18):746–9, 15 Sep 76 (Eng. Abstr.) **(Ger)**

[Effect of acute alcohol intoxication on the hematopoietic system] Budzyński W, et al. **Pol Tyg Lek** 31(50):2131–2, 13 Dec 76 (Eng. Abstr.) **(Pol)**

[Severe complications following intermittent administration of rifampicin] Manasia M, et al. **Rev Ig [Pneumoftiziol]** 25(3):183–8, Jul–Sep 76 (Eng. Abstr.) **(Rum)**

[D-penicillamine] Huskisson EC. **Reumatizam** 23(5):163–75, 1976 (Eng. Abstr.) **(Scr)**

[Blood damage from alcohol] Bottiger LE. **Lakartidningen** 73(47):4099–101, 17 Nov 76 (Eng. Abstr.) **(Swe)**

COMPLICATIONS

Platelet and leukocyte antibodies in autoimmune hemolytic anemia. Fagiolo E. **Acta Haematol (Basel)** 56(2):97–106, 1976

Chronic myelomonocytic leukemia: an ultrastructural study by transmission and scanning electron microscopy. Skinnider LF, et al. **Am J Clin Pathol** 67(4):339–46, Apr 77

Aspirin therapy in microangiopathic hemolytic anemia and renal failure. Raich PC, et al. **Am J Med Sci** 273(2):227–32, Mar–Apr 77

Thrombocytopenia and its management in the surgical patient needing multiple reconstructive procedures. Schenkar DL, et al. **Am J Surg** 133(5):572–4, May 77

Diagnostic lavage and occult pulmonary hemorrhage in thrombocytopenic immunocompromised patients. Drew WL, et al. **Am Rev Respir Dis** 116(2):215–21, Aug 77

The effect of the distal splenorenal shunt on hypersplenism. Hutson DG, et al. **Ann Surg** 185(5):605–12, May 77

Antithrombin III deficiency causing postsplenectomy mesenteric venous thrombosis coincident with thrombocytopenia. Peters TG, et al. **Ann Surg** 185(2):229–31, Feb 77

Thrombocytopenia with absent radius [letter]. Hall JG. **Arch Dis Child** 52(1):83, Jan 77

A comparison between sulphinpyrazone and other drugs on the thrombocytopenia occurring in the Arthus reaction in the guinea-pig [proceedings]. Butler KD, et al. **Br J Pharmacol** 57(3):441P–442P, Jul 76

Inhibition of hypoxic pulmonary vasoconstriction by dipyridamole is not platelet mediated. Mlczoch J, et al. **Can J Physiol Pharmacol** 55(3):448–51, Jun 77

Miliary tuberculosis presenting with hyponatremia and thrombocytopenia. Cockcroft DW, et al. **Can Med Assoc J** 115(9):871–3, 6 Nov 76

Gastrointestinal hemorrhage in patients in a respiratory intensive care unit. Harris SK, et al. **Chest** 72(3):301–4, Sep 77

Induced fat embolism in rabbits: effects of defibrinogenation and thrombocytopenia. Lahnborg G, et al. **Eur Surg Res** 8(5):428–34, 1976

Staphylococcus epidermidis in the circulating blood of normal

and thrombocytopenic human subjects: immunological data. Tedeschi GG, et al. **Experientia** 32(12):1600–2, 15 Dec 76

Recurrent osteomyelitis of the sternum. Emanuel B, et al. **IMJ** 152(2):110–12, Aug 77

Increased heparin clearance in experimental pulmonary embolism. Chiu HM, et al. **J Lab Clin Med** 90(1):204–15, Jul 77

Infection and pheochromocytoma. Myers MG, et al. **JAMA** 237(19):2095–6, 9 May 77

Migraine, thrombocytopenia, and serotonin metabolism [letter] Damasio H. **Lancet** 2(8036):512–3, 3 Sep 77

Transfusion therapy of thrombocytopenia: a reappraisal. Hunt FA, et al. **Med J Aust** 2(18):671–3, 30 Oct 76

Hematologic abnormalities in acute necrotizing enterocolitis. Patel CC. **Pediatr Clin North Am** 24(3):579–84, Aug 77

Care of the critically ill child: the bleeding neonate. Glader BE, et al. **Pediatrics** 58(4):548–55, Oct 76

Thrombocytopenic purpura associated with exanthema subitum [letter] Nishimura K, et al. **Pediatrics** 60(2):260, Aug 77

Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)

Management of idiopathic thrombocytopenic purpura in the adult. Lacey JV, et al. **Semin Thromb Hemostas** 3(3):160–74, Jan 77 (67 ref.)

[2 cases of oral manifestations of thrombocytopenia] Schiodt M. **Tandlaegebladet** 78(18):756–9, Sep 74 **(Dan)**

[Late cavernous hemangiomas, thrombocytopenia, and azotemic glomerulonephritis] Grosshans E, et al. **Ann Dermatol Venereol** 104(1):71–2, Jan 77 **(Fre)**

[Hematologic complications of disseminated lupus erythematosus] Clauvel JP, et al. **Ann Med Interne (Paris)** 128(1):49–56, Jan 77 **(Fre)**

[Severe epistaxis in hemorrhagic syndromes (excepting Rendu–Osler disease)] Josso F. **Ann Otolaryngol Chir Cervicofac** 93(1–2):15–21, Jan–Feb 76 (Eng. Abstr.) **(Fre)**

[Platelet transfusion] Mannoni P, et al. **Rev Fr Transfus Immunohematol** 19(3):489–511, Sep 76 **(Fre)**

[Hematologic manifestations of rheumatoid arthritis] Laurent G, et al. **Sem Hop Paris** 52(4):233–8, 23 Jan 76 **(Fre)**

[A case of Osler–Rendu disease with simultaneous thrombopenia and a factor VIII inhibitor] Gola A, et al. **Folia Haematol (Leipz)** 104(1):102–8, 1977 (Eng. Abstr.) **(Ger)**

[Orbital pseudotumor with thrombocytopenia and myasthenia (author's transl)] Blodi FC. **Klin Monatsbl Augenheilkd** 170(3):397–400, Mar 77 (Eng. Abstr.) **(Ger)**

[Digestive hemorrhages in newborn and other infants] Levi P, et al. **Minerva Pediatr** 29(22):1393–408, 23 Jun 77 **(Ita)**

[Iatrogenically induced hemorrhages] Gjonnass H. **Tidsskr Nor Laegeforen** 96(26):1380–2, 20 SEP 76 (Eng. Abstr.) **(Nor)**

[Disseminated intravascular coagulation following surgery for ovarian cyst in a patient with thrombocytopenia cured with heparin] Janda R, et al. **Pol Tyg Lek** 32(9):367–8, 28 Feb 77 (Eng. Abstr.) **(Pol)**

[Etiology and clinical aspects of secondary epistaxis] Bikbaeva AI, et al. **Vestn Otorinolaringol** (4):45–8, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

CONGENITAL

Congenital hypomegakaryocytic thrombocytopenia associated with bilateral absence of the radius – the TAR syndrome. Edelberg SB, et al. **Hum Hered** 27(2):147–52, 1977

Hematologic abnormalities in pregnancy. Bell WR. **Med Clin North Am** 61(1):165–99, Jan 77

[Congenital thrombocytopenia with radial aplasia. Review and clinical case report] La Cauza C, et al. **Minerva Pediatr** 28(25):1579–90, 4 Aug 76 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Bone marrow necrosis associated with a Mucor infection. Caraveo J, et al. **Am J Med** 62(3):404–8, Mar 77

Thrombotic thrombocytopenic purpura associated with pregnancy. May HV Jr, et al. **Am J Obstet Gynecol** 126(4):452–8, 15 Oct 76

Thrombocytopenia and its management in the surgical patient needing multiple reconstructive procedures. Schenkar DL, et al. **Am J Surg** 133(5):572–4, May 77

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

Intravascular hemolysis, thrombocytopenia, leukopenia, and circulating immune complexes after jejunal–ileal bypass surgery. Moake JL, et al. **Ann Intern Med** 86(5):576–8, May 77

Thrombocytopenia in infancy: an evaluation of 53 patients. Cohn J. **Dan Med Bull** 23(5):245–8, Oct 76

Recurrent osteomyelitis of the sternum. Emanuel B, et al. **IMJ** 152(2):110–12, Aug 77

Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123–36. Spragg RG, et al. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (69 ref.)

Use of homologous platelet survival in differential diagnoses of chronic thrombocytopenia in childhood. Buchanan GR, et al. **Pediatrics** 59(1):45–54, Jan 77

[Cytogenetic studies as a contribution to the diagnosis of juvenile preleukemia and leukemia recurrence] Kirchner M, et al. **Folia Haematol (Leipz)** 103(6):831–43, 1976 (Eng. Abstr.) **(Ger)**

[New method of thrombocyte counting. Technic of electronic counting of low thrombocyte concentrations in peripheral blood] Schmidt M, et al. **Fortschr Med** 94(7):388–94, 4 Mar 76 (Eng. Abstr.) **(Ger)**

[Fanconi–Zinsser disease] Lovisetto P, et al. **Minerva Med** 68(25):1685–708, 19 May 77 (Eng. Abstr.) **(Ita)**

[Value of thrombocytopenic and leukocytopenic tests in the diagnosis of food allergy] Pospelova RA. **Lab Delo** (9):542–4, 1976 **(Rus)**

[51Cr assay of platelet kinetics in forty-one patients with peripheral thrombocytopenia (author's transl)] Vázquez R, et al. **Sangre (Barc)** 21(3):513–22, 1976 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Effect of prednisolone on megakaryocytopoiesis in mice. Yoda Y, et al. **Acta Haematol Jpn** 40(1):141–6, Feb 77

Myelofibrosis and rapid thrombocytolysis. A case report. Kutti J, et al. **Acta Med Scand** 201(3):249–55, 1977

Aspirin therapy in microangiopathic hemolytic anemia and renal failure. Raich PC, et al. **Am J Med Sci** 273(2):227–32, Mar–Apr 77

Gold-induced thrombocytopenia: response to vincristine? [letter] Ball GV. **Arthritis Rheum** 20(6):1288–9, Jul–Aug 77

A comparison between sulphinpyrazone and other drugs on the thrombocytopenia occurring in the Arthus reaction in the guinea-pig [proceedings]. Butler KD, et al. **Br J Pharmacol** 57(3):441P–442P, Jul 76

Combination chemotherapy for thrombocytopenia with bone marrow metastases from breast cancer. Dady PJ, et al. **Br Med J** 1(6060):554, 26 Feb 77

Steroid induced avascular necrosis of bones in eighteen sites: a case report. Milgram JW, et al. **Bull Hosp Joint Dis** 37(1):11–23, Apr 76

Vincristine for treatment of chronic thrombocytopenia in children [letter]. Hicsönmez G, et al. **N Engl J Med** 296(8):454–5, 24 Feb 77

Vincristine for treatment of refractory autoimmune thrombocytopenia [letter]. Ries CA. **N Engl J Med** 295(20):1136, 11 Nov 76

[Drug-induced] Engelmann C, et al. **Z Gesamte Inn Med** 31(18):746–9, 15 Sep 76 (Eng. Abstr.) **(Ger)**

[Gamma globulins in the therapy of thrombocytopenia] Chiave P. **Minerva Pediatr** 29(18):1227–9, 19 May 77 **(Ita)**

[Immunosuppressive therapy of immunothrombocytopenia and autoimmune hemolytic anemia (author's transl)] Cepelja Z, et al. **Lijec Vjesn** 99(7):436–40, Jul 77 (Eng. Abstr.) **(Scr)**

[Thrombocytopenia in pregnancy] Holmberg L, et al. **Lakartidningen** 74(18):1832–3, 4 May 77 **(Swe)**

ETIOLOGY

Incorporation of H3-leucine in the mouse kidney in thrombocytopenia. Attempt to demonstrate thrombopoietin production. Krizsa F, et al. **Acta Haematol (Basel)** 58(3):134–7, 1977

Myelofibrosis and rapid thrombocytolysis. A case report. Kutti J, et al. **Acta Med Scand** 201(3):249–55, 1977

Interactions of immune complexes and platelets in rabbits immunized with hapten-carrier conjugates. Kekomäki R, et al. **Acta Pathol Microbiol Scand [C]** 85(3):207–14, Jun 77

Carbromal intoxication--hemodialysis or hemoperfusion? Leber HW, et al. **Acta Pharmacol Toxicol [Suppl] (Kbh)** 41(2):78–84, 1977

Infectious mononucleosis and severe thrombocytopenia. Krishnamurthy M, et al. **Am J Med Sci** 272(2):221–4, Sep–Oct 76

The association of maternal and neonatal thrombocytopenia in high-risk pregnancies. Kleckner HB, et al. **Am J Obstet Gynecol** 128(3):235–8, 1 Jun 77

Clinical and laboratory observations on patients with primary and secondary dengue type 1 infections with hemorrhagic manifestations in Fiji. Kuberski T, et al. **Am J Trop Med Hyg** 26(4):775–83, Jul 77

Extracorporeal membrane oxygenation in the treatment of respiratory failure—a review. Newland PE. **Anaesth Intensive Care** 5(2):99–112, May 77 (73 ref.)

Hematologic aspects of systemic lupus erythematosus. Current concepts. Budman DR, et al. **Ann Intern Med** 86(2):220–9, Feb 77

Specific thrombopoietic inhibition by syngeneic platelet homogenates. Krizsa F, et al. **Biomedicine [Express]** 27(4):145–8, Jun 77

Induction of thrombocytopenia by thrombopheresis in man: patterns of recovery in normal subjects during ethanol ingestion and abstinence. Sullivan LW, et al. **Blood** 49(2):197–207, Feb 77

Biphasic thrombopoietic response to severe hypobaric hypoxia. Jackson CW, et al. **Br J Haematol** 35(2):233–44, Feb 77

Coagulation defects following whole body hyperthermia in the treatment of disseminated cancer: a limiting factor in treatment. Ludgate CM, et al. **Clin Oncol** 2(3):219–25, Sep 76

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

Bone marrow hypoplasia in anorexia nervosa. Lampert F, et al. **Eur J Pediatr** 124(1):65–71, 9 Dec 76

Hematologic changes and thrombopoietin production in mice after X-irradiation and platelet-specific antisera. McDonald TP, et al. **Exp Hematol** 5(4):291–8, 1977

Disseminated intravascular coagulation. Hollán SR, et al. **Haematologia (Budap)** 10(3–4):319–30, 1976

Thrombocytopoietic serum activity in thrombocytopenia induced by antithrombocytic serum in mice. Marosi Z, et al. **Haematologia (Budap)** 10(2):249–53, 1976

Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123–36. Spragg RG, et al. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (69 ref.)

Management of presumptive or proven Hodgkin's disease of the liver: anew radiotherapy technique. Schultz HP, et al. **Int J Radiat Oncol Biol Phys** 1(1–2):1–8, Oct–Nov 75

Radiation related toxicities in National Wilms' Tumor Study Number 1. Tefft M. **Int J Radiat Oncol Biol Phys** 2(5–6):455–63, May–Jun 77

Adverse reactions to rifampicin in antituberculosis regimens. Girling DJ. **J Antimicrob Chemother** 3(2):115–32, Mar 77 (106 ref.)

Transitory thrombocytopenia in small-for-date infants, possibly related to maternal smoking [letter] Meberg A, et al. **Lancet** 2(8032):303–4, 6 Aug 77

Possible involvement of blood platelet/megakaryocyte system in alpha-1-antitrypsin deficiency [letter] Miale TD, et al. **Lancet** 2(8028):93–4, 9 Jul 77

Autologous blood transfusion. Brzica SM Jr, et al. **Mayo Clin Proc** 51(11):723–37, Nov 76

Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133–45, Sep 77 (91 ref.)

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

Supportive therapy for the leukemic patient in acute relapse. Pochedly C. **Med Times** 105(7):(82)1d–(82)9d, Jul 77

Rebound thrombocytosis after alcohol withdrawal [letter]. Moffatt TL, et al. **N Engl J Med** 295(23):1322–3, 2 Dec 76

Microangiopathic hemolytic anemia and thrombocytopenia with disseminated cancer. Ballas SK, et al. **Postgrad Med** 60(6):180–1, Dec 76

Archibald Reid Memorial Thesis, 1976. Treatment of the lymphomata and oat cell carcinoma of the bronchus by whole body radiotherapy. Monaghan M. **Radiography** 43(506):25–43, Feb 77

Splenectomy in chronic lymphocytic leukaemia. Christensen BE, et al. **Scand J Haematol** 18(4):279–87, Apr 77

On thrombocytopenia developing in mice bearing a spontaneously metastasizing tumor. Poggi A, et al. **Z Krebsforsch** 86(3):303–6, 30 Aug 76

[2 cases of oral manifestations of thrombocytopenia] Schiodt M. **Tandlaegebladet** 78(18):756–9, Sep 74 **(Dan)**

[Hemostasis disorders in the alcoholic] Wautier JL, et al. **Actual Odontostomatol (Paris)** (115):455–61, Sep 76 **(Fre)**

[Direct action of extracorporeal circulation on platelets and coagulation factors] Baille Y, et al. **Ann Anesthesiol Fr** 18(1):43–50, 1977 (Eng. Abstr.) **(Fre)**

[Hematologic disorders observed in patients following renal transplantation] Fischer AM, et al. **Nouv Rev Fr Hematol Blood Cells** 18(1):203–4, 1977 **(Fre)**

[Disorders of hemostasis and coagulation in liver cirrhosis] Larrieu MJ. **Rev Prat** 26(51):3651–62, 11 Nov 76 (Eng. Abstr.) **(Fre)**

[Blood coagulation disorders within the framework of hemoperfusion (proceedings)] Pall H, et al. **Acta Med Austriaca® [Suppl]** (3):217, 1976 **(Ger)**

[Megakaryocytic myelosis—cause of 'idiopathic' thrombocythemia] Burkhardt R, et al. **Fortschr Med** 95(19):1261–6, 19 May 77 (Eng. Abstr.) **(Ger)**

[Pathogenesis of hemorrhagic diatheses in monoclonal gammopathies] Deutsch E, et al. **Haematol Bluttransfus** 18:357–65, 1976 **(Ger)**

[Hepatic failure and disorders of coagulation (author's transl)] Ohler WG. **Leber Magen Darm** 7(4):270–6, Aug 77 (Eng. Abstr.) **(Ger)**

[Intracranial mycotic aneurysm in staphylococcal endocarditis (authors transl)] Six P, et al. **Praxis** 66(11):326–39, 15 Mar 77 (Eng. Abstr.) **(Ger)**

[Non-HL-A specific anti-thrombocyte autoantibodies in patients after kidney transplantation] Kuster J, et al. **Schweiz Med Wochenschr** 106(40):1376, 2 Oct 76 (Eng. Abstr.) **(Ger)**

[Splenic angioma with thrombocytopenia] Marti MC. **Schweiz Med Wochenschr** 106(21):717–9, 22 May 76 **(Ger)**

[Corelations between thrombocyte count, clinical diagnosis, and liver pathology in chronic liver diseases] von Braun HH, et al. **Z Gastroenterol** 14(5): 538–47, Sep 76 (Eng. Abstr.) **(Ger)**

[Studies on the problem of septic thrombocytopenia and reactive thrombocytosis in obstetrical patients] Berkessy S. **Zentralbl Gynaekol** 98(21):1316–8, 1976 (Eng. Abstr.) **(Ger)**

[Study of blood coagulation disorders after operations with extracorporeal circulation in infants and children] Calza G. **Minerva Cardioangiol** 25(4):279–88, Apr 77 (63 ref.) (Eng. Abstr.) **(Ita)**

[Giant hemangioma with thrombopenia: Kasabach-Merritt syndrome] Pilotti G, et al. **Minerva Pediatr** 28(14):849–55, 21 Apr 76 **(Ita)**

[Case of thrompopenia of allergic etiology] Sulek K, et al. **Wiad Lek** 29(23):2145–8, 1 Dec 76 **(Pol)**

[Case of salmonellosis complicated by thrombocytopenia] Brodov LE, et al. **Klin Med (Mosk)** 55(2):142–4, Feb 77 **(Rus)**

[Thrombocytopenic syndrome in acute dysentery] Rychnev VE, et al. **Klin Med (Mosk)** 55(4):89–92, Apr 77 **(Rus)**

[Hereditary thrombocytopathies (literature survey and personal data)] Shabanov NP. **Probl Gematol Pereliv Krovi** 21(7):40–9, Jul 76 (154 ref.) **(Rus)**

[Relation between the exocrine function of the pancreas and the thrombocyte count inperipheral blood] Mitropol'skiĭ AN, et al. **Ter Arkh** 49(2):88–91, 1977 **(Rus)**

[Thrombocytes in patients with severe course of pneumonia] Skipskiĭ IM. **Ter Arkh** 40(2):39–42, 1976 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Hereditary nephritis, deafness and abnormal thrombopoiesis. Study of a new kindred. Parsa KP, et al. **Am J Med** 60(5):665–72, 10 May 76

Myasthenia gravis, thrombocytopenia and HLA antigens [letter] Remuzzi G, et al. **Ann Intern Med** 87(2):250–1, Aug 77

X-linked syndrome of platelet dysfunction, thrombocytopenia, and imbalanced globin chain synthesis with hemolysis. Thompson AR, et al. **Blood** 50(2):303–16, Aug 77

Thrombocytopenia in infancy: an evaluation of 53 patients. Cohn J. **Dan Med Bull** 23(5):245–8, Oct 76

Congenital hypomegakaryocytic thrombocytopenia associated with bilateral absence of the radius – the TAR syndrome. Edelberg SB, et al. **Hum Hered** 27(2):147–52, 1977

Giant platelets and thrombocytopenia: a bleeding disorder in siblings. Clinical laboratory and electron microscopic aspects. Costa e Silva M, et al. **J Med** 8(2):81–94, 1977

[May-Hegglin anomaly] Nielsen JD. **Ugeskr Laeger** 138(36):2167, 30 Aug 76 **(Dan)**

IMMUNOLOGY

Detection of drug-dependent antibodies by the 51Cr platelet lysis test: documentation of immune thrombocytopenia induced by diphenylhydantoin, diazepam, and sulfisoxazole. Cimo PL, et al. **Am J Hematol** 2(1):65–72, 1977

Infectious mononucleosis and severe thrombocytopenia. Krishnamurthy M, et al. **Am J Med Sci** 272(2):221–4, Sep–Oct 76

Animal model: canine and equine immune-mediated thrombocytopenia, and idiopathic thrombocytopenic purpura. Dodds WJ. **Am J Pathol** 86(2):489-91, Feb 77

Myasthenia gravis, thrombocytopenia and HLA antigens [letter] Remuzzi G, et al. **Ann Intern Med** 87(2):250-1, Aug 77

Platelet antibodies in thrombocytopenic patients. Hegde UM, et al. **Br J Haematol** 35(1):113-22, Jan 77

Thrombocytopenia in infancy: an evaluation of 53 patients. Cohn J. **Dan Med Bull** 23(5):245-8, Oct 76

Hematologic changes and thrombopoietin production in mice after X-irradiation and platelet-specific antisera. McDonald TP, et al. **Exp Hematol** 5(4):291-8, 1977

Contribution of granulocytopenia to endotoxin sensitivity of mice irradiated or undergoing graft-versus-host reaction. Walker RI, et al. **Exp Hematol** 4(6):329-38, Nov 76

Cytotoxic antibodies to cultured human lymphoid cells in polytransfused thrombocytopenic patients: association with reduced survival of allogeneic transfused platelets. Ferrone S, et al. **Immunol Commun** 6(3):267-82, 1977

The platelet factor 3 immunoinjury technique re-evaluated. Development of a rapid test for antiplatelet antibody. Detection in various clinical disorders, including immunologic drug-induced and neonatal thrombocytopenias. Karpatkin M, et al. **J Lab Clin Med** 89(2):400-8, Feb 77

Thrombocytopenia during heparin therapy [letter]. **N Engl J Med** 295(21):1200-1, 18 Nov 76

Use of homologous platelet survival in differential diagnoses of chronic thrombocytopenia in childhood. Buchanan GR, et al. **Pediatrics** 59(1):45-54, Jan 77

Chlorpropamide-induced thrombocytopenia. Cunliffe DJ, et al. **Postgrad Med J** 53(616):87-8, Feb 77

Experimental immunologic thrombocytopenia in dogs: a study of thrombocytopenia and megakaryocytopoiesis. Joshi BC, et al. **Res Vet Sci** 22(1):11-17, Jan 77

Post-transfusion purpura in a pig. Linklater KA. **Res Vet Sci** 22(2):257-8, Mar 77

[Typing and detection of antibodies in the PLA system (platelet). Application to the study of neonatal thrombopenia by feto-maternal PLA allo-immunisation] Soulier JP, et al. **Rev Fr Transfus Immunohematol** 19(3):431-48, Sep 76 (Eng. Abstr.)

Donor availability for platelet transfusion support of alloimmunized thrombocytopenic patients. Duquesnoy RJ, et al. **Transplant Proc** 9(1):519-21, Mar 77

The problem of platelet autoantibodies. I. Evaluation of the platelet factor 3 availability test for their detection. Mueller-Eckhardt C, et al. **Vox Sang** 33(4):221-33, Oct 77

The problem of platelet autoantibodies. II. The applicability of the 14C-serotonin release test. Mueller-Eckhardt C, et al. **Vox Sang** 33(4):234-45, Oct 77

[Lymphocyte antigens in autoimmune thrombocytopenia] Goebel KM, et al. **Schweiz Med Wochenschr** 106(40):1360-1, 2 Oct 76 (Eng. Abstr.) **(Ger)**

METABOLISM

Incorporation of H3-leucine in the mouse kidney in thrombocytopenia. Attempt to demonstrate thrombopoietin production. Krizsa F, et al. **Acta Haematol (Basel)** 58(3):134-7, 1977

MORTALITY

Cold injury in early infancy. Cohen IJ. **Isr J Med Sci** 13(4):405-9, Apr 77

NURSING

[Cleansing of patients with thrombocytopenia] Seto M. **Jpn J Nurs Res** 10(1):56-62, Winter 77 **(Jpn)**

PATHOLOGY

Myelofibrosis and rapid thrombocytolysis. A case report. Kutti J, et al. **Acta Med Scand** 201(3):249-55, 1977

Specific thrombopoietic inhibition by syngeneic platelet homogenates. Krizsa F, et al. **Biomedicine [Express]** 27(4):145-8, Jun 77

Giant platelets and thrombocytopenia: a bleeding disorder in siblings. Clinical laboratory and electron microscopic aspects. Costa e Silva M, et al. **J Med** 8(2):81-94, 1977

An electron-microscope study of the mechanism of bleeding in experimental thrombocytopenia. Dale C, et al. **J Pathol** 121(4):193-204, Apr 77

Pathomorphology of humoral, cellular and combined primary immunodeficiencies. Heymer B, et al. **Virchows Arch [Pathol Anat]** 374(2):87-103, 3 Jun 77

[Late cavernous hemangiomas, thrombocytopenia, and azotemic glomerulonephritis] Grosshans E, et al. **Ann Dermatol Venereol** 104(1):71-2, Jan 77 **(Fre)**

PHYSIOPATHOLOGY

Platelet kinetics in autoimmune thrombocytopenia: relation between splenic platelet sequestration and response to splenectomy [letter]. Ries CA. **Ann Intern Med** 86(2):194-5, Feb 77

Platelet size and thrombocytopoietic stimulus in man [letter] Kelemen E. **Br J Haematol** 36(3):449-50, Jul 77

Inhibition of hypoxic pulmonary vasoconstriction by dipyridamole is not platelet mediated. Mlczoch J, et al. **Can J Physiol Pharmacol** 55(3):448-51, Jun 77

Thrombocytopoietic serum activity in thrombocytopenia induced by antithrombocytic serum in mice. Marosi Z, et al. **Haematologia (Budap)** 10(2):249-53, 1976

Effects of penicillin G and cephalothin on platelet function in vivo. Cazenave JP, et al. **Proc Soc Exp Biol Med** 152(4):641-4, Sep 76

[Studies on the effect of thrombocytopenia on the rate of fibrin stabilization] Barthels M, et al. **Fortschr Med** 95(19):1281-4, 19 May 77 (Eng. Abstr.) **(Ger)**

[High-mountain hypoxia and blood regeneration in animals with experimental hyporegenerative anemia] Almerekova AA. **Zdravookhr Kirg** (2):23-7, Mar-Apr 77 **(Rus)**

PREVENTION & CONTROL

Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123-36. Spragg RG, et al. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (69 ref.)

Management of presumptive or proven Hodgkin's disease of the liver: anew radiotherapy technique. Schultz HP, et al. **Int J Radiat Oncol Biol Phys** 1(1-2):1-8, Oct-Nov 75

The effect of dipyridamole on the thrombocyte count and bleeding tendency in open-heart surgery. Nuutinen LS, et al. **J Thorac Cardiovasc Surg** 74(2):295-8, Aug 77

[Combined leukeran-prednisolone therapy in metastasizing breast cancer] Cziráki L, et al. **Fortschr Med** 95(15):1043-6, 21 Apr 77 **(Ger)**

SURGERY

Elective splenectomy in the elderly patient. Deckinga BG, et al. **Am Surg** 43(4):195-9, Apr 77

[51Cr assay of platelet kinetics in forty-one patients with peripheral thrombocytopenia (author's transl)] Vázquez R, et al. **Sangre (Barc)** 21(3):513-22, 1976 (Eng. Abstr.) **(Spa)**

THERAPY

Thrombocytopenia and its management in the surgical patient needing multiple reconstructive procedures. Schenkar DL, et al. **Am J Surg** 133(5):572-4, May 77

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171-80, Aug 77 (34 ref.)

Influence of HLA-A2 on the effectiveness of platelet transfusions in alloimmunized thrombocytopenic patients. Duquesnoy RJ, et al. **Blood** 50(3):407-12, Sep 77

Preparation and storage of platelet concentrates. II. Storage variables influencing platelet viability and function. Slichter SJ, et al. **Br J Haematol** 34(3):403-19, Nov 76

Managing chemotherapy-induced bone marrow suppression in cancer. Lokich JJ. **Hosp Pract** 11(8):61-7, Aug 76

The role of histocompatibility in platelet and granulocyte transfusion therapy. pp. 27-42. Yankee R, et al. **In: HLA typing. Washington, American Assoc. of Blood Banks, 1976. WH 460 A5136h 1976.**

Cytotoxic antibody complicating platelet support in acute leukemia. Response to chemotherapy. Green D, et al. **JAMA** 236(9):1044-6, 30 Aug 76

Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133-45, Sep 77 (91 ref.)

Transfusion therapy of thrombocytopania (letter). Davey MG. **Med J Aust** 2(23):884, 4 Dec 76

Transfusion therapy of thrombocytopenia: a reappraisal. Hunt FA, et al. **Med J Aust** 2(18):671-3, 30 Oct 76

Supportive therapy for the leukemic patient in acute relapse. Pochedly C. **Med Times** 105(7):(82)1d-(82)9d, Jul 77

[Typing and detection of antibodies in the PLA system (platelet). Application to the study of neonatal thrombopenia by feto-maternal PLA allo-immunisation] Soulier JP, et al. **Rev Fr Transfus Immunohematol** 19(3):431-48, Sep 76 (Eng. Abstr.)

The clot: platelet transfusion. Chapman R.

Rocky Mt Med J 74(3):146–50, May–Jun 77
Control of auto-immune thrombocytopenia by removal of an atrophic spleen: a case report. Jacobs P, et al. **S Afr Med J** 52(5):194–5, 23 Jul 77
The haemostatic effect of 51CR-labelled blood platelets. An experimental study in the rabbit. Björnson J, et al. **Scand J Haematol** 18(4):326–32, Apr 77
Clinical value of washed-platelet concentrates in patients with non-hemolytic transfusion reactions. Silvergleid AJ, et al. **Transfusion** 17(1):33–7, Jan–Feb 77
Transfusion therapy of refractory thrombcytopenic patients with platelets from donors selectively mismatched for cross-reactive HLA antigens. Duquesnay RJ, et al. **Transplant Proc** 9(1 Suppl 1):221–4, Mar 77
Donor availability for platelet transfusion support of alloimmunized thrombocytopenic patients. Duquesnoy RJ, et al. **Transplant Proc** 9(1):519–21, Mar 77
[Splenectomy in chronic idiopathic thrombocytopenia] Parving HH, et al. **Ugeskr Laeger** 139(2):67–71, Jan 77 (Eng. Abstr.) **(Dan)**
[Replacement therapy in bone marrow insufficiencies] Splinter AW. **Ned Tijdschr Geneeskd** 121(26):1061–6, 25 Jun 77 **(Dut)**
[Transfusion of blood with HL-A type. A study with 2,380 donors (author's transl)] Bouillenne C, et al. **Nouv Rev Fr Hematol Blood Cells** 16(2):203–8, 1976 (Eng. Abstr.) **(Fre)**
[Platelet transfusion] Mannoni P, et al. **Rev Fr Transfus Immunohematol** 19(3):489–511, Sep 76 **(Fre)**
[Histocompatibility and thrombocyte transfusion] Mueller-Eckhardt C. **Blut** 34(4):261–70, Apr 77 **(Ger)**
[Manufacture and transfusion of leukocyte and thrombocyte concentrates with special reference to organizational problems] Blauhut B. **Infusionsther Klin Ernaehr** 4(2):113–6, Apr 77 (Eng. Abstr.) **(Ger)**
[Manufacture and transfusion of leukocyte and thrombocyte concentrates with special reference to hematological problems] Höcker P, et al. **Infusionsther Klin Ernaehr** 4(2):106–11, Apr 77 (Eng. Abstr.) **(Ger)**
[Thrombocyte replacement with HL-A typed non-related single donors] Cornu P, et al. **Schweiz Med Wochenschr** 106(26):889–93, Jun 76 (Eng. Abstr.) **(Ger)**
[Substitution ofpolysensitized patients with platelets from HL-A typed single donors] Gmür J, et al. **Schweiz Med Wochenschr** 106(40):1358–9, 2 Oct 76 (Eng. Abstr.) **(Ger)**
[Replacement therapy in acute nomimmune thrombocytopenia] Gorodetskii VM, et al. **Ter Arkh** 48(10):127–30, 1976 (Eng. Abstr.) **(Rus)**
[The erythrocyte as a patient and the erythrocyte as therapy--immune antibodies in transfusion accidents] Latal-Duančić M. **Bilt Hematol Transfuz** 4(3):39–45, 1976 **(Scr)**
[Hematologic indications for splenectomy (author's transl)] Cepelja Z, et al. **Lijec Vjesn** 99(6):373–6, Jun 77 (Eng. Abstr.) **(Scr)**
[Thrombocytopenia in pregnancy] Holmberg L, et al. **Lakartidningen** 74(18):1832–3, 4 May 77 **(Swe)**

VETERINARY

Clinical investigation of doxorubicin, daunomycin, and 6-thioguanine in normal cats. Henness AM, et al. **Am J Vet Res** 38(4):521–4, Apr 77
Studies on the pathogenesis of Rickettsia rickettsii in the dog: clinical and clinicopathologic changes of experimental infection. Keenan KP, et al. **Am J Vet Res** 38(6):851–6, Jun 77
Idiopathic monoclonal (IgA) gammopathy in a dog. Dewhirst MW, et al. **J Am Vet Med Assoc** 170(11):1313–6, 1 Jun 77
Experimental immunologic thrombocytopenia in dogs: a study of thrombocytopenia and megakaryocytopoiesis. Joshi BC, et al. **Res Vet Sci** 22(1):11–17, Jan 77
Post-transfusion purpura in a pig. Linklater KA. **Res Vet Sci** 22(2):257–8, Mar 77
Clinical examination of bone marrow. Duncan JR, et al. **Vet Clin North Am** 6(4):597–608, Nov 76
Haemorrhagic syndrome of cattle of suspected mycotoxic origin. Dyson DA, et al. **Vet Rec** 100(19):400–2, 7 May 77

THROMBOPLASTIN

The prediction of prothrombin time system performance using secondary standards. Koepke JA, et al. **Am J Clin Pathol** 68(1 Suppl):191–4, Jul 77
Variation among commercial activated partial thromboplastin time reagents in response to heparin. Shapiro GA, et al. **Am J Clin Pathol** 67(5):477–80, May 77
The effects of operative stress on the coagulation profile. Collins GJ Jr, et al. **Am J Surg** 133(5):612–6, May 77
Tissue factor activity of rabbit peritoneal macrophages: influence of immune stimulation. Béguin S, et al. **Ann Immunol (Paris)** 128C(4–5):785–98, Jul–Oct 77
Purification and some properties of the protein component of tissue thromboplastin from human brain. Bjorklid E, et al. **Biochem J** 165(1):89–96, 1 Jul 77
Reconstitution and lipid requirements of porcine tissue thromboplastin. Wijngaards G, et al. **Biochim Biophys Acta** 488(1):161–71, 20 Jul 77
Hemophilia B: characterization of genetic variants and detection of carriers. Kasper CK, et al. **Blood** 50(3):351–66, Sep 77
Detection of factor VIII inhibitors with the partial thromboplastin time. Lossing TS, et al. **Blood** 49(5):793–7, May 77
The activated partial thromboplastin time as a monitor of heparin therapy: a warning. Makary AZ, et al. **Johns Hopkins Med J** 140(6):311–5, Jun 77
Measuring partial thromboplastin-time. An international collaborative study. Poller L, et al. **Lancet** 2(7990):842–6, 16 Oct 76
Factor V. Colman RW, et al. **Methods Enzymol** 45:107–22, 1976
Bovine factor XI (plasma thromboplastin antecedent). Koide T, et al. **Methods Enzymol** 45:65–73, 1976
Bovine factor VIII (antihemophilic factor). Legaz ME, et al. **Methods Enzymol** 45:83–9, 1976
Purification and characterization of tissue factor apoprotein. Pitlick FA, et al. **Methods Enzymol** 45:37–48, 1976
The monitoring of heparin activity during extracorporeal circulation. Gomperts ED, et al. **S Afr Med J** 51(26):973–6, 25 Jun 77
Protection of rats by phospholipase C from Bacillus cereus against the effects of intravenous infusions of purified tissue thromboplastin. Giercksky KE, et al. **Scand J Haematol** 17(4):305–11, Oct 76
Blood surface interactions in extravascular salvageable blood pools. Rakower SR. **Surg Gynecol Obstet** 145(4):555–8, Oct 77
Prothrombin determination by means of a chromogenic peptide substrate. Axelsson G, et al. **Thromb Haemostas** 36(3):517–24, 31 Dec 76
Therapeutic range with bctr [letter]. Barkhan P **Thromb Haemostas** 35(3):751, 30 Jun 76
Absorption of heparin by kaolin [letter]. Barrowcliffe TW, et al. **Thromb Haemostas** 36(2):483–4, 30 Nov 76
Studies on the tissue thromboplastin during the coagulation-fibrinolytic process--ultrastructural changes. Hasegawa H, et al. **Thromb Haemostas** 37(3):541–8, 30 Jun 77
Thrombin elaboration in endotoxin-induced intravascular fibrin deposition. A leukocyte dependent process distinct from systemic hypercoagulability. Lipinski B, et al. **Thromb Haemostas** 36(3):615–22, 31 Dec 76
Chemorheological studies of the effect of heparin on the course of coagulation. Overholser KA, et al. **Thromb Haemostas** 35(2):447–59, 30 Apr 76
On the value of the activated partial thrombo-plastin time (aptt) in monitoring heparin therapy. Teien AN, et al. **Thromb Haemostas** 35(3):592–7, 30 Jun 76
Alteration of plasma antithrombin III levels in ischemic heart disease. Yue RH, et al. **Thromb Haemostas** 35(3):598–606, 30 Jun 76
[Studies on the demonstration of a factor VIII or IX deficiency by means of partial thromboplastin time] Lutze G. **Folia Haematol (Leipz)** 103(6):933–7, 1976 (Eng. Abstr.) **(Ger)**
[Partial thromboplastin time (PTT) in the pediatric age group. Normal values and changes under different storage conditions (author's transl)] Sutor AH, et al. **Klin Paediatr** 188(6):499–507, Nov 76 (Eng. Abstr.) **(Ger)**
[Theoretical basis and practical carrying out of an APTT control test for exact heparin monitoring (author's transl)] Vogel GE. **Med Klin** 72(6):207–11, 11 Feb 77 (Eng. Abstr.) **(Ger)**
[Theoretical basis and practical carrying out of an APTT control test for exact heparin monitoring (author's transl)] Vogel GE. **Med Klin** 72(6):207–11, 11 Feb 77 (Eng. Abstr.) **(Ger)**
[Control of heparinization in the hemodialysis for acute kidney failure] Vogel GE, et al. **Med Welt** 28(19):899–902, 13 May 77 **(Ger)**
[The effect of oral contraceptives on levels of thyroid hormone, blood coagulation and ceruloplasmin (author's transl)] Schenk H, et al. **Munch Med Wochenschr**

119(28):941–4, 15 Jul 77 (Eng. Abstr.) **(Ger)**

[Informative value of control methods for postoperative supervision of medication with aspirin and heparin (author's transl)] Schöndorf TH, et al. **Munch Med Wochenschr** 119(4):119–22, 28 Jan 77 (Eng. Abstr.) **(Ger)**

[Oral anticoagulation: the therapeutic range with different thromboplastins] Duckert F, et al. **Praxis** 66(10):293–4, 8 Mar 77 **(Ger)**

[Studies on the influence of glucose infusion on parameters of hemostasis] Wamhoff D, et al. **Z Gesamte Inn Med** 31(17):711–5, 1 Sep 76 (Eng. Abstr.) **(Ger)**

[Determination of heparin in pharmaceutical preparations by means of APTT (Activated Partial Thromboplastin Time)] Molinari ML, et al. **Boll Chim Farm** 116(3):149–54, Mar 77 (Eng. Abstr.) **(Ita)**

ADMINISTRATION & DOSAGE

Protection of rats by phospholipase C from Bacillus cereus against the effects of intravenous infusions of purified tissue thromboplastin. Giercksky KE, et al. **Scand J Haematol** 17(4):305–11, Oct 76

[Effect of antithrombin III on anticoagulating system function in animals intravenously injected with tissue thromboplastin] Pastorova VE, et al. **Vopr Med Khim** 22(2):240–5, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

ANALYSIS

Measurement of endotoxin. II. Comparison of reactivities measured by radioimmunoassay and with the Limulus test. Kimura H. **Acta Med Okayama** 30(4):257–70, Aug 76

Evaluation of a single-channel photo-optical clot-timing instrument. Weisbrot IM, et al. **Am J Clin Pathol** 68(3):361–7, Sep 77

Tissue-factor coagulant activity of cultured human endothelial and smooth muscle cells and fibroblasts. Maynard JR, et al. **Blood** 50(3):387–96, Sep 77

Values of three coagulation screening tests of precolostral calves. Border M. **Can J Comp Med** 40(3):265–9, Jul 76

Factor VIII deficient plasma for laboratory tests prepared from normal plasma and a human antibody. Exner T, et al. **Haemostasis** 6(3):157–62, 1977

Determination of tissue thromboplastin activity. Wijngaards G, et al. **Haemostasis** 6(2):89–97, 1977

Acquired hemophilia: a case report. Seth HK, et al. **J Am Geriatr Soc** 25(2):94–5, Feb 77

New neonatal problems of blood coagulation and fibrinolysis. II. Thromboplastic effect of amniotic fluid and its relation to lung maturity. Suzuki S, et al. **J Perinat Med** 4(4):221–6, 1976

The effect of dipyridamole on the thrombocyte count and bleeding tendency in open-heart surgery. Nuutinen LS, et al. **J Thorac Cardiovasc Surg** 74(2):295–8, Aug 77

Measuring partial thromboplastin-time. An international collaborative study. Poller L, et al. **Lancet** 2(7990):842–6, 16 Oct 76

Hematology: part IX. Coagulation studies: part II. Tests of plasma-clotting factors. Byrne J. **Nursing (Jenkintown)** 7(6):24–5, Jun 77

Congenital release thrombocytopathy: pathophysiology and management. Adashi E, et al. **Obstet Gynecol** 48(4):403–6, Oct 76

Laboratory modalities for assessing hemostasis during cardiopulmonary bypass. Fekete LF, et al. **Semin Thromb Hemostas** 3(2):83–9, Oct 76

Intravascular coagulation in surgical procedures on the abdominal aorta. Mulcare RJ, et al. **Surg Gynecol Obstet** 143(5):730–4, Nov 76

Monitoring of intraoperative heparinization in vascular surgery. Manny J, et al. **Surgery** 80(5):641–3, Nov 76

Localization of tissue thromboplastin in the human brain. Bjorklid E, et al. **Thromb Haemostas** 37(1):91–7, 28 Feb 77

Properties of human tissue thromboplastins from brain, lung, arteries, and placenta. Gonmori H, et al. **Thromb Haemostas** 36(1):90–103, 31 Aug 76

Comparison between British Comparative Thromboplastin (BCT) and a factor II-VII-X determination method (simplastin A) based on fresh plasma samples from dicoumarol-treated patients. Korsan-Bengtsen K, et al. **Thromb Haemostas** 37(1):98–103, 28 Feb 77

[Normal hemostatic indices in experimental animals] Doichinov A, et al. **Eksp Med Morfol** 16(2):105–7, 1977 (Eng. Abstr.) **(Bul)**

[Therapeutically optimal values in oral anticoagulation (letter)] Loeliger EA, et al. **Ned Tijdschr Geneeskd** 121(31):1242–3, 30 Jul 77 **(Dut)**

[Platelet abnormalities in dysproteinemias (author's transl)] Parquet-Gernez A, et al. **Nouv Rev Fr Hematol** 16(3):437–42, 1976 (Eng. Abstr.) **(Fre)**

Clinical and biological studies in the Bernard-Soulier syndrome (author's trans)] Tobelem G. **Nouv Rev Fr Hematol** 16(3):407–11, 1976 (Eng. Abstr.) **(Fre)**

[Influence of endotoxin-stimulated monocytes on the exogenous coagulation system] Hiller E, et al. **Blut** 34(5):409–12, May 77 **(Ger)**

[Dynamics of blood coagulation disorders in traumatic-hemorrhagic shock] Sefrin P, et al. **Chirurg** 48(4):227–31, Apr 77 (Eng. Abstr.) **(Ger)**

[A new system of analysis for partial thromboplastin time. Comparison with other blood coagulation tests in liver diseases] Pagliano FM, et al. **Arch Sci Med (Torino)** 133(4):321–5, Oct-Dec 76 (Eng. Abstr.) **(Ita)**

[Determination of prothrombin] Yasunaga K. **Jpn J Clin Med** 34 suppl:2433–43, 1976 (38 ref.) **(Jpn)**

[Possibilities of early diagnosis of thromboembolic complications in myocardial infarct by means of biochemical methods] Andreenko GV, et al. **Kardiologiia** 17(1):98–103, Jan 77 (Eng. Abstr.) **(Rus)**

[Hemocoagulating and fibrinolytic properties of the gallbladder] Skipetrov VP, et al. **Vrach Delo** (9):97–9, Sep 76 **(Rus)**

ANTAGONISTS & INHIBITORS

In vitro effects of bencyclan on coagulation, fibrinolysis and platelet function. Ponari O, et al. **Arzneim Forsch** 26(8):1532–8, 1976

Tissue factor in cultured cells: metabolic control. Maynard JR, et al. **Lab Invest** 35(6):542–9, Dec 76

Tissue factor in cultured cells: pharmacologic effects. Maynard JR, et al. **Lab Invest** 35(6):550–7, Dec 76

A new therapy in post-traumatic intravascular coagulation? Giercksky KE, et al. **Thromb Haemostas** 36(3):641–4, 31 Dec 76

[Circulating anticoagulants in disseminated lupus erythematosus. Apropos of 3 cases] Krulik M, et al. **Ann Med Interne (Paris)** 128(1):57–62, Jan 77 **(Fre)**

[Products of fibrinogen splitting and their biological significance (literature survey)] Timoshenko LI. **Lab Delo** (9):515–20, 1976 (91 ref.) **(Rus)**

BIOSYNTHESIS

Tissue factor generation by human mononuclear cells: effects of endotoxin and dissociation of tissue factor generation from mitogenic response. Rickles FR, et al. **J Lab Clin Med** 89(4):792–803, Apr 77

Production of thromboplastin (tissue factor) and thrombi by polymorphonuclear neutrophilic leukocytes adhering to vein walls. Lerner RG, et al. **Thromb Res** 11(1):11–22, Jul 77

Radiolabel incorporation associated with tissue factor production in cultured human fibroblasts and smooth muscle cells. Pitlick FA, et al. **Thromb Res** 10(4):557–66, Apr 77

DIAGNOSTIC USE

Amnioplastin: new reagent for coagulation tests [letter] Creter D. **Lancet** 2(8031):251, 30 Jul 77

IMMUNOLOGY

Mediators of cellular immunity, their nature and assay. Rocklin RE. **J Invest Dermatol** 67(3):372–80, Sep 76

ISOLATION & PURIFICATION

Purification and some properties of the protein component of tissue thromboplastin from human brain. Bjorklid E, et al. **Biochem J** 165(1):89–96, 1 Jul 77

Guinea-pig milk-protein synthesis. Isolation and characterization of messenger ribonucleic acids from lactating mammary gland and identification of caseins and pre-alpha-lactalbumin as translation products in heterologous cell-free systems. Craig RK, et al. **Biochem J** 160(1):57–74, 15 Oct 76

Purification and characterization of tissue factor apoprotein. Pitlick FA, et al. **Methods Enzymol** 45:37–48, 1976

Plasminogen and plasmin. Robbins KC, et al. **Methods Enzymol** 45:257–73, 1976

A human brain thromboplastin standard for distribution in South Africa. Bradlow BA, et al. **S Afr Med J** 50(50):1989–92, 20 Nov 76

METABOLISM

Tissue factor activity of rabbit peritoneal macrophages:

influence of immune stimulation. Béguin S, et al. **Ann Immunol (Paris)** 128C(4–5):785–98, Jul–Oct 77

Divalent cations and complex formation between tissue thromboplastin and factor VII. Wijngaards G, et al. **Biochem Biophys Res Commun** 77(2):658–64, 25 Jul 77

Reconstitution and lipid requirements of porcine tissue thromboplastin. Wijngaards G, et al. **Biochim Biophys Acta** 488(1):161–71, 20 Jul 77

Murine tumor cell activity on in vitro hemostasis. Cattan A, et al. **Biomedicine** 25(7):252–4, 30 Sep 76

A clinical study of the lupus anticoagulant. Schleider MA, et al. **Blood** 48(4):499–509, Oct 76

In vitro thrombogenicity tests of factor IX concentrates. Pepper DS, et al. **Br J Haematol** 36(4):573–83, Aug 77

Control of heparin therapy by thromboelastography. pp. 211–8. Raby C.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Control of heparin therapy. pp. 201–9. Salzman EW, et al.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.

Mediators of inflammation. Ratnoff OD. **J Allergy Clin Immunol** 58(3):438–46, Sep 76 (61 ref.)

Activation and function of human Hageman factor. The role of high molecular weight kininogen and prekallikrein. Meier HL, et al. **J Clin Invest** 60(1):18–31, Jul 77

Leukocyte procoagulant activity: enhancement of production in vitro by IgG and antigen–antibody complexes. Rothberger H, et al. **J Clin Invest** 59(3):549–57, Mar 77

Studies of the coagulation and complement systems during experimental Rocky Mountain spotted fever in rhesus monkeys. Mosher DF, et al. **J Infect Dis** 135(6):985–9, Jun 77

Disseminated intravascular coagulation associated with removal of a primary brain tumor. Case report. Matjasko MJ, et al. **J Neurosurg** 47(3):476–80, Sep 77

The procoagulant activity of human granulocytes, lymphocytes and monocytes stimulated by endotoxin. Coagulation and electron microscopic studies. Hiller E, et al. **Klin Wochenschr** 55(15):751–7, 1 Aug 77

Tissue factor in cultured cells: metabolic control. Maynard JR, et al. **Lab Invest** 35(6):542–9, Dec 76

The hydrolysis of biologically active peptides by bovine lung tissue factor (thromboplastin). Simmons WH, et al. **Proc Soc Exp Biol Med** 152(4):576–84, Sep 76

Regulation of the thrombin time in cirrhosis. Braunstein KM, et al. **Thromb Res** 9(4):301–17, Oct 76

Dissociation of human factor VIII BY Rhizopus lipase. Furlan M, et al. **Thromb Res** 10(3):431–43, Mar 77

[Standardisation and quality control of the thromboplastin time (Quick test) (author's transl)] Beck EA. **Ther Umsch** 34(5):347–9, May 77 (Eng. Abstr.) **(Ger)**

[Most frequent errors in the laboratory control of oral anticoagulation (author's transl)] Duckert F. **Ther Umsch** 34(5):350–4, May 77 (Eng. Abstr.) **(Ger)**

[Mechanism of changes in blood clotting and fibrinolysis under the influence of a constant electric current] Mishchenko VP, et al. **Biofizika** 22(3):489–92, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Fibrinolytic activity of rat blood following exposure to several atherogenic factors] Andreenko GV, et al. **Biol Nauki** (3):74–8, 1977 **(Rus)**

[Functional deficiency of erythrocyte thromboplastin factor] Ashkinazi IIa. **Biull Eksp Biol Med** 83(6):664–6, Jun 77 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Macrophage disappearance reaction induced by lymphokines. Sipka S, et al. **Acta Allergol (Kbh)** 32(1):3–7, Feb 77

Platelet aggregation and adhesiveness in classical factor X deficiency and in the abnormal factor X (factor X Friuli) coagulation disorder. Girolami A, et al. **Acta Haematol (Basel)** 56(5):307–13, 1976

Studies on the mechanism of heparin action by modification of its structure. Danishefsky I. **Fed Proc** 36(1):33–5, Jan 77

Isotopic procedures in the structural analysis of heparin. Shively JE, et al. **Fed Proc** 36(1):28–31, Jan 77

The extract from the tissue of gastric cancer as procoagulant in disseminated intravascular coagulation syndrome. Sakuragawa N, et al. **Thromb Res** 10(3):457–63, Mar 77

Independence of intravascular generation of fibrin monomer and fibrin deposition on canine jugular veins. Stewart GJ, et al. **Thromb Res** 10(1):147–52, Jan 77

No effect of factor Xa or tissue thromboplastin and factor VII on the activation of plasminogen. Wiman B, et al. **Thromb Res** 9(5):523–5, Nov 76

[Effect of thrombin on chemoreceptors of the frog carotid labyrinth] Iur'eva GIu, et al. **Fiziol Zh SSSR** 62(9):1349–54, Sept 76 (Eng. Abstr.) **(Rus)**

[The anticoagulant system following intravenous administration of factor XIII and thromboplastin] Liapina LA, et al. **Fiziol Zh SSSR** 62(8):1166–70, Aug 76 (Eng. Abstr.) **(Rus)**

[Comparative study of the activity of cerebral thromboplastins of various vertebrates] Glazunova GA. **Lab Delo** (5):309–10, 1977 **(Rus)**

[Interrelationship between the dynamic function of thrombocytes and blood coagulation] Pastorova VE. **Usp Fiziol Nauk** 8(2):132–52, Apr–May 77 **(Rus)**

PHYSIOLOGY

Purification and some properties of the protein component of tissue thromboplastin from human brain. Bjorklid E, et al. **Biochem J** 165(1):89–96, 1 Jul 77

Aromatic Tris–amidines. A new class of highly active inhibitors of trypsin–like proteases. Tidwell RR, et al. **Biochim Biophys Acta** 445(3):729–38, 11 Oct 76

Correlation between thromboplastic activity and lecithin/sphingomyelin ratio in amniotic fluid preliminary report. Yaffe H, et al. **Br J Obstet Gynaecol** 84(5):354–6, May 77

Structural features of Salmonella typhimurium lipopolysaccharide required for activation of tissue factor in human mononuclear cells. Rickles FR, et al. **J Clin Invest** 59(6):1188–95, Jun 77

Syndromes of intravascular coagulation. Rodríguez–Erdmann F. **Surg Annu** 9:1–28, 1977 (28 ref.)

Control and complications of intermittent heparin therapy. Norman CS, et al. **Surg Gynecol Obstet** 145(3):338–42, Sep 77

[Blood platelets and blood coagulation] Kubisz P. **Bratisl Lek Listy** 66(1):103–9, 1 Jul 76 **(Cze)**

[Coagulating and fibrinolytic activity of the saliva and its role in the physiology and pathology of the oral cavity] Kuznik BI, et al. **Stomatologiia (Mosk)** 55(4):90–4, Jul–Aug 76 **(Rus)**

[Hemostatic disorders in obstetrics and their correction] Mikhailenko ET, et al. **Pediatr Akush Ginekol** (2):33–8, Mar–Apr 77 **(Ukr)**

SECRETION

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45–51, Apr 76 (107 ref.) **(Rus)**

[Clotting factors and the process of cellular excitation] Rusiaev VF, et al. **Usp Fiziol Nauk** 8(2):94–111, Apr–May 77 **(Rus)**

STANDARDS

British comparative thromboplastin [letter] **S Afr Med J** 51(20):693, 14 May 77

A human brain thromboplastin standard for distribution in South Africa. Bradlow BA, et al. **S Afr Med J** 50(50):1989–92, 20 Nov 76

[Oral anticoagulation. Quality control and standardization of the prothrombin time determination] Riva G, et al. **Schweiz Med Wochenschr** 106(24):809–12, 12Jun 76 **(Ger)**

TOXICITY

Protection of rats by phospholipase C from Bacillus cereus against the effects of intravenous infusions of purified tissue thromboplastin. Gierczsky KE, et al. **Scand J Haematol** 17(4):305–11, Oct 76

TRYPSIN

Fragmentation of porcine beta–lipotropic hormone with plasmin. Gráf L. **Acta Biochim Biophys Acad Sci Hung** 11(4):267–77, 1976

Amino acid sequence of human muscle glyceraldehyde–3–phosphate dehydrogenase. Isolation and amino acid sequences of tryptic peptides. Nowak K, et al. **Acta Biochim Pol** 23(2–3):127–38, 1976

Spatial arrangement of some erythrocyte membrane receptor sites. Geyer G, et al. **Acta Histochem (Jena)** 55(2):317–24, 1976

The metabolism of glucose of nerve cells cultivated under different conditions. Kořínková P, et al.

Acta Histochem (Jena) 56(1):47–65, 1976

Influence of globulin degradation products (GDP) on some centrally acting drugs. Tarasiewicz S, et al. **Acta Med Pol** 18(2):113–21, 1977

Proteolytic degradation of staphylococcal alpha-toxin. Dalen AB. **Acta Pathol Microbiol Scand [B]** 84B(5):309–14, Oct 76

Further characterization of protein A reactive and non-reactive subfragments of Fc from human IgG. Endresen C, et al. **Acta Pathol Microbiol Scand [C]** 84C(5):397–402, Oct 76

Antigenic properties of a DNA-preparation from calf thymus used for the demonstration of anti-DNA. Jonsson J, et al. **Acta Pathol Microbiol Scand [C]** 84C(6):429–41, Dec 76

The effect of environmental conditions on the release of brompheniramine from protein/wax matrix tablets. Groves MJ, et al. **Acta Pharm Suec** 13(4):373–84, 1976

Preparing and staining of Coxiella burnetii natural phase II antigen for the microagglutination reaction. Urvölgyi J. **Acta Virol (Praha)** 20(3):238–42, Jun 76

Primary structure of porcine tropoelastin. Sandberg LB, et al. **Adv Exp Med Biol** 79:277–84, 1977

The isolation and amino acid sequence of some thrombin produced porcine tropoelastin peptides. Torres AR, et al. **Adv Exp Med Biol** 79:267–76, 1977

The nature of a cytopathogenic material present in amebae of the genus Naegleria. Dunnebacke TH, et al. **Am J Trop Med Hyg** 26(3):412–21, May 77

An immunochemical aid to sequence determination of proteins. Brake AJ, et al. **Anal Biochem** 80(1):108–15, 15 May 77

The use of tritiated elastin for the determination of subnanogram amounts of elastase. Stone PJ, et al. **Anal Biochem** 80(2):572–7, Jun 77

Preparative fractionation of peptide mixture by two-dimensional chromatography and electrophosesis on paper. Tivol WF, et al. **Anal Biochem** 78(1):93–105, Mar 77

Biotin enzymes. Wood HG, et al. **Annu Rev Biochem** 46:385–413, 1977 (111 ref.)

Mechanisms of zymogen activation. Stroud RM, et al. **Annu Rev Biophys Bioeng** 6:177–93, 1977 (50 ref.)

Antagonistic action of lipid components of membranes from Candida albicans and various other lipids on two imidazole antimycotics, clotrimazole and miconazole. Yamaguchi H. **Antimicrob Agents Chemother** 12(1):16–25, Jul 77

Comparison of sulfite-polymyxin-sulfadiazine medium and tryptose-sulfite-cycloserine medium without egg yolk for recovering Clostridium perfringens. Orth DS. **Appl Environ Microbiol** 33(4):986–8, Apr 77

Metabolism of N6,O2'-[3H]dibutyryl cyclic adenosine 3',5'-monophosphate and macromolecular interactions of the products perfused rat liver. Castagna M, et al. **Arch Biochem Biophys** 181(1):46–60, May 77

The cellular location of dihydroorotate dehydrogenase: relation to de novo biosynthesis of pyrimidines. Chen JJ, et al. **Arch Biochem Biophys** 176(1):82–90, Sep 76

Primary structure of the S-peptide formed by digestion of rabbit liver fructose 1,6-biphosphatase with subtilisin. El-Dorry HA, et al. **Arch Biochem Biophys** 182(2):763–73, Aug 77

Cooperativity in F-actin filaments on binding of myosin subfragments, demonstrated by fluorescence of 1, N6-ethenoadenosine diphosphate. Harvey SC, et al. **Arch Biochem Biophys** 179(2):391–6, Mar 77

2-Deoxyribose-5-phosphate aldolase: isolation and characterization of proteins genetically modified in the active site region. Jargiello P, et al. **Arch Biochem Biophys** 177(2):630–41, Dec 76

Eucaryotic oligonucleotides affecting mRNA translation. Lee-Huang S, et al. **Arch Biochem Biophys** 180(2):276–87, 30 Apr 77

Active site studies of human thrombin and bovine trypsin: peptide substrates. Lobo AP, et al. **Arch Biochem Biophys** 177(1):235–44, Nov 76

Studies on the mechanism of the conversion of cytosol delta-aminolevulinic acid synthase to the mitochondrial enzyme in the liver of the allylisopropylacetamide-treated rat. Oashi A, et al. **Arch Biochem Biophys** 178(2):607–16, 30 Jan 77

Activation of alkyldihydroxyacetone phosphate synthase by detergents. Rock CO, et al. **Arch Biochem Biophys** 181(1):172–7, May 77

Properties of Neurospora crassa plasma membrane ATPase. Scarborough GA. **Arch Biochem Biophys** 180(2):384–93, 30 Apr 77

2-Keto-3-deoxy-6-phosphogluconic aldolase. Primary structure of a 50 amino acid peptide containing the azomethine-forming lysine residue. Tsay DD, et al. **Arch Biochem Biophys** 177(1):144–56, Nov 76

Mechanism of action of thrombin on fibrinogen. The reaction of thrombin with fibrinogen-like peptides containing 11, 14, and 16 residues. van Nispen JW, et al. **Arch Biochem Biophys** 182(1):227–43, Jul 77

Instability of DTNB-treated globin or haemoglobin. Baptist NG, et al. **Aust J Biol Sci** 29(3):181–8, Jul 76

alpha-chain sequence of newt haemoglobin (Taricha granulosa). Coates M, et al. **Aust J Biol Sci** 30(1–2):1–19, Apr 77

Preparation of metabolically active cell suspensions from wool roots. Ward KA. **Aust J Biol Sci** 29(5–6):443–51, Dec 76

The Cmu3-domain of IgM: isolation and identification of the intact fragment. Bubb MO, et al. **Biochem Biophys Res Commun** 77(2):613–20, 25 Jul 77

Identification of a cysteine residue of glutamate dehydrogenase that binds p-chloromercuribenzoic acid. Cosson MP, et al. **Biochem Biophys Res Commun** 72(4):1304–10, 18 Oct 76

beta-Endorphin: structure-activity relationships in the guinea pig ileum and opiate receptor binding assays. Doneen BA, et al. **Biochem Biophys Res Commun** 74(2):656–62, 24 Jan 77

Dissection of flavocytochrome b2-a bifunctional enzyme-into a cytochrome core and a flavoprotein molecule. Gervais M, et al. **Biochem Biophys Res Commun** 77(4):1543–51, 22 Aug 77

Inhibition of chloroplast adenosine triphosphatase activity by adenosine triphosphatase inhibitor from beef heart mitochondria. Hasebe H, et al. **Biochem Biophys Res Commun** 77(3):932–8, 8 Aug 77

Human alpha-1-proteinase inhibitor mechanism of action: evidence for activation by limited proteolysis. Johnson DA, et al. **Biochem Biophys Res Commun** 72(1):33–9, 7 Sep 76

Amino acid sequence of cardiotoxin-analogue II from the venom of Naja Naja Atra. Kaneda N, et al. **Biochem Biophys Res Commun** 72(4):1450–5, 18 Oct 76

Identification of the covalently bound flavin of L-gulono-gamma-lactone oxidase. Kenney WC, et al. **Biochem Biophys Res Commun** 71(4):1194–200, 23 Aug 76

The isolation of mRNA encoding the alpha subunit of human chorionic gonadotropin. Landefeld TD, et al. **Biochem Biophys Res Commun** 72(2):381–90, 20 SEP 76

Isolation, characterization and opiate activity of beta-endorphin from human pituitary glands. Li CH, et al. **Biochem Biophys Res Commun** 72(4):1542–7, 18 Oct 76

Isolation and primary structure of beta-endrophin and beta-lipotropin from bovine pituitary glands. Li CH, et al. **Biochem Biophys Res Commun** 77(3):1088–93, 8 Aug 77

Negatively charged phosphopeptides of nucleolar nonhistone proteins from Novikoff hepatoma ascites cells. Mamrack MD, et al. **Biochem Biophys Res Commun** 76(1):150–7, 9 May 77

Proteolytic digestion of histones indicates that the nucleosomes of nuclei and of sheared chromatin are similar. Marks DB, et al. **Biochem Biophys Res Commun** 74(1):134–9, 10 Jan 77

Electron paramagnetic resonance spectroscopy as a monitor of the pathway of the thermal unfolding of ribonuclease A. Matheson RR Jr, et al. **Biochem Biophys Res Commun** 74(3):869–76, 7 Feb 77

Higher molecular weight immunoreactive species of luteinizing hormone releasing hormone: possible precursors of the hormone. Millar RP, et al. **Biochem Biophys Res Commun** 74(2):720–31, 24 Jan 77

Amino acid sequence studies on the fragments produced from horseshoe crab coagulogen during gel formation: homologies with primate fibrinopeptide B. Nakamura S, et al. **Biochem Biophys Res Commun** 72(3):902–8, 4 Oct 76

Alignment of the tryptic fragments and location of sulfhydryl groups of the polypeptide chain elongation factor Tu. Nakamura S, et al. **Biochem Biophys Res Commun** 77(4):1418–24, 22 Aug 77

Human plasma alpha1-proteinase inhibitor: temporary inhibition and multiple molecular forms of the complex with porcine trypsin. Oda K, et al. **Biochem Biophys Res Commun** 76(4):1062–70, 20 Jun 77

Effect of a peptide stabilizing factor on liver ATP citrate lyase. Osterlund B, et al. **Biochem Biophys Res Commun** 76(1):1–8, 9 May 77

Formyl-methenyl-methylenetetrahydrofolate synthetase (combined); correlation of enzymic activities with limited proteolytic degradation of the protein from yeast. Paukert JL, et al. **Biochem Biophys Res Commun** 77(1):147–54, 11 Jul 77

Striking susceptibility of a kinin-yielding pentadeca-peptide to tryptic hydrolysis. Prado ES, et al. **Biochem Biophys Res Commun** 72(1):100–7, 7 Sep 76

Agglutination of a transformed mouse cell line and a variant

subline with concanavalin A: effect of temperature and time of lectin incubation. Rittenhouse HG, et al. **Biochem Biophys Res Commun** 71(4):975–83, 23 Aug 76

Primary structure of the B-chain of porcine relaxin. Schwabe C, et al. **Biochem Biophys Res Commun** 75(2):503–10, 21 Mar 77

The complete sequence of sheep beta-endorphin. Seidah NG, et al. **Biochem Biophys Res Commun** 74(4):1528–35, 21 Feb 77

Primary structure of the essential thiol peptide from the lactate dehydrogenase C subunit. Wheat TE, et al. **Biochem Biophys Res Commun** 74(3):1066–70, 7 Feb 77

The amino acid sequence of 'heavy chain disease' protein ZUC. Structure of the Fc fragment of immunoglobulin G3. Wolfenstein-Todel C, et al. **Biochem Biophys Res Commun** 71(4):907–14, 23 Aug 76

Isolation of a substrate-containing active-site peptide from aspartokinase I. Wright JK, et al. **Biochem Biophys Res Commun** 72(4):1456–61, 18 Oct 76

Inhibition of muscle actomyosin ATPase activity by mitochondrial ATPase inhibitor. Yamazaki S, et al. **Biochem Biophys Res Commun** 75(4):1104–10, 25 Apr 77

The effective use of immobilized anhydrotrypsin for the isolation of biologically active peptides containing L-arginine residues in C-termini. Yokosawa H, et al. **Biochem Biophys Res Commun** 72(4):1443–9, 18 Oct 76

Primary structure of the marmoset (Saguinus fusicollis) hemoglobin. I. Use of tryptic maleylated peptides in the solubilization and sequence elucidation of the alpha- and beta-chains. Lin KD, et al. **Biochem Genet** 14(5–6):427–40, Jun 76

Location of the carbohydrate groups of ovomucoid. Beeley JG. **Biochem J** 159(2):335–45, Nov 76

Carboxymethylation of methionine residues in bovine pituitary luteinizing hormone and its subunits. Location of specifically modified methionine residues. Cheng KW. **Biochem J** 159(1):79–87, 1 Oct 76

Specificity of a protein phosphatase inhibitor from rabbit skeletal muscle. Cohen P, et al. **Biochem J** 162(2):435–44, 15 Feb 77

The alpha macroglobulins of rat serum. Gordon AH. **Biochem J** 159(3):643–50, 1 Dec 76

A functioning complex between tryptic fragments of cytochrome c. A route to the production of semisynthetic analogues. Harris DE, et al. **Biochem J** 161(1):21–5, 1 Jan 77

The phosphorylation sites of troponin T from white skeletal muscle and the effects of interaction with troponin C on their phosphorylation by phosphorylase kinase. Moir AJ, et al. **Biochem J** 161(2):371–82, 1 Feb 77

Diazoalkanes in peptide semisynthesis. Offord RE, et al. **Biochem J** 159(3):480–6, 1 Dec 76

Structure and metabolism of rat liver heparan sulphate. Oldberg A, et al. **Biochem J** 164(1):75–81, 15 Apr 77

Evidence that latent collagenases are enzyme-inhibitor complexes. Sellers A, et al. **Biochem J** 163(2):303–7, 1 May 77

The subunit structure of rabbit skeletal-muscle phosphofructokinase and the amino acid sequence of the tryptic peptide containing the highly reactive thiol group. Simpson IA, et al. **Biochem J** 163(2):309–16, 1 May 77

Adenosine 3':5'-cyclic monophosphate-binding proteins in bovine and rat tissues. Sugden PH, et al. **Biochem J** 159(2):423–7, Nov 76

A latent form of collagenase in the involuting rat uterus and its activation by a serine proteinase. Woessner JF Jr. **Biochem J** 161(3):535–42, 1 Mar 77

Reduced nicotinamide adenine dinucleotide-dependent reduction of tertiary amine N-oxide by liver microsomal cytochrome P-450. Sugiura M, et al. **Biochem Pharmacol** 26(6):489–95, 15 Mar 77

Preliminary studies on the structure of the calcium-activated adenosine triphosphatase of sarcoplasmic reticulum. Green NM, et al. **Biochem Soc Symp** (39):111–3, 1974

Cell-surface glycoproteins in normal and transformed cells. Warren L, et al. **Biochem Soc Symp** (40):147–57, 1974 (32 ref.)

Studies of a haem-containing protein associated with cases of beta0-thalassaemia in patients of West Indian origin. Saundry RH, et al. **Biochem Soc Trans** 4(4):763–5, 1976

A quantitative comparison of the dissociation of adult mammalian muscle by various enzymes. Yasin R, et al. **Biochem Soc Trans** 4(1):53–5, 1976

31P nuclear magnetic resonance evidence for polyphosphoinositide associated with the hydrophobic segment of glycophorin A. Armitage IM, et al. **Biochemistry** 16(7):1317–20, 5 Apr 77

Interspecies homology of RNA tumor virus proteins. Benson JR, et al. **Biochemistry** 16(10):2059–64, 17 May 77

Primary structure of human J chain: isolation and characterization of tryptic and chymotryptic peptides of human J chain. Bhown AS, et al. **Biochemistry** 16(16):3501–7, 9 Aug 77

Fluorescence energy-transfer measurements between the calcium binding site and the specificity pocket of bovine trypsin using lanthanide probes. Darnall DW, et al. **Biochemistry** 15(23):5017–23, 16 Nov 76

Couplings between the sites for methionine and adenosine 5'-triphosphate in the amino acid activation reaction catalyzed by trypsin-modified methionyl-transfer RNA synthetase from Escherichia coli. Fayat G, et al. **Biochemistry** 16(11):2570–9, 31 May 77

Thyroid Ribonucleic Acid-Iodopeptides. Comparison of Tyrosyl-Complex II and Tyrosyl-tRNA. Fisher PA, et al. **Biochemistry** 15(18):4065–70, 7 Sep 76

Partial sequence of the variable region of an anti-p-azobenzoate antibody light chain: a one solvent sequenator program. Friedenson B, et al. **Biochemistry** 15(22):4876–80, 2 Nov 76

Isolation of amino-terminal fragment of lactose repressor necessary for DNA binding. Geisler N, et al. **Biochemistry** 16(5):938–43, 8 Mar 77

Conversion of proparathyroid hormone to parathyroid hormone: studies in vitro with trypsin. Goltzman D, et al. **Biochemistry** 15(23):5076–82, 16 Nov 76

A functionally active tryptic fragment of Escherichia coli elongation factor Tu. Jacobson GR, et al. **Biochemistry** 15(23):5105–110, 16 Nov 76

Identification and properties of the covalently bound flavin of beta-cyclopiazonate oxidocyclase. Kenney WC, et al. **Biochemistry** 15(22):4931–5, 2 Nov 76

Thermodynamic and conformational studies on an immunoglobulin light chain which reversibly precipitates at low temperatures. Klein M, et al. **Biochemistry** 16(3):552–60, 8 Feb 77

Structure of bovine trypsinogen at 1.9 A resolution. Kossiakoff AA, et al. **Biochemistry** 16(4):654–64, 22 Feb 77

The complete amino acid sequence of the major component myoglobin from the arctic minke whale, Balaenoptera acutorostrata. Lehman LD, et al. **Biochemistry** 16(4):706–9, 22 Feb 77

Translation of satellite tobacco necrosis virus ribonucleic acid by an in vitro system from wheat germ. Leung DW, et al. **Biochemistry** 15(22):4943–50, 2 Nov 76

Evidence for a precursor-product relationship in the biosynthesis of ribosomal protein S20. Mackie GA. **Biochemistry** 16(7):1391–8, 5 Apr 77

Primary structure of human J chain: alignment of peptides from chemical and enzymatic hydrolyses. Mole JE, et al. **Biochemistry** 16(16):3507–13, 9 Aug 77

Purification and characterization of a peptide from the carboxy-terminal region of chick tendon procollagen type I. Olsen BR, et al. **Biochemistry** 16(13):3030–6, 28 Jun 77

Amino acid sequence of the VH region of a human myeloma immunoglobulin (IgG New). Poljak RJ, et al. **Biochemistry** 16(15):3412–20, 26 Jul 77

Covalent structure of collagen: amino acid sequence of cyanogen bromide peptides from the amino-terminal segment of type III collagen of human liver. Seyer JM, et al. **Biochemistry** 16(6):1158–64, 22 Mar 77

Effect of specific trifluoroacetylation of individual cytochrome c lysines on the reaction with cytochrome oxidase. Staudenmayer N, et al. **Biochemistry** 16(4):600–4, 22 Feb 77

Complete amino acid sequence of azotoflavin, a flavodoxin from Azotobacter vinelandii. Tanaka M, et al. **Biochemistry** 16(16):3525–37, 9 Aug 77

Phospholipid-protein interactions in human low density lipoprotein detected by 31P nuclear magnetic resonance. Yeagle PL, et al. **Biochemistry** 16(15):3487–91, 26 Jul 77

Appearance and composition of chlorophyll-protein complexes I and II during chloroplast membrane biogenesis in Chlamydomonas reinhardi y-1. Bar-Nun S, et al. **Biochim Biophys Acta** 459(3):451–67, 11 Mar 77

Identification of a mucosal form of enteropeptidase in triton X-100 extracts of porcine duodenal mucosa. Barns RJ, et al. **Biochim Biophys Acta** 480(2):450–60, 9 Feb 77

Effect of divalent metal ions on the digestibility of concanavalin A by endopeptidases. Blumberg S, et al. **Biochim Biophys Acta** 453(2):357–64, 22 Dec 76

Hemoglobin Fort de France (alpha2(45)(CD3) His replaced by Arg beta2). A new variant with increased oxygen affinity. Braconnier F, et al. **Biochim Biophys Acta** 493(1):228–33, 22 Jul 77

Haemoglobin F Melbourne Ggamma 16 Gly leads to Arg and haemoglobin F carlton Ggamma 121 Glu leads to Lys. Further evidence for varied activity of gamma-chain genes. Brennan SO, et al. **Biochim Biophys Acta** 490(2):452–5, 22

Feb 77

The effect of trypsin on bovine transferrin and lactoferrin. Brock JH, et al. **Biochim Biophys Acta** 446(1):214–25, 28 Sep 76

Differential sensitivity to trypsin digestion of purified forms of Micrococcus lysodeikticus ATPase (BFI). A study of their structural and conformational differences and mechanism of conversion. Carreira J, et al. **Biochim Biophys Acta** 492(2):387–98, 24 Jun 77

Preparation and properties of carp muscle parvalbumin fragments A (residues 1 leads to 75) and B (residues 76 leads to 108). Coffee CJ, et al. **Biochim Biophys Acta** 453(1):67–80, 26 Nov 76

Purification and properties of pyruvate kinase from human lung. Corcoran E, et al. **Biochim Biophys Acta** 446(1):96–104, 28 Sep 76

The gamma chain of the lamb. Darbre PD, et al. **Biochim Biophys Acta** 446(1):10–8, 28 Sep 76

Comparison of the myoglobin of the bat-eared fox (Otocyon megalotis) with that of the domestic dog (Canis familiaris). Darbre PD, et al. **Biochim Biophys Acta** 453(1):285–8, 26 Nov 76

Primary structures of alpha-crystallin A chains of elephant, whale, hyrax and rhinoceros. De Jong WW, et al. **Biochim Biophys Acta** 491(2):573–80, 25 Apr 77

Asymmetric binding of cytochrome b5 to the membrane of human erythrocyte ghosts. Enomoto KI, et al. **Biochim Biophys Acta** 466(1):136–47, 1 Apr 77

Hemoglobin Dakar = Hb Grady: demonstration by a new approach to the analysis of the tryptic core region of the alpha chain and oxygen equilibrium properties. Garel MC, et al. **Biochim Biophys Acta** 453(2):459–71, 22 Dec 76

The amino-terminal tryptic peptide of bovine rhodopsin. A glycopeptide containing two sites of oligosaccharide attachment. Hargrave PA. **Biochim Biophys Acta** 492(1):83–94, 27 May 77

Effect of trypsin on rabbit skeletal muscle alpha-actinin. Holmes GR, et al. **Biochim Biophys Acta** 446(2):445–56, 28 Oct 76

Tryptic fragmentation of 30-S dynein from Tetrahymena cilia. Hoshino M. **Biochim Biophys Acta** 492(1):70–82, 27 May 77

Modification of amino acids and bovine pancreatic ribonuclease A by kethoxal. Iijima H, et al. **Biochim Biophys Acta** 491(1):305–16, 28 Mar 77

Immunochemical studies on the large polypeptide of electrophorus electroplax (Na+ + K+)-ATPase. Jean DH, et al. **Biochim Biophys Acta** 452(1):219–26, 8 Nov 76

Purification and properties of rabbit trypsin. Johnson DA. **Biochim Biophys Acta** 452(2):482–7, 8 Dec 76

On the susceptibility of human platelets to aggregation by concanavalin A and the effect of this lectin on their response to ADP. Jones BM, et al. **Biochim Biophys Acta** 448(2):368–78, 5 Oct 76

A microacalorimetric study of the interaction between trypsin and sodium n-dodecyl sulphate. Jones MN. **Biochim Biophys Acta** 491(1):121–8, 28 Mar 77

Purification and characterization of (Na+ + K+)-ATPase. VI. Differential tryptic modification of catalytic functions of the purified enzyme in presence of NaCl and KCl. Jorgensen PL. **Biochim Biophys Acta** 466(1):97–108, 1 Apr 77

Primary structures of cardiotoxin analogues II and IV from the venom of Naja jaja atra. Kaneda N, et al. **Biochim Biophys Acta** 491(1):53–66, 28 Mar 77

Studies on prolactin. 40. Chemical modification of tyrosine residues in the ovine hormone. Kawauchi H, et al. **Biochim Biophys Acta** 493(2):380–92, 23 Aug 77

Partial purification of human intestinal alkaline phosphatase with affinity chromotography. Some properties and interaction of concanavalin A with alkaline phosphatase. Komoda T, et al. **Biochim Biophys Acta** 445(3):645–60, 11 Oct 76

Receptor distribution and the mechanism of enhanced erythrocyte agglutination by soybean agglutinin. Kuettner CA, et al. **Biochim Biophys Acta** 448(1):114–20, 21 Sep 76

The amino acid sequence of topi pancreatic ribonuclease. Kuper H, et al. **Biochim Biophys Acta** 446(2):337–44, 28 Oct 76

Fractionation of primary amyloid fibrils. Characterization and chemical interaction of the subunits. Lian JB, et al. **Biochim Biophys Acta** 491(1):167–76, 28 Mar 77

The mechanism of wheat germ agglutinin mediated cytolysis of murine mastocytoma cells. Lustig S, et al. **Biochim Biophys Acta** 498(1):154–66, 23 Jun 77

Regulation of RNA synthesis in corpora lutea nucleic by luteinizing hormone and derivatives. Mckerns KW, et al. **Biochim Biophys Acta** 454(1):51–4, 12 Nov 76

Purification and characterization of a protein kinase modulator from rat mammary gland. Majumder GC. **Biochim Biophys Acta** 483(2):279–93, 11 Aug 77

A tryptic digestion fragment of nerve growth factor with nerve growth promoting activity. Mercanti D, et al. **Biochim Biophys Acta** 496(2):412–9, 28 Feb 77

The role of an alpha2-macroglobulin of rat serum in the phagocytosis of colloidal particles. Molnar J, et al. **Biochim Biophys Acta** 493(1):37–54, 22 Jul 77

Stimulation of the biosynthesis of membrane glycoproteins from Zajdela ascites hepatoma cells by Robinia lectin. Moreau-Gachelin F, et al. **Biochim Biophys Acta** 443(3):375–86, 7 Sep 76

Hypoxanthine-guanine phosphoribosyltransferase from rat liver. Effects of magnesium 5-phosphoribosyl 1-pyrophosphate on the chemical modification and stability of the enzyme. Natsumeda Y, et al. **Biochim Biophys Acta** 483(1):63–9, 8 Jul 77

Disposition of glycoproteins in plasma membrane of cultured rat embryonic fibroblasts. Nigam VN, et al. **Biochim Biophys Acta** 468(3):472–85, 1 Aug 77

Solubilization of angiotensin I-coverting enzyme from rabbit lung using trypsin treatment. Nishimura K, et al. **Biochim Biophys Acta** 452(1):144–50, 8 Nov 76

The abnormality of the S variant of human alpha-1-antitrypsin. Owen MC, et al. **Biochim Biophys Acta** 453(1):257–61, 26 Nov 76

The primary structure of phospholipase A2 from porcine pancreas. A reinvestigation. Puijk WC, et al. **Biochim Biophys Acta** 492(2):254–9, 24 Jun 77

Studies on the enzymatic hydrolysis of polyglutamyl folates by chicken liver folyl poly-gamma-glutamyl carboxypeptidase. II. Structural studies. Rao KN, et al. **Biochim Biophys Acta** 481(2):608–15, 12 Apr 77

Stabilization of bovine trypsin by reductive methylation. Rice RH, et al. **Biochim Biophys Acta** 492(2):316–21, 24 Jun 77

Isolation, characterization and partial amino acid sequence of a phosphorylated polypeptide (E4) from bovine embryonic dental enamel. Seyer JM, et al. **Biochim Biophys Acta** 493(2):441–51, 23 Aug 77

Distribution of the T-antigen on erythroid cell surfaces. Studies with peanut agglutinin, an anti-T specific lectin. Skutelsky E, et al. **Biochim Biophys Acta** 467(2):165–74, 2 Jun 77

Preparation and properties of trypsin and chymotrysin coupled covalently to poly (N-vinylpyrrolidone). Specht BU, et al. **Biochim Biophys Acta** 484(1):109–14, 15 Sep 77

The degradation of articular collagen by neutrophil proteinases. Starkey PM, et al. **Biochim Biophys Acta** 483(2):386–97, 11 Aug 77

The binding of tentoxin to a tryptic digest of chloroplast coupling factor 1. Steele JA, et al. **Biochim Biophys Acta** 459(3):347–50, 11 Mar 77

Polymeric collagen fibrils. An example of substrate-mediated steric obstruction of enzymic digestion. Steven FS. **Biochim Biophys Acta** 452(1):151–60, 8 Nov 76

Snake venom toxins. The amino acid sequence of toxin Vi2, a homologue of pancreatic trypsin inhibitor, from Dendroaspis polylepis polylepis (black mamba) venom. Strydom DJ. **Biochim Biophys Acta** 491(2):361–9, 25 Apr 77

The action of proteolytic enzymes on chloroplast thylakoid membranes. Süss KH, et al. **Biochim Biophys Acta** 448(1):103–13, 21 Sep 76

Immunochemical studies on the subunits of rabbit-intestinal sucrase-isomaltase complex. Takesue Y, et al. **Biochim Biophys Acta** 483(2):375–85, 11 Aug 77

Multiple hemoglobin alpha-chains in the sika deer (Cervus nippon). Taylor WJ, et al. **Biochim Biophys Acta** 492(1):126–35, 27 May 77

Vesicle penicillinase of Bacillus licheniformis 749/C. Apparent identity with the plasma membrane enzyme. Traficante LJ, et al. **Biochim Biophys Acta** 467(1):44–50, 16 May 77

Structural and topological homology between porcine intestinal and renal brush border aminopeptidase. Vannier C, et al. **Biochim Biophys Acta** 455(1):185–99, 11 Nov 76

Preparation of monoiodotyrosine-13-glucagon. Von Schenck H, et al. **Biochim Biophys Acta** 491(2):503–8, 25 Apr 77

Structural features of rat cardiac ferritins. Vulimiri L, et al. **Biochim Biophys Acta** 491(1):67–75, 28 Mar 77

A study of the enzymic dephosphorylation of beta-casein and a derived phosphopeptide. West DW, et al. **Biochim Biophys Acta** 453(2):383–90, 22 Dec 76

Temperature-dependent changes of myeloma immunoglobulin G (K) IVA, Bence-Jones protein (K-type) IVA and its fragments. Zav'yalov VP, et al. **Biochim Biophys Acta** 491(1):7–15, 28 Mar 77

Thermally induced conformational transitions of Bence-Jones protein IVA and its proteolytic fragments. Zav'yalov VP, et al. **Biochim Biophys Acta** 492(1):102–11, 27 May 77

Subunit structure of human alpha 2-macroglobulin (alpha 2-MG) with respect to its interaction with trypsin. Frénoy JP, et al. **Biochimie** 59(4):351-4, 1977

Preparation of specific immune sera against rabbit skeletal, pig and human cardiac heavy meromyosins. Schwartz K, et al. **Biomedicine** 27(1):22-6, 31 Jan 77

The structure of the complex formed by bovine trypsin and bovine pancreatic trypsin inhibitor III. Structure of the anhydro-trypsin-inhibitor complex. Huber R, et al. **Biophys Struct Mech** 1(3):189-201, 30 May 75

Fluorescence of proteins in aqueous neutral salt solutions. I. Influence of anions. Altekar W. **Biopolymers** 16(2):341-68, Feb 77

Fluorescence of proteins in aqueous neutral salt solutions. II. Influence of monovalent cation chlorides, particularly cesium chloride. Altekar W. **Biopolymers** 16(2):369-86, Feb 77

Interaction of sulfated polysaccharides with plasma membranes--II. Effect of ionic strength, temperature and trypsin digestion of the erythrocyte surface on the aggregation of erythrocytes by iota carrageenans. Pittz EP, et al. **Biorheology** 14(1):33-42, 77

Incorporation of stored cell-free dermal collagen allografts into skin wounds: a short term study. Oliver RF, et al. **Br J Plast Surg** 30(1):88-95, Jan 77

Enzymic preparation of neurosecretosome- and pituicyte-enriched fractions from the rat neurohypophysis. Boer GJ, et al. **Brain Res** 114(2):257-77, 17 Sep 76

Immunological and biochemical comparison of tubulin and intermediate brain filament protein. Liem RK, et al. **Brain Res** 132(1):167-71, 19 Aug 77

Amino acid sequence of penicillopepsin. III. Isolation and characterization of amino terminal, tryptic, and tryptophanyl peptides. Harris CI, et al. **Can J Biochem** 54(10):895-901, Oct 76

Comparative study of rye and thymus histones: amino acid analysis and tryptic fingerprinting. Nadeau P, et al. **Can J Biochem** 55(7):721-7, Jul 77

Human pituitary thyrotropin. The primary structure of the alpha and beta subunits. Sairam MR, et al. **Can J Biochem** 55(7):755-60, Jul 77

Morphine-like activity of sheep beta-lipotropin and of its tryptic fragments. Seidah NG, et al. **Can J Biochem** 55(1):35-40, Jan 77

Transglutaminase activity in normal and transformed cells. Birckbichler PJ, et al. **Cancer Res** 37(5):1340-4, May 77

Changes in carbohydrate content of surface membranes of human erythrocytes during ageing. Gattegno, L, et al. **Carbohydr Res** 52:197-208, Dec 76

Restoration of normal morphology, adhesion and cytoskeleton in transformed cells by addition of a transformation-sensitive surface protein. Ali IU, et al. **Cell** 11(1):115-26, May 77

Surface glycosaminoglycans as a differentiation cofactor in neuroblastoma cell cultures. Augusti-Tocco G, et al. **Cell Differ** 5(3):161-70, Oct 76

Spontaneous plaque-forming cells against autologous erythrocytes develop in cultures of normal rabbit appendix cells. Scheffel JW, et al. **Cell Immunol** 26(1):54-67, Sep 76

Outgrowth in vitro of cervical epithelium separated from the uterovaginal anlage of newborn mice. An ultrastructural study. Abro A, et al. **Cell Tissue Res** 179(4):483-500, 29 Apr 77

In vivo and in vitro formation of the junctional complex in choroid epithelium. A freeze-etching study. Dermietzel R, et al. **Cell Tissue Res** 181(4):427-41, 19 Jul 77

Exocrine pancreas under experimental conditions. III. Membrane and cell junctions in isolated acinar cells. Metz J, et al. **Cell Tissue Res** 177(4):459-74, 14 Feb 77

Studies on the surface coat of Paramecium aurelia. II. Relationship to the immobilization antigen. Wyroba E. **Cell Tissue Res** 181(2):245-53, 11 Jul 77

Measurement of antitryptic activity of serum with a centrifugal analyzer. Konings CH. **Clin Chem** 23(9):1760-3, Sep 77

alpha1-Antitrypsin with unusual behaviour. Lie-injo LE. **Clin Chim Acta** 72(1):83-7, 1 Oct 76

An active site peptide from human placental alkaline phosphatase. Whitaker KB, et al. **Clin Chim Acta** 71(2):285-91, 6 Sep 76

An extractable nuclear antigen not attaching to tannic acid-treated erythrocytes. Jonsson J, et al. **Clin Exp Immunol** 25(1):144-51, Jul 76

Enhancement of in vitro immunoglobulin synthesis of human lymphocytes by lysosomal enzymes from polymorphonuclear leucocytes. Yamasaki K, et al. **Clin Exp Immunol** 27(2):254-60, Feb 77

Impaired lymphocyte responses to PPD-tuberculin in advanced breast carcinoma. Increased reactivity after depletion of phagocytic or adherent cells. Blomgren H, et al. **Clin Oncol** 2(4):379-92, Dec 76

An examination of the distribution of hen- and goose-type lysozymes in Anseriformes. Bailey CJ, et al. **Comp Biochem Physiol [B]** 55(3B):429-33, 1976

Parvalbumins of white muscles of Gadidae--II. Properties and existence of two evolutionary lineages. Closset JI, et al. **Comp Biochem Physiol [B]** 55(4):537-42, 1976

The primary structure of the hemoglobin beta-chain of Microtus xanthognathus. Duffy LK, et al. **Comp Biochem Physiol [B]** 56(2):143-6, 1977

A comparison of cytochrome c from Macrobrachium malcomsonii with other invertebrate cytochromes c. Lyddiatt A, et al. **Comp Biochem Physiol [B]** 55(3B):337-42, 1976

Comparison of the muscle protein paramyosin from different molluscan species. Melson GL, et al. **Comp Biochem Physiol [B]** 55(4):503-10, 1976

The vitelline envelope-to-fertilization envelope transformation in the toad Bufo arenarum. Miceli DC, et al. **Dev Biol** 59(2):101-10, Sep 77

The amino-acid sequence of a peptide (PS-1) from Drosophila funebris: a paragonial peptide from males which reduces the receptivity of the female. Baumann H, et al. **Eur J Biochem** 52(3):521-9, 1 Apr 75

Purification of six neurotoxins from the venom of Dendroaspis viridis. Primary structure of two long toxins. Bechis G, et al. **Eur J Biochem** 68(2):445-56, 15 Sep 76

The phosphoenolpyruvate-dependent phosphotransferase system of Staphylococcus aureus. 1. Amino-acid sequence of the phosphocarrier protein HPr. Beyreuther K, et al. **Eur J Biochem** 75(1):275-86, 2 May 77

Parvalbumin from rabbit muscle. Isolation and primary structure. Capony JP, et al. **Eur J Biochem** 70(1):123-35, 1 Nov 76

Further studies on basic nucleoproteins from the cellular slime mold Dictyostelium discoideum. Charlesworth MC, et al. **Eur J Biochem** 75(1):241-50, 2 May 77

Subunit structure of the methionine-repressible aspartokinase II--homoserine dehydrogenase II from Escherichia coli K12. Dautry-Varsat A, et al. **Eur J Biochem** 76(1):1-6, 1 Jun 77

Studies of glutamate dehydrogenase. Methionine-169: the preferentially carboxymethylated residue. David M, et al. **Eur J Biochem** 74(2):379-85, 1 Apr 77

pK changes of ionizable reporter groups as an index of conformational changes in proteins. A study of fluorescein-labelled ribonuclease A. Garel JR. **Eur J Biochem** 70(1):179-89, 1 Nov 76

The primary structure of the parvalbumin II of pike (Esox lucius). Gerday C. **Eur J Biochem** 70(1):305-18, 1 Nov 76

Chorismate mutase/prephenate dehydratase from Escherichia coli K12. 2. Evidence for identical subunits catalysing the two activities. Gething MJ, et al. **Eur J Biochem** 71(2):327-36, 11 Dec 76

Structure and synthesis of a lipid-containing bacteriophage. Purification, chemical composition, and partial sequences of the structural proteins. Hinnen R, et al. **Eur J Biochem** 68(1):139-52, Sep 76

Determination of the complete amino-acid sequence of protein S6 from the wild-type and a mutant of Escherichia coli. Hitz H, et al. **Eur J Biochem** 75(2):497-512, 16 May 77

Limited proteolysis of elongation factor Tu from Escherichia coli, Multiple intermediates. Jacobson GR, et al. **Eur J Biochem** 77(2):409-17, 15 Jul 77

Snake venom toxins. The amino-acid sequences of three toxins (9B, 11 and 12A) from Hemachatus haemachatus (Ringhals) venom. Joubert FJ. **Eur J Biochem** 74(2):387-96, 1 Apr 77

Hemachatus haemachatus (Ringhals) venom. Purification, some properties and amino-acid sequence of phospholipase A (fraction DE-I). Joubert FJ. **Eur J Biochem** 52(3):539-44, 1 Apr 75

Affinity chromatography of acetylcholinesterase. The importance of hydrophobic interactions. Massoulié J, et al. **Eur J Biochem** 68(2):531-9, 15 Sep 76

Proteolysis of L-(+)-lactate cytochrome c oxidoreductase (cytochrome b2) extracted from Saccharomyces cerevisiae and Hansenula anomala yeasts. Prats M. **Eur J Biochem** 75(2):619-25, 16 May 77

Tryptic digestion of native small-intestinal sucrase - isomaltase complex: isolation of the sucrase subunit. Quaroni A, et al. **Eur J Biochem** 52(3):481-6, 1 Apr 75

The effect of cleaving the reactive-site peptide bond Lys-15--Ala-16 on the conformation of bovine trypsin-kallikrein inhibitor (K unitz) as revealed by solvent-perturbation spectra, circular dichroism and fluorescence. Quast U, et al. **Eur J Biochem** 52(3):511-4, 1 Apr 75

Kinetics of binding of bovine trypsin-killikrein inhibitor (K unitz) in which the reactive-site peptide bond

Lys-15--Ala-16 is cleaved, to alpha-chymotrypsin and beta-trypsin. Quast U, et al. **Eur J Biochem** 52(3):505-10, 1 Apr 75

The reactivity of one essential cysteine as a conformational probe in Escherichia coli tryptophanase. Application to the study of the structural influence of subunit interactions. Raibaud O, et al. **Eur J Biochem** 73(2):591-9, Mar 1 77

Studies of glutamate dehydrogenase. Analysis of quaternary structure and contact areas between the polypeptide chains. Rasched IR, et al. **Eur J Biochem** 74(2):365-77, 1 Apr 77

Sequence studies on D-serine dehydratase of Escherichia coli. Primary structure of the tryptic phosphopyridoxyl peptide and of the N-terminus. Schiltz E, et al. **Eur J Biochem** 71(1):109-16, Dec 76

Structural analyses of mutant and wild-type alcohol dehydrogenases from drosophila melanogaster. Schwartz MF, et al. **Eur J Biochem** 68(1):159-68, Sep 76

Studies on 3-deoxy-D-arabinoheptulosonate-7-phosphate synthetase(phe) from Escherichia coli K12. 1.Purification and subunit structure. Simpson RJ, et al. **Eur J Biochem** 70(2):493-500, 15 Nov 76

Repetitive sequences in protein A from Staphylococcus aureus. Arrangement of five regions within the protein, four being highly homologous and Fc-binding. Sjodahl J. **Eur J Biochem** 73(2):343-51, Mar 1 77

The amino-acid sequence of the dihydrofolate reductase of a trimethoprim-resistant strain of Escherichia coli. Stone D, et al. **Eur J Biochem** 72(3):613-24, Feb 77

The complete amino-acid sequence of histone H2B(1) from sperm of the sea urchin Parechinus angulosus. Strickland M, et al. **Eur J Biochem** 77(2):263-75, 15 Jul 77

Snake venom toxins. The amino-acid sequence of a short-neurotoxin homologue from Dendroaspis polylepis polylepis (black mamba) venom. Strydom DJ. **Eur J Biochem** 76(1):99-106, 1 Jun 77

The amino-acid sequence of the major parvalbumin from thornback-ray muscle. Thatcher DR, et al. **Eur J Biochem** 75(1):121-32, 2 May 77

Structural studies on the coat protein of alfalfa mosaic virus. The complete primary structure. van Beynum GM, et al. **Eur J Biochem** 72(1):63-78, 3 Jan 77

Guinea-pig pancreatic ribonucleases. Isolation, properties, primary structure and glycosidation. Van den Berg A, et al. **Eur J Biochem** 75(1):91-100, 2 May 77

Primary and tertiary structure of the principal human adenylate kinase. Von Zabern I, et al. **Eur J Biochem** 68(1):281-90, Sep 76

The keratin chains of avian scale tissue. Sequence heterogeneity and the number of scale keratin genes. Walker ID, et al. **Eur J Biochem** 67(1):283-93, 1 AUG 76

The subunits of rabbit-muscle phosphofructokinase. A search for sequence repetition. Walker ID, et al. **Eur J Biochem** 68(1):255-69, Sep 76

The primary structure of a non-histone chromosomal protein. Walker JM, et al. **Eur J Biochem** 76(2):461-8, 15 Jun 77

Amino-acid sequences of heme-linked, histidine-containing peptides of five peroxidases from horseradish and turnip. Welinder KG, et al. **Eur J Biochem** 73(2):353-8, Mar 1 77

Primary structure of the B-chain of human plasmin. Wiman B. **Eur J Biochem** 76(1):129-37, 1 Jun 77

Amino-acid sequence of a coelenterate toxin: toxin II from Anemonia sulcata. Wunderer G, et al. **Eur J Biochem** 68(1):193-8, Sep 76

Transformation of hamster embryo cells by 7-methyl benz(a)anthracene in vitro: tumorigenicity, chromosome pattern and spheroid formation. Levy S, et al. **Eur J Cancer** 12(11):871-6, Nov 76

Enzymatic modification of lymphocyte receptors for antigen. III. Resistance of receptors to trypsin at the peak of the immune response. Ashman RF. **Eur J Immunol** 5(6):421-5, Jun 76

Role of macrophages in the generation of T helper cells. IV. Nature of genetically related factor derived from macrophages incubated with soluble antigens. Erb P, et al. **Eur J Immunol** 6(5):365-72, May 76

Recruitment of effector lymphocytes by initiator lymphocytes: role of a trypsin-sensitive membrane component. Livnat S, et al. **Eur J Immunol** 5(5):357-60, May 75

Enzymatic removal of H-2 alloantigens from the surface of P815-(X2) mouse tumor cells. Thomas K, et al. **Eur J Immunol** 6(4):257-62, Apr 76

Isolation and biochemical properties of toxic tryptic peptides of ricinotoxin from Ricinus communis seeds. Lugnier AA, et al. **Eur J Toxicol Environ Hyg** 9(6):323-33, Nov-Dec 76

The stimulation of DNA synthesis and cell division in chondrocytes and 3T3 cells by a growth factor isolated from cartilage. Klagsburn M, et al. **Exp Cell Res** 105(1):99-108, 1 Mar 77

A new approach to preparation and purification of colostrokinin from bovine colostrum. Casellato MM, et al. **Experientia** 33(4):485-7, 15 Apr 77

A comparative study of the differentiation of dissociated nerve cells under different culture conditions. Maderspach K, et al. **Experientia** 33(3):358-60, 15 Mar 77

Modification of effects of biologically active peptides, caused by enzyme treatment, on the excitability of identifiable giant neurones of an African giant snail (Achatina fulica Férussac). Takeuchi H, et al. **Experientia** 33(2):249-51, 15 Feb 77

Induction of the bovine trypsinogen-trypsin transition by peptides sequentially similar to the N-terminus of trypsin. Bode W, et al. **FEBS Lett** 68(2):231-6, 1 Oct 76

The amino acid sequence of a dimeric myoglobin from the gastropod mollusc, Busycon canaliculatum L. Bonner AG, et al. **FEBS Lett** 73(2):201-3, 1 Feb 77

Complete amino acid sequence of bovine alphaS2-casein. Brignon G, et al. **FEBS Lett** 76(2):274-9, 15 Apr 77

Cleavage of differic bovine transferrin into two monoferric fragments. Brock JH, et al. **FEBS Lett** 69(1):63-6, 15 Oct 76

Non-compact conformation of ovine MSEL-neurophysin. Chauvet MT, et al. **FEBS Lett** 72(1):96-8, 15 Nov 76

Characterization of porcine MSEL-neurophysin. Chauvet MT, et al. **FEBS Lett** 71(2):291-3, 1 Dec 76

Studies of the binding sites of Escherichia coli ribosomal protein S7 with 16S RNA by ultraviolet irradiation. Ehresmann B, et al. **FEBS Lett** 67(3):316-9, 1 Sep 76

Characterization of the enzymatic tail protein of bacteriophage P22. Eriksson U, et al. **FEBS Lett** 72(1):15-8, 15 Dec 76

The conformation of influenza virus haemagglutinin. Flanagan MT, et al. **FEBS Lett** 80(1):57-60, 1 Aug 77

Occurrence of a serine residue in the penicillin-binding site of the exocellular DD-carboxy-peptidase-transpeptidase from Streptomyces R61. Frère JM, et al. **FEBS Lett** 70(1):257-60, Nov 76

Crystals of a large tryptic peptide (fragment A) of elongation factor EF-Tu from Escherichia coli. Gast WH, et al. **FEBS Lett** 74(1):88-90, 15 Feb 77

Digestion of tropomyosin with trypsin. Gorecka A, et al. **FEBS Lett** 75(1):145-8, 15 Mar 77

Structural data concerning the major rat brain myelin proteolipid P7 apoprotein. Jollés J, et al. **FEBS Lett** 74(2):190-4, 1 Mar 77

The amino acid sequence of cardiotoxin-analogue IV from the venom of Naja naja atra. Kaneda N, et al. **FEBS Lett** 70(1):217-22, Nov 76

Polymerization of a major surface-associated glycoprotein, fibronectin, in cultured fibroblasts. Keski-Oja J. **FEBS Lett** 71(2):325-9, 1 Dec 76

Investigation of sites phosphorylated in histone H5 by protein kinase from pig brain. Kurochkin SN, et al. **FEBS Lett** 76(1):112-4, 1 Apr 77

Amino acid sequence of elongation factor Tu. Characterization and alignment of the cyanogen bromide fragments and location of the cysteine residues. Laursen RA, et al. **FEBS Lett** 80(1):103-6, 1 Aug 77

Amino acid sequence determination of the blocked N-terminal tryptic peptide of Neurospora tyrosinase by mass spectrometry. Nau H, et al. **FEBS Lett** 79(1):203-6, 1 Jul 77

Conversion of particulate tyrosinase to soluble form and to desialylated tyrosinase in human malignant melanoma. Nishioka K. **FEBS Lett** 80(1):225-8, 1 Aug 77

Primary structure of alpha-subunit of DNA-dependent RNA polymerase from Escherichia coli. Ovchinnikov YA, et al. **FEBS Lett** 76(1):108-11, 1 Apr 77

The amino acid sequence of th eight-chain variable region of a rabbit antibody against the streptococcal group A variant polysaccharide (antibody K16-167). Riesen WF, et al. **FEBS Lett** 75(1):254-8, 15 Mar 77

Cross-linking of reversibly immobilized enzymes. Royer GP, et al. **FEBS Lett** 80(1):89-94, 1 Aug 77

Kinetic analysis of the reactivation of rabbit muscle aldolase after denaturation with guanidine-HCL. Rudolph R, et al. **FEBS Lett** 73(2):204-6, 1 Feb 77

Limited tryptic digestion of alpha-crystallin from calf eye lens: Possible correlation between in vivo and in vitro degradation. Siezen RJ, et al. **FEBS Lett** 80(1):75-80, 1 Aug 77

Sites of 'in vitro' enzymatic acetylation of histone H4. Thwaits BH, et al. **FEBS Lett** 71(2):197-200, 1 Dec 76

The primary structure of ribosomal protein S7 from Escherichia coli strains K and B. Sequence of the C-terminal region of S7K and S7B. Tritsch D, et al. **FEBS Lett** 77(1):89-93, 1 May 77

Covalent structure of the glycoprotein horseradish peroxidase (EC 1.11.1.7). Welinder KG. **FEBS Lett** 72(1):19-23, 15 Dec 76

Trypsin-susceptibility of UDP-glucuronyltransferase. Wilkinson J, et al. **FEBS Lett** 75(1):138–40, 15 Mar 77

Primary structure of protein L33 from the large subunit of the Escherichia coli ribosome. Wittmann-Liebold B, et al. **FEBS Lett** 68(1):115–8, 15 Sep 76

Primary structure of protein S20 from the small ribosomal subunit of Escherichia coli. Wittmann-Liebold B, et al. **FEBS Lett** 68(1):110–4, 15 Sep 76

Ultrastructural studies of experimental acute pancreatitis. Taura S, et al. **Gastroenterol Jpn** 11(1):12–22, 1976

Role of pancreatic proteases in the pathogenesis of ischemic enteropathy. Bounous G, et al. **Gastroenterology** 73(1):102–8, Jul 77

Bandign isolated metaphase chromosomes by a sequential flurescent G/Q technique. Kraja JB, et al. **Histochemistry** 51(2–3):103–11, 4 Mar 77

Primary structure of protein L10 from the large subunit of Escherichia coli ribosomes. Heiland I, et al. **Hoppe Seylers Z Physiol Chem** 357(12):1751–70, Dec 76

Glutamine synthetase from pig brain: binding of adenosine triphosphate. Jaenicke L, et al. **Hoppe Seylers Z Physiol Chem** 358(7):883–9, Jul 77

Snake venom toxins. The amino acid sequences of two toxins (CM-2a and CM-3) from Naja haje annulifera (Egyptian cobra) venom. Joubert FJ. **Hoppe Seylers Z Physiol Chem** 358(3):377–90, Mar 77

Primary structure of protein S13 from the small subunit of escherichia coli ribosomes. Lindemann H, et al. **Hoppe Seylers Z Physiol Chem** 358(7):843–63, Jul 77

Amino acid sequence of human fibrin. Preliminary note on an internal peptide obtained by cleaving the gamma-chain at the arginyl bonds and showing sequence homology with the C-terminus. Lottspeich F, et al. **Hoppe Seylers Z Physiol Chem** 358(6):703–7, Jun 77

Amino acid sequence of human fibrin. Preliminary note on the completion of the gamma-chain sequence. Lottspeich F, et al. **Hoppe Seylers Z Physiol Chem** 358(7):935–8, Jul 77

Carbohydrate linkage site in the beta-chain of human fibrin. Töpfer-Peterson E, et al. **Hoppe Seylers Z Physiol Chem** 357(11):1509–13, Nov 76

Banding and spiralization of human metaphase chromosomes. Goradia RY, et al. **Hum Genet** 36(2):155–60, 15 Apr 77

Anomalous cellular proliferation in vitro associated with Huntington's disease. Kirk D, et al. **Hum Genet** 36(2):143–54, 15 Apr 77

Studies of human IgD myeloma proteins. Proteolytic digestion patterns. Jefferis R, et al. **Immunochemistry** 14(3):171–8, Mar 77

The antigenicity of chondrocytes. Gertzbein SD, et al. **Immunology** 33(1):141–5, Jul 77

Assay of immune cytolysis of lymphocytes and tumour cells by automatic determination of cell volume distribution. Reif AE, et al. **Immunology** 33(1):69–80, Jul 77

Production of sheep erythrocyte rosette forming cells by lymphocytes cultured with leucocyte dialysates. pp. 205–12. Holzman RS, et al.
In: Ascher MS, et al., ed. Transfer factor: basic properties and clinical applications. New York, Academic Press, 1976. W3 IN9324N 1975t.

Transfer of delayed hypersensitivity to mice with human immune cell extracts. pp. 387–98. Petersen EA, et al.
In: Ascher MS, et al., ed. Transfer factor: basic properties and clinical applications. New York, Academic Press, 1976. W3 IN9324N 1975t.

Synthesis of the polymerase polypeptides of Semliki Forest virus. pp. 677–88. Kennedy SI, et al.
In: Baltimore D, et al., ed. Animal virology. New York, Academic Press, 1976. W3 I322 v.4 1976.

Limited proteolysis of the components of regulatory proteins system. pp. 395–404. Drabikowski W.
In: Carafoli E, et al., ed. Calcium transport in contraction and secretion. Amsterdam, North-Holland, 1975. QV 276 I61c 1975.

Amino acid sequence and calcium binding sites of bovine cardiac troponin-C. pp. 427–30. van Eerd JP, et al.
In: Carafoli E, et al., ed. Calcium transport in contraction and secretion. Amsterdam, North-Holland, 1975. QV 276 I61c 1975.

Kinetic approaches to embryonic cell adhesion. pp. 187–200. McClay DR.
In: Ebert JD, Marois M, ed. Tests of teratogenicity in vitro. Amsterdam, North-Holland Publ, 1976. QS 675 I593t 1975.

Role of reverse transcriptase in the life cycle of RNA tumor viruses. pp. 730–52. Verma IM, et al.
In: Goulian M, Hanawalt P, ed. DNA synthesis and its regulation. Menlo Park, Calif., Benjamin, 1975. W3 I322 v.3 1975.

Cell surface membrane interactions in reproductive physiology. pp. 25–45. Mehrishi JN.
In: Hemmings WA, ed. Maternofoetal transmission of immunoglobulins. London, Cambridge Univ Press, 1976. W3 C162G v.2 1974. (70 ref.)

Brain endorphins. pp. 35–40. Ross M, et al.
In: Kosterlitz HW, ed. Opiates and endogenous opioid peptides. Amsterdam, North-Holland, 1976. QV 90 I61o 1976.

An estimation of the distance from the active site to the calcium binding site in trypsin. p. 394. Darnall DW, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.

Charge relay of serine proteinases: NMR studies of free and inhibited forms of trypsin and chymotrypsin. p. 398. Ibañez IB, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.

Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123. Jurasek L, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)

Synthesis of 19 S thyroglobulin in Xenopus oocyte following injection of purified 33 S mRNA. pp. 192–4. Vassart G, et al.
In: Robbins J, et al., ed. Thyroid research. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.378 1975.

T lymphocyte receptors for cell surface antigens. pp. 93–100. Wekerle H, et al.
In: Seligmann M, et al., ed. Membrane receptors of lymphocytes. Amsterdam, North-Holland Publ, 1975. W3 I35 no.1 1975.

Comparison of skeletal muscle monolayer cultures initiated with cells dissociated by the vortex and trypsin methods. Bullaro JC, et al. **In Vitro** 12(8):564–70, Aug 76

Culture of rat retinal pigment epithelium. Edwards RB. **In Vitro** 13(5):301–4, May 77

Enzyme separation techniques for the study of growth of cells from layers of bovine dental pulp. Miller WA, et al. **In Vitro** 12(8):580–8, Aug 76

Pancreatic enzyme requirements for the dissociation of rat hearts for culture. Speicher DW, et al. **In Vitro** 10:30–41, Jul-Aug 74

Biochemical basis of thyroid stimulation in using thyroid cells in tissue cultures. pp. 1–23. Winand RJ, et al.
In: von zur Mühlen A, Schleusener H, ed. Biochemical basis of thyroid stimulation and thyroid hormone. Stuttgart, Thieme, 1976. WK 202 B615 1975.

Biosynthesis of beta-MSH and ACTH. pp. 609–15. Bradbury AF, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.

Conformation-directed proteolysis of Kunitz bovine trypsin inhibitor. pp. 915–20. Chauvet J, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p. (16 ref.)

Studies on the synthesis of ovine insulin. pp. 487–96. Hiskey RG, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.

Enzymes as reagents in peptide synthesis. pp. 325–31. Meyers C, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.

Reaginic antibody production to protein antigens of Escherichia coli and Pseudomonas aeruginosa by mice. Danneman PJ, et al. **Infect Immun** 14(3):694–702, Sep 76

Molecular forms of neurotoxins in proteolytic Clostridium botulinum type B cultures. Dasgupta BR, et al. **Infect Immun** 14(3):680–6, Sep 76

Uptake of diphtheria toxin and its fragment A moiety by mammalian cells in culture. Saelinger CB, et al. **Infect Immun** 14(3):742–51, Sep 76

Improved yields of cell-free varicella-zoster virus. Schmidt NJ, et al. **Infect Immun** 14(3):709–15, Sep 76

Depletion of IgG in rabbit sera by absorption with some group A streptococci. Christensen P, et al. **Int Arch Allergy Appl Immunol** 53(2):132–6, 1977

The allergenic structure of allergen M from cod. I. Tryptic

peptides of fragment TM 1. Elsayed S, et al. **Int Arch Allergy Appl Immunol** 52(1-4):59-63, 1976

The influence of esterification of carboxyl groups of ribonuclease-A on its structure and immunological activity. Acharya AS, et al. **Int J Pept Protein Res** 9(3):213-9, 1977

Preparation of carboxyl-terminal tryptic peptides from proteins by cleavage at arginine. Fong SL, et al. **Int J Pept Protein Res** 10(2):139-45, 1977

The primary structure of human urogastrone. Gregory H, et al. **Int J Pept Protein Res** 9(2):107-18, 1977

Primary structure of equine growth hormone. Zakin MM, et al. **Int J Pept Protein Res** 8(5):435-44, 1976

Effect of heat, amylase, and disulfide bond cleavage on the in vitro digestibility of soybean proteins. Boonvisut S, et al. **J Agric Food Chem** 24(6):1130-5, Nov-Dec 76

Enzymatic proteolysis of monellin. Absence of sweet peptides. Morris JA, et al. **J Agric Food Chem** 24(5):1075-7, Sep-Oct 76

Electronic effects in the interaction of para-substituted benzamidines with trypsin: the involvement of the pi-electronic density at the central atom of the substituent in binding. Mares-Guia M, et al. **J Am Chem Soc** 99(7):2331-6, 30 Mar 77

A crown ether NAD(P)H mimic. Complexation with cations and enhanced hydride donating ability toward sulfonium salts [letter]. van Bergen TJ, et al. **J Am Chem Soc** 99(11):3882-4, 25 May 77

Outer membrane proteins of Escherichia coli. V. Evidence that protein 1 and bacteriophage-directed protein 2 are different polypeptides. Diedrich DL, et al. **J Bacteriol** 131(2):598-607, Aug 77

Intrinsic activity of guanosine 3',5'-monophosphate-dependent protein kinase similar to adenosine 3',5'-monophosphate-dependent protein kinase. II. Phosphorylation of ribosomal proteins. Chihara-Nakashima M, et al. **J Biochem (Tokyo)** 81(6):1863-7, Jun 77

Amino acid sequence of a cyanogen bromide fragment containing the two tryptophanyl residues of lobster arginine kinase (Homarus vulgaris). Debuire B, et al. **J Biochem (Tokyo)** 81(3):611-9, Mar 77

Interaction of thiolsubtilisin with Streptomyces subtilisin inhibitor, SSI. Fujiwara K, et al. **J Biochem (Tokyo)** 82(1):125-30, Jul 77

Calf thymus histone H2A. Purification and tryptic peptides. Hayashi H, et al. **J Biochem (Tokyo)** 80(4):681-92, Oct 76

DNA-binding segments of four histone sequences identified in trypsin-treated H1-depleted chromatin. Kato Y, et al. **J Biochem (Tokyo)** 81(3):621-30, Mar 77

Amino acid sequence of the L-2 light chain of rabbit skeletal muscle myosin. Matsuda G, et al. **J Biochem (Tokyo)** 81(3):809-11, Mar 77

Effects of heating in dodecyl sulfate solution on the conformation and electrophoretic mobility of isolated major outer membrane proteins from Escherichia coli K-12. Nakamura K, et al. **J Biochem (Tokyo)** 80(6):1411-22, Dec 76

Structure and function of the two heads of the myosin molecule. III. Cooperativity of the two heads of the myosin molecule, shown by the effect of modification of head A with rho-chloromercuribenzoate on the interaction of head B with F-actin. Shibata-Sekiya K, et al. **J Biochem (Tokyo)** 80(6):1371-80, Dec 76

The structure and function of ribonuclease T1. XXII. Tryptic cleavages of the single lysyl and arginyl bonds in ribonuclease T1. Takahashi K, et al. **J Biochem (Tokyo)** 81(2):415-21, Feb 77

O-Acetylserine and O-acetylhomoserine sulfhydrylase of yeast. Further purification and characterization as a pyridoxal enzyme. Yamagata S, et al. **J Biochem (Tokyo)** 80(4):777-85, Oct 76

Intrinsic activity of guanosine 3',5'-monophosphate-dependent protein kinase similar to adenosine 3',5'-monophosphate-dependent protein kinase. I. Phosphorylation of histone fractions. Yamamoto M, et al. **J Biochem (Tokyo)** 81(6):1857-62, Jun 77

Enrichment of enzyme activity on deformylation of 1-NFK-lysozyme. Yamasaki N, et al. **J Biochem (Tokyo)** 80(2):409-12, Aug 76

Stabilization of human serum alkaline phosphatase to histidine-induced heat inactivation by tryptic digestion. Yamashita T, et al. **J Biochem (Tokyo)** 80(1):129-34, Jul 76

Effect of cobalt on the synthesis of liver microsomal cytochromes. Yasukochi Y, et al. **J Biochem (Tokyo)** 81(4):1005-9, Apr 77

Anhydrotrypsin: new features in ligand interactions revealed by affinity chromatography and thionine replacement. Yokosawa H, et al. **J Biochem (Tokyo)** 81(3):647-56, Mar 77

Anhydrotrypsin and trypsin: subtle difference in the active-site conformations detected by chemical modification and CD spectroscopy. Yokosawa H, et al. **J Biochem (Tokyo)** 81(3):657-63, Mar 77

The role of tryptophanyl residues in heavy meromyosin as studied by chemical modification with 2-hydroxy-5-nitrobenzyl bromide. Yoshino H. **J Biochem (Tokyo)** 80(5):1117-28, Nov 76

A study of renaturation of reduced hen egg white lysozyme. Enzymically active intermediates formed during oxidation of the reduced protein. Acharya AS, et al. **J Biol Chem** 251(22):6934-46, 25 Nov 76

Human erythrocyte phosphoribosylpyrophosphate synthetase. Subunit analysis and states of subunit association. Becker MA, et al. **J Biol Chem** 252(11):3911-8, 10 Jun 77

The covalent structure of cartilage collagen. Evidence for sequence heterogeneity of bovine alpha1(II) chains. Butler WT, et al. **J Biol Chem** 252(2):639-43, 25 Jan 77

Affinity labeling of human serum prealbumin with N-bromoacetyl-L-thyroxine. Cheng SY, et al. **J Biol Chem** 252(17):6076-81, 10 Sep 77

Protein asymmetry in chick synaptosomal plasma membrane. Chiu TC, et al. **J Biol Chem** 252(11):3862-9, 10 Jun 77

Determination of the amino acid sequence of troponon C from rabbit skeletal muscle. Collins JH, et al. **J Biol Chem** 252(18):6456-62, 25 Sep 77

Compartmentalization of adenosine 3':5'-monophosphate and adenosine 3':5'-monophosphate-dependent protein kinase in heart tissue. Corbin JD, et al. **J Biol Chem** 252(11):3854-61, 10 Jun 77

Nuclease B. A possible precursor of nuclease A, an extracellular nuclease of Staphylococcus aureus. Davis A, et al. **J Biol Chem** 252(18):6544-53, 25 Sep 77

Limited proteolysis of nitrate reductase purified from membranes of Escherichia coli. DeMoss JA. **J Biol Chem** 252(5):1696-701, 10 Mar 77

Amino acid sequence of Desulfovibrio vulgaris flavodoxin. Dubourdieu M, et al. **J Biol Chem** 252(4):1453-63, 25 Feb 77

Radioiodination of proteins in single polyacrylamide gel slices. Tryptic peptide analysis of all the major members of complex multicomponent systems using microgram quantities of total protein. Elder JH, et al. **J Biol Chem** 252(18):6510-5, 25 Sep 77

Formation of a biologically active, ordered complex from two overlapping fragments of cytochrome c. Hantgan RR, et al. **J Biol Chem** 252(4):1367-74, 25 Feb 77

Primary structure of human carbonic anhydrase C. Henderson LE, et al. **J Biol Chem** 251(18):5457-63, 25 Sep 76

Ovine submaxillary mucin. Primary structure and peptide substrates of UDP-N-acetylgalactosamine:mucin transferase. Hill HD Jr, et al. **J Biol Chem** 252(11):3799-804, 10 Jun 77

Tryptic cleavage of rat liver sulfite oxidase. Isolation and characterization of molybdenum and heme domains. Johnson JL, et al. **J Biol Chem** 252(6):2017-25, 25 Mar 77

Studies on structure of human erythrocyte phosphofructokinase. Karadsheh NS, et al. **J Biol Chem** 252(10):3515-24, 25 May 77

Purification of a glycoprotein from mouse ascites fluid by immunoaffinity chromatography which is related to the major glycoprotein of murine leukemia viruses. Immunologic and structural comparison with purified viral glycoproteins. Kennel SJ. **J Biol Chem** 251(20):6197-204, 25 Oct 76

Human chorionic gonadotropin. Amino acid sequence of the hormone-specific COOH-terminal region. Keutmann HT, et al. **J Biol Chem** 252(15):5393-7, 10 Aug 77

Increasing activity of enzymes on pathway of triacylglycerol synthesis during adipose conversion of 3T3 cells. Kuri-Harcuch W, et al. **J Biol Chem** 252(6):2158-60, 25 Mar 77

Purification and characterization of a lectin from Wistaria floribunda seeds. Kurokawa T, et al. **J Biol Chem** 251(18):5686-93, 25 Sep 76

Removal of 'tightly bound' nucleotides from phosphorylating submitochondrial particles. Leimgruber RM, et al. **J Biol Chem** 251(22):7110-3, 25 Nov 76

Removal of 'tightly bound' nucleotides from soluble mitochondrial adenosine triphosphatase (F1). Leimgruber RM, et al. **J Biol Chem** 251(22):7103-9, 25 Nov 76

Primary structure of the 'hinge' region of human IgG3. Probable quadruplication of a 15-amino acid residue basic unit. Michaelsen TE, et al. **J Biol Chem** 252(3):883-9, 10 Feb 77

Synthesis of ribosomal proteins L7L12 in relaxed and stringent strains of Escherichia coli. Morrissey JJ, et al. **J Biol Chem** 251(18):5516-21, 25 Sep 76

Dynein 2. A new adenosine triphosphatase from sea urchin

sperm flagella. Ogawa K, et al. **J Biol Chem** 251(18):5793–801, 25 Sep 76

Proteolytic cleavage of horse liver cytochrome b5. Primary structure of the heme-containing moiety. Ozols J, et al. **J Biol Chem** 251(21):6767–74, 10 Nov 76

Primary structure of rabbit skeletal muscle troponin-T. Sequence determination of four cyanogen bromide fragments, CB4, CB6, and CB7. Pearlstone JR, et al. **J Biol Chem** 252(3):978–82, 10 Feb 77

Complete covalent structure of statherin, a tyrosine-rich acidic peptide which inhibits calcium phosphate precipitation from human parotid saliva. Schlesinger DH, et al. **J Biol Chem** 252(5):1689–95, 10 Mar 77

Phosphorylation in membranes of intact human erythrocytes. Shapiro DL, et al. **J Biol Chem** 252(2):508–17, 25 Jan 77

Carbamylation of aspartate transaminase and the pK value of the active site lysyl residue. Slebe JC, et al. **J Biol Chem** 251(18):5663–9, 25 Sep 76

Effect of single and double peptide bond scission by trypsin on the structure and activity of staphylococcal enterotoxin C. Spero L, et al. **J Biol Chem** 251(18):5580–8, 25 Sep 76

Hemocyanin of the horseshoe crab, Limulus polyphemus. Structural differentiation of the isolated components. Sullivan B, et al. **J Biol Chem** 251(23):7644–8, 10 Dec 76

Amino acid sequence of Escherichia coli biotin carboxyl carrier protein (9100). Sutton MR, et al. **J Biol Chem** 252(11):3934–40, 10 Jun 77

Studies on Limulus amoebocyte lysate II. Purification of the coagulogen and the mechanism of clotting. Tai JY, et al. **J Biol Chem** 252(14):4773–6, 25 Jul 77

Removal of the projections from cytoplasmic microtubules in vitro by digestion with trypsin. Vallee RB, et al. **J Biol Chem** 252(1):377–82, 10 Jan 77

Binding of 25-hydroxycholecalciferol in tissues. Van Baelen H, et al. **J Biol Chem** 252(8):2515–8, 25 Apr 77

Localization of the sites along nucleosome DNA which interact with NH2-terminal histone regions. Whitlock JP Jr, et al. **J Biol Chem** 252(18):6516–20, 25 Sep 77

Light meromyosin paracrystal formation. Chowrashi PK, et al. **J Cell Biol** 74(1):136–52, Jul 77

'Central fold' or true junctional profile [letter]? Larsen WJ, et al. **J Cell Biol** 71(1):333–5, Oct 76

Cell cycle changes in transformed cells growing under serum-free conditions. Bush H, et al. **J Cell Physiol** 90(3):573–83, Mar 77

Surface exposure of glycosaminoglycans in resting, growing and virus transformed 3T3 cells. Vannucchi S, et al. **J Cell Physiol** 90(3):503–9, Mar 77

The activity of trypsin. Russo SF, et al. **J Chem Educ** 54(1):60–1, Jan 77

A subpopulation of normal human peripheral B lymphcytes that bind IgE. Gonzalez-Molina A, et al. **J Clin Invest** 59(4):616–24, Apr 77

Big and little forms of osteoclast activating factor. Mundy GR, et al. **J Clin Invest** 60(1):122–8, Jul 77

Platelet interaction with modified articular cartilage. Its possible relevance to joint repair. Zucker-Franklin D, et al. **J Clin Invest** 59(4):641–51, Apr 77

Fluoride activation of rat brain adenylate cyclase: the requirement for a protein co-factor. Bradham LS. **J Cyclic Nucleotide Res** 3(2):119–28, Apr 77

A simplified procedure for preparing myogenic cells for culture. Caplan AI. **J Embryol Exp Morphol** 36(1):175–81, Aug 76

Evidence for differences in erythrocyte surface receptors for the malarial parasites, Plasmodium falciparum and Plasmodium knowlesi. Miller LH, et al. **J Exp Med** 146(1):277–81, 1 Jul 77

Induction and properties of cytoplasmic factor(s) which enhance nuclear nonhistone protein phosphorylation in lymphocytes stimulated by anti-Ig. Nishizawa Y, et al. **J Exp Med** 146(3):653–64, 1 Sep 77

The chemotactic attraction of human fibroblasts to a lymphocyte-derived factor. Postlethwaite AE, et al. **J Exp Med** 144(5):1188–203, 2 Nov 76

Spontaneous redistribution of surface immunoglobulin in the motile B lymphocyte. Schreiner GF, et al. **J Exp Med** 144(6):1683–8, 1 Dec 76

Crypt cell isolation in the small intestine of the mouse. Kremski VC, et al. **J Histochem Cytochem** 25(7):554–9, Jul 77

The dissociation of transplantable tumors. Noel JS, et al. **J Histochem Cytochem** 25(7):544–53, Jul 77

Specific binding of T lymphocytes to macrophages. II. Role of macrophage-associated antigen. Ben-Sasson SZ, et al. **J Immunol** 119(4):1493–500, Oct 77

Selective proteolysis of the J chain component in human polymeric immunoglobulin. Koshland ME, et al. **J Immunol** 118(3):775–81, Mar 77

The amino acid sequence of a human immunoglobulin G3m(g) pFc' fragment. Michaelsen TE, et al. **J Immunol** 119(2):558–63, Aug 77

Spontaneous cell-mediated cytotoxicity by human peripheral blood lymphocytes in vitro. Nelson DL, et al. **J Immunol** 119(4):1401–5, Oct 77

Guinea pig lymphocyte-derived macrophage aggregation factor: its separation from macrophage migration inhibitory factor. Postlethwaite AE, et al. **J Immunol** 117(5 Pt 1):1651–5, Nov 76

A comparative study of procedures for sheep erythrocyte-human-T-lymphocyte rosette formation. Mahowald ML, et al. **J Immunol Methods** 15(3):239–45, 1977

Confirmation of trisomy 22 by trypsin-giemsa staining. Begleiter ML, et al. **J Med Genet** 13(6):517–20, Dec 76

Mutational amino acid replacements in Neurospora crassa NADP-specific glutamate dehydrogenase. Brett M, et al. **J Mol Biol** 106(1):1–22, 5 Sep 76

The function of the N-terminal region of ribosomal protein S4. Changchien LM, et al. **J Mol Biol** 108(2):381–401, Dec 76

The evolutionary origin of proinsulin. Amino acid sequence homology with the trypsin-related serine proteases detected and evaluated by new statistical methods. de Haën C, et al. **J Mol Biol** 106(3):639–61, 25 Sep 76

Crystal structure of bovine trypsinogen at 1-8 A resolution. II. Crystallographic refinement, refined crystal structure and comparison with bovine trypsin. Fehlhammer H, et al. **J Mol Biol** 111(4):415–38, 25 Apr 77

Crystals of partially trypsin-digested elongation factor Tu. Gast WH, et al. **J Mol Biol** 106(4):943–50, 5 Oct 76

Role of serine 195 in the stabilization of beta-trypsin and beta-trypsin-ligand complexes. Levilliers N, et al. **J Mol Biol** 111(3):279–303, 15 Apr 77

Sequence homology between the structural polypeptides of minute virus of mice. Tattersall P, et al. **J Mol Biol** 111(4):375–94, 25 Apr 77

Dynamic solvent accessibility in the soybean trypsin inhibitor--trypsin complex. Woodward CK. **J Mol Biol** 111(4):509–15, 25 Apr 77

On the tryptic peptides from hemoglobin chains of six carnivores. Brimhall B, et al. **J Mol Evol** 9(3):237–60, 13 May 77

The amino acid sequence of dog (Canis familiaris) hemoglobin. Brimhall B, et al. **J Mol Evol** 9(3):231–5, 13 May 77

Human skeletal muscle proteins. The primary structure of troponin C. Romero-Herrera AE, et al. **J Mol Evol** 8(3):251–70, 27 Oct 76

Preliminary survey of carnivore hemoglobin compositions. Conclusions. Stenzel P, et al. **J Mol Evol** 9(3):273–8, 13 May 77

The tryptic peptide composition of the beta chains of hemoglobins A and B of the Domestic cat (Felis catus) Taketa F, et al. **J Mol Evol** 9(3):261–71, 13 May 77

Fetal rat keratinizing epidermal cells in culture: effects of long-term treatment by benzo[a]pyrene on their growth characteristics. Indo K, et al. **J Natl Cancer Inst** 59(3):867–80, Sep 77

The major site of guinea-pig myelin basic protein encephalitogenic in Lewis rats. Chou CH, et al. **J Neurochem** 28(1):115–9, Jan 77

Modifications of myelin basic protein which occur during its isolation. Chou FC, et al. **J Neurochem** 28(5):1051–9, May 77

Production of the fourth component of guinea pig complement (C4) by peritoneal macrophages: immunolabeling and ultrastructure. Barber TA, et al. **J Reticuloendothel Soc** 20(4):267–81, Oct 76

Microsomal 17beta-hydroxysteroid dehydrogenase of guinea pig liver: detergent solubilization and a comparison of kinetic and stability properties of bound and solubilized forms. Blomquist CH, et al. **J Steroid Biochem** 8(3):193–8, Mar 77

Cytotoxic activity of purified guinea pig lymphotoxin against various cell lines. Sawada J, et al. **Jpn J Exp Med** 46(4):263–7, Aug 76

Application of immunofluorescent staining on paraffin sections improved by trypsin digestion. Huang SN, et al. **Lab Invest** 35(4):383–90, Oct 76

Cytogenetic studies in acute lymphocytic leukemia: special emphasis in long-term survival. Whang-Peng J, et al. **Med Pediatr Oncol** 2(3):333–51, 1976

Chemically aggregated enzymes. Broun GB. **Methods Enzymol** 44:263–80, 1976

Pig pancreatic kallikreins A and B. Fiedler F. **Methods Enzymol** 45:289–303, 1976

Conformational transitions in immobilized proteases. Gabel D, et al. **Methods Enzymol** 44:526–38, 1976

Human alpha2-macroglobulin. Harpel PC.

Methods Enzymol 45:639–52, 1976

Techniques of enzyme entrapment in gels. O'Driscoll KF. **Methods Enzymol** 44:169–83, 1976

Labilization of the phosphoester linkage in enzyme–inhibitor complexes of aspartate aminotransferase. Khurs EN, et al. **Mol Biol (Mosk)** 10(4):740–7, Jul–Aug 76

Three-chain merokeratin from wool may be a fragment of the microfibril component macromolecule. Lotay SS, et al. **Nature** 265(5591):274–6, 20 Jan 77

Ia antigen expression on human epidermal Langerhans cells. Rowden G, et al. **Nature** 268(5617):247–8, 21 Jul 77

Epidermal Langerhans cells bear Fc and C3 receptors. Stingl G, et al. **Nature** 268(5617):245–6, 21 Jul 77

Binding of botulinum neurotoxin to the synaptosome fraction of rat brain. Kitamura M. **Naunyn Schmiedebergs Arch Pharmacol** 295(2):171–5, Nov 76

Features of the structure of replicating and non-replicating chromatin in chicken erythroblasts. Hewish D. **Nucleic Acids Res** 4(6):1881–90, Jun 77

Isolation and identification of two learning-induced brain peptides. Tate DF, et al. **Pharmacol Biochem Behav** 5(4):441–8, Oct 76

The organization and function of water in protein crystals. Finney JL. **Philos Trans R Soc Lond [Biol]** 278(959):3–32, 29 Mar 77 (87 ref.)

Embryonic chicken brain and mouse neuroblastoma cells N1E–115 and N–18 contain an inhibitor of acid deoxyribonuclease. Bhattacharya P, et al. **Proc Natl Acad Sci USA** 74(3):842–5, Mar 77

Relationship of gangliosides to the structure and function of thyrotropin receptors: their absence on plasma membranes of a thyroid tumor defective in thyrotropin receptor activity. Fishman PH, et al. **Proc Natl Acad Sci USA** 73(11):4060–4, Nov 76

The amino acid sequence of beta-galactosidase of Escherichia coli. Fowler AV, et al. **Proc Natl Acad Sci USA** 74(4):1507–10, Apr 77

Isolation of a set of hybrid lac repressors made in vitro between normal lac repressor and its homogeneous tryptic core. Geisler N, et al. **Proc Natl Acad Sci USA** 73(9):3103–6, Sep 76

Isolation of the penicillin-binding peptide from D-alanine carboxypeptidase of Bacillus subtilis. Georgopapadakou N, et al. **Proc Natl Acad Sci USA** 74(3):1009–12, Mar 77

Isopeptide linkage between nonhistone and histone 2A polypeptides of chromosomal conjugate-protein A24. Goldknopf IL, et al. **Proc Natl Acad Sci USA** 74(3):864–8, Mar 77

Thymosin alpha1: isolation and sequence analysis of an immunologically active thymic polypeptide. Goldstein AL, et al. **Proc Natl Acad Sci USA** 74(2):725–9, Feb 77

Preparation and characterization of a modified form of beta2 subunit of Escherichia coli tryptophan synthetase suitable for investigating protein folding. Högberg-Raibaud A, et al. **Proc Natl Acad Sci USA** 74(2):442–6, Feb 77

The functional repressor parts of a tetrameric lac repressor-beta-galactosidase chimaera are organized as dimers. Kania J, et al. **Proc Natl Acad Sci USA** 73(10):3529–33, Oct 76

Anionic glycopeptides and glycosaminoglycans synthesized by embryonic neural tube and neural crest. Manasek FJ, et al. **Proc Natl Acad Sci USA** 74(3):1057–61, Mar 77

Tryptic peptide analysis of normal and mutant forms of hypoxanthine phosphoribosyltransferase from HeLa cells. Milman G, et al. **Proc Natl Acad Sci USA** 74(3):926–30, Mar 77

Isolation of bindin: the protein responsible for adhesion of sperm to sea urchin eggs. Vacquier VD, et al. **Proc Natl Acad Sci USA** 74(6):2456–60, Jun 77

Binding and internalization of thrombin by normal and transformed chick cells. Zetter BR, et al. **Proc Natl Acad Sci USA** 74(2):596–600, Feb 77

A new method for the establishment of diploid fibroblast cell cultures from human foreskins. Howard BV, et al. **Proc Soc Exp Biol Med** 153(2):280–3, Nov 76

Biochemical applications of relaxation kinetics. Malcolm AD. **Prog Biophys Mol Biol** 30(2–3):205–25, 1975 (114 ref.)

Biochemical analysis of cell adhesion to a substratum and its possible relevance to cell metastasis. Grinnell F. **Prog Clin Biol Res** 9:227–36, 1976

The role of drug delivery systems in cancer chemotherapy. Juliano RL. **Prog Clin Biol Res** 9:21–32, 1976

Accelerated assay, preservation and purification (concanavalin A) of plasma kininogen. Freedman HJ, et al **Res Commun Chem Pathol Pharmacol** 15(3):581–99, Nov 76

The sub-cellular localization of stereo-specific opiate binding in mouse brain. Smith AP, et al. **Res Commun Chem Pathol Pharmacol** 15(2):205–19, Oct 76

Adaptation of cells derived from human malignant tumours to growth in vitro. Alexander J, et al. **S Afr J Med Sci** 41(2):89–98, 1976

Effect of thrombin on phosphorylation of platelet membrane proteins. Steiner M. **Thromb Haemostas** 35(3):635–42, 30 Jun 76

Radiolabel incorporation associated with tissue factor production in cultured human fibroblasts and smooth muscle cells. Pitlick FA, et al. **Thromb Res** 10(4):557–66, Apr 77

Tissue-cultured head and neck tumors: their use in in vitro assays of immune response. Aust JC, et al. **Trans Am Acad Ophthalmol Otolaryngol** 84(3 Pt. 2):ORL602–8, May–Jun 77

A novel approach to the determination of soya protein in meat products using peptide analysis. Bailey FJ. **Ugeskr Laeger** 138(38):827–30, 13 Sep 76

Immunological and physicochemical studies of influenza matrix (M) polypeptides. Oxford JS, et al. **Virology** 74(2):394–402, 15 Oct 76

Characterization of coronavirus II. Glycoproteins of the viral envelope: tryptic peptide analysis. Sturman LS, et al. **Virology** 77(2):650–60, Apr 77

Comparison of low-molecular-weight products following reaction of C3–C3b with C3b inactivator and with trypsin. Freedman J, et al. **Vox Sang** 33(4):212–20, Oct 77

On the role of the cell coat glycoproteins in the permeability of the cell. Anghileri LJ, et al. **Z Naturforsch [C]** 31(11–12):700–2, Nov–Dec 76

Physical properties and the fine structure of proteocines. al-Jumaili IJ. **Zentralbl Bakteriol [Orig A]** 235(4):421–32, Aug 76

[Susceptibility of milk proteins to proteolysis (author's transl)] Helešicová H, et al. **Cesk Gastroenterol Vyz** 30(8):471–6, Dec 76 (Eng. Abstr.) **(Cze)**

[Isolation of trypsic and chymotrypsic peptides from fragment B of diphtheria toxin (proceedings)] Monier C, et al. **Arch Int Physiol Biochim** 84(5):1098–9, Dec 76 **(Fre)**

[Primary structure of bovine erythrocyte carbonic anhydrase CI. I. Tryptic peptides] Filippi-Foveau D, et al. **Biochimie** 58(9):1057–70, 13 Nov 76 (Eng. Abstr.) **(Fre)**

[Anomalous behavior of various proteolytic enzymes in acrylamide agarose gel filtration] Peaucellier G. **Biochimie** 58(10):1273–6, 1976 **(Fre)**

[Primary structure of bovine erythrocyte carbonic carbonic anhydrase CI. II. Complete sequence. Sciaky M, et al. **Biochimie** 58(9):1071–82, 13 Nov 76 (Eng. Abstr.) **(Fre)**

[Value of phase contrast in the study of flat retinas] Dhermy P, et al. **Bull Soc Ophtalmol Fr** 75(12):1103–5, Dec 75 **(Fre)**

[Simultaneous isolation of rabbit glomerular and tubular basement membrane] Rakotoarivony J, et al. **C R Acad Sci [D] (Paris)** 284(7):565–8, 14 Feb 77 (Eng. Abstr.) **(Fre)**

[Characterization of the '4 S-trypsin' form of the cytosoluble estradiol receptor of calf uterus in a nondenaturing system] Secco-Millet C, et al. **C R Acad Sci [D] (Paris)** 284(2):137–40, 10 Jan 77 (Eng. Abstr.) **(Fre)**

[The primary structure of bovine alpha s2 caseins] Brignon G, et al. **FEBS Lett** 72(1):111–6, 15 Nov 76 (Eng. Abstr.) **(Fre)**

[Coupling of enzymes to modified styrene-maleic anhydride copolymers] Berger R, et al. **Acta Biol Med Ger** 35(10):1259–65, 1976 (Eng. Abstr.) **(Ger)**

[Protein hydrolysis by immobilized enzymes] Lasch J, et al. **Acta Biol Med Ger** 35(6):735–43, 1976 (Eng. Abstr.) **(Ger)**

[Tryptic pancreatitis in small-cell bronchial carcinoma (author's transl)] Reinhard H, et al. **Dtsch Med Wochenschr** 102(21):797–9, 27 May 77 (Eng. Abstr.) **(Ger)**

[Hemagglutination with Gal-N-Ac receptors in the hepatocyte membrane] Halbhuber KJ, et al. **Folia Haematol (Leipz)** 104(2):265–70, 1977 (Eng. Abstr.) **(Ger)**

[Preparation and some properties of immobilized trypsin from the crayfish Cambarus affinis Say (author's transl)] Kleine R, et al. **Hoppe Seylers Z Physiol Chem** 357(5):629–39, May 76 (Eng. Abstr.) **(Ger)**

[Rule of antibody structure. The primary structure of a monoclonal IgG1 immunoglobulin (myeloma protein Nie), II: isolation and amino acid sequence of the tyrptic peptides from the H-chain (author's transl)] Ponstingl H, et al. **Hoppe Seylers Z Physiol Chem** 357(11):1541–70, Nov 76 (Eng. Abstr.) **(Ger)**

[In vivo resorption of trypsin- and thermitase-cleaved casein and analogous amino acid mixtures] Friedrich M, et al. **Nahrung** 21(1):K1–4, 1977 **(Ger)**

[Chemistry of growth hormone] Yanaihara N. **Clin Endocrinol (Tokyo)** 25(2):123–30, Feb 77 (24 ref.) **(Jpn)**

[Structure and function of tropomyosin (author's transl)] Ueno H. **Protein Nucleic Acid Enzyme (Tokyo)** 22(4):260–7, 1 Apr 77 (60 ref.) **(Jpn)**

[Formalin-induced chemiluminescence in model protein-lipid systems] Levina NV, et al. **Biofizika** 21(3):420–3, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Physical state of crystalline proteins. IV. Melting of trypsin and pepsin crystals] Makarov AA, et al. **Biofizika** 21(4):750–2, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Primary structure of cyanogen bromide fragments of sei whale (Balaenoptera borealis) pituitary somatotropin] Pankov IuA, et al. **Biokhimiia** 41(11):2047–55, Nov 76 (Eng. Abstr.) **(Rus)**

[Fractionation and amino-acid composition of acid-soluble trypsin of inclusion bodies protein of nuclear polyhedrosis virus of moth, Galleria mellonella] Sidorova NM, et al. **Biokhimiia** 41(5):781–6, May 76 (Eng. Abstr.) **(Rus)**

[Prothrombin activation by immobilized thrombin] Strukova SM. **Biokhimiia** 41(4):643–9, Apr 76 (Eng. Abstr.) **(Rus)**

[Structural studies on D-glyceraldehyde-3-phosphate dehydrogenase from rat skeletal muscle] Vospel'nikova ND, et al. **Biokhimiia** 42(4):677–86, Apr 77 (Eng. Abstr.) **(Rus)**

[Cell cultures obtained using collalytin from the pancreases of cattle fetuses] Babikova RA, et al. **Biull Eksp Biol Med** 83(3):350–3, Mar 77 (Eng. Abstr.) **(Rus)**

[Effect of phospholipase A on erythrocyte and thrombocyte aggregation] Levin GIa, et al. **Biull Eksp Biol Med** 82(12):1411–3, Dec 76 (Eng. Abstr.) **(Rus)**

[Trypsin interaction with glutaraldehyde in solution] Bogacheva TI, et al. **Prikl Biokhim Mikrobiol** 12(3):428–31, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Enzyme immobilization on hydrated oxides of transition metals and aluminum] Laurinavichius VA, et al. **Prikl Biokhim Mikrobiol** 13(3):443–8, May–Jun 77 (Eng. Abstr.) **(Rus)**

[Contribution of sorption of the protector on the active site on enzyme protection from gamma-radiation] Kravetskaia TP, et al. **Radiobiologiia** 16(2):200–4, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Morphologic changes in the cells of sarcoma 45 and the capsule surrounding the tumor in rats under the influence of thrombolytin in a complex with aminazine] Kolomina SM, et al. **Tsitologiia** 19(5):501–7, May 77 (Eng. Abstr.) **(Rus)**

[Thomsen antigen--a new receptor arising in cells under the influence of myxoviruses and several bacteria] Berdinskikh MS, et al. **Usp Sovrem Biol** 82(4):132–42, Jul–Aug 76 (141 ref.) **(Rus)**

[Digestion of raw and culinarily treated meat from cattle of Ural breeds] Volkov MS, et al. **Vopr Pitan** (2):67–70, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Comparative study of the myoglobin of the reindeer Rangifer tarandus, the elk Alces alces and the deer Cervus elaphus xanthopygus] Sukhomlinov BF, et al. **Zh Evol Biokhim Fiziol** 13(2):157–61, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Subclasses of immunoglobulin G. I. Determination of subclasses of G-paraproteins by the method of tryptic splitting] German GP, et al. **Zh Mikrobiol Epidemiol Immunobiol** (1):61–6, 1977 (Eng. Abstr.) **(Rus)**

[Electrophoretic fractions and NH2-terminal amino acids of high-molecular tryptic fragments of fibrinogen and fibrin] Lugovskoĭ EV, et al. **Ukr Biokhim Zh** 48(6):743–9, 1976 (Eng. Abstr.) **(Ukr)**

[Biologically active low-molecular fragments of fibrinogen molecule] Musialkivs'ka AO, et al. **Ukr Biokhim Zh** 49(3):89–93, May–Jun 77 (Eng. Abstr.) **(Ukr)**

[Quantitative determination of protector activity of fibrinogen tryptic hydrolysates] Musialkivs'ka AO, et al. **Ukr Biokhim Zh** 49(4):118–23, Jul–Aug 77 (Eng. Abstr.) **(Ukr)**

ADMINISTRATION & DOSAGE

Epidermal adenylate cyclase systems: the retention of hormone responsiveness after enzymatic separation of pure epidermis. Uzuka M, et al. **J Invest Dermatol** 69(2):194–7, Aug 77

Comparison of retention of activity of soluble and insolubilized forms of trypsin in a simulated gastric medium. Gonda I. **J Pharm Pharmacol** 29(4):250–2, Apr 77

[Effect of proteolytic enzymes on the antitrypsin activity of blood serum in the postoperative period] Geĭtman IIa, et al. **Vopr Med Khim** 22(6):791–5, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

[Drug-induced lung diseases] Medici TC, et al. **Schweiz Med Wochenschr** 107(6):162–71, 12 Feb 77 (69 ref.) (Eng. Abstr.) **(Ger)**

[Myasthenia gravis probably caused by benzidamine hydrochloride, bromelains and trypsin] Kobashi H, et al. **Jpn J Clin Med** 35(2):412–4, 10 Feb 77 **(Jpn)**

ANALYSIS

Digestive enzymes of three teleost fishes. Agrawal VP, et al. **Acta Physiol Acad Sci Hung** 46(2):93–8, 1975

Radial diffusion as a sensitive method for screening endopeptidase activity in plant extracts. Santarius K, et al. **Anal Biochem** 77(1):1–9, Jan 77

A new water-soluble substrate for the determination of trypsin activity. Zassenhaus PH, et al. **Anal Biochem** 76(1):321–9, Nov 76

Sensitive assays for trypsin, elastase, and chymotrypsin using new fluorogenic substrates. Zimmerman M, et al. **Anal Biochem** 78(1):47–51, Mar 77

Tests of exocrine pancreatic function. Gowenlock AH. **Ann Clin Biochem** 14(2):61–89, Mar 77 (208 ref.)

Genetic study of pancreatic proteinase in mice (Mus musculus): genetic variants of trypsin and chymotrypsin. Watanabe T, et al. **Biochem Genet** 14(9–10):697–707, Oct 76

The activity of trypsin. Russo SF, et al. **J Chem Educ** 54(1):60–1, Jan 77

A continuous-flow enzyme detector for liquid chromatography. Schlabach TD, et al. **J Chromatogr** 134(1):91–106, 1 Apr 77

Proteolytic enzyme activity in the granulation tissue of the human burn wound. Nathan P, et al. **J Trauma** 16(11):912–8, Nov 76

Aging and the interstitial content of loose connective tissue. A brief note. Meyer FA, et al. **Mech Ageing Dev** 5(6):437–42, 1976

The influence of smoking on pancreatic function in man. Brown P. **Med J Aust** 2(8):290–3, 21 Aug 76

Some sensitive methods for the assay of trypsinlike enzymes. Coleman PL, et al. **Methods Enzymol** 45:12–26, 1976

Vascular permeability induced by pancreatic exudate formed during acute pancreatitis in dogs. Takada Y, et al. **Surg Gynecol Obstet** 143(5):779–83, Nov 76

Laboratory diagnosis of gastrointestinal disease and pancreatic insufficiency. Lorenz MD. **Vet Clin North Am** 6(4):663–70, Nov 76

[Chronic pancreatitis: laboratory tests] Arisi Petrini C, et al. **Minerva Gastroenterol** 22(1):78–82, Jan–Mar 76 **(Ita)**

[Purification and properties of high-molecular-weight rabbit kininogen] Egorova TP, et al. **Biokhimiia** 41(6):1052–60, Jul 76 (Eng. Abstr.) **(Rus)**

[Unified clinical laboratory methods of examination] **Lab Delo** (12):748–51, 1976 **(Rus)**

[Purification of pancreatic kallikrein by the method of affinity chromatography] Mosolov VV, et al. **Prikl Biokhim Mikrobiol** 12(4):572–7, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Reaction of n-benzoquinone with aminoderivatives and its use in biochemistry] Khramov VA, et al. **Vopr Med Khim** (1):110–4, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

[The Lundh test in our surroundings] Garcia Puges AM, et al. **Rev Esp Enferm Apar Dig** 48(2):199–214, Aug 76 **(Spa)**

BIOSYNTHESIS

The effect of fasting on the in vitro synthesis of amylase in rat exocrine pancreas. Vieira-Matos AN, et al. **Can J Physiol Pharmacol** 55(1):90–7, Feb 77

Human enterokinase. Rutgeerts L, et al. **Tijdschr Gastroenterol** 19(4):231–46, 1976

[Influence of various forms of vagotomy on the exocrine function of the pancres] Helwing E. **Fortschr Med** 94(33):1953–6, 18 Nov 76 (Eng. Abstr.) **(Ger)**

BLOOD

Effects of incorporated trypsin on anion exchange and membrane proteins in human red blood cell ghosts. Lepke S, et al. **Biochim Biophys Acta** 455(2):353–70, 2 Dec 76

Radioimmunoassay of human plasma trypsin. Temler RS, et al. **Biochim Biophys Acta** 445(3):720–8, 11 Oct 76

The effect of cortisol on ' alpha1-macro-globulin and alpha2-acute phase globulin in the arthritic rat [proceedings]. Lewis DA, et al. **Br J Pharmacol** 58(3):441P–442P, Nov 76

Trypsin-induced activation of renin precursor in plasma of normal and anephric man. Cooper RM, et al. **Circ Res** 40(5 Suppl 1):I171-9, May 77

Purification of platelet proteases: activation of proelastase by a trypsin-like enzyme. Legrand Y, et al. **FEBS Lett** 76(2):294-8, 15 Apr 77

Human blood platelet elastase and proelastase. Activation of proelastase and release of elastase after ahesion of platelets to collagen. Legrand Y, et al. **Haemostasis** 6(3):180-9, 1977

Diagnostic importance of changes in circulating concentrations of immunoreactive trypsin. Elias E, et al. **Lancet** 2(8028):66-8, 9 Jul 77

Isoamylases in pancreatic carcinoma and chronic relapsing pancreatitis. Skude G, et al. **Scand J Gastroenterol** 12(1):53-7, 77

[Inhibitory capacity of serum as regards trypsin. Variations in decrease during catheterization by biliary and/or pancreatic route (letter)] Leger L, et al. **Nouv Presse Med** 6(27):2436, 2-9 Jul 77 **(Fre)**

[Pancreas diagnosis in pediatrics] Simon KH. **Med Monatsschr** 30(12):568-70, Dec 76 **(Ger)**

[Determination of serum trypsin and its inhibitors] Takeda H, et al. **Jpn J Clin Med** 34 suppl:2488-94, 1976 **(Jpn)**

[Effect of toxic substances on the pancreatic enzyme activity in a hygiene experiment] Strusevich EA, et al. **Gig Sanit** (7):102-4, Jul 76 **(Rus)**

[State of the exocrine apparatus of the pancreas in patients with insulinomas] Manusharova RA, et al. **Khirurgiia (Mosk)** (9):87-90, Sep 76 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of diagnostic tests in pancreatic necrosis] Vladimirov VG, et al. **Klin Med (Mosk)** 54(10):85-90, Oct 76 (Eng. Abstr.) **(Rus)**

[Functional state of the hepato-pancreatic system during exposure to transverse acceleration of low magnitude] Smirnov KV, et al. **Kosm Biol Aviakosm Med** 10(3):86-8, May-Jun 76 **(Rus)**

[Serum trypsin inhibitors and autoantibody titre in hypertrypsinemia] Protsenko VA, et al. **Patol Fiziol Eksp Ter** (2):77-8, Mar-Apr 76 (Eng. Abstr.) **(Rus)**

[Clinical perspectives in studies of trypsin-trypsin inhibitor system, plasma kinins and fibrinogen degradation products in peptic ulcer] Makarevich IaA, et al. **Ter Arkh** 49(5):89-92, 1977 (Eng. Abstr.) **(Rus)**

[Functional state of the pancreas in patients with eczema] Burykina GN, et al. **Vestn Dermatol Venerol** (6):19-22, Jun 77 (Eng. Abstr.) **(Rus)**

[Disorders of blood circulation in acute pancreatitis] Ognev IuV, et al. **Vestn Khir** 117(11):124-9, Nov 76 **(Rus)**

[Clinico-enzymatic relationship in abstinence and alcoholic delirium] Danilenko AM. **Vrach Delo** (5):114-8, May 77 **(Rus)**

[Functional state of the pancreas in patients with ulcer disease] Valensa AO. **Vrach Delo** (6):89-91, Jun 77 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

Intercellular junctions of oral epithelium. II. Ultrastructural changes in rat buccal epithelium induced by trypsin digestion. Shimono M, et al. **J Ultrastruct Res** 59(1):101-12, Apr 77

Potassium permanganate reaction in amyloidosis. A histologic method to assist in differentiating forms of this disease. Wright JR, et al. **Lab Invest** 36(3):274-81, Mar 77

Current status of pancreatic function tests. Lundh G. **Surg Annu** 9:133-45, 1977

[Purification of hirudin by the method of isoelectric focusing] Baskova IP, et al. **Biokhimiia** 41(5):939-41, May 76 (Eng. Abstr.) **(Rus)**

[Comparative study of antigenic structure of human skin and its fractions separated by enzymatic method] Grigor'eva MA. **Vestn Dermatol Venerol** (9):24-8, Sep 76 (Eng. Abstr.) **(Rus)**

[Hydrophobic nucleus in the primary structure of bovine prolactin] Pankov IuA, et al. **Vopr Med Khim** 22(3):360-3, May-Jun 76 (Eng. Abstr.) **(Rus)**

[Densitometry in the diagnosis of chromosome abnormalities (author's transl)] Prieto F, et al. **Sangre (Barc)** 21(3):499-504, 1976 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Migration inhibition factor-like activity in inflammatory synovial fluids might be due to proteases. Geiger C, et al. **Clin Exp Immunol** 26(1):176-80, Oct 76

Evidence for the dissimilarity of acrosin and pancreatic trypsin as revealed by a sensitive immunoassay. Allen GJ. **J Exp Zool** 200(1):185-90, Apr 77

On the agglutinogens of red cells developed with proteolytic enzymes and neuraminidase. Sagisaka K, et al. **Tohoku J Exp Med** 120(2):169-75, Oct 76

[Antigenic properties of the proteolytic enzymes of the gastrointestinal tract] Berkos OV. **Fiziol Zh SSSR** 62(11):1661-6, Nov 76 (Eng. Abstr.) **(Rus)**

[Utilization of antibodies to trypsin and kallikrein as narrowly directed inhibitors of their kininogenase action] Protsenko VA, et al. **Patol Fiziol Eksp Ter** (4):76-8, Jul-Aug 76 (Eng. Abstr.) **(Rus)**

[Serum trypsin inhibitors and autoantibody titre in hypertrypsinemia] Protsenko VA, et al. **Patol Fiziol Eksp Ter** (2):77-8, Mar-Apr 76 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Preparation of a highly purified bovine trypsin for use in protein sequence analysis. Jany KD, et al. **Biochim Biophys Acta** 453(1):62-6, 26 Nov 76

Purification and properties of rabbit trypsin. Johnson DA. **Biochim Biophys Acta** 452(2):482-7, 8 Dec 76

Proteinases of human epidermis; a possible mechanism for polymorphonuclear leukocyte chemotaxis. Levine N, et al. **Biochim Biophys Acta** 452(2):458-67, 8 Dec 76

Isolation of human trypsin by affinity chromatography. Temler RS, et al. **Enzyme** 22(4):249-55, 1977

Purification of platelet proteases: activation of proelastase by a trypsin-like enzyme. Legrand Y, et al. **FEBS Lett** 76(2):294-8, 15 Apr 77

Studies on human trypsin & chymotrypsins. Nayak N, et al. **Indian J Biochem Biophys** 13(4):335-8, Dec 76

Purification of several proteolytic enzymes by tosyl- and carbobenzoxy-triethylene-tetramine-sepharoses. Fujiwara K, et al. **Int J Pept Protein Res** 9(3):166-74, 1977

Anhydrotrypsin: new features in ligand interactions revealed by affinity chromatography and thionine replacement. Yokosawa H, et al. **J Biochem (Tokyo)** 81(3):647-56, Mar 77

Polyacrylamide gradient electrophoresis for protein purification on the milligram scale. Doly J, et al. **J Chromatogr** 137(1):69-81, 11 Jul 77

[Fixation of trypsin on modified Wofatit CA 20] Berger R. **Acta Biol Med Ger** 35(5):673-4, 1976 **(Ger)**

[Preparation and some properties of immobilized trypsin from the crayfish Cambarus affinis Say (author's transl)] Kleine R, et al. **Hoppe Seylers Z Physiol Chem** 357(5):629-39, May 76 (Eng. Abstr.) **(Ger)**

[Isolation of individual proteases from protofradin] Lagutina LS, et al. **Biokhimiia** 41(10):1748-52, Oct 76 (Eng. Abstr.) **(Rus)**

[Permeability of acetylcellulose ultrafiltration membranes with regard to biologically active substances] Rozhanskaia TI, et al. **Prikl Biokhim Mikrobiol** 12(2):287-90, Mar-Apr 76 (Eng. Abstr.) **(Rus)**

METABOLISM

Specificity of trypsin and alpha-chymotrypsin towards neutral substrates. Vajda T, et al. **Acta Biochim Biophys Acad Sci Hung** 11(4):287-94, 1976

Proteolysis of procollagen I. Bańkowski E. **Acta Biochim Pol** 24(1):45-52, 1977

Similarity in active site arrangement of neutral protease from calf thymus chromatin and trypsin. Kowalska-Loth B, et al. **Acta Biochim Pol** 23(2-3):139-44, 1976

Functional exploration of chronic pancreatitis by duodenal intubation. Comparative study of the Lundh meal and duodenal hormones based on a survey of literature. Secretin-caerulein test carried out by the authors. Prospective conclusions. Hoeden R, et al. **Acta Gastroenterol Belg** 39(11-12):509-21, Nov-Dec 76

Influences of blood digestion on the development of Plasmodium gallinaceum (Brumpt) in the midgut of Aedes aegypti (L.). Gass RF. **Acta Trop (Basel)** 34(2):127-40, Jun 77

Quantitative NH2 terminal evaluation of elastin as a measure of polypeptide integrity. Alvarez VL, et al. **Adv Exp Med Biol** 79:589-95, 1977

Scanning electron microscopy of purified elastin with and without enzymatic digestion. Kadar A. **Adv Exp Med Biol** 79:71-96, 1977

Molecular abnormality of PI S variant of human alpha1-antitrypsin. Yoshida A, et al. **Am J Hum Genet** 29(3):233-9, May 77

Exocrine pancreatic insufficiency syndrome in CBA/J mice. II. Biochemical studies. Leiter EH, et al. **Am J Pathol** 86(1):31-46, Jan 77

Hydrolysis of peptides within lumen of small intestine. Silk

DB, et al. **Am J Physiol** 231(5 Pt. 1):1322–9, Nov 76

Protamine, a substrate for thrombolytic agents and enzymes of similar specificity. Ong EB, et al. **Anal Biochem** 75(2):568–82, Oct 76

A new water-soluble substrate for the determination of trypsin activity. Zassenhaus PH, et al. **Anal Biochem** 76(1):321–9, Nov 76

Serine proteases: structure and mechanism of catalysis. Kraut J. **Annu Rev Biochem** 46:331–58, 1977 (135 ref.)

Reactivity and cryoenzymology of enzymes in the crystalline state. Makinen MW, et al. **Annu Rev Biophys Bioeng** 6:301–43, 1977 (205 ref.)

Mechanisms of zymogen activation. Stroud RM, et al. **Annu Rev Biophys Bioeng** 6:177–93, 1977 (50 ref.)

Fluorometric microassay of plasminogen activators. Kessner A, et al. **Arch Biochem Biophys** 176(2):411–6, Oct 76

Active site studies of human thrombin and bovine trypsin: peptide substrates. Lobo AP, et al. **Arch Biochem Biophys** 177(1):235–44, Nov 76

Vaccinia virus cytotoxin. Wolstenholme J, et al. **Arch Virol** 53(1–2):25–37, 1977

Peptides derived from pyruvate dehydrogenase as substrates for pyruvate dehydrogenase kinase and phosphatase. Davis PF, et al. **Biochem Biophys Res Commun** 75(3):541–9, 11 Apr 77

Human alpha-1-proteinase inhibitor mechanism of action: evidence for activation by limited proteolysis. Johnson DA, et al. **Biochem Biophys Res Commun** 72(1):33–9, 7 Sep 76

Protease activity associated with HeLa cell ribosomes. Korant BD. **Biochem Biophys Res Commun** 74(3):926–33, 7 Feb 77

Ligand-dependent tryptic inactivation of the ouabain sensitivity of ADP-ATP exchange catalyzed by canine renal Na+, K+-ATPase. Lea JR, et al. **Biochem Biophys Res Commun** 76(3):772–7, 6 Jun 77

Genetic study of pancreatic proteinase in mice (Mus musculus): genetic variants of trypsin and chymotrypsin. Watanabe T, et al. **Biochem Genet** 14(9–10):697–707, Oct 76

Calcium binding site of trypsin as probed by lanthanides. Epstein M, et al. **Biochemistry** 16(11):2449–57, 31 May 77

Interaction of the Kunitz soybean trypsin inhibitor with bovine trypsin. Evidence for an an acy-enzyme intermediate during complexation. Huang JS, et al. **Biochemistry** 16(11):2474–8, 31 May 77

Proteolytic fragmentation of fibrinogen. I. Comparison of the fragmentation of human and bovine fibrinogen by trypsin or plasmin. Mihalyi E, et al. **Biochemistry** 15(24):5372–81, 30 Nov 76

Selective covalent binding of methionyl-containing peptides and proteins to water insoluble polymeric reagent and their regeneration. Shechter Y, et al. **Biochemistry** 16(7):1424–30, 5 Apr 77

Proteolytic fragmentation of fibrinogen. II. kinetic modeling of the digestion of human and bovine fibrinogen plasmin or trypsin. Shrager RI, et al. **Biochemistry** 15(24):7382–6, 30 Nov 76

Synthesis and characterization of a pancreatic trypsin inhibitor homologue and a model inhibitor. Tan NH, et al. **Biochemistry** 16(8):1531–41, 19 Apr 77

On the catalytic and binding sites of porcine enteropeptidase. Baratti J, et al. **Biochim Biophys Acta** 452(2):488–96, 8 Dec 76

Effect of divalent metal ions on the digestibility of concanavalin A by endopeptidases. Blumberg S, et al. **Biochim Biophys Acta** 453(2):357–64, 22 Dec 76

Degradation of TN-C component of troponin by trypsin. Drabikowski W, et al. **Biochim Biophys Acta** 490(1):216–24, 25 Jan 77

On the relative location of the inhibitor-and calcium-binding sites in bovine trypsin as determined by nuclear magnetic resonance. Possible ambiguities in paramagnetic probe mapping studies. Epstein M, et al. **Biochim Biophys Acta** 481(1):164–70, 15 Mar 77

Rapid zymogen activation and isolation of serine proteases from an individual mouse pancreas by affinity chromatography: genetical heterogeneity of chymotrypsins of Mus musculus. Kasche V, et al. **Biochim Biophys Acta** 490(1):1–18, 25 Jan 77

The effect of pre-incubation on trypsin kinetics at low pH. Koeppe RE, et al. **Biochim Biophys Acta** 481(2):617–21, 12 Apr 77

Proteinases of human epidermis; a possible mechanism for polymorphonuclear leukocyte chemotaxis. Levine N, et al. **Biochim Biophys Acta** 452(2):458–67, 8 Dec 76

On the interaction of alpha2-plasmin inhibitor and proteases. Evidence for the formation of a covalent crosslinkage and non-covalent weak bondings between the inhibitor and proteases. Moroi M, et al. **Biochim Biophys Acta** 482(2):412–20, 10 Jun 77

Stabilization of bovine trypsin by reductive methylation. Rice RH, et al. **Biochim Biophys Acta** 492(2):316–21, 24 Jun 77

Preparation and properties of trypsin and chymotrysin coupled covalently to poly (N-vinylpyrrolidone). Specht BU, et al. **Biochim Biophys Acta** 484(1):109–14, 15 Sep 77

Polymeric collagen fibrils. An example of substrate-mediated steric obstruction of enzymic digestion. Steven FS. **Biochim Biophys Acta** 452(1):151–60, 8 Nov 76

Evidence for a latent form of collagenase extracted from rabbit tumour cells. Steven FS, et al. **Biochim Biophys Acta** 496(1):241–6, 24 Jan 77

Evidence for the presence of a trypsin inhibitor within rabbit and mouse tumour cells. Steven FS, et al. **Biochim Biophys Acta** 483(1):211–4, 8 Jul 77

Insulin-sensitive adenosine 3',5'-cyclic monophosphate phosphodiesterase of hepatocyte plasma membrane. Tria E, et al. **Biochim Biophys Acta** 496(1):77–87, 24 Jan 77

Enhanced heat, alkaline and tryptic stability of acetamidinated pig heart lactate dehydrogenase. Tuengler P, et al. **Biochim Biophys Acta** 484(1):1–8, 15 Sep 77

The structure of the complex formed by bovine trypsin and bovine pancreatic trypsin inhibitor III. Structure of the anhydro-trypsin-inhibitor complex. Huber R, et al. **Biophys Struct Mech** 1(3):189–201, 30 May 75

A new mechanochemical method of enzyme immobilization. Klibanov AM, et al. **Biotechnol Bioeng** 19(2):211–8, Feb 77

Process engineering studies on immobilized trypsin using molecular sieves as carriers. Mukherjea RN, et al. **Biotechnol Bioeng** 19(9):1259–68, Sep 77

Polyethylene glycol (PEG) in the production of mammalian somatic cell hybrids. Pontecorvo G. **Birth Defects** 12(7):399–400, 1976

Bacteriocins of Streptococcus bovis. Iverson WG, et al. **Can J Microbiol** 22(7):1040–7, Jul 76

Increased susceptibility of cytosol proteins to proteolytic digestion during regression of a hormone-dependent mammary tumor. Rouleau M, et al. **Cancer Res** 37(3):670–7, Mar 77

Chromatin structure as probed by nucleases and proteases: evidence for the central role of histones H3 and H4. Sollner-Webb B, et al. **Cell** 9(1):179–93, Sep 76

Use of alpha-N-benzoyl-L-arginine-p-nitroanilide as trypsin substrate in estimation of alpha 1-antitrypsin [letter]. Dietz AA, et al. **Clin Chem** 22(10):1754–5, Oct 76

Kinetics of the inactivation of human and bovine trypsins and chymotrypsins by alpha1-proteinase inhibitor and of their reactivation by alpha2-macroglobulin. Aubry M, et al. **Clin Chim Acta** 78(3):371–80, 1 Aug 77

Determination of enteropeptidase activity in human duodenal aspirates. Barns RJ, et al. **Clin Chim Acta** 79(1):55–61, 15 Aug 77

Automated determination of the antitrypsin activity of serum. Hoffmann JJ, et al. **Clin Chim Acta** 71(2):251–9, 6 Sep 76

Abnormal breakdown of alpha2-macroglobulin-trypsin complex in cystic fibrosis. Shapira E, et al. **Clin Chim Acta** 78(3):359–63, 1 Aug 77

Assay of proteolytic activity by gelatin liquefaction (trypsin assay by gelatin liquefaction). Westler B, et al. **Clin Chim Acta** 78(1):151–7, 1 Jul 77

Functional and structural characterization of immunoglobulin on murine B lymphocytes. Parkhouse RM, et al. **Cold Spring Harbor Symp Quant Biol** 41 Pt 1:193–200, 1977

Studies on the digestive enzymes of the African fruit bat Eidolon helvum (Kerr). Ogunbiyi OA, et al. **Comp Biochem Physiol [A]** 55(4A):359–61, 1976

Calcium influx following fertilization of Urechis caupo eggs. Johnston RN, et al. **Dev Biol** 57(2):364–74, Jun 77

Immunochemical studies on some spermatozoal antigens. Tornyov A, et al. **Dokl Bolg Akad Nauk** 29(5):719–22, 1976

Isolation of human trypsin by affinity chromatography. Temler RS, et al. **Enzyme** 22(4):249–55, 1977

The kinetics of hydrolysis of some extended N-aminoacyl-l-lysine methyl esters. Green GD, et al. **Eur J Biochem** 68(1):131–7, Sep 76

p-Nitroanilides of 3-carboxypropionyl-peptides. Their cleavage by elastase, trypsin, and chymotrypsin. Kasafírek E, et al. **Eur J Biochem** 69(1):1–13, 1 Oct 76

A trypsin-resistant fragment from complexes of ribosomal protein S4 with 16-S RNA of Escherichia coli and from the uncomplexed protein. Newberry V, et al. **Eur J Biochem** 76(1):51–61, 1 Jun 77

Kinetics of binding of bovine trypsin-killikrein inhibitor (K unitz) in which the reactive-site peptide bond Lys-15--Ala-16 is cleaved, to alpha-chymotrypsin and beta-trypsin. Quast U, et al. **Eur J Biochem** 52(3):505–10, 1 Apr 75

Secondary and conformational specificities of trypsin and chymotrypsin. Wright HT. **Eur J Biochem** 73(2):567–78, Mar 1 77

Effect of bombesin on pancreatic secretion and gall bladder motility of the chicken. Linari G, et al. **Eur J Pharmacol** 34(2):305–10, Dec 75

Influence of the trypsin activity by the side chain of arginine homologues. Schwegler F. **Experientia** 32(11):1380–1, 15 Nov 76

Trypsin activity in the midgut of Sarcophaga reficornis and Musca domestica (Diptera: Insecta). Sinha M. **Experientia** 32(10):1289–90, 15 Oct 76

Induction of the bovine trypsinogen–trypsin transition by peptides sequentially similar to the N–terminus of trypsin. Bode W, et al. **FEBS Lett** 68(2):231–6, 1 Oct 76

Association of mouse interferon with liposomes. La Bonnardière C. **FEBS Lett** 77(2):191–6, 15 May 77

Evidence for a postsynthetic proteolytic transformation of human erythrocyte pyruvate kinase into L–type enzyme. Marie J, et al. **FEBS Lett** 78(1):91–4, 1977

Kinetics of the hydrolysis of synthetic substrates by horse urinary kallikrein and trypsin. Sampaio MU, et al. **Gen Pharmacol** 7(2–3):167–71, Aug 76

Exocrine pancreatic response to the venom of the scorpion, Tityus trinitatis. Bartholomew C, et al. **Gut** 18(8):623–5, Aug 77

Determination of arginine in the reactive site of proteinase inhibitors by selective and reversible derivatization of the arginine side chain. Dietl T, et al. **Hoppe Seylers Z Physiol Chem** 357(5):657–65, May 76

Activation of parainfluenza viruses through host–dependent cleavage of an envelope glycoprotein. pp. 457–70. Scheid A. **In: Baltimore D, et al., ed. Animal virology. New York, Academic Press, 1976. W3 I322 v.4 1976.**

Activation of cuticle chitinase: a probable new instance of activation by partial proteolysis. p. 391. Bade ML, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Structural studies on the pancreatic trypsin inhibitor – trypsin complex and its free components: structure and function relationship in serine protease inhibition and catalysis. pp. 43–76. Bode W, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (22 ref.)

An estimation of the distance from the active site to the calcium binding site in trypsin. p. 394. Darnall DW, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Studies of the selectivity and mechanisms of intracellular protein degradation. pp. 313–37. Goldberg AL, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (29 ref.)

Relationship between the structures and activities of some microbial serine proteases. II. Comparison of the tertiary structures of microbial and pancreatic serine proteases. pp. 125–42. James MN. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (34 ref.)

Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123. Jurasek L, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (44 ref.)

Modification of the properties of trypsin by covalent attachment of polysaccharide. p. 399. Marshall JJ, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

The role of proteases in biological regulation. pp. 29–42. Neurath H, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (21 ref.)

Relationship between zinc content and trypsin binding activity of alpha2–macroglobulin. p. 409. Song MK, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Cell culture of the endocrine pancreas of the mouse in chemically defined media. Leiter EH, et al. **In Vitro** 9(6):421–33, May–Jun 74

Pancreatic enzyme requirements for the dissociation of rat hearts for culture. Speicher DW, et al. **In Vitro** 10:30–41, Jul–Aug 74

Clostridium botulinum type D toxin: purification, molecular structure, and some immunological properties. Miyazaki S, et al. **Infect Immun** 17(2):395–401, Aug 77

Activation of botulinum toxins in the absence of nicking. Ohishi I, et al. **Infect Immun** 17(2):402–7, Aug 77

Production and properties of a staphylococcin genetically controlled by the staphylococcal plasmid for exfoliative toxin synthesis. Rogolsky M, et al. **Infect Immun** 15(3):726–32, Mar 77

Separation of M. leprae from human leproma and the development of a cytoplasmic skin test antigen from purified bacilli. Elliston EP, et al. **Int J Lepr** 44(3):319–31, Jul–Sep 76

Oxidation of 3,4–dihydroxyphenylalanine by connective tissue constituents. Identification of Mycobacterium leprae not related to phenolase activity. Kato L, et al. **Int J Lepr** 44(4):435–42, Oct–Dec 76

Surface proteins of fibroblast and sarcoma cells––their shedding and trypsin susceptibility. Benenson A, et al. **Isr J Med Sci** 13(8):852–8, Aug 77

Relationships between inhibition of the tryptic and chymotryptic digestion from antiinflammatory agents and substrate structure [proceedings]. Roda LG. **Ital J Biochem** 25(5):417–9, Sep–Oct 76

'Inverse substrates' for trypsin. Efficient enzymatic hydrolysis of certain esters with a cationic center in the leaving group1. Tanizawa K, et al. **J Am Chem Soc** 99(13):4485–8, 22 Jun 77

Further studies on the reactions of phenylglyoxal and related reagents with proteins. Takahashi K. **J Biochem (Tokyo)** 81(2):403–14, Feb 77

Anhydrotrypsin and trypsin: subtle difference in the active–site conformations detected by chemical modification and CD spectroscopy. Yokosawa H, et al. **J Biochem (Tokyo)** 81(3):657–63, Mar 77

Anhydrotrypsin: new features in ligand interactions revealed by affinity chromatography and thionine replacement. Yokosawa H, et al. **J Biochem (Tokyo)** 81(3):647–56, Mar 77

Conversion of proparathyroid hormone to parathyroid hormone by a particulate enzyme of the parathyroid gland. MacGregor RR, et al. **J Biol Chem** 251(21):6711–6, 10 Nov 76

The activity of trypsin. Russo SF, et al. **J Chem Educ** 54(1):60–1, Jan 77

Reactivation of Newcastle Disease Virus Neutralized by Antibody. Brugh M Jr. **J Clin Microbiol** 5(4):410–5, Apr 77

Detection of staphylococcal enterotoxin in gastric juice. Dickie N, et al. **J Clin Pathol** 29(9):833–5, Sep 76

The presence of two Fc receptors on mouse macrophages: evidence from a variant cell line and differential trypsin sensitivity. Unkeless JC. **J Exp Med** 145(4):931–45, 1 Apr 77

Immunogenic and cell attachment sites of FMDV: further evidence for their location in a single capsid polypeptide. Cavanagh D, et al. **J Gen Virol** 35(1):149–58, Apr 77

Further studies on the activation of influenza virus by proteolytic cleavage of the haemagglutinin. Klenk HD, et al. **J Gen Virol** 36(1):151–61, Jul 77

Expression of feline leukaemia virus antigens on cat lymphoma cells: kinetics of biosynthesis. O'Brien SJ, et al. **J Gen Virol** 35(3):511–23, Jun 77

Alterations in enterkinase, trypsin, and alkaline phosphatase in response to variation in dietary protein content in the rat. McCarthy DM, et al. **J Lab Clin Med** 89(1):72–9, Jan 77

Digestive processes of hematophagous insects. VIII. Estimation of meal size and demonstration of trypsin in horse flies and deer flies (Diptera: Tabanidae). Thomas AW, et al. **J Med Entomol** 13(2):131–6, 10 Sep 76

Digestive processes of hematophagous insects. IX. Some properties of two trypsins from female horse flies and deer flies (Diptera: Tabanidae). Thomas AW, et al. **J Med Entomol** 13(3):341–6, 8 Dec 76

Collagenase– and trypsin–dissociated heart cells: a comparative ultrastructural study. Masson–Pévet M, et al. **J Mol Cell Cardiol** 8(10):747–57, Oct 76

Rat brain stem tryptophan hydroxylase: mechanism of activation by calcium. Hamon M, et al. **J Neurochem** 28(4):811–8, Apr 77

A plasma glycoprotein depressed in vitamin A deficiency in the rat: alpha 1–macroglobulin. Kiorpes TC, et al. **J Nutr** 106(11):1659–67, Nov 76

Effect of dietary raw soybean and soybean trypsin inhibitor

on trypsin and chymotrypsin activities in the pancreas and in small intestinal juice of growing swine. Yen JT, et al. **J Nutr** 107(1):156–65, Jan 77

Flat preparations of the retinal vessels in Coats' disease. Egbert PR, et al. **J Pediatr Ophthalmol** 13(6):336–9, Nov–Dec 76

Comparison of retention of activity of soluble and insolubilized forms of trypsin in a simulated gastric medium. Gonda I. **J Pharm Pharmacol** 29(4):250–2, Apr 77

Comparison of resistance of soluble and immobilised trypsins against denaturation by simulated gastric fluid [proceedings]. Wiseman SH, et al. **J Pharm Pharmacol** 28 Suppl:11P, Dec 76

Oligosaccharides of the glycoprotein of rabies virus. Dietzschold B. **J Virol** 23(2):286–93, Aug 77

Glycosylation sites of vesicular stomatitis virus glycoprotein. Robertson JS, et al. **J Virol** 19(3):871–8, Sep 76

Role of carbohydrate in biological functions of Friend murine leukemia virus gp71. Schäfer W, et al. **J Virol** 21(1):35–40, Jan 77

Mechanochemistry of immobilized enzymes: a new approach to studies in fundamental enzymology. I. Regulation by mechanical means of the catalytic properties of enzymes attached to polymer fibers. Berezin IV, et al. **Methods Enzymol** 44:558–71, 1976

Mechanochemistry of immobilized enzymes: a new approach to studies in fundamental enzymology. II. Regulation of the rate of enzymic protein–protein interaction in polyacrylamide gel. Berezin IV, et al. **Methods Enzymol** 44:571–6, 1976

Conformational transitions in immobilized proteases. Gabel D, et al. **Methods Enzymol** 44:526–38, 1976

Immobilization as a means of investigating the acquisition of tertiary structure in chymotrypsinogen. Horton HR, et al. **Methods Enzymol** 44:516–26, 1976

Immobilized enzymes in microcalorimetry. Johansson A, et al. **Methods Enzymol** 44:659–67, 1976

Multistep enzyme systems. Mosbach K, et al. **Methods Enzymol** 44:453–78, 1976

Toxin isolation from a Kanagawa-phenomenon negative strain of Vibrio parahaemolyticus. Sochard MR, et al. **Microbiol Immunol** 21(5):243–54, 1977

The extracellular metalloprotease of Serratia marcescens. 2. Comparison with trypsin and substrate specificity. Aiyappa PS, et al. **Mol Cell Biochem** 13(3):131–6, 10 Dec 76

Fate of orally ingested enzymes in pancreatic insufficiency. Comparison of two dosage schedules. DiMagno EP, et al. **N Engl J Med** 296(23):1318–22, 9 Jun 77

Endogenous activiation of latent collagenase by rheumatoid synovial cells. Evidence for a role of plasminogen activator. Werb Z, et al. **N Engl J Med** 296(18):1017–23, 5 May 77

The action of trypsin and chymotrypsin on the reserve proteins of some leguminous seeds. Vaintraub IA, et al. **Nahrung** 20(8–9):763–71, 1976

Initiation of check cell division by trypsin action at the cell surface. Carney DH, et al. **Nature** 268(5621):602–6, 18 Aug 77

Trypsin inhibits the action of tetrodotoxin on neurones. Lee KS, et al. **Nature** 265(5596):751–3, 24 Feb 77

EGTA and proteinase reversal of cellular aggregation of activated lymphocytes. Neely AN, et al. **Nature** 264(5588):770–1, 23–30 Dec 76

Lymphocyte migration into cell-mediated immune lesions is inhibited by trypsin. Ranne GH, et al. **Nature** 267(5611):520–2, 9 Jun 77

Developmentally regulated lectin in neonatal rat brain. Simpson DL, et al. **Nature** 266(5600):367–9, 24 Mar 77

Chromatin structure: a property of the higher structures of chromatin and in the time course of its formation during chromatin replication. Burgoyne LA, et al. **Nucleic Acids Res** 3(12):3293–304, Dec 76

The comparative effect of prolonged feeding with raw and heated soybean mean on the growth response, pancreatic enlargement and pancreatic enzymes of chicks. Madar Z, et al. **Nutr Metab** 20(4):234–42, 1976

Evaluating the stability and reactivity of a light-sensitive probe by enzyme analysis. Tometsko AM, et al. **Photochem Photobiol** 24(6):579–85, Dec 76

Cryoenzymology in mixed solvents without cosolvent effects on enzyme specific activity. Douzou P, et al. **Proc Natl Acad Sci USA** 74(6):2297–300, Jun 77

Enzymes as reagents in peptide synthesis: enzyme-labile protection for carboxyl groups. Glass J, et al. **Proc Natl Acad Sci USA** 74(7):2739–41, Jul 77

Primary structure of very low density apolipoprotein C-II of human plasma. Jackson RL, et al. **Proc Natl Acad Sci USA** 74(5):1942–5, May 77

Role of proteolytic enzymes in biological regulation (a review). Neurath H, et al. **Proc Natl Acad Sci USA** 73(11):3825–32, Nov 76

Binding to idiotypic determinants of large proportions of thymus-derived lymphocytes in idiotypically suppressed mice. Owen FL, et al. **Proc Natl Acad Sci USA** 74(5):2084–8, May 77

Isolation and characterization of the opioid peptides from rat pituitary: beta-lipotropin. Rubinstein M, et al **Proc Natl Acad Sci USA** 74(7):3052–5, Jul 77

Nutritional effects of field-bean (Vicia faba L.) protease inhibitors and field beans fed to rats [proceedings]. Abbey BW, et al. **Proc Nutr Soc** 35(2):84A–86A, Sep 76

Evidence for a 'pro-relaxin' in porcine relaxin concentrates. Frieden EH, et al. **Proc Soc Exp Biol Med** 154(3):407–11, Mar 77

Quantitation of active pancreatic endopeptidases in the intestinal contents of germfree and conventional rats. Genell S, et al. **Scand J Gastroenterol** 11(8):757–62, 1976

Macrophage tumor killing: influence of the local environment. Hibbs JB Jr, et al. **Science** 197(4300):279–82, 15 Jul 77

Pathophysiology and significance of malabsorption after Roux-en-Y reconstruction. Bradley EL 3d, et al. **Surgery** 81(6):684–91, Jun 77

Contact activation of factor XI: evidence that the primary role of contact activation cofactor (CAC) is to facilitate the activation of factor XII. Schiffman S, et al. **Thromb Res** 10(2):319–23, Feb 77

The properties of the purified fibrinolytic principle from Agkistrodon acutus snake venom. Ouyang C, et al. **Toxicon** 15(2):161–7, 1977

Suppressor mechanisms in neonatally acquired tolerance to a Gross virus-induced lymphoma in rats. Myburgh JA, et al. **Transplantation** 22(3):236–44, Sep 76

Canine urinary bladder epithelial cells: preparation for cell culture by enzyme dispersion. Bonar RA, et al. **Urol Res** 5(2):87–94, 20 Jun 77

Activation of precursors to both glycoporteins of Newcastle disease virus by proteolytic cleavage. Nagai Y, et al. **Virology** 77(1):125–34, Mar 77

Inhibition of exocrine and endocrine pancreatic function by somatostatin in man. Dollinger HC, et al. **Z Gastroenterol [Verh]** (10):56–9, 1976

Inhibition by somatostatin of pancreatic juice and enzyme secretion and gallbladder contraction induced by secretin, cholecystokinin-pancreozymin and carbachol administration. Lankisch PG, et al. **Z Gastroenterol [Verh]** (10):51–5, 1976

[The secretory function of the pancreas and the ageing progress (author's transl)] Korkuschko OW, et al. **ZFA [Dresden]** 31(2):133–50, 1976 (Eng. Abstr.)

[Circadian rhythm in the activity of various digestive enzymes of the small intestine and pancreas in guinea pigs] Mališ F, et al. **Cas Lek Cesk** 115(44):1353–7, 8 Nov 76 (Eng. Abstr.) **(Cze)**

[Enzymatic determination of blood antitrypsic activity with centrifugal analyser] Klumpp T. **Ann Biol Clin (Paris)** 35(3):221–6, 1977 (Eng. Abstr.) **(Fre)**

[Thermal degradation of cow caseins alpha s and beta. III. Changes of the enzymatic proteolysis: relation with the degradation of amino acids] Lorient D, et al. **Biochimie** 58(7):871–3, 1976 **(Fre)**

[Spontaneous phospholipase A activity of rat pancreatic homogenates] Durand S, et al. **C R Acad Sci [D] (Paris)** 284(14):1357–60, 4 Apr 77 (Eng. Abstr.) **(Fre)**

[Bisalbuminaemia in pancreatitis: structural modifications of human serum albumin by proteolytic enzymes of the pancreas (author's transl)] Rousseaux J, et al. **Clin Chim Acta** 71(1):35–46, 16 Aug 76 (Eng. Abstr.) **(Fre)**

[Behavior of exocrine pancreatic function during treatment with antibiotics and antineoplastic agents] Fleischer K. **Fortschr Med** 94(33):1957–61, 18 Nov 76 (Eng. Abstr.) **(Ger)**

[Preparation and some properties of immobilized trypsin from the crayfish Cambarus affinis Say (author's transl)] Kleine R, et al. **Hoppe Seylers Z Physiol Chem** 357(5):629–39, May 76 (Eng. Abstr.) **(Ger)**

[Exocrine pancreatic function in chronic alcoholics in Austria (author's transl)] Pointner H, et al. **Wien Klin Wochenschr** 89(13):452–5, 24 Jun 77 (Eng. Abstr.) **(Ger)**

[Effect of food on the exocrine function of the pancreas] Stasiewicz J, et al. **Pol Arch Med Wewn** 57(1):63–70, Jan 77 (75 ref.) **(Pol)**

[Diphtheria toxin. Effects on sensitive cells, structure of the toxin molecule and mechanism of its action] Ubysz-Jerzmanowska K. **Postepy Hig Med Dosw** 30(6):783–814, Nov–Dec 76 **(Pol)**

[Some physicochemical properties of modified trypsin] Bogacheva TI, et al. **Biokhimiia** 42(4):609–15, Apr 77 (Eng. Abstr.) **(Rus)**

[Functional-morphological state of the digestive organs after administration of dianabol] Narodetskaia RV, et al. **Farmakol Toksikol** 39(5):619–22, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Functional condition of the pancreas in aging] Valenkevich LN. **Klin Med (Mosk)** 54(4):119–23, Apr 76 (Eng. Abstr.) **(Rus)**

[Effect of conservative therapy on the activity of enzymes and bioenergetic processes in the liver in acute experimental pancreatitis] Kriuchok AG, et al. **Patol Fiziol Eksp Ter** (6):29–34, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Characteristics of extracellular proteolytic enzymes of Actinomyces fradiae 0072] Kashkin AP, et al. **Prikl Biokhim Mikrobiol** 12(4):563–71, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[Role of proteolytic factor in the etiology of duodenitis and jejunitis in chronic hepatitis and liver cirrhosis] Iakhontova OI. **Ter Arkh** 48(9):54–7, 1976 (Eng. Abstr.) **(Rus)**

[Lymph, plasma and urinary hydrolases during animal feeding with different types of food] **Vopr Pitan** (5):29–34, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Protein hydrolysis by pepsin and trypsin at a varying pH] Saidbaeva LM. **Vopr Pitan** (4):45–8, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

[A study of pancrealysates of Sh. flexneri 2a and Sh. sonnei fractionated by filtration through Sephadex G-200 and ultracentrifugation] Kaverina KG, et al. **Zh Mikrobiol Epidemiol Immunobiol** (7):51–6, Jul 76 (Eng. Abstr.) **(Rus)**

[The effects of enzymes and secretions of the gastrointestinal tract on the EB vaccine strain] Vorob'ev AA, et al. **Zh Mikrobiol Epidemiol Immunobiol** (10):98–102, Oct 76 (Eng. Abstr.) **(Rus)**

[Trypsin isoenzymes in diseases of the gastrointestinal tract in children] Iazovoĭ FP, et al. **Pediatr Akush Ginekol** (3):17–8, May–Jun 77 **(Ukr)**

PHARMACODYNAMICS

Iodopeptides from human thyroglobulin. Valenta LJ, et al. **Acta Endocrinol (Kbh)** 85(4):769–80, Aug 77

Human interferon and cell growth inhibition. II. Biological and physico-chemical properties of the growth inhibitory component. Dahl H. **Acta Pathol Microbiol Scand [B]** 85B(1):54–60, Feb 77

Visualization of the binding of IgG myeloma proteins to some group A streptococci. Christensen P, et al. **Acta Pathol Microbiol Scand [C]** 84(3):203–9, Jun 76

Purification of immunolobulin G Fc-reactive factor from Streptococcus azgazardah. Christensen P, et al. **Acta Pathol Microbiol Scand [C]** 84(3):196–202, Jun 76

The effect of anti-lymphocyte serum, mitogens and enzymatic treatment on the agglutination and surface charge of lymphoid cells. Wiig JN. **Acta Pathol Microbiol Scand [C]** 84(3):177–84, Jun 76

UDP glucuronosyltransferase and mixed function oxidase activity in microsomes prepared by differential centrifugation and calcium aggregation. Aitio A, et al. **Acta Pharmacol Toxicol (Kbh)** 39(5):555–61, 1976

Influence of trypsin on cytostatic effects of cyclophosphamide in rats with Guerin tumours. Buczko W, et al. **Acta Physiol Pol** 27(4):387–94, Jul–Aug 76

Production and some properties of neutralizing antigens of herpes simplex virus. Kutinová L, et al. **Acta Virol (Praha)** 21(3):189–97, May 77

Properties and regulation of liver phosphorylase phosphatase. Lee EY, et al. **Adv Enzyme Regul** 14:467–90, 1976 (51 ref.)

Gonadotropin receptors in human corpora lutea of the menstrual cycle and pregnancy. Rao CH V, et al. **Am J Obstet Gynecol** 128(2):146–53, 15 May 77

Attachment and ingestion of mycoplasmas by mouse macrophages. II. Scanning electron microscopic observations. Jones TC, et al. **Am J Pathol** 87(2):347–58, May 77

Production and characterization of Moraxella bovis hemolysin. Sandhu TS, et al. **Am J Vet Res** 38(6):883–5, Jun 77

Requirements for activation of trypsinogen and chymotrypsinogen in rabbit pancreatic juice. Glazer G, et al. **Anal Biochem** 77(1):130–40, Jan 77

Scanning electron microscope study of the extracellular matrix between presumptive lens and presumptive retina of the chick embryo. Wakely J. **Anat Embryol (Berl)** 150(2):163–70, 30 Mar 77

The splitting of sperm heads from tails in eight mammalian species and the measurement of their sizes. Brotherton J. **Andrologia** 9(1):1–14, Jan–Mar 77

Hog cholera virus : sensitivity to hydrolytic enzymes. Laude H. **Ann Rech Vet** 8(1):59–65, 1977

Lymphocyte subpopulations in rheumatoid synovial tissue. Wangel A, et al. **Ann Rheum Dis** 36(2):176–80, Apr 77

Bacteriocin production by Neisseria gonorrhoeae. Lawton WD, et al. **Antimicrob Agents Chemother** 10(3):417–20, Sep 76

Suppression of the lytic and bactericidal effects of cell wallinhibitory antibiotics. Lopez R, et al. **Antimicrob Agents Chemother** 10(4):697–706, Oct 76

Ionic bonding, the mechanism of viral uptake by shellfish mucus. Di Girolamo R, et al. **Appl Environ Microbiol** 33(1):19–25, Jan 77

Effect of beef broth protein on the thermal inactivation of staphylococcal enterotoxin B1. Lee IC, et al. **Appl Environ Microbiol** 33(2):341–4, Feb 77

A soluble glucocorticoid binding protein in the bovine adrenal cortex. Cochet C, et al. **Arch Biochem Biophys** 180(1):1–9, 15 Apr 77

Influence of trypsin and concanavalin A on sponge cell aggregation. Van de Vyver G, et al. **Arch Biol (Liege)** 87(2):245–59, 1976

The influence of trypsin and neuraminidase on content of serotonin in rat blood platelets. Koćmierska-Grodzka D. **Arch Immunol Ther Exp (Warsz)** 24(4):565–73, 1976

Culture and origin of epithelium-like and fibroblast-like cells from porcine periodontal ligament explants and cell suspensions. Brunette DM, et al. **Arch Oral Biol** 21(7):393–400, 1976

Localisation on foot-and-mouth disease virus (FMDV) of an antigenic deficiency induced by passage in BHK cells. Meloen RH. **Arch Virol** 51(4):299–306, 1976

Haemagglutination of trypsin modified human erythrocytes by chagres virus. Shortridge KF. **Arch Virol** 52(1–2):181–6, 1976

An improved method for titration of mouse hepatitis virus type 3 in a mouse cell culture. Takayama N, et al. **Arch Virol** 52(4):347–9, 1976

Biological and biophysical characteristics of mouse adenovirus, strain FL. Wigand R, et al. **Arch Virol** 54(1–2):131–42, 1977

Induction of ornithine decarboxylase activity in epidermis by a tumor promoter: decreased response in mice maintained on a vitamin B6-deficient diet. Murray AW, et al. **Biochem Biophys Res Commun** 77(2):693–9, 25 Jul 77

Effects of trypsin treatment on the structure and function of solubilized coupling factor-latent ATPase from Mycobacterium phlei. Ritz CJ, et al. **Biochem Biophys Res Commun** 75(4):933–9, 25 Apr 77

A brain protein and its effect on the Ca2+-and protein modulator-activated cyclic nucleotide phosphodiesterase. Wang JH, et al. **Biochem Biophys Res Commun** 72(3):926–32, 4 Oct 76

The action of snake venom, phospholipase A and trypsin on purified myelin in vitro. Banik NL, et al. **Biochem J** 159(2):273–7, Nov 76

The electrophoretic properties and aggregation of mouse lymphoma cells, chinese-hamster fibroblasts and a somatic-cell hybrid. Greig RG, et al. **Biochem J** 160(2):325–34, 15 Nov 76

Ionic-strength-dependent changes in the structure of the major protein of the human erythrocyte membrane. Jenkins RE, et al. **Biochem J** 161(1):131–8, 1 Jan 77

Effects of anti-microtubular agents and cycloheximide on the metabolism of chylomicron cholesteryl esters by hepatocyte suspensions. Nilsson A. **Biochem J** 162(2):367–77, 15 Feb 77

Studies on the biosynthesis, assembly and secretion of vitellogenin, an oestrogen-induced multicomponent protein. Penning TM, et al. **Biochem J** 162(1):157–70, 15 Jan 77

Trypsin-induced phospholipase activity in human platelets. Pickett WC, et al. **Biochem J** 160(2):405–8, 15 Nov 76

Properties of particulate, membrane-associated and soluble guanylate cyclase from cardiac muscle, skeletal muscle, cerebral cortex and liver. Sulakhe SJ, et al. **Biochem J** 157(3):713–9, 1 Sep 76

Preliminary characterization of two thymus-dependent xenoantigens from mouse lymphocytes. Trowbridge IS, et al. **Biochem J** 163(2):211–7, 1 May 77

Hormonal and ionic control of the glycogenolytic cascade in rat liver. van de Werve G, et al. **Biochem J** 162(1):135–42, 15 Jan 77

Multiple forms of Drosophila embryo DNA polymerase: evidence for proteolytic conversion. Brakel CL, et al. **Biochemistry** 16(14):3137–43, 12 Jul 77

Human skin collagenase: isolation of precursor and active forms from both fibroblast and organ cultures. Stricklin GP, et al. **Biochemistry** 16(8):1607–15, 19 Apr 77

The effect of trypsin on bovine transferrin and lactoferrin. Brock JH, et al. **Biochim Biophys Acta** 446(1):214–25, 28 Sep 76

The perturbation of thrombin binding to human platelets by trypsin and neuraminidase. Ganguly P. **Biochim Biophys Acta** 498(1):21–8, 23 Jun 77

Influence of trypsin on lipolysis in human fat cells. Comparison with rat adipocytes. Giudicelli Y, et al. **Biochim Biophys Acta** 450(3):358–66, 20 Dec 76

Control of protein synthesis by hemin. Isolation and characterization of a supernatant factor from rabbit reticulocyte lysate. Gross M. **Biochim Biophys Acta** 447(4):445–59, 1 Nov 76

A note on the dual role of glucose in the protection of glucokinase against inactivation. Grossman SH. **Biochim Biophys Acta** 452(2):392–7, 8 Dec 76

Effects of incorporated trypsin on anion exchange and membrane proteins in human red blood cell ghosts. Lepke S, et al. **Biochim Biophys Acta** 455(2):353–70, 2 Dec 76

Studies on aspartase. III. Alteration of enzymatic properties upon trypsin-mediated activation. Mizuta K, et al. **Biochim Biophys Acta** 452(1):253–61, 8 Nov 76

Isolation and characterization of an inhibitory subunit of the Mg2+--Ca2+-ATPase of Escherichia coli. Nieuwenhuis FJ, et al. **Biochim Biophys Acta** 459(3):596–604, 11 Mar 77

Purification of angiotensin I-converting enzyme from human lung. Nishimura K, et al. **Biochim Biophys Acta** 483(2):398–408, 11 Aug 77

Plasminogen activator from human embryonic kidney cell cultures. Evidence for a proactivator. Nolan C, et al. **Biochim Biophys Acta** 496(2):384–400, 28 Feb 77

Quasi-elastic light scattering studies on pyruvate oxidase. Raj T, et al. **Biochim Biophys Acta** 481(1):42–9, 15 Mar 77

Stimulation of cyclic nucleotide phosphodiesterases from rat brain by activator protein, proteolytic enzymes and a vitamin E derivative. Sakai T, et al. **Biochim Biophys Acta** 483(1):121–34, 8 Jul 77

An anti-A-like lectin of Rana catesbiana eggs showing unusual reactivity. Sakakibara F, et al. **Biochim Biophys Acta** 444(2):386–95, 24 Sep 76

Relationship of contact activation cofactor (CAC) procoagulant activity to kininogen. Schiffman S, et al. **Blood** 49(6):935–45, Jun 77

Platelet interaction with human umbilical cord vascular basement membrane. Gloster ES, et al. **Blood Vessels** 13(5):267–78, 1976

The Duffy blood group determinants: their role in the susceptibility of human and animal erythrocytes to Plasmodium knowlesi malaria. Mason SJ, et al. **Br J Haematol** 36(3):327–35, Jul 77

Binding of factor VIII to platelets in the presence of ristocetin. Zucker MB, et al. **Br J Haematol** 35(4):535–49, Apr 77

Specificity of adhesion between cloned neural cell lines. Stallcup WB. **Brain Res** 126(3):475–86, 13 May 77

The fusion of erythrocytes by treatment with proteolytic enzymes and polyethylene glycol. Hartmann JX, et al. **Can J Genet Cytol** 18(3):503–12, Sep 76

Effects of proteolytic enzymes on invertase secretion in sphaeroplasts of Saccharomyces: inhibition by trypsin. Holbein BE, et al. **Can J Microbiol** 23(2):202–8, Feb 77

The effects of enzymatic digestion on the elastic properties of isolated human cerebral arteries. Damude LC, et al. **Can J Physiol Pharmacol** 55(2):161–9, Apr 77

Increased susceptibility of cytosol proteins to proteolytic digestion during regression of a hormone-dependent mammary tumor. Rouleau M, et al. **Cancer Res** 37(3):670–7, Mar 77

Evidence for a functional role of RNA in centrioles. Heidemann SR, et al. **Cell** 10(3):337–50, Mar 77

Antigen responsiveness of an established human B-lymphoid cell line. I. Evidence for a surface receptor for Candida antigen detected by direct migration inhibition. Baskin BL, et al. **Cell Immunol** 26(2):264–73, Oct 76

Studies on the recognition of xenogeneic cells by nonimmune macrophages. I. Destruction of chicken fibroblasts in vitro by murine macrophages. Cabilly S, et al. **Cell Immunol** 29(1):54–65, 1 Mar 77

Impaired cellular immunecompetence in infectious mononucleosis as assessed by a local graft-versus-host reaction in rats and restoration of the immunecompetence by trypsin. Shohat B, et al. **Cell Immunol** 25(1):116–20, Jul 76

Demonstration of complement receptors on lymphoblastoid cells by radiolabeled antibodies and in situ autoradiography. Siegert W, et al. **Cell Immunol** 31(2):234–41, 15 Jun 77

Relationships between complement activation, complement binding, and EBV absorption by human hematopoietic cell lines. Yefenof E, et al. **Cell Immunol** 31(2):225–33, 15 Jun 77

Trypsin-induced activation of renin precursor in plasma of normal and anephric man. Cooper RM, et al. **Circ Res** 40(5 Suppl 1):I171–9, May 77

Effect of kininogen on the activity of the kallikreinogen-kallikrein system of human blood serum. Yarovaya GA, et al. **Clin Chim Acta** 78(1):85–9, 1 Jul 77

A subpopulation of human B lymphocytes that rosette with mouse erythrocytes. Forbes IJ, et al. **Clin Exp Immunol** 26(1):99–107, Oct 76

The characteristics of binding of Corynebacterium parvum to glass-adherent mouse peritoneal exudate cells. Ogmundsdóttir HM, et al. **Clin Exp Immunol** 26(2):334–9, Nov 76

FSH receptors in rat testis: chemical properties and solubilization studies. Bhalla VK, et al. **Curr Top Mol Endocrinol** 1:201–20, 1974

In vitro binding and autoradiographic localization of human chorionic gonadotropin and follicle stimulating hormone in rat testes during development. Desjardins C, et al. **Curr Top Mol Endocrinol** 1:221–35, 1974

Cytogenetic analysis of oocytes and early preimplantation embryos from XO mice. Luthardt FW. **Dev Biol** 54(1):73–81, Nov 76

Cell aggregation rate versus aggregate size. Morris JE. **Dev Biol** 54(2):288–96, Dec 76

Aggregation of cells from early chick blastoderms. Sanders EJ, et al. **Differentiation** 6(1):1–11, 16 Mar 76

Feedback regulation of pancreatic enzyme secretion by intestinal trypsin in man. Ihse I, et al. **Digestion** 15(4):303–8, 1977

Distribution of cholecystokinin activity in the rat small intestine. Schneeman BO, et al. **Digestion** 15(1):28–33, 1977

Studies on the mitogenic activity of trypsin, pronase and neuraminidase on human peripheral blood lymphocytes. Girard JP, et al. **Eur J Clin Invest** 6(5):347–53, 10 Sep 76

Mouse immunoglobulin receptors on lymphocytes: identification of IgM and IgD molecules by tryptic cleavage and a postulated role for cell surface IgD. Bourgois A, et al. **Eur J Immunol** 7(4):210–3, Apr 77

Antigen recognition by T cells activated in the mixed lymphocyte reaction: specific binding of allogeneic cell material after removal of surface-bound antigen by trypsin. Elliott BE, et al. **Eur J Immunol** 7(5):287–91, May 77

Spontaneous, augmentable cell-mediated cytotoxicity with limited target cell specificity in human blood. Saksela E, et al. **Eur J Immunol** 7(3):126–30, Mar 77

Radioimmunoassay of the phagocytosis-stimulating peptide tuftsin in normal and splenectomized subjects. Spirer Z, et al. **Eur J Immunol** 7(2):69–74, Feb 77

The mechanisms of appearance of viral glycoproteins at the cell surface membrane. Ehrnst A, et al. **Exp Cell Biol** 44(3–6):198–225, 1976

Prostaglandin E1 as an intercellular regulator of cyclic AMP levels. Tomasi V. **Exp Cell Biol** 44(3–6):260–77, 1976

Effects of db-cAMP and theophylline on Concanavalin A binding site distribution on transformed and protease-treated cell lines. Borysenko JZ, et al. **Exp Cell Res** 107(2):253–60, Jul 77

Protease activation of G1 nuclei isolated from Chinese hamster fibroblasts. Brown RL, et al. **Exp Cell Res** 104(1):207–13, Jan 77

Temperature-sensitive hamster cell line with altered membrane properties. Ceri H, et al. **Exp Cell Res** 104(2):389–98, Feb 77

Skeletal myogenesis. Control of proliferation in a normal cell lineage. Dienstman SR, et al. **Exp Cell Res** 107(2):355–64, Jul 77

A fusion-promoting macromolecular factor in muscle conditioned medium. Doering JL, et al. **Exp Cell Res** 105(2):437–43, 15 Mar 77

Decondensation of sperm nuclei in vitro. Gall WE, et al. **Exp Cell Res** 102(2):349–58, 15 Oct 76

Cell spreading factor. Occurrence and specificity of action. Grinnell F. **Exp Cell Res** 102(1):51–62, 1 Oct 76

Stimulation of a subpopulation of hamster lymphoid cells by trypsin and chymotrypsin. Hart DA, et al. **Exp Cell Res** 102(2):246–52, 15 Oct 76

Differential effect of trypsin and trypsin inhibitors on lipopolysaccharide stimulation of hamster lymphoid cells. Hart DA, et al. **Exp Cell Res** 107(2):434–9, Jul 77

Poly(U) binding to ascites cells of the 13762A rat mammary adenocarcinoma. Evidence for a protein receptor on the cell surface. Kocemba-Sliwowska U, et al. **Exp Cell Res** 108(2):349–64, Sep 77

Contact-mediated changes in cycloheximide-induced agglutinability of BHK cells. Logothetou H, et al. **Exp Cell Res** 104(2):434–9, Feb 77

Binding of concanavalin A by normal, herpes virus-transformed, and trypsin-treated hamster embryo fibroblasts. Marquez ED. **Exp Cell Res** 101(2):425–9, Sep 76

Sodium periodate stimulation of normal and chronic

lymphocytic leukemia lymphocytes. II. The use of neuraminidase and trypsin to probe the nature of the response. Monahan TM, et al. **Exp Cell Res** 103(2):263–9, Dec 76

Further studies on the mechanism involved in differential staining of BUdR–substituted Vicia faba chromosomes. Scheid W, et al. **Exp Cell Res** 108(2):440–4, Sep 77

On the reinitiation of cell growth in culture. Skehan P, et al. **Exp Cell Res** 101(2):315–22, Sep 76

Effects of trypsin on protein synthesis in macrophages. Ulrich F. **Exp Cell Res** 101(2):267–77, Sep 76

Regulation of cap formation by concanavalin A and differentiation of myeloid leukemic cells. Vlodavsky I, et al. **Exp Cell Res** 101(2):323–30, Sep 76

Is the movement of single cells within solid tissue masses induced by trypsinization? Wiseman LL, et al. **Exp Cell Res** 103(2):426–31, Dec 76

Cell surface changes associated with aging of chick embryo fibroblasts in culture. Yamamoto K, et al. **Exp Cell Res** 108(1):87–93, Aug 77

Adenylate cyclase activation by trypsin in KB cell cultures. Guiraud-Simplot A, et al. **Experientia** 33(7):899–901, 15 Jul 77

Effect of trypsin, S-adenosylmethionine and ethionine on L-serine sulfhydrase activity. Koraćević D, et al. **Experientia** 33(8):1010–1, 15 Aug 77

A deinhibitor protein neutralizing the effect of the protein inhibitors on dog liver phosphorylase phosphatase. Defreyn G, et al. **FEBS Lett** 79(1):125–8, 1 Jul 77

The induction of a high resistance to 3-(3,4-dichlorophenyl-1,1-dimethylurea (DCMU) of oxygen evolution in spinach chloroplasts by trypsin treatment. Renger G. **FEBS Lett** 69(1):225–30, 15 Oct 76

Trypsin-susceptibility of UDP-glucuronyltransferase. Wilkinson J, et al. **FEBS Lett** 75(1):138–40, 15 Mar 77

Thermostable inhibitor(s) of pyruvate dehydrogenase complex from Streptococcus faecalis. Yamazaki A, et al. **FEBS Lett** 74(1):62–6, 15 Feb 77

Interaction of lectins with surface membrane receptors of animal cells. I. Factors responsible for agglutinability of human, rabbit, and sheep erythrocytes with concanavalin A. Haškovec C, et al. **Folia Biol (Praha)** 22(4):225–34, 1976

Evidence that pancreatic proteases enhance vitamin B12 absorption by acting on curde preparations of hog gastric intrinsic factor and human gastric juice. Toskes PP, et al. **Gastroenterology** 72(1):31–6, Jan 77

Hormonal action of 1-methyladenine: the effect of enzymatic digestion of intact starfish oocytes on the induction of meiosis. Jeffery WR. **Gen Comp Endocrinol** 31(3):259–69, Mar 77

Activation of chymotrypsinogen by boar acrosin and its prevention by antiboar acrosin rabbit gamma-globulins. Borhan GS, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1229–33, Sep 76

A precursor of kinins in the gastric mucus. Geiger R, et al. **Hoppe Seylers Z Physiol Chem** 358(7):931–3, Jul 77

Influence of DEAE-dextran treatment and cellular 'age' on infection by herpes simplex virus DNA. Laithier M, et al. **IARC Sci Publ** (11 Pt 1):85–90, 1975

Cell surface receptors and lymphocyte migration. Schlesinger M. **Immunol Commun** 5(9):775–93, 1976 (54 ref.)

The effect of trypsin and chymotrypsin on the bactericidal activity and specific antibody activity of bovine colostrum. Brock JH, et al. **Immunology** 32(2):207–13, Feb 77

The effect of limited proteolysis by trypsin and chymotrypsin on bovine colostral IgG1. Brock JH, et al. **Immunology** 32(2):215–9, Feb 77

Relationship between E receptors and a T-specific surface antigen on human T cells. Gattringer C, et al. **Immunology** 32(2):199–205, Feb 77

Protein phosphokinases and mode of action of guanosine 3',5'-monophosphate. pp. 139–52. Nishizuka Y, et al. **In: Criss WE, et al., ed. Control mechanisms in cancer. New York, Raven Press, 1976. W1 PR667M v.1 1976.** (46 ref.)

FSH receptors in rat testis: chemical properties and solubilization studies. pp. 201–20. Bhalla VK, et al. **In: Dufau ML, Means AR, ed. Hormone binding and target cell activation in the testis. New York, Plenum Press, 1974.**

Characteristics of soluble gonadotropin receptors for LH and HCG. pp. 47–77. Dufau ML, et al. **In: Dufau ML, Means AR, ed. Hormone binding and target cell activation in the testis. New York, Plenum Press, 1974.**

The migration of lymphocytes across vascular endothelium. pp. 248–50. Ford WL, et al. **In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.**

Stimulating effect of neutral proteases on cells in vitro. pp. 180–2. Vischer TL, et al. **In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.**

Characteristics of rat normal mammary epithelial cells and dimethylbenzanthracene-induced mammary adenocarcinoma cells grown in monolayer culture. Cohen LA, et al. **In Vitro** 10:51–62, Jul-Aug 74

Spontaneous contractions of dispersed vascular muscle in cell culture. Hermsmeyer K, et al. **In Vitro** 12(9):628–34, Sep 76

Reanimation of cultured mamalian myocardial cells during multiple cycles of trypsinization-freezing-thawing. Kasten FH, et al. **In Vitro** 9(4):246–52, Jan-Feb 74

Pancreatic enzyme requirements for the dissociation of rat hearts for culture. Speicher DW, et al. **In Vitro** 10:30–41, Jul-Aug 74

To disaggregate or not to disaggregate injury and cell disaggregation, transient or permanent? Waymouth C. **In Vitro** 10:97–111, Jul-Aug 74

New cell line derived from a human chondrosarcoma. Winters WD, et al. **In Vitro** 10:70–6, Jul-Aug 74

Requirements for ingestion of Chlamydia psittaci by mouse fibroblasts (L cells). Byrne GI. **Infect Immun** 14(3):645–51, Sep 76

Binding of bacterial endotoxin to murine spleen lymphocytes. Kabir S, et al. **Infect Immun** 15(1):156–64, Jan 77

Common (non-type-specific) antigens of group A streptococci. Lyampert IM, et al. **Infect Immun** 17(1):21–7, Jul 77

Hemagglutination by equine infectious anemia virus. Sentsui H, et al. **Infect Immun** 14(2):325–31, Aug 76

Pyocin sensitivity of Neisseria gonorrhoeae and its feasibility as an epidemiological tool. Sidberry HD, et al. **Infect Immun** 15(2):628–37, Feb 77

Agglutination reactions of spontaneous canine tumour cells, induced by concanavalin A, demonstrated by an isotopic assay. Betton GR. **Int J Cancer** 18(5):687–96, 15 Nov 76

Surface membrane changes in lymphocytes from patients with infectious mononucleosis. Mintz U, et al. **Int J Cancer** 19(3):345–50, 15 Mar 77

Effect of human leukocyte interferon on the growth of human osteosarcoma cells in tissue culture. Strander H, et al. **Int J Cancer** 19(4):468–73, 15 Apr 77

Markers to distinguish normal and neoplastic mammary epithelial cells in vitro: comparison of saturation density, morphology and concanavalin A reactivity. Voyles BA, et al. **Int J Cancer** 18(4):498–509, 15 Oct 76

Studies on a protamine (galline) from fowl sperm. 3. The total amino acid sequence of intact galline molecule. Nakano M, et al. **Int J Pept Protein Res** 8(6):565–78, 1976

A study of proteinase inhibition by simulation of inhibitor reactive site regions: interaction of the C-terminal undecapeptide of ovein prolactin with some proteinases. Rigbi M, et al. **Int J Pept Protein Res** 9(4):272–6, 1977

Partial characterization of in vivo chemotactic activity: comparison to human C5a. Robinson LD, et al. **J Allergy Clin Immunol** 59(5):353–8, May 77

The pig synovium, II. Some properties of isolated intimal cells. Barratt ME, et al. **J Anat** 123(1):47–66, Feb 77

Conversion by trypsin of nonsense suppressor-produced isozymes of triosephosphate isomerase to isozymes resembling the wild type. Baptist JN, et al. **J Bacteriol** 131(2):682–4, Aug 77

Factors affecting genetic transformation of Neisseria gonorrhoeae. Biswas GD, et al. **J Bacteriol** 129(2):983–92, Feb 77

Inhibitory protein controls the reversion of protoplasts and L forms of Bacillus subtilis to the walled state. DeCastro-Costa MR, et al. **J Bacteriol** 129(2):678–89, Feb 77

Binding of plant lectins to mycoplasma cells and membranes. Kahane I, et al. **J Bacteriol** 128(1):1–7, Oct 76

Glutathione reductase in the sea urchin egg. III. Activation of the complex form by proteinases. Ichio II. **J Biochem (Tokyo)** 81(3):673–80, Mar 77

Distribution of hepatic sulfite oxidase among subcellular organelles and its intraorganelle localization. Ito A, et al. **J Biochem (Tokyo)** 81(5):1531–41, May 77

Renal angiotensin I-converting enzyme as a mixture of sialo- and asialo-enzyme, and a rapid purification method. Oshima G, et al. **J Biochem (Tokyo)** 80(3):477–83, Sep 76

Further studies on the mechanism of adrenaline-induced lipolysis in lipid micelles. Saito Y, et al. **J Biochem (Tokyo)** 80(5):929–34, Nov 76

A latent collagenase from embryonic human skin explants. Shinkai H, et al. **J Biochem (Tokyo)** 81(5):1261–8, May 77

ATP-dependent calcium transport in isolated membrane vesicles from Azotobacter vinelandii. Bhattacharyya P, et al. **J Biol Chem** 251(18):56–14–9, 25 Sep 76

Inhibition and inactivation of bovine mammary and liver

UDP-galactose-4-epimerases. Geren CR, et al. **J Biol Chem** 252(6):2089–94, 25 Mar 77

Activation of rat adipocyte glycogen synthase by insulins. Lawrence JC Jr, et al. **J Biol Chem** 252(2):444–50, 25 Jan 77

Restoration of calcium transport in the trypsin-treated (Ca++ Mg2+)-dependent adenosine triphosphatase of sarcoplasmic reticulum exposed th sodium dodecyl sulfate. MacLennan DH, et al. **J Biol Chem** 251(22):7271–4, 25 Nov 76

Energy-dependent calcium uptake activity in cultured mouse fibroblast microsomes. Regulation of the uptake system by cell density. Moore L, et al. **J Biol Chem** 252(18):6304–9, 25 Sep 77

Analysis of the structure of T4 bacteriophage-modified valyl-tRNA synthetase by limited proteolysis and isoelectric focusing. Müller UR, et al. **J Biol Chem** 252(19):6646–50, 10 Oct 77

Studies on sulfhydryl group modification of mitochondrial pyridine dinucleotide transhydrogenase. O'Neal SG, et al. **J Biol Chem** 252(13):4552–6, 10 Jul 77

Mitogen receptors in chick embryo fibroblasts. Kinetics, specificity, unmasking, and synthesis of 125I-insulin binding sites. Raizada MK, et al. **J Biol Chem** 251(20):6445–55, 25 Oct 76

In vitro uptake of vitamin A from the retinol-binding plasma protein to mucosal epithelial cells from the monkey's small intestine. Rask L, et al. **J Biol Chem** 251(20):6360–6, 25 Oct 76

Properties of dihydroxyacetone phosphate acyltransferase in the harderian gland. Rock CO, et al. **J Biol Chem** 252(18):6363–6, 25 Sep 77

Distribution of anionic sites on the oviduct ciliary membrane. Anderson RG, et al. **J Cell Biol** 72(2):482–92, Feb 77

Changes in the topography of the sea urchin egg after fertilization. Eddy EM, et al. **J Cell Biol** 71(1):35–48, Oct 76

Developmental decline in DNA repair in neural retina cells of chick embryos. Persistent deficiency of repair competence in a cell line derived from late embryos. Karran P, et al. **J Cell Biol** 74(1):274–86, Jul 77

An ultrastructural study of cross-fertilization (Arbacia female x Mytilus male). Longo FJ. **J Cell Biol** 73(1):14–26, Apr 77

Muscle actin filaments bind pituitary secretory granules in vitro. Ostlund RE, et al. **J Cell Biol** 73(1):78–87, Apr 77

Adhesion of phospholipid vesicles to Chinese hamster fibroblasts. Role of cell surface proteins. Pagano RE, et al. **J Cell Biol** 74(2):531–46, Aug 77

Putrescine transport is greatly increased in human fibroblasts initiated to proliferate. Pohjanpelto P. **J Cell Biol** 68(3):512–20, Mar 76

Identification of a sperm receptor on the surface of the eggs of the sea urchin Arbacia punctulata. Schmell E, et al. **J Cell Biol** 72(1):35–46, Jan 77

Growth and biochemical characteristics of a detachment variant of CHO cells. Atherly AG, et al. **J Cell Physiol** 90(3):375–85, Mar 77

Serum-stimulated phosphate uptake and initiation of fibroblast proliferation. Breenberg DB, et al. **J Cell Physiol** 90(2):193–210, Feb 77

The repair of the surface structure of animal cells. Buck CA, et al. **J Cell Physiol** 89(2):187–200, Oct 76

Pentose utilizing variants of Novikoff hepatoma cells: modification of growth and morphological properties. Hoffee P, et al. **J Cell Physiol** 91(1):39–50, Apr 77

The adhension of Chinese hamster cells. I. Effects of temperature, metabolic inhibitors and proteolytic dissection of cell surface macromolecules. Juliano RL, et al. **J Cell Physiol** 92(2):209–20, Aug 77

Proteases stimulate proliferation of human fibroblasts. Pohjanpelto P. **J Cell Physiol** 91(3):387–92, Jun 77

Electrophoretic mobility of microsomes from rat liver. Blad D, et al. **J Cell Sci** 23:285–97, Feb 77

Species-specific aggregation factor in sponges. VI. Aggregation receptor from the cell surface. Müller WE, et al. **J Cell Sci** 21(2):227–41, Jul 76

Different cation requirements for aggregation of BHK cells and their transformed derivatives. Urushihara H, et al. **J Cell Sci** 22(3):685–95, Dec 76

Substrate retention of fractured retraction fibres during detachment of trypsinized BHK21 fibroblasts. Whur P, et al. **J Cell Sci** 24:265–73, Apr 77

Quantitative electronic analysis of normal and transformed BHK21 fibroblast aggregation. Whur P, et al. **J Cell Sci** 23:193–209, Feb 77

Prostaglandin F2alpha binding sites in human corpora lutea. Rao CV, et al. **J Clin Endocrinol Metab** 44(6):1032–7, Jun 77

Adenylate cyclase of human fat cell ghosts. Stimulation of enzyme activity by parathyroid hormone. Kather H, et al. **J Clin Invest** 59(4):730–3, Apr 77

Purification of high molecular weight kininogen and the role of this agent in blood coagulation. Saito H. **J Clin Invest** 60(3):584–94, Sep 77

Isolation and ultrastructural characterization of fine spirals (spirosomes) from Lactobacillus brevis. Kawata T, et al. **J Electron Microsc (Tokyo)** 25(4):283–8, 1976

Inhibition of T-antigen-binding cells by idiotypic antisera. Prange CA, et al. **J Exp Med** 146(3):766–78, 1 Sep 77

In vitro stimulation of lymphocytes by neutral proteinases from human polymorphonuclear leukocyte granules. Vischer TL, et al. **J Exp Med** 144(4):863–72, 1 Oct 76

The reaquisition of cell adhesiveness following tissue disaggregation by eleven different agents. Wiseman LL, et al. **J Exp Zool** 197(3):429–33, Sep 76

Demonstration of trypsin-sensitive antigenic determinants common to the intact virus particle and the 12S subunit of the Uga 6/70 strain of foot-and-mouth disease virus type SAT 2. Booth JC. **J Gen Virol** 34(3):551–5, Mar 77

Tryptic cleavage of antibody binding sites from hepatitis B surface antigen particles. Burrell CJ, et al. **J Gen Virol** 33(1):41–50, Oct 76

An antigenically atypical strain of variola virus. Marennikova SS, et al. **J Gen Virol** 33(3):513–5, Dec 76

Expression of virus structural proteins on murine cell surfaces in association with the production of murine leukaemia virus. O'Brien SJ, et al. **J Gen Virol** 33(2):355–60, Nov 76

Studies on the membrane glycoprotein defect of En(a–) erythrocytes. II. MN antigenic properties of En(a–) erythrocytes. Dahr W, et al. **J Immunogenet** 3(6):383–93, Dec 76

Mouse factor B of the alternative pathway of complement activation. I. Purification, characterization, and functional behavior. Bitter-Suermann D, et al. **J Immunol** 117(5 Pt.2):1799–804, Nov 76

Studies on receptors for IgG on epithelial cells of the rat intestine. Borthistle BK, et al. **J Immunol** 119(2):471–6, Aug 77

Activation of the classical complement pathway by Fc fragment of human IgA. Burritt MF, et al. **J Immunol** 118(2):723–5, Feb 77

Structural studies on induced antibodies with defined idiotypic specificities. V. The complete amino acid sequence of the light chain variable regions of anti-p-azophenylarsonate antibodies from A/J mice bearing a cross-reactive idiotype. Capra JD, et al. **J Immunol** 119(3):993–9, Sep 77

Recovery of soluble sheep erythrocyte receptor from the T lymphocyte surface by proteolytic cleavage. Chisari FV, et al. **J Immunol** 118(4):1138–42, Apr 77

Target cell-substratum interaction. II. Complement-dependent antibody-induced inhibition of adherence. David GS, et al. **J Immunol** 119(2):500–3, Aug 77

Antigen handling by guinea pig macrophages: further evidence for the sequestration of antigen relevant for activation of primed T lymphocytes. Ellner JJ, et al. **J Immunol** 118(6):2053–7, Jun 77

Modification of H-2 antigenic sites by enzymatic treatment influences virus-specific target cell lysis. Ertl HC, et al. **J Immunol** 117(6):2112–8, Dec 76

Human T lymphocyte receptors for sheep red blood cells and specific antigens: are they identical sites on the cell membrane? Galili U, et al. **J Immunol** 119(1):104–9, Jul 77

Binding of IgE myeloma proteins to human cultured lymphoblastoid cells. Gonzalez-Molina A, et al. **J Immunol** 117(5 Pt.2):1838–45, Nov 76

On the mechanism of cell membrane damage by complement: evidence on insertion of polypeptide chains from C8 and C9 into the lipid bilayer of erythrocytes. Hammer CH, et al. **J Immunol** 119(1):1–8, Jul 77

Interactions between human lymphocytes and paramyxovirus-infected cells: adsorption and cytotoxicity. Härfast B, et al. **J Immunol** 118(4):1132–7, Apr 77

A functional comparison of human Fc-receptor-bearing lymphocytes active in natural cytotoxicity and antibody-dependent cellular cytotoxicity. Kay HD, et al. **J Immunol** 118(6):2058–66, Jun 77

Kinetic studies on the fragmentation of the third component of complement (C3) by trypsin. Minta JO, et al. **J Immunol** 118(6):2192–8, Jun 77

Characterization of macrophage migration inhibitory factor activity produced in vivo by a cell-mediated immune reaction in the guinea pig. Postlethywaite AE, et al. **J Immunol** 117(5 Pt 1):1716–20, Nov 76

Antigen-binding lymphocytes in guinea pigs. I.B cell expansion to the monovalent antigen L-tyrosine-p-azophenyl trimethylammonium (tyr(TMA))

in the absence of antibody production. Prange CA, et al. **J Immunol** 118(4):1311–6, Apr 77

Relationship between the C5 peptides chemotactic for leukocytes and tumor cells. Romualdez AG, et al. **J Immunol** 117(5 Pt.2):1762–6, Nov 76

Pathways of human B lymphocyte differentiation: a clonal transition between IgM and IgG synthesis in leukemic B lymphocytes. Rudders RA, et al. **J Immunol** 119(1):283–6, Jul 77

Receptors for C3 on rat peritoneal mast cells. Sher A, et al. **J Immunol** 119(2):722–5, Aug 77

Trypsin-induced increase in intracellular cyclic AMP of lymphocytes. Shneyour A, et al. **J Immunol** 117(6):2143–9, Dec 76

Isolation and characterization of immunoregulatory factors from normal human serum. I. Preliminary biochemical and biological characterization of immunosuppressive factors. Voorting-Hawking M, et al. **J Immunol** 118(2):505–13, Feb 77

BCG-induced murine effector cells. II. Characterization of natural killer cells in peritoneal exudates. Wolfe SA, et al. **J Immunol** 119(3):1152–8, Sep 77

Quantitation of antibody-complement mediated lysis of tumor cells. Boyle MD, et al. **J Immunol Methods** 15(2):135–46, 1977

Adenyl cyclase in Bordetella pertussis vaccines. Hewlett EL, et al. **J Infect Dis** 136 Suppl:S216–9, Aug 77

Surface components affecting interactions between Neisserai gonorrhoeae and eucaryotic cells. Swanson J. **J Infect Dis** 136 Suppl:S138–43, Aug 77 (15 ref.)

Experimental production of rabbit anti-guinea-pig epidermal cell sera. Comparison to pemphigus antibodies. Takigawa M, et al. **J Invest Dermatol** 68(5):259–64, May 77

Separation of epidermal layers of the newborn rat. Walker GK, et al. **J Invest Dermatol** 68(2):105–7, Feb 77

Platelet-aggregating factor and the aggregation of fixed washed platelets. Cooper HA, et al. **J Lab Clin Med** 90(3):512–21, Sep 77

Detection of cytotoxic antibody to erythroblasts. Zaentz SD, et al. **J Lab Clin Med** 89(4):851–60, Apr 77

Evidence for a colon chalone. Houck JC, et al. **J Natl Cancer Inst** 56(5):899–902, May 76

Enzymatic susceptibility and spontaneous release of human melanoma tumor-associated antigens. Stuhlmiller GM, et al. **J Natl Cancer Inst** 58(2):215–21, Feb 77

Comparison of three isotopic assays of cell-mediated cytotoxicity against mouse tumor cells. II. Sensitivity and specificity of the assays and characteristics of effector and sensitizing cells. Ting CC, et al. **J Natl Cancer Inst** 58(2):331–7, Feb 77

Subcellular distribution of a heat-stable protein inhibitor of cyclic AMP-dependent protein kinase in rat brain. Roskoski R Jr, et al. **J Neurochem** 28(3):543–7, Mar 77

Phosphoprotein phosphatase of pineal gland: some properties of the enzyme and the identification of an endogenous activator. Yang HY, et al. **J Neurochem** 28(5):1075–80, May 77

Stereospecific opiate binding in human erythrocyte membranes and changes in heroin addicts. Abood LG, et al. **J Neurosci Res** 2(5–6):427–31, 1976

Partial purification of amastigotes from cutaneous lesions of American leishmaniasis. Childs GE, et al. **J Parasitol** 62(5):676–9, Oct 76

Lectin binding by trypanosoma equiperdum. Jackson PR. **J Parasitol** 63(1):8–14, Feb 77

Interbacterial aggregation of Actinomyces naeslundii and dental plaque streptococci. Ellen RP, et al. **J Periodont Res** 12(1):11–20, Jan 77

Prevention of fertilization by exposure of hamster eggs to soluble acrosin. Gwatkin RB, et al. **J Reprod Fertil** 50(2):359–61, Jul 77

Receptor activity of the hamster and mouse solubilized zona pellucida before and after the zona reaction. Gwatkin RBL, et al. **J Reprod Fertil** 49(1):55–9, Jan 77

Cell shape and hexose transport in normal and virus-transformed cells in culture. Bissell MJ, et al. **J Supramol Struct** 6(1):1–12, 1977

Structure and control of assembly of cytoplasmic microtubules in normal and transformed cells. Fuller GM, et al. **J Supramol Struct** 5(4):497(349)–514(366), 1976

Reversible inhibition of human peripheral lymphocyte DNA synthesis by an extract of breast cancer cell line SKBR-3. Lundy EG, et al. **J Surg Res** 22(6):654–9, Jun 77

Morphological changes of the surface of the eggs of Xenopus laevis in the course of development. 2. Cytokinesis and early cleavage. Denis-Donini S, et al. **J Ultrastruct Res** 57(1):104–12, Oct 76

An ultrastructural study of wheat germ agglutinin binding sites using glucose oxidase as a marker. François D, et al. **J Ultrastruct Res** 59(2):119–25, May 77

Intercellular junctions of oral epithelium. II. Ultrastructural changes in rat buccal epithelium induced by trypsin digestion. Shimono M, et al. **J Ultrastruct Res** 59(1):101–12, Apr 77

Infection of resistant avian cells by subgroup B Rous sarcoma virus. Linial M. **J Virol** 20(2):384–90, Nov 76

Transmembrane phospholipid motions induced by F glycoprotein in hemagglutinating virus of Japan. Maeda T, et al. **J Virol** 21(1):232–41, Jan 77

Analysis of precursors to the envelope glycoproteins of avian RNA tumor viruses in chicken and quail cells. Moelling K, et al. **J Virol** 22(3):598–607, Jun 77

Role of the pneumococcal autolysin (murein hydrolase) in the release of progeny bacteriophage and in the bacteriophage-induced lysis of the host cells. Ronda-Lain C, et al. **J Virol** 21(1):366–74, Jan 77

Effect of hypertonic medium on protein synthesis of Mahoney and LSc poliovirus. Tershak DR. **J Virol** 20(3):597–603, Dec 76

Binding of adenovirus to microtubules. II. Depletion of high-molecular-weight microtubule-associated protein content reduces specificity of in vitro binding. Weatherbee JA, et al. **J Virol** 21(2):732–42, Feb 77

The effect of pulse treatment of target cells with guinea pig lymphotoxin and the nature of its binding to target cells. Sawada J, et al. **Jpn J Exp Med** 47(2):93–8, Apr 77

Activation of therminal components of human complement by a trypsin-activated complex of human factor B and cobra venom factor. Miyama A, et al. **Jpn J Microbiol** 20(6):507–16, Dec 76

Catecholamine binding macromolecule in soluble fraction of rat brain. Inaba M, et al. **Jpn J Pharmacol** 27(2):213–25, Apr 77

Ca binding of intestinal smooth muscle myosin B. Matsumoto H, et al. **Jpn J Physiol** 26(6):671–80, 1976

Platelet aggregating material in mouse tumor cells. Removal and regeneration. Gasic GJ, et al. **Lab Invest** 36(4):413–9, Apr 77

A new factor that may control collagen resorption. Reynolds JJ, et al. **Lancet** 2(8033):333–5, 13 Aug 77

Comparative effect of trypsin and chymotrypsin on blood group antigens. Judson PA, et al. **Med Lab Sci** 34(1):1–6, Jan 77

Action of some pancreatic enzymes on Vibrio cholerae. Felsenfeld O, et al. **Med Microbiol Immunol (Berl)** 163(1):53–60, 18 May 77

XC cell fusion by murine leukemia viruses: fusion from without. Ogura H. **Med Microbiol Immunol (Berl)** 162(3–4):175–81, 1 Dec 76 (Eng. Abstr.)

G- and C-bands in human chromosomes treated with snake venoms. Garcia Ruiz IR, et al. **Mem Inst Butantan** 39:123–33, 1975

Changes in the collagenolytic activity released by primary VX-2 carcinoma cultures as a function of tumor growth. Dabbous MK, et al. **Mol Cell Biochem** 16(1):37–42, 31 May 77

Effects of trypsin and phospholipases A2 and C on enzyme organization in testis microsomes. Bussmann L, et al. **Mol Cell Endocrinol** 6(2):91–104, Dec 76

Initiation of check cell division by trypsin action at the cell surface. Carney DH, et al. **Nature** 268(5621):602–6, 18 Aug 77

Chemical structure of attachment sites for viruses on human erythrocytes. Enegren BJ, et al. **Nature** 268(5620):536–7, 11 Aug 77

Chromatin core particle unfolding induced by tryptic cleavage of histones. Lilley DM, et al. **Nucleic Acids Res** 4(6):2039–55, Jun 77

On the role of tumor cell surface in the accumulation of radioisotopes. Anghileri LJ, et al. **Nuklearmedizin** 15(5):242–5, Oct 76

Cell coat in tumor cells -- effects of trypsin and EDTA: a biochemical and morphological study. Anglhileri LJ, et al. **Oncology** 33(1):17–23, 1976

Isolation of host-cell nuclei from chick intestinal cells infected with second-generation schizonts of Eimeria necatrix. Fernando MA, et al. **Parasitology** 74(1):27–32, Feb 77

Partial purification of the ovarian oviposition-inducing factor and estimation of its chemical nature. Tanaka K, et al. **Poult Sci** 55(5):1774–8, Sep 76

Protease effects on specific growth properties of normal and transformed baby hamster kidney cells. Brown M, et al. **Proc Natl Acad Sci USA** 74(7):2874–8, Jul 77

Acute gamma-irradiation-induced mortality in chickens. I. Mechanism of resistance afforded by pretreatment with cyclophosphamide or sublethal irradiation. Palladino MA, et al. **Proc Soc Exp Biol Med** 155(2):209–15, Jun 77

The effect of pH on stereospecific opiate binding to mouse

brain membranes. Smith AP.
Res Commun Chem Pathol Pharmacol 17(3):375–98, Jul 77

Subsynaptosomal localization and biochemical characterization of serotonin binding sites in the brain. Ungar F, et al. **Res Commun Chem Pathol Pharmacol** 15(3):409–24, Nov 76

Protease–induced constriction in rats' bronchi. Iravani J, et al. **Respiration** 34(1):39–44, 1977

Pancreatic extract and the intestinal uptake of vitamin B12. II. Inhibitory effect of trypsin and trypsinogen. Von der Lippe G, et al. **Scand J Gastroenterol** 12(2):177–82, 1977

In vitro platelet stain preventing (degranulating) effect of various substances, Study of mechanism of action. Stavem P, et al. **Scand J Haematol** 18(2):170–6, Feb 77

Potentiation of the macrophage response to migration inhibition factor from fetal calf serum by blood group substances with human H activity. Fox RA, et al.
Scand J Immunol 5(8):941–7, 1976

Factor B of the alternative complement pathway on human lymphocytes. Halbwachs L, et al. **Scand J Immunol** 5(6–7):697–704, 1976

IgG on infants' B lymphocytes: enhanced binding of IgG by Ig M–bearing lymphoid cells in early childhood. Siegal FP. **Scand J Immunol** 5(6–7):721–9, 1976

Effect of enzyme treatment of Chrithidia luciliae on the reactivity of its kinetoplast with anti–DNA sera. Jonsson J, et al. **Scand J Rheumatol** 5(4):221–6, 1976

Assay of the esterase activity of thrombin, plasmin and trypsin with a chromogenic substrate p–nitrobenzyl p–toluenesulfonyl–l–arginine. Aogaichi T, et al.
Thromb Haemostas 37(2):253–61, 30 Apr 77

A comparative ex vivo study of plasminogen activators and proteases for fibrinolytic activity and side effects in rabbits. Janik BA, et al. **Thromb Haemostas** 37(1):154–61, 28 Feb 77

Effects of trypsin on the platelet–aggregating activity of mouse tumor cells. Gasic GJ, et al. **Thromb Res** 10(1):33–45, Jan 77

Association between HLA determinants and complement receptors on human lymphocytes. Galili U, et al.
Tissue Antigens 10(2):99–107, Aug 77

On the agglutinogens of red cells developed with proteolytic enzymes and neuraminidase. Sagisaka K, et al.
Tohoku J Exp Med 120(2):169–75, Oct 76

Action of styrene and its metabolites sytrene oxide and styrene glycol on activities of xenobiotic biotransformation enzymes in rat liver in vivo. Parkki MG, et al.
Toxicol Appl Pharmacol 38(1):59–70, Oct 76

The parvovirus MVM: a comparison of heavy and light particle infectivity and their density conversion in vitro. Clinton GM, et al. **Virology** 74(1):57–63, 1 Oct 76

Partial purification and characterization of the potato virus Y helper component. Govier DA, et al. **Virology** 78(1):306–14, 1 May 77

A plasma membrane component able to bind and alter virions of poliovirus type 1: studies on cell–free alteration using a simplified assay. Guttman N, et al. **Virology** 82(1):25–36, 1 Oct 77

Viral DNA synthesis in vitro with nuclei isolated from adeno–associated virus type 1–infected cells. Handa H, et al. **Virology** 77(1):424–8, Mar 77

Further characterization of deoxyribonucleases from vaccinia virus. Pogo BG, et al. **Virology** 77(1):56–66, Mar 77

Functional analysis of the interactions between reovirus particles and various proteases in vitro. Sargent MD, et al. **Virology** 78(1):354–8, 1 May 77

[In vitro phagocytosis of Salmonella typhimurium strains following treatment with various chemical substances] Velianov D, et al. **Acta Microbiol Virol Immunol (Sofiia)** 4:66–71, 1976 (Eng. Abstr.) **(Bul)**

[Purification and some properties of 'Clostridium perfringens' delta toxin (author's transl)] Tixier G, et al.
Ann Microbiol (Paris) 127B(4):509–24, Nov–Dec 76 (Eng. Abstr.) **(Fre)**

[Comparison of the immunogenic potencies of purified inactivated foot–and–mouth disease virus particles with variable amounts of VP1 protein (author's transl)] Bernard S, et al. **Ann Rech Vet** 8(1):79–94, 1977 (Eng. Abstr.) **(Fre)**

[Changes in the enzyme properties of adenyl cyclase in KB cells as a function of the development of the culture] Guiraud–Simplot A, et al. **C R Acad Sci [D] (Paris)** 283(1):93–6, 5 Jul 76 **(Fre)**

[Inhibitory capacity of serum as regards trypsin. Variations in decrease during catheterization by biliary and/or pancreatic route (letter)] Leger L, et al.
Nouv Presse Med 6(27):2436, 2–9 Jul 77 **(Fre)**

[Testing the restoration of rosettes on normal trypsinized lymphocytes: application in certain hemopathies] Hainaut J, et al. **Nouv Rev Fr Hematol Blood Cells** 18(1):257–9, 1977 **(Fre)**

[Agglutination of the red blood cells after experimental glycolytic alteration] Halbhuber KJ, et al.
Folia Haematol (Leipz) 104(1):85–97, 1977 (Eng. Abstr.) **(Ger)**

[Hemagglutinating activity of various viruses on trypsinized erythrocytes] Pugliese A, et al.
G Batteriol Virol Immunol 69(1–6):78–84, Jan–Jun 76 (Eng. Abstr.) **(Ita)**

[A study on vascular changes of the retina by trypsin digestion method, especially in reference to the mechanism of microaneurysmal formation (author's transl)] Sugawara H. **Acta Soc Ophthalmol Jpn** 80(12):1658–67, 10 Dec 76 (Eng. Abstr.) **(Jpn)**

[Studies on the regulatory factors of 3–hydroxy–3–methylglutaryl CoA reductase (HMG CoA reductase) activity] Ozasa S. **Hokkaido J Med Sci** 51(4):313–25, Jul 76 (Eng. Abstr.) **(Jpn)**

[Scanning electron microscope study on the removal of artificial dental plaque treated with a bacteriolytic enzyme from Streptomyces globisporus––its synergistic effects with dextranase and lysozyme (author's transl)] Inoue M, et al.
J Dent Health (Tokyo) 24(4):315–21, Dec 74 (Eng. Abstr.) **(Jpn)**

[A molecular basis for the variations in virulence of Newcastle disease virus (author's transl)] Nagai Y.
Protein Nucleic Acid Enzyme (Tokyo) 22(5):385–95, May 77 (51 ref.) **(Jpn)**

[PHA transformation of coelomocytes of Lubricus terrestris] Toupin J, et al. **Ann Immunol (Paris)** 128(1–2):29–32, Jan–Mar 77 (Eng. Abstr.) **(Rus)**

[Penetration of antibiotics into experimental foci of inflammation under the influence of proteolytic enzymes] Geĭtman IIa, et al. **Antibiotiki** 21(10):927–32, Oct 76 (Eng. Abstr.) **(Rus)**

[Preservation of differences in the degree of polymerization of actin, isolated at different stages of ontogenesis after its purification] Khaĭtlina SIu, et al. **Biokhimiia** 41(5):787–93, May 76 (Eng. Abstr.) **(Rus)**

[Effect of detergents and proteolytic enzymes on membrane–bound phosphohydrolases in Escherichia coli cells with repressed and depressed biosynthesis of these enzymes] Nesmeianova MA, et al. **Biokhimiia** 41(7):1256–62, 1976 (Eng. Abstr.) **(Rus)**

[Mechanism of insulin influence on frog skeletal muscle respiration (Rana tempraria)] Nikol'skiĭ NN, et al.
Dokl Akad Nauk SSSR 232(2):470–3, 11 Feb 77 **(Rus)**

[Proteolytic enzymes, their inhibitors and the state of bone regeneration] Gostishchev VK, et al.
Eksp Khir Anesteziol (3):48–51, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Inhibition of the activity of human serum cholinesterase by aminoalkyl benzenesulfonyl fluorides] Kleking GP, et al.
Farmakol Toksikol 39(3):265–8, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Specificity of the effect of thrombin on the chemoreceptors of the frog carotid labyrinth] Solodenko NM, et al.
Fiziol Zh SSSR 63(3):411–6, Mar 77 (Eng. Abstr.) **(Rus)**

[1 of the molecular factors of development of compensatory myocardial hypertrophy] Oganesian SS, et al.
Kardiologiia 17(3):103–8, Mar 77 (Eng. Abstr.) **(Rus)**

[Influence of proteolytic enzymes on the mycobacteria and Staphylococcus aureus and on their drug resistance] Ershova LIa, et al. **Probl Tuberk** (5):73–8, May 77 (Eng. Abstr.) **(Rus)**

[Effect of proteolytic enzymes on the antitrypsin activity of blood serum in the postoperative period] Geĭtman IIa, et al. **Vopr Med Khim** 22(6):791–5, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[Blood coagulating properties of immobilized proteases] Zubairov DM, et al. **Vopr Med Khim** 22(2):187–91, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[Interaction of group A streptococci with a culture of HEp–2 cells] Grabovskaia KB, et al.
Zh Mikrobiol Epidemiol Immunobiol (2):32–6, Feb 77 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Exocrine pancreatic insufficiency syndrome in CBA/J mice. Ultrastructural study. Eppig JJ, et al. **Am J Pathol** 86(1):17–30, Jan 77

[The genetics of the protease inhibitor system and osteospongiosis. Statistical study in 199 patients] Martin JP, et al. **Ann Otolaryngol Chir Cervicofac** 93(12):733–6, Dec 76 (Eng. Abstr.) **(Fre)**

[Acute pancreatitis. Aspects of the pathophysiology (author's transl)] Amundsen E. **Leber Magen Darm** 6(4):199–205, Aug

76 (Ger)

RADIATION EFFECTS

Gamma-irradiated chymotrypsin-like proteins. I. Structural changes. Bezrukova AG, et al. **Int J Radiat Biol** 31(2):131-44, Feb 77

Evaluating the stability and reactivity of a light-sensitive probe by enzyme analysis. Tometsko AM, et al. **Photochem Photobiol** 24(6):579-85, Dec 76

Investigations on radical formation and inactivation of suspended trypsin after gamma-irradiation. Nemec HW, et al. **Radiat Environ Biophys** 14(2):137-45, 29 Jul 77

SECRETION

Effect of bile duct obstruction on pancreatic enzyme secretion and intestinal proteolytic enzyme activity in the rat. Green G, et al. **Am J Dig Dis** 22(5):437-44, May 77

Effect of pirenzepine, a new gastric acid-inhibiting agent, on exocrine pancreatic secretion in man. Brunner H, et al. **Arzneim Forsch** 27(3):684-7, 1977

Digestive processes of haematophagous insects. XII. Secretion of trypsin and carboxypeptidase B gy Glossina morsitans morsitans Westwood (Diptera: Glossinidae). Gooding RH. **Can J Zool** 55(1):215-22, Jan 77

Study of glucagon secretion using in vitro perifusion of rat pancreas pieces. Assan R, et al. **Diabete Metab** 1(2):101-11, Jun 75

Study of glucagon secretion using in vitro perifusion of rat pancreas pieces. Assan R, et al. **Diabete Metab** 1(2):101-11, Jun 75

Prospective evaluation of the pancreatic secretion of immunoreactive carcinoembryonic antigen, enzyme, and bicarbonate in patients suspected of having pancreatic cancer. DiMagno EP, et al. **Gastroenterology** 73(3):457-61, Sep 77

Exocrine pancreatic insufficiency syndrome in CBA/J mice. III. Pathological and genetic analysis. Leiter EH, et al. **Gastroenterology** 73(2):260-6, Aug 77

Gastric emptying of liquid meals and pancreatic and biliary secretion after subtotal gastrectomy or truncal vagotomy and pyloroplasty in man. MacGregor I, et al. **Gastroenterology** 72(2):195-205, Feb 77

Exocrine pancreatic function in juvenile-onset diabetes mellitus. Frier BM, et al. **Gut** 17(9):685-91, Sep 76

Enzyme secretion in the pathogenesis of rheumatoid arthritis [editorial]. **Lancet** 1(8023):1190-1, 4 Jun 77

The absorption of vitamin B12 after subtotal pancreatectomy in the rat. Von Der Lippe G. **Scand J Gastroenterol** 11(7):683-8, 1976

Pancreatic secretion in hamsters with pancreatic cancer. Reber HA, et al. **Surgery** 82(1):34-41, Jul 77

[Control of the efficiency of ligature of the pancreatic canal in rabbit (author's transl)] Catala J. **Ann Rech Vet** 7(1):33-8, 1976 (Eng. Abstr.) **(Fre)**

[Pharmacological effect of piprozoline on the exocrine pancreas of dogs (author's transl)] Tauschel HD, et al. **Arzneim Forsch** 27(2b):489-93, 1977 (Eng. Abstr.) **(Ger)**

[Histamine-H2-receptor antagonists. Physiological and clinical aspects] Domschke W, et al. **Fortschr Med** 94(18):1082-4, 17 Jun 76 (Eng. Abstr.) **(Ger)**

[Insufficiency of the exocrine pancreas in Wilson's disease (author's transl)] Osswald P, et al. **Klin Wochenschr** 54(17):839-43, 1 Sep 76 (Eng. Abstr.) **(Ger)**

[The function of the hydrokinetic and ekbolic pancreas after acute pancreatitis] Tympner F, et al. **Z Gastroenterol** 14(7):684-7, Nov 76 (Eng. Abstr.) **(Ger)**

[Role of the autonomic nervous system in the differentiated response of pancreatic enzyme secretion] Rozin DG. **Fiziol Zh SSSR** 62(8):1216-21, Aug 76 (Eng. Abstr.) **(Rus)**

[State of the exocrine function of the pancreas during human aging] Valenkevich LN. **Vopr Pitan** (1):11-5, May-Jun 76 (Eng. Abstr.) **(Rus)**

[Disorders of exocrine pancreatic secretion in chronic pneumonia] Geller LI, et al. **Vrach Delo** (6):94-6, Jun 76 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Editorial: timely appraisal: induction of alpha1-antitrypsin; a prophylactic treatment for pulmonary emphysema? Janoff A. **Agents Actions** 7(2): 249-50, Jul 77

Factors in recovery from spinal cord injury. Summarized transactions of a conference held May 24-25, 1976, in Granville, Ohio, under the auspices of Denison University and Help Them Walk Again Foundation. Pettegrew RK, et al. **Exp Neurol** 53(3):815-29, Dec 76

The possibility of structural and functional restitution after spinal cord injury. A review. Puchala E, et al. **Exp Neurol** 55(1):1-42, Apr 77

The effect of a proteolytic enzyem mixture (Orenzyme-Forte) on experimentally induced pulpitis. Kieser J, et al. **Oral Surg** 43(2):300-5, Feb 77

[Treatment of varices of the lower extremities with a new drug combination: hemotrypsin] Grosso F, et al. **Atti Accad Med Lomb** 30(1-3):161-4, 1975 **(Ita)**

[Local treatment of suppurated maxillary sinusitis (viewpoints and results)] Hirizescu D, et al. **Rev Chir [Otorinolaringol]** 21(4):275-81, Oct-Dec 76 (Eng. Abstr.) **(Rum)**

[Proteolytic enzymes, their inhibitors and the state of bone regeneration] Gostishchev VK, et al. **Eksp Khir Anesteziol** (3):48-51, May-Jun 76 (Eng. Abstr.) **(Rus)**

[Complex treatment of adhesions in the abdominal cavity] Zhenchevskiĭ RA. **Khirurgiia (Mosk)** (12):8-12, Dec 76 (Eng. Abstr.) **(Rus)**

[Characteristics of bone regeneration after treatment of experimental fractures with proteolytic enzymes and their inhibitors] Gostishchev VK, et al. **Ortop Travmatol Protez** (5):37-43, May 76 (Eng. Abstr.) **(Rus)**

[Stimulation of healing and prevention of surgical wound suppuration] Grigorian AV, et al. **Sov Med** (12):30-4, Dec 76 (Eng. Abstr.) **(Rus)**

[Complex treatment of trophic leg ulcers] Drevina AI, et al. **Vestn Khir** 117(12):57-9, Dec 76 (Eng. Abstr.) **(Rus)**

[Use of proteolytic enzymes and ectericide in surgical treatment of suppuration] Kuzin EM. **Vestn Khir** (3):77-9, Mar 77 (Eng. Abstr.) **(Rus)**

[State of the blood coagulation system an anticoagulants in complex treatment of chorioretinal dystropies] Tartakovskaia AI, et al. **Vestn Oftalmol** (1):74-7, 1977 **(Rus)**

[Enzyme in complex treatment of operative wounds and their complications in patients with malignant otorhinolaryngologic neoplasms] Opanashchenko GA. **Zh Ushn Nos Gorl Bolezn** (1):53-7, 1977 (Eng. Abstr.) **(Rus)**

[Pancreatic endopeptidase in the treatment of the Ramsay Hunt syndrome] Petrovski R, et al. **God Zb Med Fak Skopje** 22:285-9, 1976 (Eng. Abstr.) **(Scr)**

TRYPSIN INHIBITORS

Characterization of trypsin-like enzymes from human saliva isolated by use of affinity chromatography. Söder P-O, et al. **Acta Odontol Scand** 35(1):41-50, 1977

Pancreatitis following the intraductal injection of partially purified enterokinase in dogs. Hammond JB, et al. **Am J Dig Dis** 22(3):182-8, Mar 77

Mechanisms of zymogen activation. Stroud RM, et al. **Annu Rev Biophys Bioeng** 6:177-93, 1977 (50 ref.)

The primary structure of the human pancreatic secretory trypsin inhibitor. Amino acid sequence of the reduced S-aminoethylated protein. Bartelt DC, et al. **Arch Biochem Biophys** 179(1):189-99, Feb 77

The role of sialic acid and galactose residues in determining the survival of human plasma alpha-antitrypsin in the blood circulation. Yu SD, et al. **Arch Biochem Biophys** 179(2):477-85, Mar 77

Nitrogen dioxide and pulmonary proteolytic enzymes. Effect on lung tissue and macrophages. Rynbrandt D. **Arch Environ Health** 32(4):165-72, Jul-Aug 77

Nuclear magnetic resonance determination of intramolecular distances in bovine pancreatic trypsin inhibitor using nitrotyrosine chelation of lanthanides. Marinetti TD, et al. **Biochemistry** 15(21):4600-8, 19 Oct 76

Nitrotyrosine chelation of nuclear magnetic resonance shift probes in proteins: application to bovine pancreatic trypsin inhibitor. Marinetti TD, et al. **Biochemistry** 16(4):647-53, 22 Feb 77

P-Nitrophenyl carbamates as active-site-specific reagents for serine proteases. Scofield RE, et al. **Biochemistry** 16(11):2492-6, 31 May 77

Effect of oxidation of methionine residues in chicken ovoinhibitor on its inhibitory activities against trypsin, chymotrypsin, and elastase. Shechter Y, et al. **Biochemistry** 16(5):992-7, 8 Mar 77

Preparation and properties of trypsin and chymotrysin coupled covalently to poly (N-vinylpyrrolidone). Specht BU, et al. **Biochim Biophys Acta** 484(1):109-14, 15 Sep 77

Snake venom toxins. The amino acid sequence of toxin Vi2,

a homologue of pancreatic trypsin inhibitor, from Dendroaspis polylepis polylepis (black mamba) venom. Strydom DJ. **Biochim Biophys Acta** 491(2):361–9, 25 Apr 77

Isolation of human trypsin by affinity chromatography. Temler RS, et al. **Enzyme** 22(4):249–55, 1977

The trypsin and chymotrypsin inhibitors in chick pears (Cicer arietinum L). The relationships among the six isoinhibitors. Belew M. **Eur J Biochem** 73(2):411–20, Mar 1 77

The effect of cleaving the reactive-site peptide bond Lys–15--Ala–16 on the conformation of bovine trypsin-kallikrein inhibitor (K unitz) as revealed by solvent-perturbation spectra, circular dichroism and fluorescence. Quast U, et al. **Eur J Biochem** 52(3):511–4, 1 Apr 75

Kinetics of binding of bovine trypsin-killikrein inhibitor (K unitz) in which the reactive-site peptide bond Lys–15--Ala–16 is cleaved, to alpha-chymotrypsin and beta-trypsin. Quast U, et al. **Eur J Biochem** 52(3):505–10, 1 Apr 75

Human-polymorphonuclear-leucocyte neutral protease and its inhibitor. Studies with fluorescein-labelled polymeric collagen fibrils as a substrate. Steven FS, et al. **Eur J Biochem** 67(1):165–9, 1 AUG 76

Activation of chymotrypsinogen by boar acrosin and its prevention by antiboar acrosin rabbit gamma-globulins. Borhan GS, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1229–33, Sep 76

Influence of boar acrosin antibodies produced in rabbit and sheep on chymotrypsinogen activation catalyzed by acrosin from boar, bull, ram, rabbkt and human. Borhan GS, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1235–9, Sep 76

Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123. Jurasek L, et al.

In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)

Studies on the partial synthesis of protein analogs by direct coupling to terminal homoserine lactone derivatives. Experiments with basic pancreatic trypsin inhibitor. Dyckes DF, et al. **Int J Pept Protein Res** 9(5):340–8, 1977

Arginine modification in Kunitz bovine trypsin inhibitor through 1, 2-cyclohexanedione. Menegatti E, et al. **Int J Pept Protein Res** 10(2):146–52, 1977

Studies on trypsin inhibitors. Part VII. Synthesis of protected peptides related to sequences 1 – 14 and 36 – 52 of porcine pancreatic secretory trypsin inhibitor II (Kazal). Tomatis R, et al. **Int J Pept Protein Res** 9(2):137–47, 1977

Near-UV circular dichroism of trypsin inhibitor of adzuki beans attributable to disulfide groups. Yoshida C, et al. **J Biochem (Tokyo)** 80(3):449–54, Sep 76

A soybean trypsin inhibitor. Crystallization and x-ray crystallographic study. Hwang DL, et al. **J Biol Chem** 252(3):1099–101, 10 Feb 77

Resistance of soybean trypsin inhibitor (Kunitz) to denaturation by guanidinium chloride. Leach BS, et al. **J Biol Chem** 252(15):5239–43, 10 Aug 77

Further studies on the identification of the subcomponents of the first component of complement after affinity chromatography of human serum on IgG-sepharose. Taylor PA, et al. **J Immunol** 118(5):1722–7, May 77

Effects of urea and guanidine-HCl on the folding and unfolding of pancreatic trypsin inhibitor. Creighton TE. **J Mol Biol** 113(2):313–28, 25 Jun 77

Conformational restrictions on the pathway of folding and unfolding of the pancreatic trypsin inhibitor. Creighton TE. **J Mol Biol** 113(2):275–93, 25 Jun 77

Energetics of folding and unfolding of pancreatic trypsin inhibitor. Creighton TE. **J Mol Biol** 113(2):295–312, 25 Jun 77

Calculation of protein tertiary structure. Kuntz ID, et al. **J Mol Biol** 106(4):983–94, 5 Oct 76

Role of serine 195 in the stabilization of beta-trypsin and beta-trypsin-ligand complexes. Levilliers N, et al. **J Mol Biol** 111(3):279–303, 15 Apr 77

Dynamic solvent accessibility in the soybean trypsin inhibitor--trypsin complex. Woodward CK. **J Mol Biol** 111(4):509–15, 25 Apr 77

Prevalence of of alpha 1-antitrypsin Pi types among newborn infants of different ethnic backgrounds. Evans HE, et al. **J Pediatr** 90(4):621–4, Apr 77

A statistical approach to the calculation of conformation of proteins. 2. The reoxidation of reduced trypsin inhibitor. Crippen GM. **Macromolecules** 10(1):25–8, Jan-Feb 77

Statistical mechanical treatment of protein conformation. 5. A multistate model for specific-sequence copolymers of amino acids. Tanaka S, et al. **Macromolecules** 10(1):9–20, Jan-Feb 77

A trypsin and chymotrypsin inhibitor from groundnuts (Arachis hypogaea). Birk Y. **Methods Enzymol** 45:716–22, 1976

Trypsin isoinhibitors from garden beans (Phaseolus vulgaris). Birk Y. **Methods Enzymol** 45:710–6, 1976

Lima bean trypsin inhibitors. Birk Y. **Methods Enzymol** 45:707–9, 1976

Trypsin and chymotrypsin inhibitors from soybeans. Birk Y. **Methods Enzymol** 45:700–7, 1976

Proteinase inhibitors from cereal grains. Birk Y. **Methods Enzymol** 45:723–8, 1976

Trypsin inhibitor from cow colostrum. Cechová D. **Methods Enzymol** 45:806–13, 1976

Trypsin-plasmin inhibitors (bdellins) from leeches. Fritz H, et al. **Methods Enzymol** 45:797–806, 1976

Human pancreatic secretory trypsin inhibitor. Greene LJ, et al. **Methods Enzymol** 45:813–25, 1976

The inter-alpha-trypsin inhibitor. Steinbuch M. **Methods Enzymol** 45:760–72, 1976

Relationship between antiinflamatory and antiproteolytic properties of substituted oxothiazolylacetic acids. Kishore V, et al. **Pharmacol Res Commun** 8(1):43–51, Feb 76

Correlation between antiinflammatory and antiproteolytic properties of substituted benzylidenes. Chaudhari A, et al. **Pharmacology** 15(1):24–30, 1977

Model of protein folding: incorporation of a one-dimensional short-range (Ising) model into a three-dimensional model. Tanaka S, et al. **Proc Natl Acad Sci USA** 74(4):1320–3, Apr 77

Accelerated assay, preservation and purification (concanavalin A) of plasma kininogen. Freedman HJ, et al. **Res Commun Chem Pathol Pharmacol** 15(3):581–99, Nov 76

Inhibition of pancreatic secretion of enzymes by calcitonin. Goebell H, et al. **Z Gastroenterol [Verh]** (10):28–31, 1976

[Synthetic inhibitors of serine proteinases. 11.Report: The inhibition of trypsin, plasmin and thrombin by new bisamidino compounds] Walsmann P, et al. **Acta Biol Med Ger** 35(2):K1–8, 1976 (Eng. Abstr.) **(Ger)**

[Studies of acrosin and human sperm trypsin inhibitor activity in human semen. I. Relations to sperm density] Schirren C, et al. **Andrologia** 8(3):249–54, 1976 (Eng. Abstr.) **(Ger)**

[Synthetic inhibitors of serine proteinases. 8. Inhibition of trypsin, plasmin and thrombin by means of amidinophenyl-derivatives with ketonic-structure] Stürzebecher J, et al. **Pharmazie** 31(7):458–61, Jul 76 **(Ger)**

[Synthetic inhibitors of serine proteinases. 10. The inhibition of trypsin, plasmin and thrombin by 4-amidinophenylaralkanone] Stürzebecher J, et al. **Pharmazie** 31(12):886–8, 1976 **(Ger)**

[Synthetic inhibitors of serine proteinases. 9. The inhibition of tryspsin,plasmin and thrombin by amidinophenyl-, amidinobenzyl- and beta-(amidinophenyl)ethylarylketons] Walsmann P, et al. **Pharmazie** 31(10):733–5, 1976 **(Ger)**

[Comparative studies on the reactive sites against trypsin of some inhibitors from phaseolus coccineus and phaseolus vulgaris (author's transl)] Hory HD, et al. **Z Lebensm Unters Forsch** 162(4):341–7, 31 Dec 76 (Eng. Abstr.) **(Ger)**

[Chemical structure and function of protein proteinase inhibitors (author's transl)] Odani S, et al. **J Jpn Biochem Soc** 49(1):1–18, 1977 (187 ref.) **(Jpn)**

[Mechanism of heparin inhibition of the proteolytic action of trypsin on casein] Erzinkian KL, et al. **Izv Akad Nauk SSSR [Biol]** (1):54–8, Jan-Feb 77 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Polymers for the sustained release of proteins and other macromolecules. Langer R, et al. **Nature** 263(5580):797–800, 28 Oct 76

[Use of proteolytic enzyme inhibitors in complex treatment of staphylococcal wound infection] Revin AN. **Khirurgiia (Mosk)** (6):78–81, Jun 77 (Eng. Abstr.) **(Rus)**

ANALYSIS

Purification and properties of two protease inhibitors from rat skin inhibiting papain and other SH-proteases. Järvinen M. **Acta Chem Scand [B]** 30(10):933–40, 1976

Quantitative determination of high molecular weight serum proteinase inhibitors in human semen. Schill WB. **Andrologia** 8(4):359–64, 1976

A trypsin and chymotrypsin inhibitor from chick peas (Cicer arietinum). Smirnoff P, et al. **Biochem J** 157(3):745–51, 1 Sep 76

Determination of arginine in the reactive site of proteinase inhibitors by selective and reversible derivatization of the arginine side chain. Dietl T, et al.
Hoppe Seylers Z Physiol Chem 357(5):657–65, May 76

Protease inhibitors and hemagglutinins of legumes. pp. 284–303. Liener IE.
In: Bodwell CE, ed. Evaluation of proteins for humans. Westport, Conn., AVI, 1977. QU 55 I604e 1975. (62 ref.)

Processing effects. pp. 255–69. Vaughan DA.
In: Bodwell CE, ed. Evaluation of proteins for humans. Westport, Conn., AVI, 1977. QU 55 I604e 1975.

Effect of heat, amylase, and disulfide bond cleavage on the in vitro digestibility of soybean proteins. Boonvisut S, et al. **J Agric Food Chem** 24(6):1130–5, Nov–Dec 76

Further studies on the isolation of the thermolabile growth inhibitor from the faba bean (Vicia faba L. var. minor). Ward AT, et al. **J Nutr** 107(7):1325–34, Jul 77

Effect of mild heat treatment on the nutritive value of low glucosinolate--low erucic acid rapeseed meals. Srivastava VK, et al. **J Sci Food Agric** 27(10):953–8, Oct 76

A trypsin and chymotrypsin inhibitor from groundnuts (Arachis hypogaea). Birk Y. **Methods Enzymol** 45:716–22, 1976

Antitrypsin. Mittman C. **Prog Clin Biol Res** 5:261–75, 1976 (86 ref.)

The use of Lupinus termis L. cultivated in Egypt, as a food protein supplement. Gabrial GN, et al.
Z Ernaehrungswiss 15(4):333–9, Dec 76

Nutritive studies on some raw and prepared leguminous seeds commonly used in the Arab Republic of Syria. Morcos SR, et al. **Z Ernaehrungswiss** 15(4):378–86, Dec 76

[Studies of acrosin and human sperm trypsin inhibitor activity in human semen. I. Relations to sperm density] Schirren C, et al. **Andrologia** 8(3):249–54, 1976 (Eng. Abstr.) **(Ger)**

[Trypsin and chymotrypsin inhibitors in leguminosae VII. Partial amino acid sequences of the trypsin chymotrypsin inhibitor PCI 3 from Phaseolus coccineus (author's transl)] Hory /D, et al. **Z Lebensm Unters Forsch** 162(4):349–56, 31 Dec 76 (Eng. Abstr.) **(Ger)**

[Inhibitors for trypsin and chymotrypsin in seeds of the broad bean (Vicia faba) (author's transl)] Ortanderl H, et al.
Z Lebensm Unters Forsch 163(1):31–4, 1977 (Eng. Abstr.) **(Ger)**

[Comparison of the antitrypsin activity levels in serum of normal subjects and cancer patients] Gonzalez-Garza MT, et al. **Arch Invest Med (Mex)** 8(1):39–46, 1977 (Eng. Abstr.) **(Spa)**

BIOSYNTHESIS

[Search for actinomycetes that produce inhibitors of proteolytic enzymes] Bezborodov AM, et al.
Mikrobiologiia 46(2):232–8, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

BLOOD

Trypsin inhibitor in the serum in pregnancy and chorionic neoplasia. Fukuschima T, et al.
Acta Obstet Gynaecol Jpn 22(3):182–6, Jul 75

Trypsin-inhibiting activity in sera of two strains of inbred mice. Kueppers F. **Arch Environ Health** 32(3):108–9, May–Jun 77

Identification of the acid-stable trypsin-plasma inhibitors of the human and bovine serum as Kunitz-type inhibitors. Preliminary sequencing data. Hochstrasser K, et al.
Hoppe Seylers Z Physiol Chem 357(11):1659–61, Nov 76

Pi (antitrypsin) typing methods. A comparison of acid starch-gel electrophoresis and isoelectric focusing. Ward AM, et al. **Hum Hered** 27(4):292–7, 1977

The inter-alpha-trypsin inhibitor. Steinbuch M.
Methods Enzymol 45:760–72, 1976

[Fibrinolytic system disorders in the postoperative period] Hureau J, et al. **Nouv Presse Med** 5(43):2939–40, 18 Dec 76 **(Fre)**

[Synthetic inhibitors of serine proteinases. 13. Quantitative structure-activity relationship for inhibition of trypsin and thrombin by 4-amidinophenyl compounds with a ketone structure] Stürzebecher J, et al. **Acta Biol Med Ger** 35(12):1665–76, 1976 (Eng. Abstr.) **(Ger)**

[About degradation products of the inter-alpha-trypsin inhibitor in serum. I. The inter-alpha-trypsin inhibitor as precursor of the acid stable trypsin-plasmin-inhibitor of the serum (author's transl)] Hochstrasser K, et al.
Klin Wochenschr 55(7):337–42, 1 Apr 77 (Eng. Abstr.) **(Ger)**

[About degradation products of the inter-alpha-trypsin inhibitor in serum. II. Acid label derivatives of the inter-alpha-trypsin inhibitor (author's transl)] Hochstrasser K, et al. **Klin Wochenschr** 55(7):343–5, 1 Apr 77 (Eng. Abstr.) **(Ger)**

[Trypsin-inhibitory – capacity in humans to respirable allergens or irritants (author's transl)] Wallenstein G, et al. **Z Erkr Atmungsorgane** 146(2):120–7, Aug 76 (Eng. Abstr.) **(Ger)**

[Determination of serum trypsin and its inhibitors] Takeda H, et al. **Jpn J Clin Med** 34 suppl:2488–94, 1976 **(Jpn)**

[Some physicochemical properties of modified trypsin] Bogacheva TI, et al. **Biokhimiia** 42(4):609–15, Apr 77 (Eng. Abstr.) **(Rus)**

[Effect of toxic substances on the pancreatic enzyme activity in a hygiene experiment] Strusevich EA, et al. **Gig Sanit** (7):102–4, Jul 76 **(Rus)**

[Clinico-biochemical comparisons in lung abscess] Lokhvitski® i SV, et al. **Grudn Khir** (2):62–6, Mar–Apr 76 (Eng. Abstr.) **(Rus)**

[State of the exocrine apparatus of the pancreas in patients with insulinomas] Manusharova RA, et al.
Khirurgiia (Mosk) (9):87–90, Sep 76 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of diagnostic tests in pancreatic necrosis] Vladimirov VG, et al. **Klin Med (Mosk)** 54(10):85–90, Oct 76 (Eng. Abstr.) **(Rus)**

[Clinical perspectives in studies of trypsin–trypsin inhibitor system, plasma kinins and fibrinogen degradation products in peptic ulcer] Makarevich IaA, et al. **Ter Arkh** 49(5):89–92, 1977 (Eng. Abstr.) **(Rus)**

[Functional state of the pancreas in patients with eczema] Burykina GN, et al. **Vestn Dermatol Venerol** (6):19–22, Jun 77 (Eng. Abstr.) **(Rus)**

[Effect of proteolytic enzymes on the antitrypsin activity of blood serum in the postoperative period] Geitman IIa, et al. **Vopr Med Khim** 22(6):791–5, Nov–Dec 76 (Eng. Abstr.) **(Rus)**

[State of the kinin system in burn shock and early toxemia] Paskhina TS, et al. **Vopr Med Khim** 22(5):696–707, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[State of the kinin system and level of serum proteinase inhibitors in latent nephritis and the nephrotic syndrome of different etiology] Paskhina TS, et al.
Vopr Med Khim 23(2):241–51, Mar–Apr 77 (Eng. Abstr.) **(Rus)**

[Clinico-enzymatic relationship in abstinence and alcoholic delirium] Danilenko AM. **Vrach Delo** (5):114–8, May 77 **(Rus)**

[Functional state of the pancreas in patients with ulcer disease] Valensa AO. **Vrach Delo** (6):89–91, Jun 77 (Eng. Abstr.) **(Rus)**

[Recent views on the pathophysiology of the development of acute pancreatitis (author's transl)] Bučko A.
Cesk Gastroenterol Vyz 30(6):358–63, Sep 76 (Eng. Abstr.) **(Slo)**

[Quantitative characteristics of serum antitryptic activity] Protsenko VA, et al. **Ukr Biokhim Zh** 49(2):113–6, Mar–Apr 77 (Eng. Abstr.) **(Ukr)**

CHEMICAL SYNTHESIS

Partial synthesis of proteins--experiments using pancreatic trypsin inhibitor. pp. 515–21. Dyckes DF, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.

Progress in the synthesis of the porcine pancreatic secretory trypsin inhibitor II (Kazal). pp. 509–13. Rocchi R, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.

Electronic effects in the interaction of para-substituted benzamidines with trypsin: the involvement of the pi-electronic density at the central atom of the substituent in binding. Mares-Guia M, et al. **J Am Chem Soc** 99(7):2331–6, 30 Mar 77

DEFICIENCY

Antitrypsin. Mittman C. **Prog Clin Biol Res** 5:261–75, 1976 (86 ref.)

IMMUNOLOGY

Immunological similarity between low molecular weight trypsin-chymotrypsin inhibitors from human bronchial secretion and seminal plasma. Ohlsson K, et al.
Hoppe Seylers Z Physiol Chem 357(9):1241–4, Sep 76

Serum levels of a component reacting with antiserum to urinary antitrypsin in health and disease with emphasis on high levels in renal failure. Smith JM, et al.

J Lab Clin Med 88(6):905–13, Dec 76

ISOLATION & PURIFICATION

A trypsin and chymotrypsin inhibitor from chick peas (Cicer arietinum). Smirnoff P, et al. **Biochem J** 157(3):745–51, 1 Sep 76

The trypsin and chymotrypsin inhibitors in chick pears (Cicer arietinum L). The relationships among the six isoinhibitors. Belew M. **Eur J Biochem** 73(2):411–20, Mar 1 77

Isolation and partial characterization of a low molecular weight acid stable protease inhibitor from human bronchial secretion. Ohlsson K, et al. **Hoppe Seylers Z Physiol Chem** 358(5):583–9, May 77

Inhibitors of acrosin and granulocyte proteinases from human genital tract secretions. Schiessler H, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1251–60, Sep 76

Natural plant enzyme inhibitors: Part III-purification of protease inhibitors from Lathyrus sativus seeds. Bhat PG, et al. **Indian J Biochem Biophys** 13(4):339–43, Dec 76

Studies on human ascaris: purification of trypsin inhibitor. Mukerji K, et al. **Indian J Med Res** 64(11):1611–9, Nov 76

A soybean trypsin inhibitor. Crystallization and x-ray crystallographic study. Hwang DL, et al. **J Biol Chem** 252(3):1099–101, 10 Feb 77

An improved method for the purification of eggplant trypsin inhibitor. Ibuki F, et al. **J Nutr Sci Vitaminol (Tokyo)** 23(2):133–43, 1977

Proteinase inhibitors from cereal grains. Birk Y. **Methods Enzymol** 45:723–8, 1976

A trypsin and chymotrypsin inhibitor from groundnuts (Arachis hypogaea). Birk Y. **Methods Enzymol** 45:716–22, 1976

Trypsin isoinhibitors from garden beans (Phaseolus vulgaris). Birk Y. **Methods Enzymol** 45:710–6, 1976

Trypsin inhibitor from cow colostrum. Cechová D. **Methods Enzymol** 45:806–13, 1976

Proteinase inhibitors from guinea pig seminal vesicles. Fink E, et al. **Methods Enzymol** 45:825–33, 1976

Trypsin-plasmin inhibitors (bdellins) from leeches. Fritz H, et al. **Methods Enzymol** 45:797–806, 1976

Human pancreatic secretory trypsin inhibitor. Greene LJ, et al. **Methods Enzymol** 45:813–25, 1976

The inter-alpha-trypsin inhibitor. Steinbuch M. **Methods Enzymol** 45:760–72, 1976

[An alcohol-soluble trypsin inhibitor from beans] Mosolov VV, et al. **Prikl Biokhim Mikrobiol** 12(1):37–44, Jan–Feb 76 (Eng. Abstr.) **(Rus)**

METABOLISM

Trypsin inhibitors in bovine lung and pancreas during development. Wilusz T, et al. **Acta Biochim Pol** 23(2–3):269–75, 1976

Interaction of the Kunitz soybean trypsin inhibitor with bovine trypsin. Evidence for an an acy-enzyme intermediate during complexation. Huang JS, et al. **Biochemistry** 16(11):2474–8, 31 May 77

Evidence for the presence of a trypsin inhibitor within rabbit and mouse tumour cells. Steven FS, et al. **Biochim Biophys Acta** 483(1):211–4, 8 Jul 77

A new mechanochemical method of enzyme immobilization. Klibanov AM, et al. **Biotechnol Bioeng** 19(2):211–8, Feb 77

Kinetics of the inactivation of human and bovine trypsins and chymotrypsins by alpha1-proteinase inhibitor and of their reactivation by alpha2-macroglobulin. Aubry M, et al. **Clin Chim Acta** 78(3):371–80, 1 Aug 77

Extrinsic signals for monitoring the association reaction of proteins as introduced by fluorescent and non-fluorescent labels. Bösterling B, et al. **Hoppe Seylers Z Physiol Chem** 357(9):1283–96, Sep 76

The interactions between a low molecular weight protease inhibitor of bronchial mucus and chymotrypsin-like cationic proteins of granulocytes. Tegner H, et al. **Hoppe Seylers Z Physiol Chem** 358(3):431–3, Apr 77

Recent developments in suicide substrates and other active site-directed inactivating agents of specific target enzymes. Walsh C. **Horiz Biochem Biophys** 3:36–81, 1977 (67 ref.)

The reactive site of eggplant trypsin inhibitor. Yamada M, et al. **J Biochem (Tokyo)** 80(6):1293–7, Dec 76

Trypsin inhibitor from cow colostrum. Cechová D. **Methods Enzymol** 45:806–13, 1976

[Differential diagnosis of the Prom-standard-values-deviating spermiogram] Schirren C. **Fortschr Med** 94(34):2036–8, 2 Dec 76 (Eng. Abstr.) **(Ger)**

[Comparative studies on the reactive sites against trypsin of some inhibitors from phaseolus coccineus and phaseolus vulgaris (author's transl)] Hory HD, et al. **Z Lebensm Unters Forsch** 162(4):341–7, 31 Dec 76 (Eng. Abstr.) **(Ger)**

[Experimental study on fibrinolytic phenomena of injured cerebral tissues. With special reference to the changes in fibrinolytic substances in glia tissues (author's transl)] Tadokoro H. **Arch Jpn Chir** 46(3):258–77, 1 May 77 (Eng. Abstr.) **(Jpn)**

[Role of proteolytic factor in the etiology of duodenitis and jejunitis in chronic hepatitis and liver cirrhosis] Iakhontova OI. **Ter Arkh** 48(9):54–7, 1976 (Eng. Abstr.) **(Rus)**

[Lymph, plasma and urinary hydrolases during animal feeding with different types of food] **Vopr Pitan** (5):29–34, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Comparison of the antitrypsin activity levels in serum of normal subjects and cancer patients] Gonzalez-Garza MT, et al. **Arch Invest Med (Mex)** 8(1):39–46, 1977 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Similarity in active site arrangement of neutral protease from calf thymus chromatin and trypsin. Kowalska-Loth B, et al. **Acta Biochim Pol** 23(2–3):139–44, 1976

Gonadotropin receptors in human corpora lutea of the menstrual cycle and pregnancy. Rao CH V, et al. **Am J Obstet Gynecol** 128(2):146–53, 15 May 77

Inactivation of trypsin-like proteases by active-site-directed sulfonylation. Ability of the departing group to confer selectivity. Wong SC, et al. **Arch Biochem Biophys** 176(1):113–8, Sep 76

Stability of the antigen expression in the spontaneous mammary adenocarcinoma during cultivation and absorbtion with immune serum. Hakim AA. **Arch Geschwulstforsch** 47(2):127–37, 1977

Proteolytic activity associated with tumour growth and metastasis. Influence of trypsin inhibitor (soya bean) on Ehrlich ascites tumour growth [proceedings]. Verloes R, et al. **Arch Int Physiol Biochim** 84(5):1119–20, Dec 76

A latent form of collagenase in the involuting rat uterus and its activation by a serine proteinase. Woessner JF Jr. **Biochem J** 161(3):535–42, 1 Mar 77

Relationship between the neurotoxicity and phospholipase A activity of beta-bungarotoxin. Howard BD, et al. **Biochemistry** 16(1):122–5, 11 Jan 77

Characterization of a chemotactic and cytotoxic proteinase from human skin. Hatcher VB, et al. **Biochim Biophys Acta** 483(1):160–71, 8 Jul 77

Plasminogen activator from human embryonic kidney cell cultures. Evidence for a proactivator. Nolan C, et al. **Biochim Biophys Acta** 496(2):384–400, 28 Feb 77

The inhibition of thyrotropin-releasing hormone deamidation in porcine hypothalamic tissues. Taylor WL, et al. **Biochim Biophys Acta** 444(2):428–34, 24 Sep 76

Aromatic Tris-amidines. A new class of highly active inhibitors of trypsin-like proteases. Tidwell RR, et al. **Biochim Biophys Acta** 445(3):729–38, 11 Oct 76

Inactivation of proteases and esterases by halomethylated derivatives of dihydrocoumarins. Béchet JJ, et al. **Biochimie** 59(3):241–6, 1977

Involvement of endogenous proteolytic activity in thiol-induced release of DNA template restrictions in rabbit sperm nuclei. Zirkin BR, et al. **Biol Reprod** 17(1):131–7, Aug 77

Urinary and kidney kallikrein in hypertensive rats. Lechi C, et al. **Biomedicine** 25(7):236–8, 30 Sep 76

Relationship of contact activation cofactor (CAC) procoagulant activity to kininogen. Schiffman S, et al. **Blood** 49(6):935–45, Jun 77

Effects of proteolytic enzymes on invertase secretion in sphaeroplasts of Saccharomyces: inhibition by trypsin. Holbein BE, et al. **Can J Microbiol** 23(2):202–8, Feb 77

Trypsin-induced activation of renin precursor in plasma of normal and anephric man. Cooper RM, et al. **Circ Res** 40(5 Suppl 1):I171–9, May 77

Feedback regulation of pancreatic enzyme secretion by intestinal trypsin in man. Ihse I, et al. **Digestion** 15(4):303–8, 1977

Distribution of cholecystokinin activity in the rat small intestine. Schneeman BO, et al. **Digestion** 15(1):28–33, 1977

Snake venom toxins. Purification and properties of low-molecular-weight polypeptides of Dendroaspis polylepis polylepis (black mamba) venom. Strydom DJ. **Eur J Biochem** 69(1):169–76, 1 Oct 76

Distribution of cell surface LETS protein in co-cultures of normal and transformed cells. Chen LB, et al. **Exp Cell Res** 108(2):375–83, Sep 77

Stimulation of a subpopulation of hamster lymphoid cells by trypsin and chymotrypsin. Hart DA, et al. **Exp Cell Res** 102(2):246–52, 15 Oct 76

Differential effect of trypsin and trypsin inhibitors on

lipopolysaccharide stimulation of hamster lymphoid cells. Hart DA, et al. **Exp Cell Res** 107(2):434–9, Jul 77

Physiological responses of sea urchin eggs to stimulation by calcium ionophore A23187 analysed with protease inhibitors. Schuel H, et al. **Exp Cell Res** 103(2):442–7, Dec 76

Determination of arginine in the reactive site of proteinase inhibitors by selective and reversible derivatization of the arginine side chain. Dietl T, et al.
Hoppe Seylers Z Physiol Chem 357(5):657–65, May 76

Elastases from human and canine granulocytes, II. Interaction with protease inhibitors of animal, plant, and microbial origin. Schiessler H, et al.
Hoppe Seylers Z Physiol Chem 358(1):53–8, Jan 77

Insulo–acinar axis, its vascular basis and its functional and morphological changes caused by CCK--PZ and caerulein. pp. 347–57. Fujita T, et al.
In: Fujita T, ed. Endocrine gut and pancreas. Amsterdam, Elsevier Scientific, 1976. WK 170 I605e 1975. (29 ref.)

Effect of corn trypsin inhibitor on growth of rats. Mitchell HL, et al. **J Agric Food Chem** 24(6):1254–5, Nov–Dec 76

Dog renal kallikrein: purification and some properties. Moriwaki C, et al. **J Biochem (Tokyo)** 80(6):1277–85, Dec 76

125I–labeled human epidermal growth factor. Binding, internalization, and degradation in human fibroblasts. Carpenter G, et al. **J Cell Biol** 71(1):159–71, Oct 76

The induction of macrophage spreading: role of coagulation factors and the complement system. Bianco C, et al.
J Exp Med 144(6):1531–44, 1 Dec 76

Involvement of a trypsin–like activity in sperm penetration of zona–free mouse ova. Wolf DP. **J Exp Zool** 199(1):149–56, Jan 77

Antibody–dependent, eosinophil–mediated damage to 51Cr–labeled schistosomula of Schistosoma mansoni: effect of metabolic inhibitors and other agents which alter cell function. David JR, et al. **J Immunol** 118(6):2221–9, Jun 77

The role of an activatable esterase in immune–dependent phagocytosis by human neutrophils. Musson RA, et al.
J Immunol 118(4):1354–65, Apr 77

Trypsin–induced increase in intracellular cyclic AMP of lymphocytes. Shneyour A, et al. **J Immunol** 117(6):2143–9, Dec 76

Effect of dietary amino acids, casein, and soybean trypsin inhibitor on pancreatic protein secretion in rats. Schneeman BO, et al. **J Nutr** 107(2):281–8, Feb 77

Effect of dietary raw soybean and soybean trypsin inhibitor on trypsin and chymotrypsin activities in the pancreas and in small intestinal juice of growing swine. Yen JT, et al.
J Nutr 107(1):156–65, Jan 77

An improved method for the purification of eggplant trypsin inhibitor. Ibuki F, et al. **J Nutr Sci Vitaminol (Tokyo)** 23(2):133–43, 1977

The effect of trypsin inhibitors on the in vitro acrosome reaction of guinea–pig spermatozoa [proceedings]. Green DP. **J Physiol (Lond)** 263(2):281P–282P, Dec 76

Trypsin isoinhibitors from garden beans (Phaseolus vulgaris). Birk Y. **Methods Enzymol** 45:710–6, 1976

Trypsin and chymotrypsin inhibitors from soybeans. Birk Y.
Methods Enzymol 45:700–7, 1976

Proteinase inhibitors from cereal grains. Birk Y.
Methods Enzymol 45:723–8, 1976

Lima bean trypsin inhibitors. Birk Y. **Methods Enzymol** 45:707–9, 1976

Proteinase inhibitors from legume seeds. Birk Y.
Methods Enzymol 45:697–700, 1976

Trypsin–plasmin inhibitors (bdellins) from leeches. Fritz H, et al. **Methods Enzymol** 45:797–806, 1976

Acid–stable proteinase inhibitors from human seminal plasma. Schiessler H, et al. **Methods Enzymol** 45:847–59, 1976

Presence of a proteinase in polyribosomes of rat liver. Levyant MI, et al. **Mol Biol (Mosk)** 10(4):634–9, Jul–Aug 76

Initiation of check cell division by trypsin action at the cell surface. Carney DH, et al. **Nature** 268(5621):602–6, 18 Aug 77

Contribution of vasopressor and plasma kininogen changes towards acute adrenaline pulmonary edema in the rat. Rothschild AM, et al.
Naunyn Schmiedebergs Arch Pharmacol 295(2):177–81, Nov 76

Acute gamma–irradiation–induced mortality in chickens. I. Mechanism of resistance afforded by pretreatment with cyclophosphamide or sublethal irradiation. Palladino MA, et al. **Proc Soc Exp Biol Med** 155(2):209–15, Jun 77

Inhibition of elastase from granulocytes by the low molecular weight bronchial protease inhibitor. Ohlsson K, et al.
Scand J Clin Lab Invest 36(5):437–45, Sep 76

Human leukocyte migration inhibitory factor (LIF). I. Effect of synthetic and naturally occurring esterase and protease inhibitors. Bendtzen K. **Scand J Immunol** 6(1–2):125–31, 1977

Human leukocyte migration inhibitory factor (LIF). I. Effect of synthetic and naturally occurring esterase and protease inhibitors. Bendtzen K. **Scand J Immunol** 6(1–2):126–31, 1977

The properties of the purified fibrinolytic principle from Agkistrodon acutus snake venom. Ouyang C, et al.
Toxicon 15(2):161–7, 1977

[Inhibition of the reinitiation of meiosis in Xenopus laevis oocytes by three natural antiproteases: antipain, chymostatin, and leupeptin] Guerrier P, et al.
C R Acad Sci [D] (Paris) 284(4):317–9, 24 Jan 77 (Eng. Abstr.) **(Fre)**

[Synthesis and biological activity of the decapeptide Gly–Pro–Cys–Lys–Ala–Arg–Phe–Gly–Gly–Cys as a model for the active center of the basic trypsin inhibitor from bovine organs (Kunitz inhibitor) (author's transl)] Weber U, et al. **Hoppe Seylers Z Physiol Chem** 357(10):1359–63, Dec 76 (Eng. Abstr.) **(Ger)**

[Some physicochemical properties of modified trypsin] Bogacheva TI, et al. **Biokhimiia** 42(4):609–15, Apr 77 (Eng. Abstr.) **(Rus)**

[Functional–morphological state of the digestive organs after administration of dianabol] Narodetskaia RV, et al.
Farmakol Toksikol 39(5):619–22, Sep–Oct 76 (Eng. Abstr.) **(Rus)**

[Utilization of antibodies to trypsin and kallikrein as narrowly directed inhibitors of their kininogenase action] Protsenko VA, et al. **Patol Fiziol Eksp Ter** (4):76–8, Jul–Aug 76 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Structural studies on the pancreatic trypsin inhibitor – trypsin complex and its free components: structure and function relationship in serine protease inhibition and catalysis. pp. 43–76. Bode W, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (22 ref.)

Human pancreatic secretory trypsin inhibitor. Greene LJ, et al. **Methods Enzymol** 45:813–25, 1976

[Chemical structure and function of protein proteinase inhibitors (author's transl)] Odani S, et al.
J Jpn Biochem Soc 49(1):1–18, 1977 (187 ref.) **(Jpn)**

SECRETION

[State of the exocrine function of the pancreas during human aging] Valenkevich LN. **Vopr Pitan** (1):11–5, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Effect of trasylol on secretion of the pancreatic trypsin inhibitor] Synovets AS, et al. **Vrach Delo** (11):77–8, Nov 76 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Proteolytic activity associated with tumour growth and metastasis. Influence of trypsin inhibitor (soya bean) on Ehrlich ascites tumour growth [proceedings]. Verloes R, et al. **Arch Int Physiol Biochim** 84(5):1119–20, Dec 76

[New aspects in the treatment of pneumonitis (author's transl)] Lennartz H, et al. **Langenbecks Arch Chir** 342:341–9, 15 Nov 76 (Eng. Abstr.) **(Ger)**

[Results of treatment of acute pancreatitis] Maiat VS, et al.
Khirurgiia (Mosk) (11):31–8, Nov 76 (Eng. Abstr.) **(Rus)**

[Use of proteolytic enzyme inhibitors in complex treatment of staphylococcal wound infection] Revin AN.
Khirurgiia (Mosk) (6):78–81, Jun 77 (Eng. Abstr.) **(Rus)**

[Use of protease inhibitors in cancer intoxication] Zolotukhin NA, et al. **Khirurgiia (Mosk)** (6):110–1, Jun 77 (Eng. Abstr.) **(Rus)**

[Diagnosis and treatment of pancreatic necrosis] Lashchevker VM. **Vestn Khir** 116(1):93–4, Jan 76 **(Rus)**

[Lumbar retroperitoneal novocaine block, antibiotics and enzyme inhibitors in acute pancreatitis] Makova NS, et al.
Vestn Khir 117(9):23–6, Sep 76 (Eng. Abstr.) **(Rus)**

URINE

Serum levels of a component reacting with antiserum to urinary antitrypsin in health and disease with emphasis on high levels in renal failure. Smith JM, et al.
J Lab Clin Med 88(6):905–13, Dec 76

[Trypsin inhibitors in human urine (author's transl)] Sumi H, et al. **J Physiol Soc Jpn** 39(3):53–8, Mar 77 (Eng. Abstr.) **(Jpn)**

TRYPSINOGEN

Mechanisms of zymogen activation. Stroud RM, et al. **Annu Rev Biophys Bioeng** 6:177–93, 1977 (50 ref.)
Structure of bovine trypsinogen at 1.9 A resolution. Kossiakoff AA, et al. **Biochemistry** 16(4):654–64, 22 Feb 77
Induction of the bovine trypsinogen–trypsin transition by peptides sequentially similar to the N-terminus of trypsin. Bode W, et al. **FEBS Lett** 68(2):231–6, 1 Oct 76
Crystal structure of bovine trypsinogen at 1–8 A resolution. I. Data collection, application of patterson search techniques and preliminary structural interpretation. Bode W, et al. **J Mol Biol** 106(2):325–35, 15 Sep 76
Crystal structure of bovine trypsinogen at 1–8 A resolution. II. Crystallographic refinement, refined crystal structure and comparison with bovine trypsin. Fehlhammer H, et al. **J Mol Biol** 111(4):415–38, 25 Apr 77

ANALYSIS

Symmetry patterns in trypsinogen. Erhan S, et al. **Int J Pept Protein Res** 9(1):5–10, Jan 77
Immunocytochemical localization of secretory proteins in bovine pancreatic exocrine cells. Kraehenbuhl JP, et al. **J Cell Biol** 72(2):406–23, Feb 77
Vascular permeability induced by pancreatic exudate formed during acute pancreatitis in dogs. Takada Y, et al. **Surg Gynecol Obstet** 143(5):779–83, Nov 76

DEFICIENCY

The pancreas—development, adaptation and malfunction in infancy and childhood. Lebenthal E, et al. **Clin Gastroenterol** 6(2):397–413, May 77

ISOLATION & PURIFICATION

Structure of bovine trypsinogen at 1.9 A resolution. Kossiakoff AA, et al. **Biochemistry** 16(4):654–64, 22 Feb 77

METABOLISM

Exocrine pancreatic insufficiency syndrome in CBA/J mice. II. Biochemical studies. Leiter EH, et al. **Am J Pathol** 86(1):31–46, Jan 77
Requirements for activation of trypsinogen and chymotrypsinogen in rabbit pancreatic juice. Glazer G, et al. **Anal Biochem** 77(1):130–40, Jan 77
Mechanisms of zymogen activation. Stroud RM, et al. **Annu Rev Biophys Bioeng** 6:177–93, 1977 (50 ref.)
Bovine enterokinase. Purification, specificity, and some molecular properties. Anderson LE, et al. **Biochemistry** 16(15):3354–60, 26 Jul 77
Stabilization of bovine trypsin by reductive methylation. Rice RH, et al. **Biochim Biophys Acta** 492(2):316–21, 24 Jun 77
The effect of lanthanide ions on enteropeptidase-catalyzed activation of trypsinogen. Rinderknecht H, et al. **Biochim Biophys Acta** 452(2):497–502, 8 Dec 76
Structure and function in biology. Hirs CH. **Brookhaven Symp Biol** (27):13–19, May 76
Activation of human pancreatic juice. Rinderknecht H, et al. **Clin Chim Acta** 73(2):369–72, 1 Dec 76
Effects of chronic ethanol consumption on pancreatic response to central vagal stimulation by 2-deoxy-D-glucose in the rat. Chariot J, et al. **Digestion** 15(5):425–37, 1977
Induction of the bovine trypsinogen–trypsin transition by peptides sequentially similar to the N-terminus of trypsin. Bode W, et al. **FEBS Lett** 68(2):231–6, 1 Oct 76
Penicillopepsin. Hofmann T. **Methods Enzymol** 45:434–52, 1976
Bile activation of trypsinogen in carcinoma of the pancreas [letter] Allan BJ, et al. **N Engl J Med** 297(9):509–10, 1 Sep 77
Human enterokinase. Rutgeerts L, et al. **Tijdschr Gastroenterol** 19(4):231–46, 1976
[Exocrine secretion of pancreatic carcinomas induced by immunologic effects: persistence of the specificity of the cancerous ascitic pancreatic cells] Thomas JA. **C R Acad Sci [D] (Paris)** 284(11):995–1000, 14 Mar 77 (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

Pancreatic extract and the intestinal uptake of vitamin B12. II. Inhibitory effect of trypsin and trypsinogen. Von der Lippe G, et al. **Scand J Gastroenterol** 12(2):177–82, 1977

PHYSIOLOGY

[Acute pancreatitis. Aspects of the pathophysiology (author's transl)] Amundsen E. **Leber Magen Darm** 6(4):199–205, Aug 76 **(Ger)**

SECRETION

Independent secretion of different digestive enzymes by the pancreas. Rothman SS. **Am J Physiol** (6):1847–51, 231
Parallel secretion of digestive enzymes by the in vitro rabbit pancreas. Steer ML, et al. **Am J Physiol** (6):1860–5, 231
The digestive enzymes of the pancreas: a mixture of inconstant proportions. Rothman SS. **Annu Rev Physiol** 39:373–89, 1977 (70 ref.)

VITAMIN K

The apparent absence of involvement of biotin in the vitamin K-dependent carboxylation of glutamic acid residues of proteins. Friedman PA, et al. **Biochem J** 163(1):39–43, 1 Apr 77
A survey of rat tissues for phylloquinone epoxidase activity. Friedman PA, et al. **Biochem Pharmacol** 26(8):804–5, 15 Apr 77
Progress in the field of fat-soluble vitamins and carotenoids. Isler O. **Experientia** 33(5):555–73, 15 May 77 (50 ref.)
Formation of monoanion radicals in reactions of vitamin K3 with sodium sulphite. Kalus WH, et al. **Experientia** 32(11):1366–8, 15 Nov 76
On the subsarcolemmal localization of phenazine ethosulfate-linked alpha-glycerophasphate dehydrogenase activity in pigeon pectoralis white muscle fibres. Khan MA. **Histochemistry** 50(2):103–10, 29 Dec 76–77
Gamma radiolysis of thymine in oxygen-free aqueous solution in the presence of electron affinic radiosensitizers: identification of stable products. Cadet J, et al. **Int J Radiat Biol** 30(1):1–11, Jul 76
Studies of molecular association in biological systems by positron annihilation techniques. Jean YC, et al. **J Am Chem Soc** 99(5):1623–5, 2 Mar 77
Vitamin K requirement and the concentration of vitamin K in rat liver. Knauer TE, et al. **J Nutr** 106(12):1747–51, Dec 76
Growth of the Y strain of Trypanosoma cruzi in an HX25-modified defined medium. de Azevedo HP, et al. **J Parasitol** 63(3):485, Jun 77
Molecular aspects of chemical radiosensitization. Cadet J, et al. **J Radiat Res (Tokyo)** 18(2):93–101, May 77 (59 ref.)
Primary structure of the amino-terminal (vitamin K-dependent) region of human prothrombin. Walz D, et al. **Life Sci** 20(1):79–83, 1 Jan 77
Light-driven, carrier-mediated electron transfer across artificial membranes. Grimaldi JJ, et al. **Nature** 265(5591):229–30, 20 Jan 77
The effect of dihydroxypropyl theophylline on the solubility and stability of menadione (vitamin K3). El-Fattah SA, et al. **Pharmazie** 32(4):232–4, Apr 77
[Recommended vitamin intake] Raoul Y. **Ann Nutr Aliment** 30(4):509–36, 1976 (Eng. Abstr.) **(Fre)**
[Influence of solubilization with polyethyleneglycol-glycerol fatty acid esters on the photostability of menadione. 5. Use of solubilization mediators as pharmaceutic aids in the production of drugs] Thoma K, et al. **Pharmazie** 31(7):477–80, Jul 76 **(Ger)**
[Relationship between the micelle bond body and the photoinstability of solubilized menadione. 6. The use of intermediary solvents as an aid in the production of drugs] Thoma K, et al. **Pharmazie** 31(9):628–9, 1976 **(Ger)**

ADVERSE EFFECTS

Vitamin toxicity. Diploma JR, et al. **Annu Rev Pharmacol Toxicol** 17:133–48, 1977 (199 ref.)
Vitamins E and K. Dam H. **Prog Food Nutr Sci** 1(2):139–43, 1975

ANALOGS & DERIVATIVES

Vitamin K1 intestinal absorption in vivo: influence of luminal contents on transport. Hollander D, et al. **Am J Physiol** 232(1):E69–74, Jan 77
Sepctrophotometric determination of vitamin K compounds. Viré JC, et al. **Anal Biochem** 49(9):1343–6, Aug 77
Effect of vitamin K homologues on the conversion of preprothrombin to prothrombin in rat liver microsomes. Jones JP, et al. **Biochem Biophys Res Commun** 72(2):589–97,

20 SEP 76

Synthesis of clotting factors by a cell-free system from rat liver in response to the addition of vitamin K1 in vitro. Lowenthal J, et al. **Biochem Biophys Res Commun** 74(1):25-32, 10 Jan 77

Menaquinone biosynthesis: conversion of o-succinylbenzoic acid to 1,4-dihydroxy-2-naphthoic acid and menaquinones by Escherichia coli extracts. Bryant RW Jr, et al. **Biochemistry** 15(22):4792-6, 2 Nov 76

The structure of the menaquinones with a tetrahydrogenated isoprenoid side-chain. Yamada Y, et al. **Biochim Biophys Acta** 488(2):280-4, 24 Aug 77

Correlation of the function of demethylmenaquinone in bacterial electron transport with its redox potential. Holländer R. **FEBS Lett** 72(1):98-100, 15 Dec 76

One-step preparation of vitamin K1 or K2 analogues by cyclodextrin inclusion catalysis [letter] Tabushi I, et al. **J Am Chem Soc** 99(19):6456-7, 14 Sep 77

Vitamin K-dependent carboxylase. Solubilization and properties. Esmon CT, et al. **J Biol Chem** 251(20):6238-43, 25 Oct 76

Superoxide anion as a mediator of drug-induced oxidative hemolysis. Goldberg B, et al. **J Biol Chem** 251(20):6468-70, 25 Oct 76

Vitamin K requirement and the concentration of vitamin K in rat liver. Knauer TE, et al. **J Nutr** 106(12):1747-51, Dec 76

ANALYSIS

Sepctrophotometric determination of vitamin K compounds. Viré JC, et al. **Anal Biochem** 49(9):1343-6, Aug 77

Carotenoid glucosides and menaquinones from the gliding bacterium Herpetosiphon giganteus Hp a2. Kleinig H, et al. **Arch Microbiol** 112(3):307-10, 1 Apr 77

On the chemical structure of menaquinones with the tetrahydrogenated isoprenoid side chain. Yamada Y, et al. **Biochim Biophys Acta** 486(1):195-203, 18 Jan 76

Gas chromatographic determination of the purity of vitamin K3 (menadione). Castello G, et al. **J Chromatogr** 139(1):195-202, 11 Sep 77

[Relationship between the micelle bond body and the photoinstability of solubilized menadione. 6. The use of intermediary solvents as an aid in the production of drugs] Thoma K, et al. **Pharmazie** 31(9):628-9, 1976 **(Ger)**

[Polarographic behavior of vitamin K5 in aqueous and alcohol solutions and the application to the determination of vitamin K5 (author's transl)] Watanabe F, et al. **J Pharm Soc Jpn** 96(6):714-20, Jun 76 (Eng. Abstr.)**(Jpn)**

ANTAGONISTS & INHIBITORS

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41-68, 1976 (192 ref.)

Selecting and preparing patients for total hip replacement. Feinstein PA, et al. **Geriatrics** 32(7):91-6, Jul 77

Cancer and vitamin K [letter] Egilsson V. **Lancet** 2(8031):254-5, 30 Jul 77

Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291-331, Apr 76 (260 ref.)

[Valve protheses and anti-vitamin K. Biological study in patients given weak and strong doses of anticoagulants] Boisseau M, et al. **Arch Mal Coeur** 69(2):219-21, Feb 76 (Eng. Abstr.) **(Fre)**

[Current aspects of the prevention of venous thrombosis] Verstraete M. **Rev Prat** 27(21):1293-300, 11 Apr 77 (Eng. Abstr.) **(Fre)**

[Anticoagulants in prevention and treatment of pulmonary thromboembolic diseases] Gherasim L. **Rev Med Intern [Med Intern]** 28(5):335-41, Sep-Oct 76 **(Rum)**

[Anticoagulants in coronary disease] Popescu P. **Rev Med Intern [Med Intern]** 28(5):329-34, Sep-Oct 76 **(Rum)**

[Comparative evaluation of aspirin and indirect-action anticoagulants in the prevention of venous thromboses in traumatology and orthopedic practice] Lavrinovich TS, et al. **Ortop Travmatol Protez** (10):35-9, Oct 76 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

The formation of menaquinone-4 (vitamin K) and its oxide in some marine invertebrates. Burt VT, et al. **Biochem J** 162(2):297-302, 15 Feb 77

Menaquinone biosynthesis: conversion of o-succinylbenzoic acid to 1,4-dihydroxy-2-naphthoic acid and menaquinones by Escherichia coli extracts. Bryant RW Jr, et al. **Biochemistry** 15(22):4792-6, 2 Nov 76

Menaquinone biosynthesis: mutants of Escherichia coli K-12 requiring 2-succinylbenzoate. Guest JR. **J Bacteriol** 130(3):1038-46, Jun 77

BLOOD

Bleeding from self-administration of phenindione: a detailed case study. Gover PA, et al. **Br J Haematol** 33(4):551-64, Aug 76

Identification of gamma-carboxyglutamic acid residues in bovine factors IX and X, and in a new vitamin K-dependent protein. Bucher D, et al. **FEBS Lett** 68(2):293-6, 1 Oct 76

CHEMICAL SYNTHESIS

One-step preparation of vitamin K1 or K2 analogues by cyclodextrin inclusion catalysis [letter] Tabushi I, et al. **J Am Chem Soc** 99(19):6456-7, 14 Sep 77

IMMUNOLOGY

The sensitizing capacity of naturally occurring quinones. Experimental studies in guinea pigs. I. Naphthoquinones and related compounds. Schulz KH, et al. **Arch Dermatol Res** 258(1):41-52, 25 Mar 77

The distance between the contact sites for DNP and menadione ligands in the combining region of myeloma proteins binding both haptens--I. Estimation of distance by fluorescent energy transfer in protein 460. Manjula BN, et al. **Immunochemistry** 13(11):929-37, Nov 76

The distance between the contact sites for DNP and menadione ligands in the combining region of myeloma proteins binding both haptens--II. Estimation of distance using haptenic probes with variable length spacers. Rosenstein RW, et al. **Immunochemistry** 13(11):939-43, Nov 76

Cross-reactions between 2, 4-dinitrophenyl and menadione (vitamin K3) and the general problem of antibody specificity. Johnston MFM, et al. **J Immunol** 117(4):1189-96, Oct 76

Evidence for multispecificity of antibody molecules. Cameron DJ, et al. **Nature** 268(5622):763-5, 25 Aug 77

ISOLATION & PURIFICATION

On the chemical structure of menaquinones with the tetrahydrogenated isoprenoid side chain. Yamada Y, et al. **Biochim Biophys Acta** 486(1):195-203, 18 Jan 76

Separation of naphthoquinones and lipophilic vitamins by gel and thin-layer chromatography. Rittich B, et al. **J Chromatogr** 133(2):345-8, 21 Mar 77

METABOLISM

Hypovitaminosis K in coeliac disease. Rodesch P, et al. **Acta Paediatr Belg** 29(2):123-4, Apr-Jun 76

Localization of xanthine oxidase acitivty in hepatic tissue. A new histochemical method. Auscher C, et al. **Adv Exp Med Biol** 76A:605-9, 1977

Vitamin K1 intestinal absorption in vivo: influence of luminal contents on transport. Hollander D, et al. **Am J Physiol** 232(1):E69-74, Jan 77

Vitamin K2 colonic and ileal in vivo absorption: bile, fatty acids, and pH effects on transport. Hollander D, et al. **Am J Physiol** 233(2):E124-9, Aug 77

Estrogen and prothrombin synthesis: effect of estrogen on absorption of vitamin K1. Jolly DW, et al. **Am J Physiol** 232(1):H12-7, Jan 77

Activation of methionine synthase: further characterization of flavoprotein system. Fujii K, et al. **Arch Biochem Biophys** 178(2):662-70, 30 Jan 77

The functioning of cytochrome b in the electron transport to furmarate in Propionibacterium freudenreichii and Propionibacterium pentosaceum. De Vries W, et al. **Arch Microbiol** 112(3):271-6, 1 Apr 77

Inhibition of prothrombin synthesis and epoxidation of vitamin K1 by anticoagulants in vitro. Bell RG, et al. **Biochem Biophys Res Commun** 72(2):619-25, 20 SEP 76

An assay procedure for the vitamin K1 2,3-epoxide-reducing system of rat liver involving high-performance liquid chromatography. Elliott GR, et al. **Biochem Soc Trans** 4(4):615-7, 1976

Site of action of nonheme iron in the malate (flavine adenine dinucleotide) pathway of Mycobacterium phlei. Tyagi AK, et al. **Can J Microbiol** 22(7):1054-7, Jul 76

Metabolic reduction of 4-nitroquinoline N-oxide and other radical-producing drugs to oxygen-reactive intermediates. Biaglow JE, et al. **Cancer Res** 37(9):3306-13, Sep 77

Dysnutrition, wound healing, and resistance to infection.

Levenson SM, et al. **Clin Plast Surg** 4(3):375–88, Jul 77 (100 ref.)

Entamoeba histolytica: diaphorase activities. Weinbach EC, et al. **Exp Parasitol** 41(1):186–97, Feb 77

Correlation of the function of demethylmenaquinone in bacterial electron transport with its redox potential. Holländer R. **FEBS Lett** 72(1):98–100, 15 Dec 76

Interrelationships of mycotoxins with nutrition. Hamilton PB. **Fed Proc** 36(6):1899–902, May 77 (40 ref.)

Energy-dependent incorporation of sphingolipid precursors and fatty acids in Bacteriodes melaninogenicus. Lev M, et al. **J Bacteriol** 130(1):445–54, Apr 77

Vitamin K requirement and the concentration of vitamin K in rat liver. Knauer TE, et al. **J Nutr** 106(12):1747–51, Dec 76

Mechanism of action of anticoagulants: correlation between the inhibition of prothrombin synthesis and the regeneration of vitamin K1 from vitamin K1 epoxide. Ren P, et al. **J Pharmacol Exp Ther** 201(3):541–6, Jun 77

The spectrum of vitamin K deficiency. Ansell JE, et al. **JAMA** 238(1):40–2, 4 Jul 77

Cancer and vitamin K [letter] Egilsson V. **Lancet** 2(8031):254–5, 30 Jul 77

Cancer and vitamin K [letter] Hilgard P. **Lancet** 2(8034):403, 20 Aug 77

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

Metabolism of vitamin K1 (phylloquinone) in man. Barkhan P, et al. **Proc R Soc Med** 70(02):93–6, Feb 77

Vitamins E and K. Dam H. **Prog Food Nutr Sci** 1(2):139–43, 1975

Oral anticoagulant therapy: the biosynthetic basis. Suttie JW. **Semin Hematol** 14(3):365–74, Jul 77

[Normal mouth flora and its changes in gingivitis] van Palenstein Helderman WH. **Rev Belge Med Dent** 32(2):129–38, 1977 **(Dut)**

[Absorption and malabsorption of vitamins (author's transl)] Olsen WA. **Leber Magen Darm** 7(3):169–73, Jun 77 (Eng. Abstr.) **(Ger)**

[Mechanism of action of coumarin anti-coagulants (author's transl)] Martius F. **Ther Umsch** 34(5):329–33, May 77 (Eng. Abstr.) **(Ger)**

[Role of vitamin K in glycoprotein metabolism] Sharaev PN. **Vopr Pitan** (3):66–7, May–Jun 77 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effects of dipyridamole on sodium and potassium content of human red blood cells. Vettore L, et al. **Acta Haematol (Basel)** 57(4):193–8, Mar 77

Vitamin K1 intestinal absorption in vivo: influence of luminal contents on transport. Hollander D, et al. **Am J Physiol** 232(1):E69–74, Jan 77

Rat prothrombin: purification, characterization, and activation. Grant GA, et al. **Arch Biochem Biophys** 176(2):650–62, Oct 76

Vitamin K-dependent gamma-carboxyglutamic acid formation by kidney microsomes in vitro. Hauschka PV, et al. **Biochem Biophys Res Commun** 71(4):1207–13, 23 Aug 76

Effect of vitamin K homologues on the conversion of preprothrombin to prothrombin in rat liver microsomes. Jones JP, et al. **Biochem Biophys Res Commun** 72(2):589–97, 20 SEP 76

Synthesis of clotting factors by a cell-free system from rat liver in response to the addition of vitamin K1 in vitro. Lowenthal J, et al. **Biochem Biophys Res Commun** 74(1):25–32, 10 Jan 77

Characterization of a membrane-bound nitrate reductase from Azotobacter chroococcum. Vila R, et al. **Biochem Biophys Res Commun** 75(3):682–8, 11 Apr 77

Mitochondrial proline dehydrogenase deficiency in hyperprolinemic PRO/Re mice: genetic and enzymatic analyses. Blake RL, et al. **Biochem Genet** 14(9–10):739–57, Oct 76

Studies on the mechanism of hepatic microsomal N-oxide formation. The role of cytochrome P-450 and mixed-function amine oxidase in the N-oxidation of NN-dimethylaniline. Hlavica P, et al. **Biochem J** 164(3):487–96, 15 Jun 77

Analysis of the effects of inhibitors on NADPH-dependent electron transport in rat liver microsomes. Archakov AI, et al. **Biochem Pharmacol** 26(5):389–92, 1 Mar 77

Influence of amytal and menadione on high-energy phosphates and acid secretion in frog gastric mucosa. Hersey SJ. **Biochim Biophys Acta** 496(2):359–66, 28 Feb 77

Inactivation of infectivity of phiX174 DNA by menadione and reduced menadione. Morita J, et al. **Biochim Biophys Acta** 475(2):403–7, 18 Mar 77

Metabolic reduction of 4-nitroquinoline N-oxide and other radical-producing drugs to oxygen-reactive intermediates. Biaglow JE, et al. **Cancer Res** 37(9):3306–13, Sep 77

Mode of action of the bioreductive alkylating agent, 2,3-bis(chloromethyl)-1,4-naphthoquinone. Cosby LA, et al. **Cancer Res** 36(11 Pt 1):4023–31, Nov 76

Reconstitution of reduced nicotinamide adenine dinucleotide oxidase activity with menadione in membrane vesicles from the menaquinone-deficient Bacillus subtilis aro D. Relation between electron transfer and active transport. Bisschop A, et al. **Eur J Biochem** 67(2):357–65, 16 Aug 76

Partial sequence of rat prothrombin and the activity of two related pentapeptides as substrates for the vitamin K-dependent carboxylase system. Houser RM, et al. **FEBS Lett** 75(1):226–30, 15 Mar 77

Vitamin K – dependent synthesis and modification of precursor prothrombin in cultured liver cells. p. 401. Munns TW, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.**

Hydrogenase activity and the H2-fumarate electron transport system in Bacteroides fragilis. Harris MA, et al. **J Bacteriol** 131(3):922–8, Sep 77

Studies on the microsomal electron-transport system of anaerobically grown yeast. V. Purification and characterization of NADPH-cytochrome c reductase. Kubota S, et al. **J Biochem (Tokyo)** 81(1):197–205, Jan 77

The NADH dehydrogenase of the respiratory chain of Escherichia coli. II. Kinetics of the purified enzyme and the effects of antibodies elicited against it on membrane-bound and free enzyme. Dancey GF, et al. **J Biol Chem** 251(19):5921–8, 10 Oct 76

Vitamin K-dependent carboxylase. Solubilization and properties. Esmon CT, et al. **J Biol Chem** 251(20):6238–43, 25 Oct 76

Mechanism of C-5 double bond introduction in the biosynthesis of cholesterol by rat liver microsomes. Reddy VV, et al. **J Biol Chem** 252(9):2797–801, 10 May 77

Vitamin K-dependent carboxylase. Development of a peptide substrate. Suttie JW, et al. **J Biol Chem** 251(18):5827–30, 25 Sep 76

Current status of the thiol redox model for the regulation of hexose transport by insulin. Czech MP. **J Cell Physiol** 89(4):661–8, Dec 76

The use of ferricyanide for the electron microscopic demonstration of dehydrogenases in human steroidogenic cells. Benkoël L, et al. **J Histochem Cytochem** 24(11):1194–203, Nov 76

Prothrombin. Mann KG. **Methods Enzymol** 45:123–56, 1976

Improved procedures for the purification of selected vitamin K-dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38, 1976 (95 ref.)

Modification of the radiation resistance of Aspergillus flavus mycelial units by some chemicals. Mohyuddin M, et al. **Radiat Environ Biophys** 14(1):39–45, 27 Apr 77

Increased potassium permeability induced in vitro by menadione in normal human red cells. Vettore L, et al. **Scand J Haematol** 18(1):61–6, Jan 77

[Mechanism of action of vitamin K and how it is affected by anticoagulants] Schade R, et al. **Pharmazie** 31(9):585–9, 1976 (70 ref.) **(Ger)**

[Studies on the thymidine-triphosphate synthesis in malignant tumors. II. Effect of hyperthermia, Vitamin K and Cytotoxic agents (author's transl)] Kummer D, et al. **Z Krebsforsch** 88(2):145–56, 21 Jan 77 (Eng. Abstr.) **(Ger)**

[Menadione and its stimulant effect on the growth of animals] De Lima OG, et al. **Rev Inst Antibiot (Recife)** 14(1–2):29–38, Dec 74 (Eng. Abstr.) **(Por)**

[Antagonism between the action of sodium salicylate and vikasol on the wall of the stomach] Sharaev PN, et al. **Vopr Med Khim** (1):83–4, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Vitamin K-dependent formation of gamma-carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157–72, 1977 (113 ref.)

Progress in the field of fat-soluble vitamins and carotenoids. Isler O. **Experientia** 33(5):555–73, 15 May 77 (50 ref.)

The biochemistry of prothrombin activation. pp. 61–99. Jackson CM. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 1604h 1975.** (175 ref.)

Effect of warfarin on the kinetics of the vitamin K-dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

Vitamin K, prothrombin and gamma-carboxyglutamic acid

[editorial]. Stenflo J. **N Engl J Med** 296(11):624–6, 17 Mar 77

[The importance of clinical observations for medical research] Koller F. **Schweiz Med Wochenschr** 106(44):1489–98, 30 Oct 76 (84 ref.) (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Bleeding from self-administration of phenindione: a detailed case study. Gover PA, et al. **Br J Haematol** 33(4):551–64, Aug 76

Vitamin-K deficiency in the newborn [letter] **Lancet** 2(8030):187–8, 23 Jul 77

Subaponeurotic haemorrhage of the newborn. Williams MF, et al. **S Afr Med J** 52(5):176–8, 23 Jul 77

Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)

[A patient who survived a masive thallium poisoning] Muller WH. **Ned Tijdschr Geneeskd** 121(22):901–3, 28 May 77 (Eng. Abstr.) **(Dut)**

[Critical study of the prevention of post-operative thrombosis by means of anticoagulants. Review of statistics on 5318 cases] Arnulf G, et al. **Chirurgie** 102(1):57–67, 14–28 Jan 76 (Eng. Abstr.) **(Fre)**

[Diagnosis of acute acquired defects of coagulation and their therapy (author's transl)] Göbel EA. **Anaesthesist** 25(9):449–53, Sep 76 (Eng. Abstr.) **(Ger)**

[Hepatic failure and disorders of coagulation (author's transl)] Ohler WG. **Leber Magen Darm** 7(4):270–6, Aug 77 (Eng. Abstr.) **(Ger)**

[Side-effects of anticoagulants and their prevention (author's transl)] Koller F. **Praxis** 66(2):37–41, 11 Jan 77 (Eng. Abstr.) **(Ger)**

[Blood coagulation in newborns (author's transl)] Verron G, et al. **Zentralbl Chir** 101(26):1601–6, 1976 (Eng. Abstr.) **(Ger)**

[Systematic medical observation and care of aged people suffering from diseases of the veins (author's transl)] Kaufhold H. **ZFA [Dresden]** 31(4):353–6, 1976 **(Ger)**

[Pre-intensive treatment in the pre-coma stage of severe viral hepatitis] Arcuri F, et al. **Clin Ter** 77(4):307–15, 31 May 76 **(Ita)**

[Current trends in the treatment of patients with cranio-cerebral injuries. Personal experiences, with special reference to the prevention and therapy of gastrointestinal hemorrhages and to treatment with L-dopa] Zuccoli P, et al. **Minerva Anestesiol** 42(7–8):527–36, Jul–Aug 76 (Eng. Abstr.) **(Ita)**

[A case of nodular purpura in an infant] Scotta MS, et al. **Minerva Pediatr** 29(20):1311–4, 9 Jun 77 (Eng. Abstr.) **(Ita)**

[Effect of vitamin K on proconvertin metabolism in thyrotoxicosis] Petrishchev NN, et al. **Patol Fiziol Eksp Ter** (3):68–9, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Vitamins K and E and the functional state of connective tissue] Matusis II. **Vopr Pitan** (1):27–30, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Hypoprothrombinemia and bleeding associated to treatment with cholestyramine (author's transl)] Acuña R, et al. **Rev Med Chil** 105(1):27–8, Jan 77 (Eng. Abstr.) **(Spa)**

URINE

Bleeding from self-administration of phenindione: a detailed case study. Gover PA, et al. **Br J Haematol** 33(4):551–64, Aug 76

VITAMIN K DEFICIENCY

Early signs of deficiencies of fat-soluble vitamins. Brubacher G. **Bibl Nutr Dieta** (23):51–60, 1976 (22 ref.)

Experimental vitamin K deficiency and spontaneous metastases. Hilgard P. **Br J Cancer** 35(6):891–2, Jun 77

Vitamin K, prothrombin and gamma-carboxyglutamic acid [editorial]. Stenflo J. **N Engl J Med** 296(11):624–6, 17 Mar 77

Vitamins E and K. Dam H. **Prog Food Nutr Sci** 1(2):139–43, 1975

BLOOD

Heparin-like inhibitor, not vitamin-K deficiency, in the newborn [letter]. van Doorm JM, et al. **Lancet** 1(8016):852–3, 16 Apr 77

Heparin-like inhibitor of blood coagulation in normal newborn. Muller AD, et al. **Nature** 267(5612):616–7, 16 Jun 77

CHEMICALLY INDUCED

Haemorrhagic disease of the newborn in the offspring of rifampicin and isoniazid treated mothers. Eggermont E, et al. **Acta Paediatr Belg** 29(2):87–90, Apr–Jun 76

Rat liver prothrombin precursors: purification of a second, more basic form. Grant GA, et al. **Biochemistry** 15(24):5387–93, 30 Nov 76

Drugs and vitamin deficiency. Clark F. **J Hum Nutr** 30(5):333–7, Oct 76 (41 ref.)

COMPLICATIONS

Estrogen and prothrombin synthesis: effect of estrogen on absorption of vitamin K1. Jolly DW, et al. **Am J Physiol** 232(1):H12–7, Jan 77

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

The spectrum of vitamin K deficiency. Ansell JE, et al. **JAMA** 238(1):40–2, 4 Jul 77

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

Vitamin E report [letter] Herbert V. **Nutr Rev** 35(6):158, Jun 77

Care of the critically ill child: the bleeding neonate. Glader BE, et al. **Pediatrics** 58(4):548–55, Oct 76

Vitamins E and K. Dam H. **Prog Food Nutr Sci** 1(2):139–43, 1975

Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)

[A case of nodular purpura in an infant] Scotta MS, et al. **Minerva Pediatr** 29(20):1311–4, 9 Jun 77 (Eng. Abstr.) **(Ita)**

[Intracranial hemorrhage in an infant due to vitamin K deficiency --successful management of spontaneous intracerebral and subjural hematoma] Shirai S, et al. **Brain Nerv** 28(12):1359–64, Dec 76 (Eng. Abstr.) **(Jpn)**

[Determination of prothrombin] Yasunaga K. **Jpn J Clin Med** 34 suppl:2433–43, 1976 (38 ref.) **(Jpn)**

[Transient vitamin K deficiency and secondary hypoprothrombinemia in infants and older children] Frelek M, et al. **Pediatr Pol** 51(8):951–6, AUG 76 (Eng. Abstr.) **(Pol)**

CONGENITAL

[Blood coagulation in newborns (author's transl)] Verron G, et al. **Zentralbl Chir** 101(26):1601–6, 1976 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Early signs of deficiencies of fat-soluble vitamins. Brubacher G. **Bibl Nutr Dieta** (23):51–60, 1976 (22 ref.)

Nutritional principles in management of infants and small children with gastrointestinal disorders. Younoszai MK, et al. **Clin Gastroenterol** 6(2):321–40, May 77

DRUG THERAPY

[Intracranial hemorrhage in an infant due to vitamin K deficiency --successful management of spontaneous intracerebral and subjural hematoma] Snirai S, et al. **Brain Nerv** 28(12):1359–64, Dec 76 (Eng. Abstr.) **(Jpn)**

[Vitamins K and E and the functional state of connective tissue] Matusis II. **Vopr Pitan** (1):27–30, May–Jun 76 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

A survey of rat tissues for phylloquinone epoxidase activity. Friedman PA, et al. **Biochem Pharmacol** 26(8):804–5, 15 Apr 77

Partial sequence of rat prothrombin and the activity of two related pentapeptides as substrates for the vitamin K-dependent carboxylase system. Houser RM, et al. **FEBS Lett** 75(1):226–30, 15 Mar 77

Vitamin K-dependent carboxylase. Solubilization and properties. Esmon CT, et al. **J Biol Chem** 251(20):6238–43, 25 Oct 76

Vitamin K-dependent carboxylase. Development of a peptide substrate. Suttie JW, et al. **J Biol Chem** 251(18):5827–30, 25 Sep 76

[Influence of uncoupling agents on the capacity of transamidinase in kidney and pancreas] Methfessel J, et al. **Acta Biol Med Ger** 35(3–4):317–23, 1976 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Hypovitaminosis K in coeliac disease. Rodesch P, et al. **Acta Paediatr Belg** 29(2):123–4, Apr–Jun 76

[Septic shock in the urologic patient. II. Pathomechanisms of hemostatic disorders (author's transl)] Marx FJ, et al. **Urologe [A]** 16(4):241–3, Jul 77 (Eng. Abstr.) **(Ger)**

METABOLISM

Early signs of deficiencies of fat-soluble vitamins. Brubacher G. **Bibl Nutr Dieta** (23):51–60, 1976 (22 ref.)

Estrogen and prothrombin synthesis. The prothrombinogenic action of estrogen. Jolly DW, et al. **Biochem Biophys Res Commun** 74(1):41–9, 10 Jan 77

Synthesis of clotting factors by a cell-free system from rat liver in response to the addition of vitamin K1 in vitro. Lowenthal J, et al. **Biochem Biophys Res Commun** 74(1):25–32, 10 Jan 77

Rat liver prothrombin precursors: purification of a second, more basic form. Grant GA, et al. **Biochemistry** 15(24):5387–93, 30 Nov 76

[Vitamins K and E and the functional state of connective tissue] Matusis II. **Vopr Pitan** (1):27–30, May–Jun 76 (Eng. Abstr.) **(Rus)**

[Role of vitamin K in glycoprotein metabolism] Sharaev PN. **Vopr Pitan** (3):66–7, May–Jun 77 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

[Vitamins K and E and the functional state of connective tissue] Matusis II. **Vopr Pitan** (1):27–30, May–Jun 76 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Vitamin-K deficiency in the newborn [letter] **Lancet** 2(8030):187–8, 23 Jul 77

VON WILLEBRAND'S DISEASE

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)

Spectrum of von Willebrand's Disease: a study of 100 cases. Italian Working Group. **Br J Haematol** 35(1):101–12, Jan 77

Von Willebrand's disease--history, diagnosis and management. Mammen EF. **Semin Thromb Hemostas** 2(2):61–84, Oct 75

[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979–980):175–94, May–Jun 76 (177 ref.) **(Ita)**

[Von Villebrand-Jürgens' disease and reproduction] Cairo-Antelo JM, et al. **Acta Obstet Ginecol Hisp Lusit** 25(1):51–60, Jan 77 **(Spa)**

[Von Willebrand's disease] Holmberg L. **Lakartidningen** 74(18):1834–7, 4 May 77 (Eng. Abstr.) **(Swe)**

BLOOD

The effect of ionophore on platelet aggregation in von Willebrand's disease and in congenital afibrinogenemia. A comparison with ristocetin. Girolami A, et al. **Acta Haematol (Basel)** 56(3):151–9, 1976

Human model for the study of abnormal platelet function in atherosclerotic heart disease [letter]. Ambrose JA, et al. **Am J Cardiol** 38(5):667–8, 4 NOV 76

von Willebrand's disease: current concepts. Green D, et al. **Am J Med** 62(3):315–8, Mar 77

Inhibition of ristocetin-induced platelet agglutination by vancomycin. Moake JL, et al. **Blood** 50(3):397–406, Sep 77

Immunologic evidence that the antihemophilic factor (factor VIII)-like material in hemophilic plasma possesses a nonfunctional low molecular weight subcomponent. Poon MC, et al. **Blood** 50(3):367–76, Sep 77

Spectrum of von Willebrand's Disease: a study of 100 cases. Italian Working Group. **Br J Haematol** 35(1):101–12, Jan 77

Changes in electrophoretic mobility of human factor VIII-related antigen: evidence for subunit structure. Ekert H, et al. **Br J Haematol** 36(2):271–9, Jun 77

Studies on factor VIII activation potential in hemophilia A-plasma and its significance for the comprehension of hemophilia. Mingers AM. **Eur J Pediatr** 123(3):187–98, 1 Oct 76

Inhibition of human platelet aggregation by the proteolytic effect of streptokinase. Role of the human factor-VIII-related protein. Castillo R, et al. **Haemostasis** 5(5):306–17, 1976

Von Willebrand's syndrome. Studies on a variant factor VIII. Hill FG, et al. **Haemostasis** 5(5):276–84, 1976

Localization of factor VIII/Von Willebrand protein on platelets. Electron microscopy study with peroxidase-labelled antibodies. pp. 479–85. Jeanneau C, et al.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.

Stabilization of factor VIII in plasma by the von Willebrand factor. Studies on posttransfusion and dissociated factor VIII and in patients with von Willebrand's disease. Weiss HJ, et al. **J Clin Invest** 60(2):390–404, Aug 77

An in vitro measurement of bleeding time. Blakely J, et al. **J Lab Clin Med** 89(6):1306–13, Jun 77

The nature of the interaction between ristocetin-Willebrand factor VIII coagulant activity molecule. Brockway WJ, et al. **J Lab Clin Med** 89(6):1295–1305, Jun 77

Studies on the prolonged bleeding time in von Willebrand's disease. Mannucci PM, et al. **J Lab Clin Med** 88(4):662–71, Oct 76

Purification of porcine and human ristocetin-Willebrand factor. Olson JD, et al. **J Lab Clin Med** 89(6):1278–94, Jun 77

The substructure of antihemophilic factor (AHF, factor VIII): some clearing of the fog. Ratnoff OD. **J Lab Clin Med** 89(6):1159–62, Jun 77

Von Willebrand disease San Diego [letter]. Hougie C. **Lancet** 1(8002):93–4, 8 Jan 77

Von Willebrand disease San Diego [letter]. Veltkamp JJ, et al. **Lancet** 2(7991):909, 23 Oct 76

Von Willebrand's disease: combined qualitative and quantitative abnormalities. Gralnick HR, et al. **N Engl J Med** 296(18):1024–30, 5 May 77

Platelets and factor VIII in von Willebrand's disease [letter]. Green D, et al. **N Engl J Med** 296(23):1357, 9 Jun 77

Von Willebrand's disease [letter] Head DR, et al. **N Engl J Med** 297(10):558, 8 Sep 77

Endothelial cells and the biology of factor VIII. Jaffe EA. **N Engl J Med** 296(7):377–83, 17 Feb 77

Von Willebrand's disease and the molecular pathology of hemostasis [editorial]. Nachman RL. **N Engl J Med** 296(18):1059–60, 5 May 77

Von Willebrand's disease and pregnancy. Krishnamurthy M, et al. **Obstet Gynecol** 49(2):244–7, Feb 77

Macromolecular factor VIII complex: functional and structural heterogeneity observed in von Willebrand swine with transfusion. Griggs TR, et al. **Proc Natl Acad Sci USA** 74(2):759–63, Feb 77

Infusion of human and canine factor VIII in dogs with von Willebrand's disease: studies of the von Willebrand and factor VIII synthesis stimulating factors. Bouma BN, et al. **Scand J Haematol** 17(4):263–75, Oct 76

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

Factor VIII in von Willebrand' disease. Irwin JF. **Semin Thromb Hemostas** 2(2):85–104, Oct 75 (125 ref.)

The platelet in von Willebrand's disease: interactions with ristocetin and factor VIII. Walsh RT. **Semin Thromb Hemostas** 2(2):105–115, Oct 75 (83 ref.)

Platelet interaction with collagen fibrils in flowing blood. II. Impaired adhesion-aggregation in bleeding disorders. A comparison with subendothelium. Baumgartner HR, et al. **Thromb Haemostas** 37(1):17–28, 28 Feb 77

Family studies of patients with reduced ristocetin aggregation and abnormalities of factor VIII and/or platelet function. Ekert H, et al. **Thromb Haemostas** 36(1):78–85, 31 Aug 76

On the characterization of acquired inhibitors to ristocetin induced platelet aggregation found in patients with von Willebrand's disease. Egberg N, et al. **Thromb Res** 9(5):527–31, Nov 76

Effect of exercise on F VIII-complex: proportional increase of ristocetin cofactor (Von Willebrand factor) and F VIII-AGN, but disproportional increase of F VIII-AHF. Stibbe J. **Thromb Res** 10(1):163–8, Jan 77

[Quantitative determination of Willebrand factor activity in Willebrand's disease] Buchvarova V, et al. **Vutr Boles** 15(3):92–4, 1976 (Eng. Abstr.) **(Bul)**

[Megakaryocytes and platelets in congenital thrombopathies] Boisseau MR, et al. **Nouv Rev Fr Hematol** 16(3):427–6, 1976 (Eng. Abstr.) **(Fre)**

[The hazards of a normal coagulogram] Neemeh JA, et al. **Union Med Can** 106(1):58–60, Jan 77 (Eng. Abstr.) **(Fre)**

[Capacity of activation of so-called deficient factors in hereditary blood coagulation disorders] Mingers AM. **Fortschr Med** 94(30):1723–5, 21 Oct 76 (Eng. Abstr.) **(Ger)**

[Studies on the diagnosis of von Willebrand's disease and its variants] Heinrich D, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1641–3, 1976 **(Ger)**

[The laboratory diagnosis of von Willebrand's disease (author's transl)] Niessner H. **Wien Klin Wochenschr** 88(7):221–31, 2 Apr 76 (Eng. Abstr.) **(Ger)**

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

[Physiochemical properties and structure of factor VIII] Bykowska K. **Acta Haematol Pol** 8(1):57–63, Jan–Mar 77 (40 ref.) **(Pol)**

COMPLICATIONS

Structure and Barr body formation of an Xp + chromosome with two inactivation centers. Daly RF, et al. **Am J Hum Genet** 29(1):83–93, Jan 77

von Willebrand's disease and hemorrhagic telangiectasia: association of two complex disorders of hemostasis resulting in life–threatening hemorrhage. Ahr DJ, et al. **Am J Med** 62(3):452–8, Mar 77

Sickle cell trait and hematuria associated with von Willebrand syndromes. Brody JI, et al. **Ann Intern Med** 86(5):529–33, May 77

Dental extractions in a family with von Willebrand's disease. Campbell HD, et al. **Br Dent J** 142(12):402–4, 21 Jun 77

Pancreatic pseudocyst in a patient with variant von Willebrand's disease. Kikkawa R, et al. **Gastroenterol Jpn** 12(1):65–8, 1977

Conservative management of joint degeneration associated with bleeding disorder. McDonough MW, et al. **J Am Podiatry Assoc** 66(10):784–5, Oct 76

Von Willebrand's disease with haemarthrosis (a case report). Misra RC, et al. **J Assoc Physicians India** 24(6):391–3, Jun 76

Combined von Willebrand disease and Hageman factor deficiency. Buchanan GR, et al. **J Pediatr** 90(5):779–81, May 77

Ultrasonography in the management of haemophilia. McVerry BA, et al. **Lancet** I(8017):872–4, 23 Apr 77

Angiodysplasia in acquired von Willebrand disease [letter]. Wautier J, et al. **Lancet** 2(7992):973, 30 Oct 76

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)

[Severe epistaxis in hemorrhagic syndromes (excepting Rendu–Osler disease)] Josso F. **Ann Otolaryngol Chir Cervicofac** 93(1–2):15–21, Jan–Feb 76 (Eng. Abstr.) **(Fre)**

[Life–threathening tracheal obstruction following intubation in a case of Willebrand–Jürgens disease] Gabriel W, et al. **Prakt Anaesth** 11(5):349–53, Oct 76 (Eng. Abstr.) **(Ger)**

[Association of von Willebrand's disease with Ehlers–Danlos syndrome] Iurlov VM. **Ter Arkh** 48(8):150–2, 1976 **(Rus)**

DIAGNOSIS

Classic hemophilia A in a female. Joist JH, et al. **Acta Haematol (Basel)** 58(2):94–102, 1977

Von Willebrand's disease––fifty years old. Nilsson IM. **Acta Med Scand** 201(6):497–508, 1977

Von Willebrand's disease––a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)

In vivo dissociation of factor VII (AHF) activity and factor VII–related antigen in von Willebrand's disease. Lian EC, et al. **Am J Hematol** 1(1):71–8, 1976

NIH conference. Factor VIII. **Ann Intern Med** 86(5):598–616, May 77

Dextran 40–induced coagulopathy confused with von Willebrand disease. Brodman RF, et al. **Arch Surg** 112(3):321–2, Mar 77

Spectrum of von Willebrand's Disease: a study of 100 cases. Italian Working Group. **Br J Haematol** 35(1):101–12, Jan 77

Congenital hemorrhagic disorders. Better tests for von Willebrand's. Low dosage in diabetic ketoacidosis. **JAMA** 238(15):1625–6, 10 Oct 77

Von Willebrand's disease––history, diagnosis and management. Mammen EF. **Semin Thromb Hemostas** 2(2):61–84, Oct 75

[Methods of measurement of Willebrand activity on microtitration plates] Sultan Y, et al. **Nouv Presse Med** 6(1):44–6, Jan 77 **(Fre)**

[Studies on the diagnosis of von Willebrand's disease and its variants] Heinrich D, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1641–3, 1976 **(Ger)**

[New aspects of the differential diagnosis of congenital and acquired thrombopathies] Scharrer I, et al. **Verh Dtsch Ges Inn Med** 82 Pt 2:1638–40, 1976 **(Ger)**

[The laboratory diagnosis of von Willebrand's disease (author's transl)] Niessner H. **Wien Klin Wochenschr** 88(7):221–31, 2 Apr 76 (Eng. Abstr.) **(Ger)**

[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979–980):175–94, May–Jun 76 (177 ref.) **(Ita)**

[Diagnostic criteria for von Willebrand's disease] Abe E. **Jpn J Clin Hematol** 17(10):1128–9, Oct 76 **(Jpn)**

[A case of combined deficiency of factor IX and factor VIII with prolonged bleeding time (author's transl)] Kudo Y, et al. **Jpn J Clin Hematol** 18(1):81–7, Jan 77 (Eng. Abstr.) **(Jpn)**

[Advances in hematology. Willebrand's disease and hemophilia A in the light of latest studies of the factor VIII] Zawilska K. **Pol Arch Med Wewn** 56(8):179–84, Aug 76 (36 ref.) **(Pol)**

[Association of von Willebrand's disease with Ehlers–Danlos syndrome] Iurlov VM. **Ter Arkh** 48(8):150–2, 1976 **(Rus)**

[Investigations about potential coagulation activities of so called deficient factors in hereditary clotting diseases] Mingers AM. **Folia Clin Int (Barc)** 26(5):237–52, May 76 **(Spa)**

[Von Willebrand's disease] Holmberg L. **Lakartidningen** 74(18):1834–7, 4 May 77 (Eng. Abstr.) **(Swe)**

DRUG THERAPY

Platelet function and immunologic parameters in von Willebrand's disease following cryoprecipitate and factor VIII concentrate infusion. Chediak JR, et al. **Am J Med** 62(3):369–76, Mar 77

Antihemophilic factor concentrate therapy in von Willebrand disease. Dissociation of bleeding–time factor and ristocetin–cofactor activities. Blatt PM, et al. **JAMA** 236(24):2770–2, 13 Dec 76

D.D.A.V.P. in haemophilia [editorial]. **Lancet** I(8017):889–90, 23 Apr 77

1–Deamino–8–d–arginine vasopressin: a new pharmacological approach to the management of haemophilia and von Willebrands' diseases. Mannucci PM, et al. **Lancet** I(8017):869–72, 23 Apr 77

On the characterization of acquired inhibitors to ristocetin induced platelet aggregation found in patients with von Willebrand's disease. Egberg N, et al. **Thromb Res** 9(5):527–31, Nov 76

FAMILIAL & GENETIC

Von Willebrand's disease––fifty years old. Nilsson IM. **Acta Med Scand** 201(6):497–508, 1977

Von Willebrand's disease––a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)

In vivo dissociation of factor VII (AHF) activity and factor VII–related antigen in von Willebrand's disease. Lian EC, et al. **Am J Hematol** 1(1):71–8, 1976

von Willebrand's disease and hemorrhagic telangiectasia: association of two complex disorders of hemostasis resulting in life–threatening hemorrhage. Ahr DJ, et al. **Am J Med** 62(3):452–8, Mar 77

von Willebrand's disease: current concepts. Green D, et al. **Am J Med** 62(3):315–8, Mar 77

NIH conference. Factor VIII. **Ann Intern Med** 86(5):598–616, May 77

Spectrum of von Willebrand's Disease: a study of 100 cases. Italian Working Group. **Br J Haematol** 35(1):101–12, Jan 77

Factor VIII in von Willebrand' disease. Irwin JF. **Semin Thromb Hemostas** 2(2):85–104, Oct 75 (125 ref.)

Family studies of patients with reduced ristocetin aggregation and abnormalities of factor VIII and/or platelet function. Ekert H, et al. **Thromb Haemostas** 36(1):78–85, 31 Aug 76

[HLA antigen and Willebrand's disease (author's transl)] Goudemand J, et al. **Pathol Biol (Paris)** 25(4):241–3, Apr 77 (Eng. Abstr.) **(Fre)**

[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979–980):175–94, May–Jun 76 (177 ref.) **(Ita)**

[Physiochemical properties and structure of factor VIII] Bykowska K. **Acta Haematol Pol** 8(1):57–63, Jan–Mar 77 (40 ref.) **(Pol)**

[Blood platelet disorders. I. Genetically determined syndrome] Michalski R, et al. **Acta Haematol Pol** 8(1):49–55, Jan–Mar 77 (30 ref.) **(Pol)**

HISTORY

Von Willebrand's disease––fifty years old. Nilsson IM. **Acta Med Scand** 201(6):497–508, 1977

Von Willebrand's disease––history, diagnosis and

management. Mammen EF. **Semin Thromb Hemostas** 2(2):61–84, Oct 75

IMMUNOLOGY

Determination of factor VIII–related antigen using commercial antisera. Chediak J, et al. **Am J Clin Pathol** 67(5):462–9, May 77

In vivo dissociation of factor VII (AHF) activity and factor VII–related antigen in von Willebrand's disease. Lian EC, et al. **Am J Hematol** 1(1):71–8, 1976

Platelet function and immunologic parameters in von Willebrand's disease following cryoprecipitate and factor VIII concentrate infusion. Chediak JR, et al. **Am J Med** 62(3):369–76, Mar 77

Acquired von Willebrand syndrome with inhibitors both to factor VIII clotting activity and ristocetin–induced platelet aggregation. Stableforth P, et al. **Br J Haematol** 33(4):565–73, Aug 76

Von Willebrand's disease [editorial]. **Br Med J** 2(6038):715–6, 25 Sep 76

Double–antibody radioimmunoassay for factor VIII–related antigen. Green D, et al. **Clin Chem** 23(9):1648–53, Sep 77

Studies on the altered electrophoretic type of the factor VIII related antigen. Ananthakrishnan R, et al. **Hum Genet** 35(1): 71–7, 29 Dec 76

Platelets and factor VIII in von Willebrand's disease [letter]. Green D, et al. **N Engl J Med** 296(23):1357, 9 Jun 77

Von Willebrand's disease [letter] Head DR, et al. **N Engl J Med** 297(10):558, 8 Sep 77

Infusion of human and canine factor VIII in dogs with von Willebrand's disease: studies of the von Willebrand and factor VIII synthesis stimulating factors. Bouma BN, et al. **Scand J Haematol** 17(4):263–75, Oct 76

Assay of f. VIII–related antigen in a variant of von Willebrand's disease [letter] Over J, et al. **Thromb Haemostas** 37(2):367–70, 30 Apr 77

Abnormal factor VIII related antigen (FVIIIRAG) in von Willebrand's disease (vWd): decreased precipitation by concanavalin A [letter] Peake IR, et al. **Thromb Haemostas** 37(2):361–2, 30 Apr 77

The use of an immunoradiometric assay for factor VIII related antigen in the study of atypical Von Willebrand's disease. Peake IR, et al. **Thromb Res** 10(1):27–32, Jan 77

Factor VIII related antigen in platelets of patients with Von Willebrand's disease. Sultan Y, et al. **Thromb Res** 11(1):23–30, Jul 77

[Radioimmunoassay of antihemophilic factor A] Strike L, et al. **Nouv Presse Med** 5(42):2877–9, 11 Dec 76 (Eng. Abstr.) **(Fre)**

[HLA antigen and Willebrand's disease (author's transl)] Goudemand J, et al. **Pathol Biol (Paris)** 25(4):241–3, Apr 77 (Eng. Abstr.) **(Fre)**

[Von Willebrand–Jürgens syndrome with a variant of factor VIII–associated antigen] Böttcher D, et al. **Blut** 33(1):33–40, Jul 76 (Eng. Abstr.) **(Ger)**

[Immunological studies on factor VIII in hemophilia and von Willebrand disease] Casillas G, et al. **Medicina (B Aires)** 37(3):215–22, May–Jun 77 (Eng. Abstr.) **(Spa)**

METABOLISM

Effect of thrombin and ADP on a membrane bound cyclic AMP dependent kinase of human platelets. Studies on normal platelets and those from patients with Von Willebrand's disease. Smith D, et al. **Thromb Res** 10(2):301–8, Feb 77

OCCURRENCE

Inherited bleeding syndromes in Iraq. Al–Mondhiry HA. **Thromb Haemostas** 37(3):549–55, 30 Jun 77

PHYSIOPATHOLOGY

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Von Willebrand's disease---history, diagnosis and management. Mammen EF. **Semin Thromb Hemostas** 2(2):61–84, Oct 75

[Classification of platelet function abnormalities (author's transl)] Deguchi K. **Jpn J Clin Hematol** 17(7):716–29, Jul 76 (98 ref.) **(Jpn)**

THERAPY

NIH conference. Factor VIII. **Ann Intern Med** 86(5):598–616, May 77

Von Willebrand's disease [editorial]. **Br Med J** 2(6038):715–6, 25 Sep 76

Stabilization of factor VIII in plasma by the von Willebrand factor. Studies on posttransfusion and dissociated factor VIII and in patients with von Willebrand's disease. Weiss HJ, et al. **J Clin Invest** 60(2):390–404, Aug 77

Von Willebrand's disease and pregnancy. Krishnamurthy M, et al. **Obstet Gynecol** 49(2):244–7, Feb 77

Factor VIII in von Willebrand' disease. Irwin JF. **Semin Thromb Hemostas** 2(2):85–104, Oct 75 (125 ref.)

[Von Willebrand's disease] Holmberg L. **Lakartidningen** 74(18):1834–7, 4 May 77 (Eng. Abstr.) **(Swe)**

WARFARIN

Influence of long–chain free fatty acids on the binding of waraarin to bovine serum albumin. Chakrabarti S, et al. **Biochem Pharmacol** 25(22):2515–21, 15 NOV 76

Rat liver prothrombin precursors: purification of a second, more basic form. Grant GA, et al. **Biochemistry** 15(24):5387–93, 30 Nov 76

The gamma–carboxy glutamic acid content of human and bovine prothrombin following warfarin treatment. Esnouf MP, et al. **Biochim Biophys Acta** 490(2):471–6, 22 Feb 77

The N–terminal activation fragment of bovine prothrombin. Immunological studies leading to a one step purification. Wallin R, et al. **Biochim Biophys Acta** 491(1):317–24, 28 Mar 77

The clinical significance and importance of drug interactions. pp. 3–13. Crooks J, et al.
In: Grahame–Smith, DG, ed. Drug interactions. Baltimore, Univ Park Press, 1977. QV 38 D7932 1975.

Drug–drug and drug–disease interactions in cardiovascular therapy. pp. 217–28. Dollery CT.
In: Grahame–Smith, DG, ed. Drug interactions. Baltimore, Univ Park Press, 1977. QV 38 D7932 1975.

The acquisition of information about drug interactions through the Boston Collaborative Drug Surveillance Program. pp. 15–9. Jick H.
In: Grahame–Smith, DG, ed. Drug interactions. Baltimore, Univ Park Press, 1977. QV 38 D7932 1975.

Vitamin K requirement and the concentration of vitamin K in rat liver. Knauer TE, et al. **J Nutr** 106(12):1747–51, Dec 76

[Dynamic dialysis method. III. Effect of sulfonamides on the binding of warfarin with bovine serum albumin] Goto S, et al. **J Pharm Soc Jpn** 96(5):565–570, May 76 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Management of anticoagulation in outpatients: experience with an anticoagulation service in a municipal hospital setting. Davis FB, et al. **Arch Intern Med** 137(2):197–202, Feb 77

Prevention of thromboembolic phenomena. Sakai DN, et al. **Clin Orthop** (121):108–12, Nov–Dec 76

Effect of warfarin on the metabolism of phylloquinone (vitamin K1):dose–response relationships in man. Shearer MJ, et al. **Clin Sci Mol Med** 52(6):621–30, Jun 77

Hemorrhagic femoral neuropathy: report of a case due to anticoagulant [letter]. Gilbert GJ, et al. **Dis Nerv Syst** 38(5):365, May 77

Predictive conversion of in vitro drug dissolution data into in vivo drug response versus time profiles exemplified for plasma levels of warfarin. Smolen VF, et al. **J Pharm Sci** 66(3):297–304, Mar 77

Effect of warfarin on the kinetics of the vitamin K–dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

Trousseau's syndrome and other manifestations of chronic disseminated coagulopathy in patients with neoplasms: clinical, pathophysiologic, and therapeutic features. Sack GH Jr, et al. **Medicine (Baltimore)** 56(1):1–37, Jan 77

The relationship between Normotest and Thrombotest in patients on oral anticoagulant therapy. Refsum N, et al. **Scand J Haematol** 18(4):333–6, Apr 77

Sudden death from stroke. Phillips LH, et al. **Stroke** 8(3):392–5, May–Jun 77

Control of graft arteriosclerosis in human heart transplant recipients. Griepp RB, et al. **Surgery** 81(3):262–9, Mar 77

The influence of the thyroid function on the metabolic rate of prothrombin, factor VII, and factor X in the rat. van Oosterom AT, et al. **Thromb Haemostas** 35(3):607–19, 30 Jun 76

[Experimentally induced increased tolerance to warfarin in the domestic mouse (Mus musculus)] Tannert W. **Monatsh Veterinaermed** 31(23):895–9, 1 Dec 76 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Relationship of maternal warfarin therapy in pregnancy to chondrodysplasia punctata: report of a case. Collins P, et al. **Am J Obstet Gynecol** 127(4):444–6, 15 Feb 77

Multiple congenital anomalies associated with oral anticoagulants. Shaul WL, et al. **Am J Obstet Gynecol** 127(2):191–8, 15 Jan 77

Intramural hematoma of the gastrointestinal tract. Hughes CE 3d, et al. **Am J Surg** 133(3):276–9, Mar 77

Spontaneous retroperitoneal bleeding in patients on chronic hemodialysis. Milutinovich J, et al. **Ann Intern Med** 86(2):189–92, Feb 77

Management of the patient with a prosthetic heart valve. Robicsek F, et al. **Ann Thorac Surg** 22(4):389–99, Oct 76 (107 ref.)

Management of anticoagulation in outpatients: experience with an anticoagulation service in a municipal hospital setting. Davis FB, et al. **Arch Intern Med** 137(2):197–202, Feb 77

Some disorders exhibiting brachytelephalangy. Gorlin RJ. **Birth Defects** 13(1):243–57, 1977 (94 ref.)

Some disorders exhibiting brachytelephalangy. Gorlin RJ. **Birth Defects** 13(2):243–57, 1977 (94 ref.)

Pregnancy in patients after valve replacement. Oakley C, et al. **Br Heart J** 38(11):1140–8, Nov 76

Chondrodysplasia punctata and maternal warfarin treatment. Abbott A, et al. **Br Med J** 1(6077):1639–40, 25 Jun 77

Recurrent hemorrhage from corpus luteum during anticoagulant therapy. Wong KP, et al. **Can Med Assoc J** 116(4):388–90, 19 Feb 77

Acute femoral neuropathy induced by oral anticoagulation. Dhaliwal GS, et al. **Dis Nerv Syst** 37(9):539–41, Sep 76

Hemorrhagic femoral neuropathy: report of a case due to anticoagulant [letter]. Gilbert GJ, et al. **Dis Nerv Syst** 38(5):365, May 77

Long-term self-administered heparin therapy for prevention and treatment of thromboembolic complications in pregnancy. pp. 247–60. Bonnar J. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Bilateral intrarenal hematomas from anticoagulants. Hidvegi RS. **J Can Assoc Radiol** 27(4):250–4, Dec 76

Factor IX antigen by radioimmunoassay. Abnormal factor IX protein in patients on warfarin therapy and with hemophilia B. Thompson AR. **J Clin Invest** 59(5):900–10, May 77

Hemarthrosis associated with sodium warfarin. Jaffer AM, et al. **J Rheumatol** 4(2):215–7, Summer 77

Late cardiac tamponade: a potentially lethal complication of open-heart surgery. Merrill W, et al. **J Thorac Cardiovasc Surg** 72(6):929–32, Dec 76

Hemopericardium, anticoagulation, and an endocardial pacemaker. A case report with description of new auscultatory and radiographic signs. Motomiya T, et al. **Jpn Heart J** 17(6):784–90, Nov 76

Warfarin-induced fetal abnormalities [letter]. Holzgreve W, et al. **Lancet** 2(7991):914–5, 23 Oct 76

Warfarin sodium in prevention of deep venous thrombosis and pulmonary embolism in patients with fractured neck of femur. Morris GK, et al. **Lancet** 2(7991):869–72, 23 Oct 76

A significant interaction between metronidazole and warfarin. Kazmier FJ. **Mayo Clin Proc** 51(12):782–4, Dec 76

Blindness due to an anticoagulant [letter] Maddox K. **Med J Aust** 1(12):420, 19 Mar 77

Case records of the Massachusetts General Hospital. Weekly clinicopathological exrecises. Case 49–1976. **N Engl J Med** 295(23):1309–13, 2 Dec 76

Hematuria in patients on anticoagulants [letter] Dajani YF. **N Engl J Med** 297(4):222, 28 Jul 77

Haemopericardium as a late complication in anticoagulant therapy following mitral valve replacement. Erdman S, et al. **Scand J Thorac Cardiovasc Surg** 10(3):205–7, 1976

Cerebral vascular lesions: infarction, hemorrhage, aneurysm, and arteriovenous malformation. Lukin RR, et al. **Semin Roentgenol** 12(1):77–89, Jan 77

Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)

Massive intraperitoneal hemorrhage from ruptured corpus luteum during anticoagulant therapy. Krause JR, et al. **South Med J** 69(9):1220–1, Sep 76

Soft tissue necrosis and gangrene complicating treatment with the coumarin derivatives. Bahadir I, et al. **Surg Gynecol Obstet** 145(4):497–500, Oct 77

Warfarin-associated embryopathy in a 17-week-old abortus. Barr M Jr, et al. **Teratology** 14(2):129–34, Oct 76

Warfarin embryopathy. Warkany J. **Teratology** 14(2):205–9, Oct 76 (20 ref.)

[On certain embryopathies induced by teratogenic agents (author's transl)] Majewski F. **Monatsschr Kinderheilkd** 125(6):609–20, Jun 77 (135 ref.) (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

Biliary excretion of warfarin metabolites and their metabolism by rat gut flora. Powell ML, et al. **Life Sci** 20(1):171–7, 1 Jan 77

ANALYSIS

May mothers given warfarin breast-feed their infants? Orme ML, et al. **Br Med J** 1(6076):1564–5, 18 Jun 77

Biochemical applications of a quantitative high-pressure liquid chromatographic assay of warfarin and its metabolites. Fasco MJ, et al. **J Chromatogr** 131:365–73, 21 Jan 77

Automated analysis of warfarin sodium tablets. Hanna S, et al. **J Pharm Sci** 65(10):1552–5, OCT 76

Warfarin: stereochemical aspects of its metabolism in vivo in the rat. Pohl LR, et al. **Res Commun Chem Pathol Pharmacol** 15(2):233–56, Oct 76

[Thin-layer chromatographic determination of coumarin derivatives] Tsvetkova TsM. **Vet Med Nauki** 14(1):42–6, 1977 (Eng. Abstr.) **(Bul)**

ANTAGONISTS & INHIBITORS

Studies in rats on the mechanism by which 6-mercaptopurine inhibits the anticoagulant effect of warfarin. Martini A, et al. **J Pharmacol Exp Ther** 201(3):547–53, Jun 77

Loss of warfarin effect after occupational insecticide exposure. Jeffery WH, et al. **JAMA** 236(25):2881–2, 20 Dec 76

BLOOD

Effect of heparin and fatty acids on the binding of quinidine and warfarin in plasma. Nilsen OG, et al. **Biochem Pharmacol** 26(3):229–35, 1 Feb 77

Concentration-dependent effects of fatty acids on warfarin binding to albumin. Wilding G, et al. **Biochem Pharmacol** 26(12):1143–6, 15 Jun 77

Bleeding from self-administration of phenindione: a detailed case study. Gover PA, et al. **Br J Haematol** 33(4):551–64, Aug 76

May mothers given warfarin breast-feed their infants? Orme ML, et al. **Br Med J** 1(6076):1564–5, 18 Jun 77

Plasma protein binding of phenytoin and warfarin in patients undergoing renal transplantation. Odar-Cederlof I. **Clin Pharmacokinet** 2(2):147–53, Mar-Apr 77

Frequency distribution of free warfarin and free phenytoin fraction values in serum of healthy human adults. Yacobi A, et al. **Clin Pharmacol Ther** 21(3):283–6, Mar 77

Effect of warfarin on the metabolism of phylloquinone (vitamin K1):dose-response relationships in man. Shearer MJ, et al. **Clin Sci Mol Med** 52(6):621–30, Jun 77

Influence of acute renal failure on the protein binding of drugs in animals and in man. Belpaire FM, et al. **Eur J Clin Pharmacol** 11(1):27–32, 1977

Identification and quantification of coumarin congeners in human plasma. pp. 121–5. de Wolff FA, et al. **In: Siest G, Young DS, ed. Drug interference and drug measurement in clinical chemistry. Basel, Karger, 1976. QV 38 I602 1975d.**

Biochemical applications of a quantitative high-pressure liquid chromatographic assay of warfarin and its metabolites. Fasco MJ, et al. **J Chromatogr** 131:365–73, 21 Jan 77

Analysis of warfarin in plasma by high-pressure liquid chromatography. Wong LT, et al. **J Chromatogr** 135(1):149–54, 11 May 77

Influence of renal dysfunction on warfarin plasma protein binding. Bachmann K, et al. **J Clin Pharmacol** 16(10 Pt 1):468–72, Oct 76

Warfarin elimination and responsiveness in patients with renal dysfunction. Bachmann K, et al. **J Clin Pharmacol** 17(5–6):292–9, May-Jun 77

High-pressure liquid chromatographic analysis of drugs in biological fluids I. Warfarin. Bjornsson TD, et al. **J Pharm Sci** 66(1):142–4, Jan 77

Effect of temperature on binding of warfarin by human serum albumin. Oester YT, et al. **J Pharm Sci** 65(11):1673–7, Nov 76

Effects of colestipol hydrochloride on drug absorption in the rat II. Phillips WA, et al. **J Pharm Sci** 65(9):1285–91, Sep 76

Comparative pharmacokinetics of coumarin anticoagulants XXV: Warfarin-ibuprofen interaction in rats. Slattery JT, et al. **J Pharm Sci** 66(7):943–7, Jul 77

Effect of ibuprofen on protein binding of warfarin in human

serum. Slattery JT, et al. **J Pharm Sci** 66(7):1060, Jul 77

Predictive conversion of in vitro drug dissolution data into in vivo drug response versus time profiles exemplified for plasma levels of warfarin. Smolen VF, et al. **J Pharm Sci** 66(3):297–304, Mar 77

Comparative pharmacokinetics of coumarin anticoagulants XXVIII: Predictive identification of rats with relatively steep serum warfarin concentration–anticoagulatnt response characteristics. Yacobi A, et al. **J Pharm Sci** 66(1):145–6, Jan 77

Comparative pharmacokinetics of coumarin anticoagulants XXI: effect of plasma protein binding on distribution kinetics of warfarin in rats. Yacobi A, et al. **J Pharm Sci** 66(4):567–72, Apr 77

Comparative pharmacokinetics of coumarin anticoagulants XXIV: Effect of treatment with phenobarbital on serum protein binding of warfarin and dicumarol in rats. Yacobi A, et al. **J Pharm Sci** 66(7):941–3, Jul 77

Protein binding of warfarin enantiomers in serum of humans and rats. Yacobi A, et al. **J Pharmacokinet Biopharm** 5(2):123–31, Apr 77

The influence of fasting on the disposition of warfarin in rats. Laliberte R, et al. **J Pharmacol Exp Ther** 200(1):44–51, Jan 77

Effect of warfarin on the kinetics of the vitamin K–dependent clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

Optical studies on the mechanism of the interaction of the enantiomers of the antiocagulant drugs phenprocoumon and warfarin with human serum albumin. Brown NA, et al. **Mol Pharmacol** 13(1):70–9, Jan 77

Distribution pharmacokinetics of warfarin in the rat, a non–linear multicompartment model. Kekki M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 297(1):61–73, 14 Mar 77

Interaction between warfarin and sulphamethoxazole. Tilstone WJ, et al. **Postgrad Med J** 53(621):388–90, Jul 77

Reduced warfarin binding of albumin variants. Wilding G, et al. **Science** 195(4282):991–4, 11 Mar 77

ISOLATION & PURIFICATION

Warfarin–stereochemical aspects of its metabolism by rat liver microsomes. Pohl LR, et al. **Biochem Pharmacol** 25(19):2153–62, 1 Oct 76

METABOLISM

Warfarin binding in kwashiorkor [letter]. Buchanan N, et al. **Am Heart J** 93(1):128, Jan 77

Binding of R and S warfarin to hepatic microsomal cytochrome P–450. Fasco MJ, et al. **Arch Biochem Biophys** 182(2):379–89, Aug 77

Warfarin–stereochemical aspects of its metabolism by rat liver microsomes. Pohl LR, et al. **Biochem Pharmacol** 25(19):2153–62, 1 Oct 76

Stereochemical biotransformation of warfarin as a probe of the homogeneity and mechanism of microsomal hydroxylases. Pohl LR, et al. **Biochem Pharmacol** 26(2):109–14, 15 Jan 77

Changes in drug metabolism with increasing age: 1. warfarin binding and plasma proteins. Hayes MJ, et al. **Br J Clin Pharmacol** 2(1):69–72, Feb 75

Clinical pharmacology of anticoagulants. Sellers EM. **Compr Ther** 3(1):60–6, Jan 77

Clinical implications of interindividual differences in plasma protein binding of drugs and endogenous substances. pp. 137–51. Levy G. **In: Benet LZ, ed. The effect of disease states on drug pharmacokinetics. Washington, American Pharmaceutical Assc., 1976. QV 38 A512e 1976.**

Enantiomeric selectivity and perturbation of product ratios as methods for studying the multiplicity of microsomal enzymes. pp. 81–98. Trager WF. **In: Jerina DM, ed. Drug metabolism concepts. Washington, American Chemical Society, 1977. QV 38 D7936 1976.** (63 ref.)

Isolation of a warfarin binding protein from liver endoplasmic reticulum of Sprague–Dawley and warfarin–resistant rats. Searcey MT, et al. **J Biol Chem** 252(18):6260–7, 25 Sep 77

Biochemical applications of a quantitative high–pressure liquid chromatographic assay of warfarin and its metabolites. Fasco MJ, et al. **J Chromatogr** 131:365–73, 21 Jan 77

Tissue binding of drugs [letter] Gibaldi M, et al. **J Pharm Sci** 66(8):1211–2, Aug 77

Comparative pharmacokinetics of coumarin anticoagulants XXV: Warfarin–ibuprofen interaction in rats. Slattery JT, et al. **J Pharm Sci** 66(7):943–7, Jul 77

The influence of fasting on the disposition of warfarin in rats. Laliberte R, et al. **J Pharmacol Exp Ther** 200(1):44–51, Jan 77

Biliary excretion of warfarin metabolites and their metabolism by rat gut flora. Powell ML, et al. **Life Sci** 20(1):171–7, 1 Jan 77

A significant interaction between metronidazole and warfarin. Kazmier FJ. **Mayo Clin Proc** 51(12):782–4, Dec 76

pH–dependency in diffusion of some weakly acidic drugs, warfarin, sulfaethidole, and barbital, into organic phases. Julkunen RJ. **Med Biol** 55(1):41–7, Feb 77

Enantiomers of warfarin and phenobarbital. Orme M, et al. **N Engl J Med** 295(26):1482–3, 23 Dec 76

Effects of antacids on gastrointestinal absorption of drugs. Romankiewicz JA. **Primary Care** 3(3):537–50, Sep 76

Warfarin: stereochemical aspects of its metabolism in vivo in the rat. Pohl LR, et al. **Res Commun Chem Pathol Pharmacol** 15(2):233–56, Oct 76

Effect of naproxen on protein binding of warfarin in human serum. Yacobi A, et al. **Res Commun Chem Pathol Pharmacol** 15(2):369–72, Oct 76

[Alcohol and drugs] De Baere H. **Tijdschr Gastroenterol** 19(2):117–23, 1976 (Eng. Abstr.) **(Dut)**

PHARMACODYNAMICS

An assay procedure for the vitamin K1 2,3–epoxide–reducing system of rat liver involving high–performance liquid chromatography. Elliott GR, et al. **Biochem Soc Trans** 4(4):615–7, 1976

The isolation of a new warfarin–sensitive protein from bovine plasma. Prowse CV, et al. **Biochem Soc Trans** 5(1):255–6, 1977

The effect of dipyridamole on platelet function: correlation with blood levels in man. Rajah SM, et al. **Br J Clin Pharmacol** 4(2):129–33, Apr 77

Studies of the action of some anti–inflammatory drugs on complement mediated immune haemolysis. Whaley K, et al. **Br J Clin Pharmacol** 2(2):123–9, Apr 75

Studies of the interaction of carbenoxolone sodium and warfarin sodiun in vivo [proceedings] Gottfried S, et al. **Br J Pharmacol** 60(2):280P–281P, Jun 77

Interaction between azapropazone and warfarin. Powell–Jackson PR. **Br Med J** 1(6070):1193–4, 7 May 77

The effect of cyclophosphamide and other drugs on the incidence of pulmonary metastases in mice. Carmel RJ, et al. **Cancer Res** 37(1):145–51, Jan 77

Effect of warfarin on the metabolism of phylloquinone (vitamin K1):dose–response relationships in man. Shearer MJ, et al. **Clin Sci Mol Med** 52(6):621–30, Jun 77

Clinical pharmacology of anticoagulants. Sellers EM. **Compr Ther** 3(1):60–6, Jan 77

Effect of sodium warfarin of plasma insulin estimations. Bailey CJ, et al. **Gen Pharmacol** 7(1):63–5, 1976

Inheritance of Scottish–type resistance to warfarin in the Norway rat. Greaves JH, et al. **Genet Res** 28(3):231–9, Dec 76

Unifactorial inheritance of warfarin resistance in Rattus norvegicus from Denmark. Greaves JH, et al. **Genet Res** 29(3):215–22, Jun 77

Effect of warfarin on the induction and course of experimental endocarditis. Thompson J, et al. **Infect Immun** 14(6):1284–9, Dec 76

Vitamin K–dependent carboxylase. Solubilization and properties. Esmon CT, et al. **J Biol Chem** 251(20):6238–43, 25 Oct 76

Warfarin elimination and responsiveness in patients with renal dysfunction. Bachmann K, et al. **J Clin Pharmacol** 17(5–6):292–9, May–Jun 77

Laboratory evaluation of WBA 8119 as a rodenticide for use against warfarin–resistant and non–resistant rats and mice. Redfern R, et al. **J Hyg (Camb)** 77(3):419–26, Dec 76

Trials of the anticoagulant rodenticide WBA 8119 against confined colonies of warfarin–resistant house mice (Mus musculus L.). Roew FP, et al. **J Hyg (Camb)** 77(3):427–31, Dec 76

Trials of the anticoagulants rodenticide WBA 8119 against confined colonies of warfarin–resistant house mice (Mus musculus L.). Rowe FP, et al. **J Hyg (Camb)** 77(3):427–31, Dec 76

Predictive conversion of in vitro drug dissolution data into in vivo drug response versus time profiles exemplified for plasma levels of warfarin. Smolen VF, et al. **J Pharm Sci** 66(3):297–304, Mar 77

Comparative pharmacokinetics of coumarin anticoagulants XXVIII: Predictive identification of rats with relatively steep serum warfarin concentration–anticoagulatnt response characteristics. Yacobi A, et al. **J Pharm Sci** 66(1):145–6, Jan 77

Effect of warfarin on the kinetics of the vitamin K–dependent

clotting factors in rats. Vainieri H, et al. **J Pharmacol Exp Ther** 201(2):507–17, May 77

Metabolism of vitamin K1 (phylloquinone) in man. Barkhan P, et al. **Proc R Soc Med** 70(02):93–6, Feb 77

Oral anticoagulant therapy: the biosynthetic basis. Suttie JW. **Semin Hematol** 14(3):365–74, Jul 77

Studies of an inhibitor of the thrombin–fibrinogen reaction localized in rat liver microsomes. Interference with the polymerization step. Helgeland L. **Thromb Haemostas** 36(3):509–16, 31 Dec 76

[Experimentally induced increased tolerance to warfarin in the domestic mouse (Mus musculus)] Tannert W. **Monatsh Veterinaermed** 31(23):895–9, 1 Dec 76 (Eng. Abstr.) **(Ger)**

[Mechanism of action of vitamin K and how it is affected by anticoagulants] Schade R, et al. **Pharmazie** 31(9):585–9, 1976 (70 ref.) **(Ger)**

POISONING

[Rodenticide poisoning in a pregnant bitch] Fitzek VA, et al. **Berl Munch Tieraerztl Wochenschr** 90(5):98–100, 1Mar 77 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Unsuspected pulmonary emboli in well persons: the incomplete pulmonary infarction syndrome. Seinfeld ED, et al. **Am Fam Physician** 15(2):140–8, Feb 77

Hereditary antithrombin III deficiency and thromboembolic disease. Filip DJ, et al. **Am J Hematol** 1(3):343–9, 1976

Successful oral anticoagulant therapy in a patient with short bowel syndrome. Mitchell JF, et al. **Am J Hosp Pharm** 34(2):171–2, Feb 77

Detection and management of hypercoagulability. Collins GJ Jr, et al. **Am J Surg** 132(6):767–70, Dec 76

Chronic ulcerative colitis, skin necrosis, and cryofibrinogenemia. Ball GV, et al. **Ann Intern Med** 85(4):464–6, Oct 76

Thromboembolic complications with the cloth-covered Starr-Edwards aortic prosthesis in patients not receiving anticoagulants. Limet R, et al. **Ann Thorac Surg** 23(6):529–33, Jun 77

Management of the patient with a prosthetic heart valve. Robicsek F, et al. **Ann Thorac Surg** 22(4):389–99, Oct 76 (107 ref.)

Management of anticoagulation in outpatients: experience with an anticoagulation service in a municipal hospital setting. Davis FB, et al. **Arch Intern Med** 137(2):197–202, Feb 77

Patency of venous grafts in small veins: influence of aspirin and warfarin sodium. Friedman EW, et al. **Arch Surg** 112(9):1072–3, Sep 77

Plasmapheresis in the treatment of thrombotic thrombocytopenic purpura. Bukowski RM, et al. **Blood** 50(3):413–7, Sep 77

Plasma thromboplastin antecedent (PTA, factor XI): a specific and sensitive radioimmunoassay. Saito H, et al. **Blood** 50(3):377–85, Sep 77

Proceedings: Controlled trial of fibrinolytic therapy in unstable angina. Lawrence JR, et al. **Br Heart J** 38(8):873, Aug 76

Anticoagulants [letter]. Peck AW. **Br J Hosp Med** 17(1):90, Jan 77

Treatment of recurrent pregnancy hypertension by prophylactic anticoagulation. Valentine BH, et al. **Br J Obstet Gynaecol** 84(4):309–11, Apr 77

Potentiation of warfarin by azapropazone [letter] Green AE, et al. **Br Med J** 1(6075):1532, 11 Jun 77

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

Prevention of thromboembolic phenomena. Sakai DN, et al. **Clin Orthop** (121):108–12, Nov–Dec 76

Selecting and preparing patients for total hip replacement. Feinstein PA, et al. **Geriatrics** 32(7):91–6, Jul 77

Control of heparin therapy. pp. 201–9. Salzman EW, et al. **In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.**

Pneumatic venous pump and thromboembolism in total hip replacement surgery: a retrospective study. pp. 173–81. Bechtol CO, et al. **In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976.**

External pneumatic compression versus warfarin in reducing thrombosis in high-risk hip patients. pp. 51–60. Harris WH, et al. **In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976.**

The problems of patients with cardiovascular disease undergoing dental treatment. Glasser SP. **J Am Dent Assoc** 94(6):1158–62, Jun 77

Thromboembolism following total hip-replacement arthroplasty. The efficicy of dextran-aspirin and dextran-warfarin in prophylaxis. Salvati EA, et al. **J Bone Joint Surg [Am]** 58(7):921–5, Oct 76

Hemarthrosis associated with sodium warfarin. Jaffer AM, et al. **J Rheumatol** 4(2):215–7, Summer 77

Late cardiac tamponade: a potentially lethal complication of open-heart surgery. Merrill W, et al. **J Thorac Cardiovasc Surg** 72(6):929–32, Dec 76

Loss of warfarin effect after occupational insecticide exposure. Jeffery WH, et al. **JAMA** 236(25):2881–2, 20 Dec 76

Prophylactic anticoagulation [letter]. Domenet JG, et al. **Lancet** 2(8000):1408–9, 25 Dec 76

Warfarin sodium in prevention of deep venous thrombosis and pulmonary embolism in patients with fractured neck of femur. Morris GK, et al. **Lancet** 2(7991):869–72, 23 Oct 76

Hip fractures and deep-vein thromboembolism [letter]. Pollock A, et al. **Lancet** 2(7998):1301, 11 Dec 76

Case records of the Massachusetts General Hospital. Weekly clinicopathological exrecises. Case 49–1976. **N Engl J Med** 295(23):1309–13, 2 Dec 76

The risk of anticoagulation in hemodialysis patients. Biggers JA, et al. **Nephron** 18(2):109–13, 1977

Two-year cure of Candida infection of prosthetic mitral valve. Rotheram EB Jr, et al. **Postgrad Med** 61(4):237–46, Apr 77

A comparative study of dextran-70, warfarin and low-dose heparin for the prophylaxis of thrombo-embolism following total hip replacement. Barber HM, et al. **Postgrad Med J** 53(617):130–3, Mar 77

Prophylactic and therapeutic use of anticoagulants in inherited antithrombin III deficiency. Zucker ML, et al. **S Afr Med J** 50(43):1743–8, 9 Oct 76

The relationship between Normotest and Thrombotest in patients on oral anticoagulant therapy. Refsum N, et al. **Scand J Haematol** 18(4):333–6, Apr 77

Haemopericardium as a late complication in anticoagulant therapy following mitral valve replacement. Erdman S, et al. **Scand J Thorac Cardiovasc Surg** 10(3):205–7, 1976

Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)

A multifaceted approach to prevention of thromboembolism: a report of 529 cases. Brady LP. **South Med J** 70(5):546–8, May 77

Massive intraperitoneal hemorrhage from ruptured corpus luteum during anticoagulant therapy. Krause JR, et al. **South Med J** 69(9):1220–1, Sep 76

Bleeding, clotting, and functional disability following Beall prosthetic mitral valve replacement. Smiley WH, et al. **South Med J** 70(7):801–5, Jul 77

Soft tissue necrosis and gangrene complicating treatment with the coumarin derivatives. Bahadir I, et al. **Surg Gynecol Obstet** 145(4):497–500, Oct 77

[Diurnal variations in prothrombin concentration during anticoagulation treatment with warfarin (Marevan)] Hornnes P, et al. **Ugeskr Laeger** 138(38):2309–11, 13 Sep 76 (Eng. Abstr.) **(Dan)**

[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**

TOXICITY

The susceptibility of Tatera indica, Nesokia indica and Bandicota bengalensis to three anticoagulant rodenticides. Greaves JH, et al. **J Hyg (Camb)** 78(1):75–84, Feb 77

URINE

The influence of fasting on the disposition of warfarin in rats. Laliberte R, et al. **J Pharmacol Exp Ther** 200(1):44–51, Jan 77

Biliary excretion of warfarin metabolites and their metabolism by rat gut flora. Powell ML, et al. **Life Sci** 20(1):171–7, 1 Jan 77

Warfarin: stereochemical aspects of its metabolism in vivo in the rat. Pohl LR, et al. **Res Commun Chem Pathol Pharmacol** 15(2):233–56, Oct 76

ADHESIONS

ETIOLOGY

Roentgenographic assessment of causes of cardiac pacemaker failure and complications. Tegtmeyer CJ. **CRC Crit Rev Diagn Imaging** 9(1):1–50, Apr 77 (180 ref.)

AFIBRINOGENEMIA

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

BLOOD

[Determination of fibrinogen] Yamada S, et al. **Jpn J Clin Med** 34 suppl:2380–9, 1976 (118 ref.) **(Jpn)**

DIAGNOSIS

Syndromes of intravascular coagulation. Rodríguez-Erdmann F. **Surg Annu** 9:1–28, 1977 (28 ref.)

ETIOLOGY

[Determination of fibrinogen] Yamada S, et al. **Jpn J Clin Med** 34 suppl:2380–9, 1976 (118 ref.) **(Jpn)**

ANTICOAGULANTS

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

ADMINISTRATION & DOSAGE

Contribution of clinical pharmacists to patient care. McLeod DC. **Am J Hosp Pharm** 33(9):904–11, Sep 76 (165 ref.)

Drug metabolism in thyroid disease. Eichelbaum M. **Clin Pharmacokinet** 1(5):339–50, 1976 (44 ref.)

[Prevention of venous embolism and thrombosis] Asbeck F. **ZFA (Stuttgart)** 53(15):846–54, 31 May 77 (37 ref.) **(Ger)**

[Prevention of thrombosis: current status and prospects] Neri Serneri GG. **Cardiol Prat** 27(2):71–6, Jul–Dec 76 (46 ref.) **(Ita)**

ADVERSE EFFECTS

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

Acute toxic nephropathies: clinical pathologic correlations. Muehrcke RC, et al. **Ann Clin Lab Sci** 6(6):477–513, Nov–Dec 76 (265 ref.)

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)

Drug risks in pregnancy revisited. Guillozet N. **J Fam Pract** 4(6):1043–52, Jun 77 (95 ref.)

[Current medical treatment of infectious endocarditis] Nicolaescu V, et al. **Rev Med Intern [Med Intern]** 29(2):97–103, Mar–Apr 77 (0 ref.) **(Rum)**

BLOOD

Binding of drugs by albumin and plasma protein. Vallner JJ. **J Pharm Sci** 66(4):447–65, Apr 77 (268 ref.)

Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)

CLASSIFICATION

Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. Holmsen H. **Ser Haematol** 8(3):50–80, 1975 (148 ref.)

METABOLISM

Pharmacokinetics in patients with cardiac failure. Benowitz NL, et al. **Clin Pharmacokinet** 1(6):389–405, Nov–Dec 76 (73 ref.)

Drug metabolism in thyroid disease. Eichelbaum M. **Clin Pharmacokinet** 1(5):339–50, 1976 (44 ref.)

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

PHARMACODYNAMICS

Clinical principles of drug interactions in the adult patient. Hurwitz A, et al. **Ann NY Acad Sci** 281:98–105, 1976 (65 ref.)

Cardiovascular drug interactions. Brater DC, et al. **Annu Rev Pharmacol Toxicol** 17:293–309, 1977 (131 ref.)

Diflunisal: a review of pharmacokinetic and pharmacodynamic properties, drug interactions, and special tolerability studies in humans. Tempero KF, et al. **Br J Clin Pharmacol** 4 Suppl 1:31S–36S, Feb 77 (23 ref.)

Drug interactions with oral sulphonylurea hypoglycaemic drugs. Hansen JM, et al. **Drugs** 13(1):24–34, Jan 77 (71 ref.)

Interactions with antiepileptic drugs. Richens A. **Drugs** 13(4):266–75, Apr 77 (62 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)

Current status of antithrombotic therapy in cardiovascular disease. Rogers PH, et al. **Prog Cardiovasc Dis** 19(3):235–53, Nov–Dec 76 (140 ref.)

Fundamental structures in drug research. Marxer A, et al. **Prog Drug Res** 20:385–432, 1976 (97 ref.)

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)

Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. Holmsen H. **Ser Haematol** 8(3):50–80, 1975 (148 ref.)

[Microtubule inhibitors] Deysson G. **Eur J Toxicol Environ Hyg** 9(5):259–70, Sep–Oct 76 (66 ref.) (Eng. Abstr.) **(Fre)**

[Mechanism of action of vitamin K and how it is affected by anticoagulants] Schade R, et al. **Pharmazie** 31(9):585–9, 1976 (70 ref.) **(Ger)**

[Pharmacokinetic interference between chemotherapeutic and pharmacological preparations] Iakovlev VP, et al. **Antibiotiki** 21(10):945–54, Oct 76 (113 ref.) **(Rus)**

[Nicotinamide coenzymes as an object of drug and poison activity (review of the literature)] Chekman IS, et al. **Farmakol Toksikol** 40(1):113–22, Jan–Feb 77 (125 ref.) **(Rus)**

[Effect of drugs on the erythrocytic component of hemostasis (literature survey)] Lakin KM, et al. **Farmakol Toksikol** 39(3):358–67, May–Jun 76 (191 ref.) **(Rus)**

[Products of fibrinogen splitting and their biological significance (literature survey)] Timoshenko LI. **Lab Delo** (9):515–20, 1976 (91 ref.) **(Rus)**

THERAPEUTIC USE

Prevention and treatment of thrombosis. Wessler S. **Adv Intern Med** 22:187–205, 1977 (66 ref.)

Indications for medical and surgical therapy for ischemic stroke. Whisnant JP. **Adv Neurol** 16:133–44, 1977 (26 ref.)

Thrombophlebitis. Kerstein MD. **Angiology** 28(4):228–34, Apr 77 (64 ref.)

A critical review of the literature on long-term treatment of peripheral arteriosclerosis with oral anticoagulants. van Vroonhoven JM, et al. **Arch Chir Neerl** 28(4):243–9, 1976 (26 ref.)

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)

Antibiotic therapy of experimental endocarditis. pp. 101–21. Sande MA. **In: Duma RJ, ed. Infections of prosthetic heart values and vascular grafts. Baltimore, Univ Park Press, 1977. WG 168 I43 1976.** (26 ref.)

Influence of treatment upon the natural history of glomerulonephritis. pp. 492–9. Cameron JS. **In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a.** (29 ref.)

Platelet kinetics--1975. pp. 98–104. Ries CA.

In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (35 ref.)

Role of pulmonary transplantation in patients with acute respiratory failure. pp. 483–8. Skoskiewicz MJ.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (17 ref.)

Transient ischemic attacks: natural history and anticoagulation. Brust JC. **Neurology (Minneap)** 27(8):701–7, Aug 77 (69 ref.)

Current status of antithrombotic therapy in cardiovascular disease. Rogers PH, et al. **Prog Cardiovasc Dis** 19(3):235–53, Nov–Dec 76 (140 ref.)

Psychopathology, psychopharmacology and the organic brain syndromes. Ban TA. **Psychosomatics** 17(3):131–7, Jul–Sep 76 (84 ref.)

Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232–90, Apr 76 (207 ref.)

Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)

Inhibitors of platelet function in the prevention of arterial thrombosis. Harker LA. **Ser Haematol** 8(3):105–24, 1975 (81 ref.)

Renal failure and the surgeon. Silberman H. **Surg Gynecol Obstet** 144(5):775–84, May 77 (93 ref.)

The treatment of venous thrombosis: angiological aspects. Widmer LK. **Triangle** 16(1):47–61, 1977 (127 ref.)

[The role of thrombosis in renal allograft rejection (author's transl)]. Kazatchkine M, et al. **Pathol Biol (Paris)** 24(7):497–508, Sep 76 (168 ref.) (Eng. Abstr.) **(Fre)**

[Treatment of venous thrombosis of limbs] Fiessinger JN, et al. **Rev Prat** 27(21):1335–8, 1343–4, 11 Apr 77 (21 ref.) (Eng. Abstr.) **(Fre)**

[Post-phlebitic disease and its treatment] Gruffaz J. **Rev Prat** 27(21):1349–52, 1357–8, 1361–2, 11 Apr 77 (28 ref.) (Eng. Abstr.) **(Fre)**

[The trophedema (Nonne-Milroy-Meige). Carcinogenesis as a rare complication] Köstler E. **Dermatol Monatsschr** 162(6):465–77, Jun 76 (107 ref.) (Eng. Abstr.) **(Ger)**

[Therapy of inadequate cerebral circulation] Herrschaft H. **Nervenarzt** 47(11):639–50, Nov 76 (106 ref.) **(Ger)**

[Prevention of thrombosis: current status and prospects] Neri Serneri GG. **Cardiol Prat** 27(2):71–6, Jul–Dec 76 (46 ref.) **(Ita)**

[Current medical treatment of infectious endocarditis] Nicolaescu V, et al. **Rev Med Intern [Med Intern]** 29(2):97–103, Mar–Apr 77 (0 ref.) **(Rum)**

[Prevention of postoperative thromboembolic complications (a review of the literature)] Pavlovskii DP, et al. **Khirurgiia (Mosk)** (5):124–30, May 77 (126 ref.) **(Rus)**

[Intravascular blood clotting-component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**

[Anorexic preparations and primary pulmonary hypertension] Ugriumova MO. **Ter Arkh** 40(2):126–31, 1976 (80 ref.) **(Rus)**

[Medicinal plants in ophthalmology (a review of the literature)] Margolis MG. **Vestn Oftalmol** (6):81–3, Nov–Dec 76 (21 ref.) **(Rus)**

[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**

ANTIFIBRINOLYTIC AGENTS

THERAPEUTIC USE

[Disseminated intravascular coagulation] Dimitrov D. **Vutr Boles** 15(6):1–6, Dec 76 (26 ref.) **(Bul)**

[Physiopathology, clinical aspects and therapy of shock in meningococcic sepsis] Simeoni S, et al. **Recent Prog Med (Roma)** 60(2):131–54, Feb 76 (169 ref.) (Eng. Abstr.) **(Ita)**

BISHYDROXYCOUMARIN

THERAPEUTIC USE

[The importance of clinical observations for medical research] Koller F. **Schweiz Med Wochenschr** 106(44):1489–98, 30 Oct 76 (84 ref.) (Eng. Abstr.) **(Ger)**

BLOOD COAGULATION

Platelet and coagulation function in relation to thromboembolic stroke. Barnett HJ. **Adv Neurol** 16:45–70, 1977 (57 ref.)

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

The endothelium: roles in thrombosis and hemostasis Mason RG, et al. **Arch Pathol Lab Med** 101(2):61–4, Feb 77 (96 ref.)

Rheology and blood coagulation. McIntire LV. **Br J Haematol** 36(3):299–304, Jul 77 (32 ref.)

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

A comparison of the effects of oestriol succinate and ethinyl oestradiol on blood coagulation, platelet function and fibrinolysis in post-menopausal women. Davies T, et al. **Front Horm Res** 3:185–98, 1975 (35 ref.)

Structure and function of fibrinogen. Doolittle RF. **Horiz Biochem Biophys** 3:164–91, 1977 (38 ref.)

Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)

The biochemistry of prothrombin activation. pp. 61–99. Jackson CM.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (175 ref.)

Detection and prevention of deep vein thrombosis in the general surgical patient. pp. 61–90. Lee BY, et al.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976. (33 ref.)

The role of proteases in biological regulation. pp. 29–42. Neurath H, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (21 ref.)

Mediators of inflammation. Ratnoff OD. **J Allergy Clin Immunol** 58(3):438–46, Sep 76 (61 ref.)

Septic shock in obstetrics and gynecology. Pathophysiology. Rao PS, et al. **Major Probl Obstet Gynecol** 11:5–76, 1977 (285 ref.)

Biomaterials and biocompatibility. Williams DF. **Med Prog Technol** 4(1–2):31–42, 20 Jul 76 (62 ref.)

Introduction to clotting and lysis in blood plasma. Lorand L. **Methods Enzymol** 45:31–7, 1976 (36 ref.)

Mechanisms of thrombotic disease. Paton RC, et al. **Pathobiol Annu** 6:59–93, 1976 (332 ref.)

The hemolytic uremic syndrome. Kaplan BS, et al. **Pediatr Clin North Am** 23(4):761–77, Nov 76 (87 ref.)

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

The blood clotting mechanism. Esnouf MP. **Prog Clin Biol Res** 5:69–84, 1976 (105 ref.)

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

Nutrition and atherosclerosis. Dayton S. **Prog Food Nutr Sci** 1(3):191–205, 1975 (16 ref.)

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

Kininogens of human plasma. Habal FM, et al. **Semin Thromb Hemostas** 3(1):27–42, Jul 76 (78 ref.)

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

Plasma inhibitors of the Hageman factor dependent pathways. Schreiber AD. **Semin Thromb Hemostas** 3(1):32–51, Jul 76 (53 ref.)

Syndromes of intravascular coagulation. Rodríguez-Erdmann F. **Surg Annu** 9:1–28, 1977 (28 ref.)

Hemobilia: some salient features and their causes. Sandblom P, et al. **Surg Clin North Am** 57(2):397–408, Apr 77 (16 ref.)

Coagulation, fibrinolysis and venous thrombosis. Nilsson IM. **Triangle** 16(1):19–27, 1977 (76 ref.)

Vitamin E. Bieri JG, et al. **Vitam Horm** 34:31–75, 1976 (196 ref.)

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.)

(Bul)

[Post-phlebitic disease and its treatment] Gruffaz J. **Rev Prat** 27(21):1349–52, 1357–8, 1361–2, 11 Apr 77 (28 ref.) (Eng. Abstr.) (Fre)

[Mechanisms of venous thrombosis. Therapeutic deductions on prophyloxis] Samama M, et al. **Rev Prat** 27(21):1283–8, 11 Apr 77 (17 ref.) (Eng. Abstr.) (Fre)

[Blood platelets and cardiovascular diseases. IV. Platelet-inhibiting drugs and antithrombotic agents] Jobin F. **Union Med Can** 105(8):1159–73, Aug 76 (230 ref.) (Eng. Abstr.) (Fre)

[Medical progress. Blood platelets and cardiovascular diseases. I. Platelet biology] Jobin F. **Union Med Can** 105(2):231–5, Feb 76 (34 ref.) (Fre)

[Correlation of complement system with coagulation, fibrinolysis, and kinin generation] Kondo M. **Jpn J Clin Hematol** 17(1):1–14, Jan 76 (115 ref.) (Jpn)

[Theoretical and experimental basis for heparin treatment of glomerulonephritis] Szewczyk Z, et al. **Pol Tyg Lek** 32(29):1129–31, 18 Jul 77 (24 ref.) (Pol)

[Mechanism and frequency of hemorrhagic complications in patients with plasma cell myeloma (author's transl)] Lisiewicz J. **Przegl Lek** 34(5):495–8, 1977 (24 ref.) (Pol)

[Significance of intravascular blood coagulation in the pathogenesis of pregnancy complications] Kiriushchenkov AP, et al. **Akush Ginekol (Mosk)** (3):1–4, Mar 77 (42 ref.) (Rus)

[Intravascular blood clotting–component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) (Rus)

[Dialectic of the processes of fibrinolysis and blood coagulation] Petlenko VP, et al. **Probl Gematol Pereliv Krovi** 22(7):31–6, Jul 77 (14 ref.) (Eng. Abstr.) (Rus)

[Hereditary thrombocytopathies (literature survey and personal data)] Shabanov NP. **Probl Gematol Pereliv Krovi** 21(7):40–9, Jul 76 (154 ref.) (Rus)

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45–51, Apr 76 (107 ref.) (Rus)

[The body's anticoagulent system and theoretical aspects of the problem of blood vessel and heart prosthesis] Kudriashov BA. **Usp Fiziol Nauk** 7(4):61–91, Oct–Dec 76 (220 ref.) (Rus)

[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov–Dec 76 (77 ref.) (Rus)

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) (Rus)

DRUG EFFECTS

Endotoxins and haemostasis. Semeraro N. **Acta Clin Belg** 31(6):377–92, 1976 (99 ref.)

Pharmacologically active compounds from microbial origin. Mathews HW, et al. **Adv Appl Microbiol** 21:269–88, 1977 (68 ref.)

Aspirin intolerance--a review. Abrishami MA, et al. **Ann Allergy** 39(1):28–37, Jul 77 (96 ref.)

Possibilities and limits of intravenous fat emulsions. pp. 47–73. Grotte G, et al. **In: Manni C, ET AL., ED. Total parental alimentation. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.367 1976.** (84 ref.)

Harmful effects of 'aspirin compounds'. Najjar TA. **Oral Surg** 44(1):64–70, Jul 77 (231 ref.)

Somatostatin, 1976. Pimstone BL, et al. **S Afr Med J** 50(38):1471–4, 4 Sep 76 (59 ref.)

[Mechanism of action of vitamin K and how it is affected by anticoagulants] Schade R, et al. **Pharmazie** 31(9):585–9, 1976 (70 ref.) (Ger)

[Staphylocoagulase and staphylothrombin] Zajdel M, et al. **Postepy Hig Med Dosw** 31(1):17–31, Jan – Feb 77 (77 ref.) (Eng. Abstr.) (Pol)

[Significance of intravascular blood coagulation in the pathogenesis of pregnancy complications] Kiriushchenkov AP, et al. **Akush Ginekol (Mosk)** (3):1–4, Mar 77 (42 ref.) (Rus)

[Effect of drugs on the erythrocytic component of hemostasis (literature survey)] Lakin KM, et al. **Farmakol Toksikol** 39(3):358–67, May–Jun 76 (191 ref.) (Rus)

[Prevention of postoperative thromboembolic complications (a review of the literature)] Pavlovskiĭ DP, et al. **Khirurgiia (Mosk)** (5):124–30, May 77 (126 ref.) (Rus)

BLOOD COAGULATION DISORDERS

Diagnosis and treatment of fat embolism. Moylan JA, et al. **Annu Rev Med** 28:85–90, 1977 (24 ref.)

Malignant disease. Crowther D, et al. **Clin Haematol** 1(3):447–73, Oct 72 (116 ref.)

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

BLOOD

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) (Jpn)

[Mechanism and frequency of hemorrhagic complications in patients with plasma cell myeloma (author's transl)] Lisiewicz J. **Przegl Lek** 34(5):495–8, 1977 (24 ref.) (Pol)

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) (Rus)

CHEMICALLY INDUCED

[Monitoring of side effects in patients treated with corticosteroids of cytotoxic drugs (author's transl)] Neidhardt MK. **Monatsschr Kinderheilkd** 125(2):53–60, Feb 77 (41 ref.) (Eng. Abstr.) (Ger)

COMPLICATIONS

Prevention and treatment of thrombosis. Wessler S. **Adv Intern Med** 22:187–205, 1977 (66 ref.)

Physician strategies for the prevention of coronary heart disease. Margolis S. **Johns Hopkins Med J** 141(3):170–6, Sep 77 (47 ref.)

[Phlebitis indicative of blood diseases] Piguet H. **Phlebologie** 29(2):103–16, Apr–Jun 76 (48 ref.) (Eng. Abstr.) (Fre)

[Septic infections in childhood] Truckenbrodt H. **Med Klin** 72(18):779–87, 6 May 77 (27 ref.) (Ger)

[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskiĭ DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) (Rus)

CONGENITAL

[Classification of platelet function abnormalities (author's transl)] Deguchi K. **Jpn J Clin Hematol** 17(7):716–29, Jul 76 (98 ref.) (Jpn)

DIAGNOSIS

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) (Bul)

ETIOLOGY

Extracorporeal membrane oxygenation in the treatment of respiratory failure--a review. Newland PE. **Anaesth Intensive Care** 5(2):99–112, May 77 (73 ref.)

Cardiovascular disease in diabetes mellitus. Harrower AD. **Br J Clin Pract** 31(5):47–51, May 77 (30 ref.)

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

Heat illness. II. Pathogenesis. Ellis FP. **Trans R Soc Trop Med Hyg** 70(5–6):412–8, 1977 (98 ref.)

[Extraperitoneal complications of acute pancreatitis] De Cock G. **Tijdschr Gastroenterol** 19(3):170–83, 1976 (80 ref.) (Eng. Abstr.) (Dut)

[Impact and complications observed in the use of macromolecules] Laxenaire MC, et al. **Anesth Analg (Paris)** 3(4):691–702, Jul–Aug 76 (68 ref.) (Fre)

[Septicemia in urologia] Richaud C. **J Urol Nephrol (Paris)** 82 suppl 1:1–159, Dec 76 (433 ref.) (Fre)

[Congenital and acquired variants of plasma fibrinogen] Krantz S, et al. **Folia Haematol (Leipz)** 103(6):793–806, 1976 (89 ref.) (Eng. Abstr.) (Ger)

[Review: hemorrhagic diathesis resulting from acute exposure to ionizing radiation] Krantz S, et al. **Folia Haematol (Leipz)** 104(1):1–10, 1977 (99 ref.) (Eng. Abstr.) **(Ger)**

[General symptoms in severe burn injuries (author's transl)] Röding H, et al. **Zentralbl Chir** 101(24):1473–80, 1976 (46 ref.) (Eng. Abstr.) **(Ger)**

[Study of blood coagulation disorders after operations with extracorporeal circulation in infants and children] Calza G. **Minerva Cardioangiol** 25(4):279–88, Apr 77 (63 ref.) (Eng. Abstr.) **(Ita)**

[Physiopathology, clinical aspects and therapy of shock in meningococcic sepsis] Simeoni S, et al. **Recent Prog Med (Roma)** 60(2):131–54, Feb 76 (169 ref.) (Eng. Abstr.) **(Ita)**

[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskiĭ DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

FAMILIAL & GENETIC

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

IMMUNOLOGY

Multiple myeloma. Pathophysiology of immunoglobulin-producing neoplasms. pp. 78–86. **In: Warner NL, et al., ed. Multiple myeloma and related immunoglobulin-producing neoplasms. Geneva, International Union Against Cancer, 1974. W1 U413 v.13 1974.** (62 ref.)

PATHOLOGY

Progress in hemodialysis 1974 -- 1975. Kerr DN, et al. **Adv Nephrol** 6:415–42, 1976 (208 ref.)

PHYSIOPATHOLOGY

[Pathogenesis of arterial and venous thromboses] Lechler E. **ZFA (Stuttgart)** 53(15):829–34, 31 May 77 (56 ref.) **(Ger)**

[Dialectic of the processes of fibrinolysis and blood coagulation] Petlenko VP, et al. **Probl Gematol Pereliv Krovi** 22(7):31–6, Jul 77 (14 ref.) (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskiĭ DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**

THERAPY

[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskiĭ DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**

BLOOD COAGULATION FACTORS

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ. **In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.** (58 ref.)

Serine proteases of coagulation and their inhibitors. pp. 189–202. Davie EW, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (46 ref.)

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

Introduction to clotting and lysis in blood plasma. Lorand L. **Methods Enzymol** 45:31–7, 1976 (36 ref.)

Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)

[Pathogenesis of arterial and venous thromboses] Lechler E. **ZFA (Stuttgart)** 53(15):829–34, 31 May 77 (56 ref.) **(Ger)**

[Mechanism and frequency of hemorrhagic complications in patients with plasma cell myeloma (author's transl)] Lisiewicz J. **Przegl Lek** 34(5):495–8, 1977 (24 ref.) **(Pol)**

[Intravascular blood clotting-component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar-Apr 77 (37 ref.) **(Rus)**

[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskiĭ DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**

ANALYSIS

[Synovial fluid. Review of international literature from 1972 to 1975 (author's transl)] de Médicis R, et al. **Pathol Biol (Paris)** 24(9):641–56, Nov 76 (268 ref.) (Eng. Abstr.) **(Fre)**

BIOSYNTHESIS

[Mediators of inflammation] Fantini F. **Reumatismo** 28(2):71–105, Apr-Jun 77 (98 ref.) (Eng. Abstr.) **(Ita)**

METABOLISM

The endothelium: roles in thrombosis and hemostasis Mason RG, et al. **Arch Pathol Lab Med** 101(2):61–4, Feb 77 (96 ref.)

Biochemical tests for hepatobiliary disease. Rosoff L Jr, et al. **Surg Clin North Am** 57(2):257–73, Apr 77 (35 ref.)

[Complement system. Structure, function and means of inhibition] Ivanov AA. **Usp Sovrem Biol** 83(2):251–64, Mar-Apr 77 (130 ref.) **(Rus)**

PHYSIOLOGY

Acute inflammation. A review. Ryan GB, et al. **Am J Pathol** 86(1):183–276, Jan 77 (572 ref.)

Mechanisms of thrombotic disease. Paton RC, et al. **Pathobiol Annu** 6:59–93, 1976 (332 ref.)

The blood clotting mechanism. Esnouf MP. **Prog Clin Biol Res** 5:69–84, 1976 (105 ref.)

Coagulation, fibrinolysis and venous thrombosis. Nilsson IM. **Triangle** 16(1):19–27, 1977 (76 ref.)

[Von Willebrand factor activity and thrombophilic states. A review (author's transl)] Boneu B, et al. **Pathol Biol (Paris)** 24 Suppl:48–53, Dec 76 (35 ref.) (Eng. Abstr.) **(Fre)**

[The role of thrombosis in renal allograft rejection (author's transl)]. Kazatchkine M, et al. **Pathol Biol (Paris)** 24(7):497–508, Sep 76 (168 ref.) (Eng. Abstr.) **(Fre)**

BLOOD COAGULATION TESTS

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ. **In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.** (58 ref.)

Aspirin revisited. pp. 141–50. Rodvien R, et al. **In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.** (53 ref.)

Disseminated intravascular coagulation in patients with infections: diagnostic and therapeutic approach. Hawiger J. **Mater Med Pol** 8(2):206–12, Apr-Jun 76 (27 ref.)

Improved procedures for the purification of selected vitamin K-dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38, 1976 (95 ref.)

Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)

Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)

Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232–90, Apr 76 (207 ref.)

Syndromes of intravascular coagulation. Rodríguez-Erdmann F. **Surg Annu** 9:1–28, 1977 (28 ref.)

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

[Thrombogenic and atherogenic effects of dietary fats] Renaud S. **Ann Nutr Aliment** 30(2–3):235–41, 1976 (18 ref.) (Eng. Abstr.) **(Fre)**

[Diagnostic therapeutic problems of defibrination syndrome in shock, sepsis, and neonatal hypoxia (author's transl)] Kirsch W, et al. **Monatsschr Kinderheilkd** 125(6):621–7, Jun 77 (32 ref.) (Eng. Abstr.) **(Ger)**

[Diagnosis of phlebothrombosis] Kakkar VV. **Recent Prog Med (Roma)** 60(1):13–30, Jan 76 (34 ref.) (Eng. Abstr.) **(Ita)**

[Clinical haematology, coagulation and fibrinolysis (author's transl)] Umegaki K. **Jpn J Clin Pathol** Suppl 28:118–30, 30 Nov 76 (80 ref.) **(Jpn)**

INSTRUMENTATION

Rheology and blood coagulation. McIntire LV. **Br J Haematol** 36(3):299–304, Jul 77 (32 ref.)

STANDARDS

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

BLOOD PLATELET DISORDERS

CLASSIFICATION

[Classification of platelet function abnormalities (author's transl)] Deguchi K. **Jpn J Clin Hematol** 17(7):716–29, Jul 76 (98 ref.) **(Jpn)**

COMPLICATIONS

Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)

Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)

[Phlebitis indicative of blood diseases] Piguet H. **Phlebologie** 29(2):103–16, Apr–Jun 76 (48 ref.) (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)

ETIOLOGY

Blood platelets: their behavior with respect to extracorporeal membrane oxygenation. pp. 105–21. Salzman EW. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (68 ref.)

Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123–36. Spragg RG, et al. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (69 ref.)

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

FAMILIAL & GENETIC

[Blood platelet disorders. I. Genetically determined syndrome] Michalski R, et al. **Acta Haematol Pol** 8(1):49–55, Jan–Mar 77 (30 ref.) **(Pol)**

[Hereditary thrombocytopathies (literature survey and personal data)] Shabanov NP. **Probl Gematol Pereliv Krovi** 21(7):40–9, Jul 76 (154 ref.) **(Rus)**

PREVENTION & CONTROL

Role of pulmonary transplantation in patients with acute respiratory failure. pp. 483–8. Skoskiewicz MJ. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (17 ref.)

THERAPY

Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133–45, Sep 77 (91 ref.)

Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)

BLOOD PLATELETS

Transient monocular blindness. Ross RT. **Can J Neurol Sci** 4(3):143–50, Aug 77 (51 ref.)

Infection. Murdoch JM, et al. **Clin Haematol** 1(3):619–44, Oct 72 (86 ref.)

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

Platelet kinetics––1975. pp. 98–104. Ries CA. **In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.** (35 ref.)

The platelet and coronary artery disease. pp. 125–40. Sahud MA. **In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.** (88 ref.)

The structure and function of platelets, with emphasis on their contractile nature. Gerrard JM, et al. **Pathobiol Annu** 6:31–59, 1976 (73 ref.)

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)

Management of idiopathic thrombocytopenic purpura in the adult. Lacey JV, et al. **Semin Thromb Hemostas** 3(3):160–74, Jan 77 (67 ref.)

Idiopathic thrombocytopenic purpura in children. Lusher JM, et al. **Semin Thromb Hemostas** 3(3):175–99, Jan 77 (198 ref.)

Atherosclerosis: its causes and potential reversibility. Gresham GA. **Triangle** 15(2–3):39–43, 1976 (18 ref.)

[Fetomaternal transfusion, Rhesus immunization and prevention. II. Rhesus immunization and prevention] Helderweirt G. **Verh K Acad Geneeskd Belg** 38(3–4):79–134, 1976 (144 ref.) **(Dut)**

[Blood platelets and cardiovascular diseases. II. Atherosclerosis and thrombosis] Jobin F. **Union Med Can** 105(2):235–40, Feb 76 (29 ref.) **(Fre)**

[Medical progress. Blood platelets and cardiovascular diseases. I. Platelet biology] Jobin F. **Union Med Can** 105(2):231–5, Feb 76 (34 ref.) **(Fre)**

[Remission-influencing factors in acute myelogenic leukemia] Love RR, et al. **Med Klin** 72(15):631–6, 15 Apr 77 (13 ref.) **(Ger)**

[Diagnostic therapeutic problems of defibrination syndrome in shock, sepsis, and neonatal hypoxia (author's transl)] Kirsch W, et al. **Monatsschr Kinderheilkd** 125(6):621–7, Jun 77 (32 ref.) (Eng. Abstr.) **(Ger)**

ANALYSIS

The applicability of microprobe analysis to calcium studies. pp. 9–13. Hall TA. **In: Carafoli E, et al., ed. Calcium transport in contraction and secretion. Amsterdam, North-Holland, 1975. QV 276 I61c 1975.** (16 ref.)

Platelets and thromboembolism. Aledort LM. **Semin Thromb Hemostas** 2(3):136–45, Jan 76 (32 ref.)

[Beta2-microglobulin: structure and function of an immunoglobulin-homologue (author's transl)] Hütteroth TH, et al. **Immun Infekt** 4(3):110–5, Jun 76 (50 ref.) (Eng. Abstr.) **(Ger)**

CYTOLOGY

Platelets and thromboembolism. Aledort LM. **Semin Thromb Hemostas** 2(3):136–45, Jan 76 (32 ref.)

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C. **Semin Thromb Hemostas** 3(3):125–59, Jan 77 (165 ref.)

DRUG EFFECTS

Endotoxins and haemostasis. Semeraro N. **Acta Clin Belg**

31(6):377–92, 1976 (99 ref.)

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)

Are agents affecting platelet functions clinically useful? Verstraete M. **Am J Med** 61(6):897–914, Dec 76 (173 ref.)

Role of the platelet in atherogenesis. Harker LA, et al. **Ann NY Acad Sci** 275:321–9, 1976 (33 ref.)

Diflunisal: a review of pharmacokinetic and pharmacodynamic properties, drug interactions, and special tolerability studies in humans. Tempero KF, et al. **Br J Clin Pharmacol** 4 Suppl 1:31S–36S, Feb 77 (23 ref.)

Antithrombotic drugs: part II. Gallus AS, et al. **Drugs** 12(2):132–57, 1976 (219 ref.)

Sodium valproate: a review of its pharmacological properties and therapeutic efficacy in epilepsy. Pinder RM, et al. **Drugs** 13(2):81–123, Feb 77 (129 ref.)

Heparin, heparin-activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26–34, 1977 (60 ref.)

Effects of unphysiological blood flow on circulating cells. pp. 177–81. Born GV.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975. (28 ref.)

Platelets, inflammation and non-steroidal anti-inflammatory drugs. pp. 45–51. de Gaetano G.
In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975. (65 ref.)

Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)

Inhibitors of platelet function in the prevention of arterial thrombosis. pp. 105–24. Harker LA.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (81 ref.)

Platelet kinetics--1975. pp. 98–104. Ries CA.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (35 ref.)

Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)

Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123–36. Spragg RG, et al.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (69 ref.)

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

Harmful effects of 'aspirin compounds'. Najjar TA. **Oral Surg** 44(1):64–70, Jul 77 (231 ref.)

The structure and function of platelets, with emphasis on their contractile nature. Gerrard JM, et al. **Pathobiol Annu** 6:31–59, 1976 (73 ref.)

Clinical pharmacoloby of acetylsalicylic acid. Cohen LS. **Semin Thromb Hemostas** 2(3):146–75, Jan 76 (102 ref.)

Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232–90, Apr 76 (207 ref.)

Inhibitors of platelet function in the prevention of arterial thrombosis. Harker LA. **Ser Haematol** 8(3):105–24, 1975 (81 ref.)

Aspirin revisited. Rodvein R, et al. **Ser Haematol** 8(3):141–50, 1975 (53 ref.)

[Blood platelets and cardiovascular diseases. IV. Platelet-inhibiting drugs and antithrombotic agents] Jobin F. **Union Med Can** 105(8):1159–73, Aug 76 (230 ref.) (Eng. Abstr.) **(Fre)**

[Release reaction and adenine nucleotide metabolism of blood platelets] Jinbo C. **Jpn J Clin Hematol** 17(12):1235–60, Dec 76 (107 ref.) **(Jpn)**

[Present status and prospects of platelet inhibitors] Yasunaga K. **Jpn J Clin Hematol** 17(6):590–9, Jun 76 (31 ref.) **(Jpn)**

[Endotoxic responses of various cells (author's transl)] Yoshida M. **Protein Nucleic Acid Enzyme (Tokyo)** Suppl:255–68, Nov 76 (112 ref.) **(Jpn)**

[Electrokinetic characteristics and intercellular interaction of the formed elements of the blood] Markosian AA, et al. **Usp Fiziol Nauk** 8(1):91–108, Jan–Mar 77 (81 ref.) **(Rus)**

ENZYMOLOGY

Metabolic approaches to studies on diabetic microangiopathy. Waitzman MB, et al. **Diabetes** 26(5):510–7, May 77 (79 ref.)

The phospholipases A of lysosomes. Waite M, et al. **Front Biol** 45:257–305, 1976 (92 ref.)

[Hereditary diseases caused by disorders in glycoconjugate metabolism] Rozenfel'd EL. **Vopr Med Khim** (1):3–12, Jan–Feb 77 (41 ref.) **(Rus)**

IMMUNOLOGY

beta-Lysin of platelet origin. Donaldson DM, et al. **Bacteriol Rev** 41(2):501–13, Jun 77 (66 ref.)

Solubilization of biologically active cell surface antigens. Pincus JH. **Contemp Top Mol Immunol** 5:87–124, 1976 (171 ref.)

Complement receptors and cell associated complement components. McConnell I, et al. **Immunol Commun** 6(2):111–32, 1977 (63 ref.)

Immune complex diseases: cellular mediators and the pathogenesis of inflammatory tissue injury produced by immune complexes. pp. 94–106. Henson PM.
In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e. (56 ref.)

Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133–45, Sep 77 (91 ref.)

Antibody-dependent cell-mediated cytolysis (ADCC): analyses and projections. Lovchik JC, et al. **Prog Allergy** 22:1–44, 1977 (131 ref.)

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C. **Semin Thromb Hemostas** 3(3):125–59, Jan 77 (165 ref.)

The role of immune complexes in disease. **WHO Tech Rep Ser** (606):1–58, 1977 (214 ref.)

METABOLISM

Biological consequences of prostaglandin molecular conformations. Andersen NH, et al. **Adv Prostaglandin Thromboxane Res** 1:271–89, 1976 (65 ref.)

Introduction: new trends in prostaglandin research. Samuelsson B. **Adv Prostaglandin Thromboxane Res** 1:1–6, 1976 (26 ref.)

The human platelet. A diagnostic and research tool for the study of biogenic amines in psychiatric and neurologic disorders. Stahl SM. **Arch Gen Psychiatry** 34(5):509–16, May 77 (126 ref.)

beta-Lysin of platelet origin. Donaldson DM, et al. **Bacteriol Rev** 41(2):501–13, Jun 77 (66 ref.)

Platelets, inflammation and non-steroidal anti-inflammatory drugs. pp. 45–51. de Gaetano G.
In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975. (65 ref.)

Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)

Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. pp. 50–80. Holmsen H.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (148 ref.)

Some basic mechanisms in platelet physiology. pp. 38–49. Salzman EW.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (62 ref.)

Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)

Tubulin and other microtubule associated proteins of the blood platelet. pp. 117–31. Crawford N, et al.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976. (35 ref.)

Why clinical pharmacology of serotonin? Sicuteri F, et al. **Monogr Neural Sci** 3:1–7, 1976 (27 ref.)

Abnormalities of cell-membrane fluidity in the pathogenesis of disease. Cooper RA. **N Engl J Med** 297(7):371–7, 18 Aug 77 (25 ref.)

Dietary essential fatty acids, prostaglandin formation and platelet aggregation. **Nutr Rev** 34(8):243–6, Aug 76 (12 ref.)

The biological fate of reserpine. Stitzel RE. **Pharmacol Rev** 28(3):179–208, Sep 76 (152 ref.)

Oxidative biotransformations of arachidonic acid. Pace-Asciak CR. **Prostaglandins** 13(5):811–7, May 77 (39

ref.)
The platelet in von Willebrand's disease: interactions with ristocetin and factor VIII. Walsh RT.
Semin Thromb Hemostas 2(2):105–115, Oct 75 (83 ref.)
[Thrombogenic and atherogenic effects of dietary fats] Renaud S. **Ann Nutr Aliment** 30(2–3):235–41, 1976 (18 ref.) (Eng. Abstr.) **(Fre)**
[Blood platelets and cardiovascular diseases. II. Atherosclerosis and thrombosis] Jobin F.
Union Med Can 105(2):235–40, Feb 76 (29 ref.) **(Fre)**
[Blood platelets and cardiovascular diseases. IV. Platelet–inhibiting drugs and antithrombotic agents] Jobin F. **Union Med Can** 105(8):1159–73, Aug 76 (230 ref.) (Eng. Abstr.) **(Fre)**
[Medical progress. Blood platelets and cardiovascular diseases. I. Platelet biology] Jobin F. **Union Med Can** 105(2):231–5, Feb 76 (34 ref.) **(Fre)**
[Release reaction and adenine nucleotide metabolism of blood platelets] Jinbo C. **Jpn J Clin Hematol** 17(12):1235–60, Dec 76 (107 ref.) **(Jpn)**
[Present status and prospects of platelet inhibitors] Yasunaga K. **Jpn J Clin Hematol** 17(6):590–9, Jun 76 (31 ref.) **(Jpn)**

PATHOLOGY

Paroxysmal nocturnal hemoglobinuria (PNH) as a clonal disorder. Hartmann RC, et al. **Annu Rev Med** 28:187–94, 1977 (27 ref.)
[Hereditary thrombocytopathies (literature survey and personal data)] Shabanov NP.
Probl Gematol Pereliv Krovi 21(7):40–9, Jul 76 (154 ref.) **(Rus)**

PHYSIOLOGY

Reaction patterns of blood platelets in exercise. Characteristics, origin and possible coronary implications. Sarajas HS. **Adv Cardiol** 18(0):176–95, 1976 (101 ref.)
Complement independent lipopolysaccharide (LPS) induced hypotension and disseminated intravascular coagulation: a correlation of LPS structure with in vivo and in vitro biological activities. Ulevitch RJ, et al.
Adv Exp Med Biol 73 PT–A:339–49, 1976 (35 ref.)
Immune complexes in infectious diseases. Reed WP, et al.
Adv Intern Med 22:49–72, 1977 (101 ref.)
Platelet and coagulation function in relation to thromboembolic stroke. Barnett HJ. **Adv Neurol** 16:45–70, 1977 (57 ref.)
Prostaglandins and platelet function. Salzman EW.
Adv Prostaglandin Thromboxane Res 2:767–80, 1976 (66 ref.)
Role of hypertension in atherosclerosis and cardiovascular disease. Hollander W. **Am J Cardiol** 38(6):786–800, 23 Nov 76 (141 ref.)
Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
Role of the platelet in atherogenesis. Harker LA, et al.
Ann NY Acad Sci 275:321–9, 1976 (33 ref.)
The endothelium: roles in thrombosis and hemostasis Mason RG, et al. **Arch Pathol Lab Med** 101(2):61–4, Feb 77 (96 ref.)
Platelet–collagen interactions. Legrand Y, et al.
Compr Ther 3(6):59–66, Jun 77 (14 ref.)
The hemorrhagic complications of open–heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)
Metabolic approaches to studies on diabetic microangiopathy. Waitzman MB, et al. **Diabetes** 26(5):510–7, May 77 (79 ref.)
Heparin and platelet function. Zucker MB. **Fed Proc** 36(1):47–9, Jan 77 (40 ref.)
Heparin, heparin–activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26–34, 1977 (60 ref.)
Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)
Inhibitors of platelet function in the prevention of arterial thrombosis. pp. 105–24. Harker LA.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (81 ref.)
Some basic mechanisms in platelet physiology. pp. 38–49. Salzman EW.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (62 ref.)
Design factors affecting thrombosis during extracorporeal membrane oxygenation. pp. 141–56. Richardson PD.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (27 ref.)
Blood platelets: their behavior with respect to extracorporeal membrane oxygenation. pp. 105–21. Salzman EW.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (68 ref.)
Platelets and glomerulonephritis. Cameron JS. **Nephron** 18(5):253–8, 1977 (33 ref.)
The structure and function of platelets, with emphasis on their contractile nature. Gerrard JM, et al. **Pathobiol Annu** 6:31–59, 1976 (73 ref.)
Mechanisms of thrombotic disease. Paton RC, et al.
Pathobiol Annu 6:59–93, 1976 (332 ref.)
The hemolytic uremic syndrome. Kaplan BS, et al.
Pediatr Clin North Am 23(4):761–77, Nov 76 (87 ref.)
Relationships between calcium and cyclic nucleotides in cell activation. Rasmussen H, et al. **Physiol Rev** 57(3):421–509, Jul 77 (465 ref.)
Assays for thrombopoietin. McDonald TP.
Scand J Haematol 18(1):5–12, Jan 77 (52 ref.)
The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)
Platelets and thromboembolism. Aledort LM.
Semin Thromb Hemostas 2(3):136–45, Jan 76 (32 ref.)
Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller–Eckhardt C.
Semin Thromb Hemostas 3(3):125–59, Jan 77 (165 ref.)
The platelet and coronary artery disease. Sahud MA.
Ser Haematol 8(3):125–140, 1975 (88 ref.)
Some basic mechanisms in platelet physiology. Salzman EW.
Ser Haematol 8(3):38–49, 1975 (62 ref.)
Importance of the endothelium and blood platelets in the pathogenesis of atherosclerosis. Constantinides P.
Triangle 15(2–3):53–61, 1976 (38 ref.)
Atherosclerosis: the role of endothelial injury, smooth muscle proliferation and platelet factors. Ross R. **Triangle** 15(2–3):45–51, 1976 (21 ref.)
[Vascular subendothehlium: structure and functions (author's transl)] Merville C, et al. **Pathol Biol (Paris)** 24 Suppl:18–22, Dec 76 (36 ref.) (Eng. Abstr.) **(Fre)**
[Mechanisms of venous thrombosis. Therapeutic deductions on prophyloxis] Samama M, et al. **Rev Prat** 27(21):1283–8, 11 Apr 77 (17 ref.) (Eng. Abstr.) **(Fre)**
[Platelet function: adhesion, release and aggregation] Wulfert E. **Therapie** 31(6):793–804, Nov–Dec 76 (33 ref.) (Eng. Abstr.) **(Fre)**
[Blood platelets and cardiovascular diseases. IV. Platelet–inhibiting drugs and antithrombotic agents] Jobin F. **Union Med Can** 105(8):1159–73, Aug 76 (230 ref.) (Eng. Abstr.) **(Fre)**
[Correlation of complement system with coagulation, fibrinolysis, and kinin generation] Kondo M.
Jpn J Clin Hematol 17(1):1–14, Jan 76 (115 ref.) **(Jpn)**
[Hereditary thrombocytopathies (literature survey and personal data)] Shabanov NP.
Probl Gematol Pereliv Krovi 21(7):40–9, Jul 76 (154 ref.) **(Rus)**

PHYSIOPATHOLOGY

Early signs of polyunsaturated fatty acid deficiency. Vergroesen AJ. **Bibl Nutr Dieta** (23):19–26, 1976 (20 ref.)

RADIATION EFFECTS

Platelet and coagulation function in relation to thromboembolic stroke. Barnett HJ. **Adv Neurol** 16:45–70, 1977 (57 ref.)

TRANSPLANTATION

The hemorrhagic complications of open–heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)
Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133–45, Sep 77 (91 ref.)

ULTRASTRUCTURE

Some basic mechanisms in platelet physiology. pp. 38–49. Salzman EW.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (62 ref.)
Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and

clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)

Tubulin and other microtubule associated proteins of the blood platelet. pp. 117–31. Crawford N, et al.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976. (35 ref.)

Ultrastructure of human bone marrow cell maturation. Breton-Gorius J, et al. **Int Rev Cytol** 46:251–321, 1976 (313 ref.)

The structure and function of platelets, with emphasis on their contractile nature. Gerrard JM, et al. **Pathobiol Annu** 6:31–59, 1976 (73 ref.)

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

Inhibitors of platelet function in the prevention of arterial thrombosis. Harker LA. **Ser Haematol** 8(3):105–24, 1975 (81 ref.)

[Scanning electron microscopy in hematology (a review of the literature)] Krymskiĭ LD, et al.
Vestn Akad Med Nauk SSSR (8):67–77, 1976 (49 ref.) **(Rus)**

BLOOD PRESERVATION

Red cell 2,3-diphosphoglycerate and oxygen affinity. MacDonald R. **Anaesthesia** 32(6):544–53, Jun 77 (77 ref.)

Human complementary component C'3: an appraisal. Seth PK, et al. **Hum Genet** 33(3):201–11, 30 Aug 76 (67 ref.)

Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133–45, Sep 77 (91 ref.)

Principles of granulocyte transfusion therapy. Schiffer CA. **Med Clin North Am** 61(5):1119–31, Sep 77 (75 ref.)

Erythrocyte metabolism. Brewer GJ, et al.
Prog Clin Biol Res 11:5–19, 1976 (26 ref.)

Current status of granulocyte transfusion therapy. Schiffer CA, et al. **Prog Clin Biol Res** 13:281–92, 1977 (41 ref.)

Transfusion of frozen-washed red cells in preventing hepatitis. Shires DL Jr. **Prog Clin Biol Res** 11:183–94, 1976 (23 ref.)

Physiological and metabolic aspects of freezing erythrocytes, with historical notes. Sloviter HA. **Prog Clin Biol Res** 11:33–45, 1976 (21 ref.)

Cryobiology overview of red cell preservation: achievements and prospective. Valeri CR, et al. **Prog Clin Biol Res** 11:55–87, 1976 (30 ref.)

[Scanning electron microscopy in hematology (a review of the literature)] Krymskiĭ LD, et al.
Vestn Akad Med Nauk SSSR (8):67–77, 1976 (49 ref.) **(Rus)**

METHODS

The role of intracellular freezing in the death of cells cooled at supraoptimal rates. Mazur P. **Cryobiology** 14(3):251–72, Jun 77 (78 ref.)

Sampling and storage of blood for pH and blood gas analysis. Haskins SC. **J Am Vet Med Assoc** 110(4):429–33, 15 Feb 77 (38 ref.)

Cryopreservation of granulocytes. Meryman HT, et al.
Prog Clin Biol Res 13:193–201, 1977 (30 ref.)

Cryobiology overview of red cell preservation: achievements and prospective. Valeri CR, et al. **Prog Clin Biol Res** 11:55–87, 1976 (30 ref.)

[Autologous blood transfusion in surgery (review of the literature)] Klimanskiĭ VA, et al.
Probl Gematol Pereliv Krovi 22(5):54–8, May 77 (70 ref.) **(Rus)**

VETERINARY

Sampling and storage of blood for pH and blood gas analysis. Haskins SC. **J Am Vet Med Assoc** 110(4):429–33, 15 Feb 77 (38 ref.)

BLOOD VISCOSITY

Platelet and coagulation function in relation to thromboembolic stroke. Barnett HJ. **Adv Neurol** 16:45–70, 1977 (57 ref.)

Flow-induced trauma to blood cells. Sutera SP. **Circ Res** 41(1):2–8, Jul 77 (47 ref.)

Pathophysiologic significance of abnormalities of red cell shape. pp. 1–17. La Celle PL, et al.
In: Bolis L, et al., ed. Membranes and disease. New York, Raven Press, 1976. W3 IN169J 1975m. (30 ref.)

Blood rheology in sickle cell disease. pp. 277–303. Chien S, et al.
In: Hercules JI, et al., ed. Proceedings of the symposium on molecular and cellular aspects of sickle cell disease. Bethesda, NIH, 1976. WH 170 S987p 1975. (35 ref.)

Systemic complications of rheumatoid arthritis. Hollingsworth JW, et al. **Med Clin North Am** 61(2):217–28, Mar 77 (52 ref.)

[Pathogenesis of vascular changes in diabetes] Hanzlik J, et al. **Kardiol Pol** 29(6):515–20, 1976 (45 ref.) **(Pol)**

[Effect of drugs on the erythrocytic component of hemostasis (literature survey)] Lakin KM, et al. **Farmakol Toksikol** 39(3):358–67, May–Jun 76 (191 ref.) **(Rus)**

DRUG EFFECTS

Pharmacological properties of suloctidil. Roba J, et al. **Acta Clin Belg** 32(1):3–7, 1977 (13 ref.)

CHRISTMAS DISEASE

BLOOD

[Recent advances in hemophilia research] Ito S.
Jpn J Clin Hematol 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

FAMILIAL & GENETIC

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

IMMUNOLOGY

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

THERAPY

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

CHYMOTRYPSIN

Mechanisms of zymogen activation. Stroud RM, et al.
Annu Rev Biophys Bioeng 6:177–93, 1977 (50 ref.)

The organization and function of water in protein crystals. Finney JL. **Philos Trans R Soc Lond [Biol]** 278(959):3–32, 29 Mar 77 (87 ref.)

Biochemical applications of relaxation kinetics. Malcolm AD. **Prog Biophys Mol Biol** 30(2–3):205–25, 1975 (114 ref.)

[Chemical properties of methionine and its role in proteins] Torchinskiĭ IuM. **Usp Sovrem Biol** 82(6):323–37, Nov–Dec 76 (114 ref.) **(Rus)**

ANALYSIS

Tests of exocrine pancreatic function. Gowenlock AH.
Ann Clin Biochem 14(2):61–89, Mar 77 (208 ref.)

ANTAGONISTS & INHIBITORS

Endogenous anti-inflammatory proteins. Lewis DA.
Biochem Pharmacol 26(8):693–8, 15 Apr 77 (86 ref.)

Recent developments in suicide substrates and other active site-directed inactivating agents of specific target enzymes. Walsh C. **Horiz Biochem Biophys** 3:36–81, 1977 (67 ref.)

[The protein constituents of human bronchial washings. Their relationship to the defenses of the respiratory tract (author's transl)] Laine A, et al. **Bull Eur Physiopathol Respir** 13(1):47–56, Jan–Feb 77 (51 ref.) (Eng. Abstr.) **(Fre)**

METABOLISM

Reactivity and cryoenzymology of enzymes in the crystalline state. Makinen MW, et al. **Annu Rev Biophys Bioeng** 6:301–43, 1977 (205 ref.)

Mechanisms of zymogen activation. Stroud RM, et al.
Annu Rev Biophys Bioeng 6:177–93, 1977 (50 ref.)

Structural studies on the pancreatic trypsin inhibitor – trypsin complex and its free components: structure and function relationship in serine protease inhibition and catalysis. pp. 43–76. Bode W, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (22 ref.)

Relationship between the structures and activities of some microbial serine proteases. II. Comparison of the tertiary structures of microbial and pancreatic serine proteases. pp. 125–42. James MN.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (34 ref.)

The role of proteases in biological regulation. pp. 29–42. Neurath H, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (21 ref.)

CLOT RETRACTION

Thrombophlebitis. Kerstein MD. **Angiology** 28(4):228–34, Apr 77 (64 ref.)

COAGULASE

ANALYSIS

[So-called non-pathogenic staphylococci] Akatov AK.
Zh Mikrobiol Epidemiol Immunobiol (7):3–8, Jul 77 (63 ref.) **(Rus)**

BIOSYNTHESIS

[Staphylococcus epidermidis: a saprophyte?] Del Piano M. **Recent Prog Med (Roma)** 60(2):207–32, Feb 76 (202 ref.) (Eng. Abstr.) **(Ita)**

BLOOD

[Staphylocoagulase and staphylothrombin] Zajdel M, et al. **Postepy Hig Med Dosw** 31(1):17–31, Jan – Feb 77 (77 ref.) (Eng. Abstr.) **(Pol)**

ISOLATION & PURIFICATION

[Staphylocoagulase and staphylothrombin] Zajdel M, et al. **Postepy Hig Med Dosw** 31(1):17–31, Jan – Feb 77 (77 ref.) (Eng. Abstr.) **(Pol)**

PHARMACODYNAMICS

[Staphylocoagulase and staphylothrombin] Zajdel M, et al. **Postepy Hig Med Dosw** 31(1):17–31, Jan – Feb 77 (77 ref.) (Eng. Abstr.) **(Pol)**

DIET, ATHEROGENIC

The atherogenic effect of different cholesteryl esters. pp. 68–78. Gottenbos JJ.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974. (34 ref.)

Aging and atherosclerosis: interactions with diet, heredity, and associated risk factors. pp. 143–95. Hazzard WR.
In: Rockstein M, Sussman ML, ed. Nutrition, longevity, and aging. New York, Academic Press, 1976. WT 104 N977 1976. (35 ref.)

Regression of atherosclerosis in experimental animals and man. Wissler RW, et al. **Mod Concepts Cardiovasc Dis** 46(6):27–32, Jun 77 (19 ref.)

Plant foods and atherosclerosis. **Nutr Rev** 35(6):148–50, Jun 77 (12 ref.)

Nutritional problems of affluence. Beaton GH.
WHO Monogr Ser (62):482–99, 1976 (26 ref.)

[Dietary habits as a risk factor in development of ischemic heart disease] Khaltaev NG. **Ter Arkh** 48(6):142–8, 1976 (100 ref.) **(Rus)**

EMBOLISM, AMNIOTIC FLUID

COMPLICATIONS

[Inferior vena caval occlusion–syndrom. Pathophysiology and clinical significance (author's transl)] Künzel W.
Z Geburtshilfe Perinatol 181(3):135–57, Jun 77 (73 ref.) (Eng. Abstr.) **(Ger)**

THERAPY

Extracorporeal membrane oxygenation for acute respiratory failure. Zapol WM, et al. **Anesthesiology** 46(4):272–85, Apr 77 (103 ref.)

FACTOR V

ANALYSIS

The blood clotting mechanism. Esnouf MP.
Prog Clin Biol Res 5:69–84, 1976 (105 ref.)

[Determination of factors V,VII and X] Fukutake K, et al. **Jpn J Clin Med** 34 suppl:2425–32, 1976 (40 ref.) **(Jpn)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

METABOLISM

The biochemistry of prothrombin activation. pp. 61–99. Jackson CM.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (175 ref.)

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

FACTOR V DEFICIENCY

BLOOD

[Determination of factors V,VII and X] Fukutake K, et al. **Jpn J Clin Med** 34 suppl:2425–32, 1976 (40 ref.) **(Jpn)**

COMPLICATIONS

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)

FACTOR VII

Vitamin K-dependent formation of gamma-carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157–72, 1977 (113 ref.)

ANALYSIS

[Determination of factors V,VII and X] Fukutake K, et al. **Jpn J Clin Med** 34 suppl:2425–32, 1976 (40 ref.) **(Jpn)**

IMMUNOLOGY

[Recent advances in hemophilia research] Ito S.
Jpn J Clin Hematol 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

ISOLATION & PURIFICATION

[Recent advances in hemophilia research] Ito S.
Jpn J Clin Hematol 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

METABOLISM

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

FACTOR VII

PHYSIOLOGY

The blood clotting mechanism. Esnouf MP.
Prog Clin Biol Res 5:69–84, 1976 (105 ref.)

FACTOR VIII

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**
[Physiochemical properties and structure of factor VIII] Bykowska K. **Acta Haematol Pol** 8(1):57–63, Jan–Mar 77 (40 ref.) **(Pol)**
[Advances in hematology. Willebrand's disease and hemophilia A in the light of latest studies of the factor VIII] Zawilska K. **Pol Arch Med Wewn** 56(8):179–84, Aug 76 (36 ref.) **(Pol)**

ANALYSIS

The blood clotting mechanism. Esnouf MP.
Prog Clin Biol Res 5:69–84, 1976 (105 ref.)
Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)
Factor VIII in von Willebrand' disease. Irwin JF.
Semin Thromb Hemostas 2(2):85–104, Oct 75 (125 ref.)
[Von Willebrand factor activity and thrombophilic states. A review (author's transl)] Boneu B, et al.
Pathol Biol (Paris) 24 Suppl:48–53, Dec 76 (35 ref.) (Eng. Abstr.) **(Fre)**
[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979–980):175–94, May–Jun 76 (177 ref.) **(Ita)**
[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**
[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

ANTAGONISTS & INHIBITORS

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)
Hemostatic failure in clinical medicine. Bowie EJ, et al.
Semin Hematol 14(3):341–64, Jul 77 (112 ref.)

IMMUNOLOGY

Von Willebrand's disease––a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)
Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)
Factor VIII in von Willebrand' disease. Irwin JF.
Semin Thromb Hemostas 2(2):85–104, Oct 75 (125 ref.)
The platelet in von Willebrand's disease: interactions with ristocetin and factor VIII. Walsh RT.
Semin Thromb Hemostas 2(2):105–115, Oct 75 (83 ref.)
[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**
[Advances in hematology. Willebrand's disease and hemophilia A in the light of latest studies of the factor VIII] Zawilska K. **Pol Arch Med Wewn** 56(8):179–84, Aug 76 (36 ref.) **(Pol)**

ISOLATION & PURIFICATION

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)
[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

METABOLISM

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)
The platelet in von Willebrand's disease: interactions with ristocetin and factor VIII. Walsh RT.
Semin Thromb Hemostas 2(2):105–115, Oct 75 (83 ref.)
[Physiochemical properties and structure of factor VIII] Bykowska K. **Acta Haematol Pol** 8(1):57–63, Jan–Mar 77 (40 ref.) **(Pol)**

PHYSIOLOGY

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

THERAPEUTIC USE

Von Willebrand's disease––a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)
Factor VIII in von Willebrand' disease. Irwin JF.
Semin Thromb Hemostas 2(2):85–104, Oct 75 (125 ref.)

FACTOR IX

Vitamin K–dependent formation of gamma–carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157–72, 1977 (113 ref.)

ANALYSIS

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

IMMUNOLOGY

[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**
[Recent advances in hemophilia research] Ito S.
Jpn J Clin Hematol 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

ISOLATION & PURIFICATION

Improved procedures for the purification of selected vitamin K–dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38; 1976 (95 ref.)
[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**
[Recent advances in hemophilia research] Ito S.
Jpn J Clin Hematol 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

METABOLISM

Serine proteases of coagulation and their inhibitors. pp. 189–202. Davie EW, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (46 ref.)
Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

FACTOR X

Vitamin K–dependent formation of gamma–carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157–72, 1977 (113 ref.)

ANALYSIS

The blood clotting mechanism. Esnouf MP.
Prog Clin Biol Res 5:69–84, 1976 (105 ref.)
[Determination of factors V,VII and X] Fukutake K, et al.
Jpn J Clin Med 34 suppl:2425–32, 1976 (40 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)
Antithrombins: clinical aspects, chemical and biologic properties. Penner JA, et al. **Prog Clin Biol Res** 5:277–300, 1976 (108 ref.)

ISOLATION & PURIFICATION

Improved procedures for the purification of selected vitamin K-dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38, 1976 (95 ref.)

METABOLISM

Heparin, heparin-activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26–34, 1977 (60 ref.)

The biochemistry of prothrombin activation. pp. 61–99. Jackson CM.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (175 ref.)

Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)

Serine proteases of coagulation and their inhibitors. pp. 189–202. Davie EW, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (46 ref.)

Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. Magnusson S, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (87 ref.)

The role of proteases in biological regulation. pp. 29–42. Neurath H, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (21 ref.)

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

FACTOR XI

The Hageman factor system: mechanism of contact activation. pp. 371–89. Griffin JH, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (48 ref.)

ANALYSIS

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

Antithrombins: clinical aspects, chemical and biologic properties. Penner JA, et al. **Prog Clin Biol Res** 5:277–300, 1976 (108 ref.)

ISOLATION & PURIFICATION

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

METABOLISM

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

FACTOR XI DEFICIENCY

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

FACTOR XII

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

ANALYSIS

[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

Plasma inhibitors of the Hageman factor dependent pathways. Schreiber AD. **Semin Thromb Hemostas** 3(1):32–51, Jul 76 (53 ref.)

[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov-Dec 76 (77 ref.) **(Rus)**

HISTORY

Mediators of inflammation. Ratnoff OD. **J Allergy Clin Immunol** 58(3):438–46, Sep 76 (61 ref.)

METABOLISM

The Hageman factor system: mechanism of contact activation. pp. 371–89. Griffin JH, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (48 ref.)

Mediators of inflammation. Ratnoff OD. **J Allergy Clin Immunol** 58(3):438–46, Sep 76 (61 ref.)

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

Plasma inhibitors of the Hageman factor dependent pathways. Schreiber AD. **Semin Thromb Hemostas** 3(1):32–51, Jul 76 (53 ref.)

[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov-Dec 76 (77 ref.) **(Rus)**

PHYSIOLOGY

The Hageman factor system: mechanism of contact activation. pp. 371–89. Griffin JH, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (48 ref.)

[Correlation of complement system with coagulation, fibrinolysis, and kinin generation] Kondo M. **Jpn J Clin Hematol** 17(1):1–14, Jan 76 (115 ref.) **(Jpn)**

FATTY STREAK, ARTERIAL

DIAGNOSIS

[Reaction forms of the human arterial wall smooth muscles--their significance for atherosclerosis] Holzner JH. **Wien Med Wochenschr** (32 Suppl):1–19, 1976 (223 ref.) **(Ger)**

METABOLISM

The atherogenic effect of different cholesteryl esters. pp. 68–78. Gottenbos JJ.

In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974. (34 ref.)

FIBRIN

Mediator systems in experimental allergic glomerular injury. pp. 431–6. Simpson IJ, et al.
In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a. (25 ref.)

Evaluation of non-steroidal anti-inflammatory drugs by means of experimental arthritis models. pp. 83–97. Pipitone V, et al.
In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975. (59 ref.)

epsilon-(gamma-Glutamyl)lysine cross-links in proteins. pp. 398–418. Goldsmith LA.
In: Seiji M, Bernstein IA, ed. Biochemistry of cutaneous epidermal differentiation. Baltimore, Univ Park Press, 1977. WR 102 J35b 1976. (34 ref.)

ANALYSIS

[Vascular subendothehlium: structure and functions (author's transl)] Merville C, et al. **Pathol Biol (Paris)** 24 Suppl:18–22, Dec 76 (36 ref.) (Eng. Abstr.) **(Fre)**

BIOSYNTHESIS

The Hageman factor system: mechanism of contact activation. pp. 371–89. Griffin JH, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (48 ref.)

Fibrin formation and dissolution. pp. 239–61. McKee PA.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (53 ref.)

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

DIAGNOSTIC USE

Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

IMMUNOLOGY

Features of human spontaneous vasculitis reproduced experimentally in animals. Effects of antiglobulins, C-reactive protein and fibrin. pp. 117–51. Parish WE.
In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e. (61 ref.)

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al.
Prog Clin Biol Res 5:85–120, 1976 (156 ref.)

METABOLISM

Urticaria and fibrinolysis. Ryan TJ. **Clin Exp Dermatol** 2(2):177–82, Jun 77 (26 ref.)

Fibrin(-ogen) interactions with plasmin. Gaffney PJ. **Haemostasis** 6(1):2–25, 1977 (83 ref.)

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al.
Prog Clin Biol Res 5:85–120, 1976 (156 ref.)

PHYSIOLOGY

Structure and function of fibrinogen. Doolittle RF.
Horiz Biochem Biophys 3:164–91, 1977 (38 ref.)

Design factors affecting thrombosis during extracorporeal membrane oxygenation. pp. 141–56. Richardson PD.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (27 ref.)

SECRETION

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45–51, Apr 76 (107 ref.) **(Rus)**

FIBRINOGEN

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Structure and function of fibrinogen. Doolittle RF.
Horiz Biochem Biophys 3:164–91, 1977 (38 ref.)

Mediator systems in experimental allergic glomerular injury. pp. 431–6. Simpson IJ, et al.
In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a. (25 ref.)

Bromine-77 and iodine-123 radiopharmaceuticals. Stöcklin G. **Int J Appl Radiat Isot** 28(1–2):131–47, Jan–Feb 77 (140 ref.)

Signs and symptoms of bronchogenic carcinoma. Cohen MH. **Semin Oncol** 1(3):183–9, Sep 74 (47 ref.)

[Congenital and acquired variants of plasma fibrinogen] Krantz S, et al. **Folia Haematol (Leipz)** 103(6):793–806, 1976 (89 ref.) (Eng. Abstr.) **(Ger)**

[Malignant neoplasms and thromboses] Gastpar H. **Med Welt** 27(37):1737–41, 10 Sep 76 (39 ref.) **(Ger)**

ANALOGS & DERIVATIVES

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

ANALYSIS

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al.
Prog Clin Biol Res 5:85–120, 1976 (156 ref.)

The blood clotting mechanism. Esnouf MP.
Prog Clin Biol Res 5:69–84, 1976 (105 ref.)

[Determination of fibrinogen] Yamada S, et al.
Jpn J Clin Med 34 suppl:2380–9, 1976 (118 ref.) **(Jpn)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

BIOSYNTHESIS

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

DIAGNOSTIC USE

Hemodynamic measurements in peripheral vascular disease. Dean RH, et al. **Curr Probl Surg** 13(8):1–76, Aug 76 (288 ref.)

Diagnosis of venous thromboembolism: limitations and applications. pp. 183–213. Hirsh J, et al.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976. (118 ref.)

Radiopharmaceuticals labelled with technetium. Eckelman WC, et al. **Int J Appl Radiat Isot** 28(1–2):67–82, Jan–Feb 77 (134 ref.)

A review of radiopharmaceutical development with short-lived generator-produced radionuclides other than 99mTc. Hnatowich DJ. **Int J Appl Radiat Isot** 28(1–2):169–81, Jan–Feb 77 (121 ref.)

Fibrinogen uptake test for detection of deep vein thrombosis--a review of current practice. Kakkar VV. **Semin Nucl Med** 7(3):229–44, Jul 77 (67 ref.)

Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

The prevention of deep vein thrombosis, with particular reference to mechanical methods of prevention. Cotton TL. **Surgery** 81(2):228–35, Feb 77 (64 ref.)

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

[Diagnosis of phlebothrombosis] Kakkar VV. **Recent Prog Med (Roma)** 60(1):13–30, Jan 76 (34 ref.) (Eng. Abstr.) **(Ita)**

IMMUNOLOGY

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

ISOLATION & PURIFICATION

Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

METABOLISM

Fibrin(•ogen) interactions with plasmin. Gaffney PJ. **Haemostasis** 6(1):2–25, 1977 (83 ref.)

Factors affecting lipoprotein deposition in the arterial wall. pp. 79–86. Walton KW. **In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974.** (46 ref.)

Some basic mechanisms in platelet physiology. pp. 38–49. Salzman EW. **In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.** (62 ref.)

Serine proteases of coagulation and their inhibitors. pp. 189–202. Davie EW, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (46 ref.)

Fibrin formation and dissolution. pp. 239–61. McKee PA. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (53 ref.)

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

Diagnosis of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):203–31, Apr 76 (159 ref.)

[Urokinase. Biochemical therapeutical and therapeutical data (author's transl)] Kher A. **Pathol Biol (Paris)** 24 Suppl:54–69, Dec 76 (115 ref.) (Eng. Abstr.) **(Fre)**

[Determination of fibrinogen] Yamada S, et al. **Jpn J Clin Med** 34 suppl:2380–9, 1976 (118 ref.) **(Jpn)**

PHARMACODYNAMICS

[Effect of drugs on the erythrocytic component of hemostasis (literature survey)] Lakin KM, et al. **Farmakol Toksikol** 39(3):358–67, May–Jun 76 (191 ref.) **(Rus)**

PHYSIOLOGY

Structure and function of fibrinogen. Doolittle RF. **Horiz Biochem Biophys** 3:164–91, 1977 (38 ref.)

SECRETION

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45–51, Apr 76 (107 ref.) **(Rus)**

FIBRINOLYSIN

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

[Chemistry of growth hormone] Yanaihara N. **Clin Endocrinol (Tokyo)** 25(2):123–30, Feb 77 (24 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

Antithrombins: clinical aspects, chemical and biologic properties. Penner JA, et al. **Prog Clin Biol Res** 5:277–300, 1976 (108 ref.)

METABOLISM

Urticaria and fibrinolysis. Ryan TJ. **Clin Exp Dermatol** 2(2):177–82, Jun 77 (26 ref.)

Fibrin(–ogen) interactions with plasmin. Gaffney PJ. **Haemostasis** 6(1):2–25, 1977 (83 ref.)

Mediators of inflammation. Ratnoff OD. **J Allergy Clin Immunol** 58(3):438–46, Sep 76 (61 ref.)

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov–Dec 76 (77 ref.) **(Rus)**

PHARMACODYNAMICS

[Correlation of complement system with coagulation, fibrinolysis, and kinin generation] Kondo M. **Jpn J Clin Hematol** 17(1):1–14, Jan 76 (115 ref.) **(Jpn)**

THERAPEUTIC USE

[Intravascular blood clotting–component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**

[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**

FIBRINOLYSIS

Platelet and coagulation function in relation to thromboembolic stroke. Barnett HJ. **Adv Neurol** 16:45–70, 1977 (57 ref.)

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

Urticaria and fibrinolysis. Ryan TJ. **Clin Exp Dermatol** 2(2):177–82, Jun 77 (26 ref.)

Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

A comparison of the effects of oestriol succinate and ethinyl oestradiol on blood coagulation, platelet function and fibrinolysis in post-menopausal women. Davies T, et al. **Front Horm Res** 3:185–98, 1975 (35 ref.)

Fibrin(–ogen) interactions with plasmin. Gaffney PJ. **Haemostasis** 6(1):2–25, 1977 (83 ref.)

Features of human spontaneous vasculitis reproduced experimentally in animals. Effects of antiglobulins, C-reactive protein and fibrin. pp. 117–51. Parish WE. **In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e.** (61 ref.)

The Hageman factor system: mechanism of contact activation. pp. 371–89. Griffin JH, et al. **In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m.** (48 ref.)

Proteases produced by normal and malignant cells in culture. pp. 263–85. Rifkin DB, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (33 ref.)

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

Mechanisms of thrombotic disease. Paton RC, et al.

Pathobiol Annu 6:59–93, 1976 (332 ref.)
Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)
Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)
Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)
Kininogens of human plasma. Habal FM, et al. **Semin Thromb Hemostas** 3(1):27–42, Jul 76 (78 ref.)
The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)
Plasma inhibitors of the Hageman factor dependent pathways. Schreiber AD. **Semin Thromb Hemostas** 3(1):32–51, Jul 76 (53 ref.)
Syndromes of intravascular coagulation. Rodríguez-Erdmann F. **Surg Annu** 9:1–28, 1977 (28 ref.)
Coagulation, fibrinolysis and venous thrombosis. Nilsson IM. **Triangle** 16(1):19–27, 1977 (76 ref.)
[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**
[Urokinase. Biochemical therapeutical and therapeutical data (author's transl)] Kher A. **Pathol Biol (Paris)** 24 Suppl:54–69, Dec 76 (115 ref.) (Eng. Abstr.) **(Fre)**
[Physiopathology of pulmonary embolism] Francoual M. **Rev Prat** 27(31):1981–4, 1 Jun 77 (15 ref.) (Eng. Abstr.) **(Fre)**
[Mechanisms of venous thrombosis. Therapeutic deductions on prophyloxis] Samama M, et al. **Rev Prat** 27(21):1283–8, 11 Apr 77 (17 ref.) (Eng. Abstr.) **(Fre)**
[Diagnostic therapeutic problems of defibrination syndrome in shock, sepsis, and neonatal hypoxia (author's transl)] Kirsch W, et al. **Monatsschr Kinderheilkd** 125(6):621–7, Jun 77 (32 ref.) (Eng. Abstr.) **(Ger)**
[Study of blood coagulation disorders after operations with extracorporeal circulation in infants and children] Calza G. **Minerva Cardioangiol** 25(4):279–88, Apr 77 (63 ref.) (Eng. Abstr.) **(Ita)**
[Correlation of complement system with coagulation, fibrinolysis, and kinin generation] Kondo M. **Jpn J Clin Hematol** 17(1):1–14, Jan 76 (115 ref.) **(Jpn)**
[Clinical haematology, coagulation and fibrinolysis (author's transl)] Umegaki K. **Jpn J Clin Pathol** Suppl 28:118–30, 30 Nov 76 (80 ref.) **(Jpn)**
[Products of fibrinogen splitting and their biological significance (literature survey)] Timoshenko LI. **Lab Delo** (9):515–20, 1976 (91 ref.) **(Rus)**
[Intravascular blood clotting–component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**
[Dialectic of the processes of fibrinolysis and blood coagulation] Petlenko VP, et al. **Probl Gematol Pereliv Krovi** 22(7):31–6, Jul 77 (14 ref.) (Eng. Abstr.) **(Rus)**
[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45–51, Apr 76 (107 ref.) **(Rus)**
[Hemorrhagic complications in liver diseases, their causes, prevention and treatment] Pavlovskii DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**
[The body's anticoagulent system and theoretical aspects of the problem of blood vessel and heart prosthesis] Kudriashov BA. **Usp Fiziol Nauk** 7(4):61–91, Oct–Dec 76 (220 ref.) **(Rus)**
[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov–Dec 76 (77 ref.) **(Rus)**
[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**
[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**

DRUG EFFECTS

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)
Oral fibrinolytic therapy. General review. Samama M. **Folia Haematol (Leipz)** 103(3):363–71, 1976 (40 ref.)
Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)
Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232–90, Apr 76 (207 ref.)
Coagulation, fibrinolysis and venous thrombosis. Nilsson IM. **Triangle** 16(1):19–27, 1977 (76 ref.)
[Mechanism and frequency of hemorrhagic complications in patients with plasma cell myeloma (author's transl)] Lisiewicz J. **Przegl Lek** 34(5):495–8, 1977 (24 ref.) **(Pol)**

FIBRINOLYTIC AGENTS

Enzymes as drugs. Holcenberg JS. **Annu Rev Pharmacol Toxicol** 17:97–116, 1977 (107 ref.)
Antithrombotic drugs: part II. Gallus AS, et al. **Drugs** 12(2):132–57, 1976 (219 ref.)
[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

ADMINISTRATION & DOSAGE

Oral fibrinolytic therapy. General review. Samama M. **Folia Haematol (Leipz)** 103(3):363–71, 1976 (40 ref.)

ADVERSE EFFECTS

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)

METABOLISM

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

PHARMACODYNAMICS

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)
Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)
Oral fibrinolytic therapy. General review. Samama M. **Folia Haematol (Leipz)** 103(3):363–71, 1976 (40 ref.)
[Blood platelets and cardiovascular diseases. IV. Platelet-inhibiting drugs and antithrombotic agents] Jobin F. **Union Med Can** 105(8):1159–73, Aug 76 (230 ref.) (Eng. Abstr.) **(Fre)**

THERAPEUTIC USE

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)
Malignant atrophic papulosis of Degos. Report of a patient who failed to respond to fibrinolytic therapy. Howsden SM, et al. **Arch Dermatol** 112(11):1582–8, Nov 76 (61 ref.)
Antithrombotic drugs: part II. Gallus AS, et al. **Drugs** 12(2):132–57, 1976 (219 ref.)
Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)
Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)
Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)
Reduction of myocardial infarct size by early intervention. Danner SA. **Neth J Med** 20(3):107–15, 1977 (68 ref.)
Fibrinogen uptake test for detection of deep vein thrombosis--a review of current practice. Kakkar VV. **Semin Nucl Med** 7(3):229–44, Jul 77 (67 ref.)
[Treatment of venous thrombosis of limbs] Fiessinger JN, et al. **Rev Prat** 27(21):1335–8, 1343–4, 11 Apr 77 (21 ref.) (Eng. Abstr.) **(Fre)**
[Septic shock (author's transl)] Schmidt D. **Zentralbl Chir** 101(18):1089–102, 1976 (43 ref.) **(Ger)**
[Prevention of postoperative thromboembolic complications (a review of the literature)] Pavlovskii DP, et al. **Khirurgiia (Mosk)** (5):124–30, May 77 (126 ref.) **(Rus)**
[Anorexic preparations and primary pulmonary hypertension] Ugriumova MO. **Ter Arkh** 40(2):126–31, 1976 (80 ref.) **(Rus)**
[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**

HEMANGIOENDOTHELIOMA

Systemic angioendotheliomatosis: a possible disorder of a circulating angiogenic factor. Person JR. **Br J Dermatol** 96(3):329–31, Mar 77 (19 ref.)

IMMUNOLOGY

Systemic angioendotheliomatosis: a possible disorder of a circulating angiogenic factor. Person JR. **Br J Dermatol** 96(3):329–31, Mar 77 (19 ref.)

PATHOLOGY

Systemic angioendotheliomatosis: a possible disorder of a circulating angiogenic factor. Person JR. **Br J Dermatol** 96(3):329–31, Mar 77 (19 ref.)
Dowling oration 1976. Malignant vascular tumours. Jones EW. **Clin Exp Dermatol** 1(4):287–312, Dec 76 (65 ref.)
Tumours of the soft tissues. Carter RL. **IARC Sci Publ** (5 Pt 1):151–67, 1973 (26 ref.)

SURGERY

Cysts and benign tumors of the liver. Walt AJ. **Surg Clin North Am** 57(2):449–64, Apr 77 (18 ref.)

HEMANGIOMA

CONGENITAL

Neonatal oncology. Bertolone S. **Pediatr Clin North Am** 24(3):585–98, Aug 77 (75 ref.)

DIAGNOSIS

Ultrasonic presurgical diagnosis in Ophthalmology. Wainstock MA. **Int Surg** 62(5):314–6, May 77 (6 ref.)
[Diagnosis of intracranial tumors] Plagne R, et al. **Neurochirurgie** 22(4):311–34, 1976 (45 ref.) **(Fre)**

FAMILIAL & GENETIC

Some soft tissue heritable tumors. Gorlin RJ. **Birth Defects** 12(1):7–14, 1976 (73 ref.)

PATHOLOGY

Dowling oration 1976. Malignant vascular tumours. Jones EW. **Clin Exp Dermatol** 1(4):287–312, Dec 76 (65 ref.)
Tumours of the vagina, uterus, placenta and oviduct. Baba N, et al. **IARC Sci Publ** 1(6 Pt 2):161–88, 1977 (102 ref.)
Tumours of the soft tissues. Carter RL. **IARC Sci Publ** (5 Pt 1):151–67, 1973 (26 ref.)
Tumours of the liver. Schauer A, et al. **IARC Sci Publ** 1(6 Pt 2):41–72, 1977 (84 ref.)

RADIOGRAPHY

Benign tumors of the lung. Madewell JE, et al. **Semin Roentgenol** 12(3):175–86, Jul 77 (68 ref.)

SURGERY

Hepatic tumors of infancy and childhood. de Lorimier AA. **Surg Clin North Am** 57(2):443–8, Apr 77 (31 ref.)
Cysts and benign tumors of the liver. Walt AJ. **Surg Clin North Am** 57(2):449–64, Apr 77 (18 ref.)
[Advances and emphasis in neuro– and vascular surgery] Schwenzer N. **Fortschr Kiefer Gesichtschir** 21:127–30, 1976 (25 ref.) **(Ger)**

HEMANGIOMA, CAVERNOUS

RADIOGRAPHY

Angiography of hepatic neoplasms: a review. Bragg DG. **Int J Radiat Oncol Biol Phys** 1(9–10):965–71, Sep–Oct 76 (27 ref.)

HEMATOMA

[Revascularization of the crural arteries in atherosclerosis (review of the literature)] Govorunov GV. **Eksp Khir Anesteziol** (6):79–83, Nov–Dec 76 (100 ref.) **(Rus)**
[Hormetonia in cranio-cerebral injury (review of the literature)] Karlov VA, et al. **Zh Nevropatol Psikhiatr** 77(5):759–64, 1977 (134 ref.) **(Rus)**

COMPLICATIONS

Rupture of the liver associated with pregnancy: a review of the literature and report of 2 cases. Bis KA, et al. **Obstet Gynecol Surv** 31(11):763–73, Nov 76 (97 ref.)
The pear-shaped bladder. Ambos MA, et al. **Radiology** 122(1):85–8, Jan 77 (14 ref.)

DIAGNOSIS

[Diagnosis of intracranial tumors] Plagne R, et al. **Neurochirurgie** 22(4):311–34, 1976 (45 ref.) **(Fre)**

METABOLISM

Neonatal jaundice. Amanullah A. **Am J Dis Child** 130(11):1274–80, Nov 76 (55 ref.)

RADIOGRAPHY

The pear-shaped bladder. Ambos MA, et al. **Radiology** 122(1):85–8, Jan 77 (14 ref.)

HEMOPHILIA

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207–28, 1977 (86 ref.)
[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**
[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

BLOOD

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)
[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**
[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**

COMPLICATIONS

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)

DIAGNOSIS

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979–980):175–94, May–Jun 76 (177 ref.) **(Ita)**
[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**
[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**
[Advances in hematology. Willebrand's disease and hemophilia A in the light of latest studies of the factor VIII] Zawilska K. **Pol Arch Med Wewn** 56(8):179–84, Aug 76 (36 ref.) **(Pol)**

FAMILIAL & GENETIC

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)
Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319–39, Jul 77 (129 ref.)
[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979–980):175–94, May–Jun 76 (177 ref.) **(Ita)**
[Recent progress in the diagnosis and treatment of genetic diseases] Koller PC. **Recent Prog Med (Roma)** 61(4):557–70, Oct 76 (22 ref.) (Eng. Abstr.) **(Ita)**
[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**
[Physiochemical properties and structure of factor VIII] Bykowska K. **Acta Haematol Pol** 8(1):57–63, Jan–Mar 77 (40 ref.) **(Pol)**

IMMUNOLOGY

[Hemophilia: pathophysiology, diagnosis and treatment

(author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**

THERAPY

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)
[Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] Ito M. **J Jpn Soc Intern Med** 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**
[Recent advances in hemophilia research] Ito S. **Jpn J Clin Hematol** 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**

HEMORRHAGIC DIATHESIS

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

COMPLICATIONS

[Malignant neoplasms and thromboses] Gastpar H. **Med Welt** 27(37):1737–41, 10 Sep 76 (39 ref.) **(Ger)**

DIAGNOSIS

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

ETIOLOGY

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)
Disseminated intravascular coagulation in patients with infections: diagnostic and therapeutic approach. Hawiger J. **Mater Med Pol** 8(2):206–12, Apr–Jun 76 (27 ref.)
[Review: hemorrhagic diathesis resulting from acute exposure to ionizing radiation] Krantz S, et al. **Folia Haematol (Leipz)** 104(1):1–10, 1977 (99 ref.) (Eng. Abstr.) **(Ger)**
[Malignant neoplasms and thromboses] Gastpar H. **Med Welt** 27(37):1737–41, 10 Sep 76 (39 ref.) **(Ger)**

THERAPY

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

HEMORRHAGIC THROMBOCYTHEMIA

CLASSIFICATION

[Classification of platelet function abnormalities (author's transl)] Deguchi K. **Jpn J Clin Hematol** 17(7):716–29, Jul 76 (98 ref.) **(Jpn)**

HEMOSTASIS

Purpura fulminans. Spicer TE, et al. **Am J Med** 61(4):566–71, Oct 76 (44 ref.)
Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
The endothelium: roles in thrombosis and hemostasis Mason RG, et al. **Arch Pathol Lab Med** 101(2):61–4, Feb 77 (96 ref.)
Cardiovascular and renal effects of head-out water immersion in man: application of the model in the assessment of volume homeostasis. Epstein M. **Circ Res** 39(5):619–28, Nov 76 (74 ref.)
Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)
Current concepts of wound healing. Howes RM, et al. **Clin Plast Surg** 4(2):173–9, Apr 77 (62 ref.)
Platelet-collagen interactions. Legrand Y, et al. **Compr Ther** 3(6):59–66, Jun 77 (14 ref.)
The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)
Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)
Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)
Platelets, inflammation and non-steroidal anti-inflammatory drugs. pp. 45–51. de Gaetano G. **In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975.** (65 ref.)
Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ. **In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.** (58 ref.)
Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)
Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341–64, Jul 77 (112 ref.)
The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)
Platelets and thromboembolism. Aledort LM. **Semin Thromb Hemostas** 2(3):136–45, Jan 76 (32 ref.)
Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)
The platelet in von Willebrand's disease: interactions with ristocetin and factor VIII. Walsh RT. **Semin Thromb Hemostas** 2(2):105–115, Oct 75 (83 ref.)
Aspirin revisited. Rodvein R, et al. **Ser Haematol** 8(3):141–50, 1975 (53 ref.)
Some basic mechanisms in platelet physiology. Salzman EW. **Ser Haematol** 8(3):38–49, 1975 (62 ref.)
Syndromes of intravascular coagulation. Rodríguez-Erdmann F. **Surg Annu** 9:1–28, 1977 (28 ref.)
[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**
[On the pathogenesis of the glomerulosclerosis ultrastructural and autoradiographic investigations on the rat kidney (author's transl)] Romen W. **Veroeff Pathol** (102):1–101, 1976 (178 ref.) (Eng. Abstr.) **(Ger)**
[Dialectic of the processes of fibrinolysis and blood coagulation] Petlenko VP, et al. **Probl Gematol Pereliv Krovi** 22(7):31–6, Jul 77 (14 ref.) (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Endotoxins and haemostasis. Semeraro N. **Acta Clin Belg** 31(6):377–92, 1976 (99 ref.)
Acetaminophen. Ameer B, et al. **Ann Intern Med** 87(2):202–9, Aug 77 (93 ref.)
Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)
The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)
Clinical pharmacoloby of acetylsalicylic acid. Cohen LS. **Semin Thromb Hemostas** 2(3):146–75, Jan 76 (102 ref.)
Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. Holmsen H. **Ser Haematol** 8(3):50–80, 1975 (148 ref.)
[Impact and complications observed in the use of macromolecules] Laxenaire MC, et al. **Anesth Analg (Paris)** 3(4):691–702, Jul–Aug 76 (68 ref.) **(Fre)**
[Significance of intravascular blood coagulation in the pathogenesis of pregnancy complications] Kiriushchenkov AP, et al. **Akush Ginekol (Mosk)** (3):1–4, Mar 77 (42 ref.) **(Rus)**

HEMOSTATICS

New drugs of 1976. Hussar DA. **Am J Pharm** 149(1):5–25, Jan–Feb 77 (0 ref.)

THERAPEUTIC USE

[Hemorrhagic complications in liver diseases, their causes,

prevention and treatment] Pavlovskiĭ DP. **Ter Arkh** 48(9):138–45, 1976 (104 ref.) **(Rus)**
[Medicinal plants in ophthalmology (a review of the literature)] Margolis MG. **Vestn Oftalmol** (6):81–3, Nov–Dec 76 (21 ref.) **(Rus)**

HEPARIN

[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

ADMINISTRATION & DOSAGE

Prevention and treatment of thrombosis. Wessler S. **Adv Intern Med** 22:187–205, 1977 (66 ref.)
Part III. Dissolution of retained common duct stones. Way LW, et al. **Adv Surg** 10:99–119, 1976 (70 ref.)
Low-dose heparin for the prophylaxis of pulmonary embolism. Sherry S. **Am Rev Respir Dis** 114(4):661–6, Oct 76 (30 ref.)
Heparin Therapy: regimens and management. Deykin D. **Drugs** 13(1):46–51, Jan 77 (17 ref.)
Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)
[Parenteral feeding. Its place and its role in the modern therapeutic arsenal. Suggestion of protocol] Corman J. **Union Med Can** 105(10):1492–502, Oct 76 (71 ref.) (Eng. Abstr.) **(Fre)**
[Diagnostic therapeutic problems of defibrination syndrome in shock, sepsis, and neonatal hypoxia (author's transl)] Kirsch W, et al. **Monatsschr Kinderheilkd** 125(6):621–7, Jun 77 (32 ref.) (Eng. Abstr.) **(Ger)**
[Prevention of venous embolism and thrombosis] Asbeck F. **ZFA (Stuttgart)** 53(15):846–54, 31 May 77 (37 ref.) **(Ger)**
[Prevention of thrombosis: current status and prospects] Neri Serneri GG. **Cardiol Prat** 27(2):71–6, Jul–Dec 76 (46 ref.) **(Ita)**

ADVERSE EFFECTS

Low-dose heparin for the prophylaxis of pulmonary embolism. Sherry S. **Am Rev Respir Dis** 114(4):661–6, Oct 76 (30 ref.)
Heparin Therapy: regimens and management. Deykin D. **Drugs** 13(1):46–51, Jan 77 (17 ref.)
Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)
Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232–90, Apr 76 (207 ref.)
Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)
Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)
The treatment of venous thrombosis: angiological aspects. Widmer LK. **Triangle** 16(1):47–61, 1977 (127 ref.)

ANALYSIS

[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

BLOOD

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45–51, Apr 76 (107 ref.) **(Rus)**

DEFICIENCY

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45–51, Apr 76 (107 ref.) **(Rus)**

IMMUNOLOGY

Mast cell-derived mediators: structural and functional diversity and regulation of expression. pp. 293–320. Austen KF, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (104 ref.)
[Theoretical and experimental basis for heparin treatment of glomerulonephritis] Szewczyk Z, et al. **Pol Tyg Lek** 32(29):1129–31, 18 Jul 77 (24 ref.) **(Pol)**

METABOLISM

Homogeneous (monoclonal) immunoglobulins in cancer [editorial] Solomon A. **Am J Med** 63(2):169–76, Aug 77 (77 ref.)
Urticaria and fibrinolysis. Ryan TJ. **Clin Exp Dermatol** 2(2):177–82, Jun 77 (26 ref.)
[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

PHARMACODYNAMICS

Heparin Therapy: regimens and management. Deykin D. **Drugs** 13(1):46–51, Jan 77 (17 ref.)
Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)
Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)
Heparin and platelet function. Zucker MB. **Fed Proc** 36(1):47–9, Jan 77 (40 ref.)
Heparin, heparin-activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26–34, 1977 (60 ref.)
Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)
Abortive initiation of in vitro RNA synthesis on bacteriophage lambda DNA. pp. 413–28. Johnston DE, et al.
In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975. (16 ref.)
Formation of the RNA polymerase–lac promoter open complex. pp. 441–54. Reznikoff WS.
In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975. (19 ref.)
Blood platelets: their behavior with respect to extracorporeal membrane oxygenation. pp. 105–21. Salzman EW.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (68 ref.)
Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123–36. Spragg RG, et al.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (69 ref.)
[Microtubule inhibitors] Deysson G.
Eur J Toxicol Environ Hyg 9(5):259–70, Sep–Oct 76 (66 ref.) (Eng. Abstr.) **(Fre)**
[Theoretical and experimental basis for heparin treatment of glomerulonephritis] Szewczyk Z, et al. **Pol Tyg Lek** 32(29):1129–31, 18 Jul 77 (24 ref.) **(Pol)**

PHYSIOLOGY

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)
Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)

THERAPEUTIC USE

Prevention and treatment of thrombosis. Wessler S. **Adv Intern Med** 22:187–205, 1977 (66 ref.)
Are agents affecting platelet functions clinically useful? Verstraete M. **Am J Med** 61(6):897–914, Dec 76 (173 ref.)
Vein grafts: an historical perspective. Baird RN, et al. **Am J Surg** 134(2):293–6, Aug 77 (26 ref.)
Low-dose heparin for the prophylaxis of pulmonary embolism. Sherry S. **Am Rev Respir Dis** 114(4):661–6, Oct 76 (30 ref.)
Extracorporeal membrane oxygenation in the treatment of respiratory failure--a review. Newland PE. **Anaesth Intensive Care** 5(2):99–112, May 77 (73 ref.)
The diagnosis and treatment of endotoxic shock. Lees NW. **Anaesthesia** 31(7):897–909, Sep 76 (45 ref.)
Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)
Diagnosis of pulmonary embolism. Sharma GV, et al. **Annu Rev Med** 28:159–66, 1977 (17 ref.)
Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595–617, Oct 72 (18 ref.)

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

Heparin Therapy: regimens and management. Deykin D. **Drugs** 13(1):46–51, Jan 77 (17 ref.)

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)

Anticoagulants in the treatment of cancer. Hilgard P, et al. **Eur J Cancer** 12(10):755–62, Oct 76 (72 ref.)

Heparin, heparin-activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26–34, 1977 (60 ref.)

Disseminated intravascular coagulation in patients with infections: diagnostic and therapeutic approach. Hawiger J. **Mater Med Pol** 8(2):206–12, Apr–Jun 76 (27 ref.)

The hemolytic uremic syndrome. Kaplan BS, et al. **Pediatr Clin North Am** 23(4):761–77, Nov 76 (87 ref.)

Prevention of venous thromboembolism. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):232–90, Apr 76 (207 ref.)

Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)

Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)

Thermal trauma: therapeutic achievements and investigative horizons. Lloyd JR. **Surg Clin North Am** 57(1):121–38, Feb 77 (57 ref.)

The prevention of deep vein thrombosis, with particular reference to mechanical methods of prevention. Cotton TL. **Surgery** 81(2):228–35, Feb 77 (64 ref.)

The treatment of venous thrombosis: angiological aspects. Widmer LK. **Triangle** 16(1):47–61, 1977 (127 ref.)

[Critical study of the treatment of lupic nephropathies] Mery JPh. **Ann Med Interne (Paris)** 128(1):9–15, Jan 77 (30 ref.) (Eng. Abstr.) **(Fre)**

[Treatment of venous thrombosis of limbs] Fiessinger JN, et al. **Rev Prat** 27(21):1335–8, 1343–4, 11 Apr 77 (21 ref.) (Eng. Abstr.) **(Fre)**

[Post-phlebitic disease and its treatment] Gruffaz J. **Rev Prat** 27(21):1349–52, 1357–8, 1361–2, 11 Apr 77 (28 ref.) (Eng. Abstr.) **(Fre)**

[Acute severe pulmonary embolism. Clinical and practical attitude] Jardin F, et al. **Rev Prat** 27(31):2023–7, 1 Jun 77 (14 ref.) (Eng. Abstr.) **(Fre)**

[Treatment of pulmonary embolism] Sharma GV, et al. **Rev Prat** 27(31):2031–9, 1 Jun 77 (13 ref.) **(Fre)**

[Prevention of postoperative thrombosis] Vinazzer H. **Wien Med Wochenschr** 127(6):191–4, 30 Mar 77 (19 ref.) **(Ger)**

[Possibilities of drug-induced prevention of thrombosis with special reference to pre-, per- and postoperative time of treatment] Fisher M. **Zentralbl Chir** 102(8):449–58, 1977 (40 ref.) (Eng. Abstr.) **(Ger)**

[Septic shock (author's transl)] Schmidt D. **Zentralbl Chir** 101(18):1089–102, 1976 (43 ref.) **(Ger)**

[Medical treatment of EPH-gestosis] Massobrio M, et al. **Ann Ostet Ginecol Med Perinat** 98(2):76–96, Mar–Apr 77 (90 ref.) (Eng. Abstr.) **(Ita)**

[Prevention of thrombosis: current status and prospects] Neri Serneri GG. **Cardiol Prat** 27(2):71–6, Jul–Dec 76 (46 ref.) **(Ita)**

[Progressive renal insufficiency and rapid development of glomerular and vascular nephropathies. II.] Gessler U, et al. **Clin Ter** 81(2):89–109, 30 Apr 77 (139 ref.) (Eng. Abstr.) **(Ita)**

[Physiopathology, clinical aspects and therapy of shock in meningococcic sepsis] Simeoni S, et al. **Recent Prog Med (Roma)** 60(2):131–54, Feb 76 (169 ref.) (Eng. Abstr.) **(Ita)**

[Theoretical and experimental basis for heparin treatment of glomerulonephritis] Szewczyk Z, et al. **Pol Tyg Lek** 32(29):1129–31, 18 Jul 77 (24 ref.) **(Pol)**

[Prevention of postoperative thromboembolic complications (a review of the literature)] Pavlovskiĭ DP, et al. **Khirurgiia (Mosk)** (5):124–30, May 77 (126 ref.) **(Rus)**

[Intravascular blood clotting-component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**

[Syndrome of post-traumatic pulmonary insufficiency ('shock lung') (review of the literature)] Shraĭber MG, et al. **Vestn Khir** 118(1):135–41, Jan 77 (55 ref.) **(Rus)**

[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**

HEPARIN ANTAGONISTS

Platelets, heparin, and blood coagulation. pp. 125–43. Walsh PN.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)

ADVERSE EFFECTS

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

ANALYSIS

[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

HEPARIN CO-FACTOR

METABOLISM

Antithrombins: clinical aspects, chemical and biologic properties. Penner JA, et al. **Prog Clin Biol Res** 5:277–300, 1976 (108 ref.)

PHARMACODYNAMICS

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

PHYSIOLOGY

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

HEPARINOID

ANALYSIS

[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

PHARMACODYNAMICS

[Current findings concerning heparin and its biochemical properties] Ul'ianov AM, et al. **Usp Sovrem Biol** 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**

HYPOPROCONVERTINEMIA

BLOOD

[Determination of factors V,VII and X] Fukutake K, et al. **Jpn J Clin Med** 34 suppl:2425–32, 1976 (40 ref.) **(Jpn)**

HYPOPROTHROMBINEMIAS

Coagulopathies. Lewis JH, et al. **DM** 23(9):1–64, Jun 77 (119 ref.)

CONGENITAL

[Determination of prothrombin] Yasunaga K. **Jpn J Clin Med** 34 suppl:2433–43, 1976 (38 ref.) **(Jpn)**

ETIOLOGY

[Determination of prothrombin] Yasunaga K. **Jpn J Clin Med** 34 suppl:2433–43, 1976 (38 ref.) **(Jpn)**

KALLIKREIN-TRYPSIN INACTIVATOR

Conformation-directed proteolysis of Kunitz bovine trypsin inhibitor. pp. 915-20. Chauvet J, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p. (16 ref.)

METABOLISM

Endogenous anti-inflammatory proteins. Lewis DA. **Biochem Pharmacol** 26(8):693-8, 15 Apr 77 (86 ref.)

PHARMACODYNAMICS

Conformation-directed proteolysis of Kunitz bovine trypsin inhibitor. pp. 915-20. Chauvet J, et al.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p. (16 ref.)
[Kinin system and the prospects for its study in stomatology] Khomenko LA. **Stomatologiia (Mosk)** 56(3):75-7, May-Jun 77 (45 ref.) **(Rus)**

THERAPEUTIC USE

Trasylol revisited: the value of proteolytic inhibitors in the therapy of pancreatitis. Dreiling DA, et al. **Mt Sinai J Med NY** 43(4):409-14, Jul-Aug 76 (25 ref.)

LIPOPROTEIN LIPASE

BLOOD

The common hyperlipoproteinemias: an understanding of disease mechanisms and their control. Fisher WR, et al. **Ann Intern Med** 85(4):497-508, Oct 76 (136 ref.)
Role of lipoprotein lipase and capillary endothelium in the clearance of chylomicrons from blood: a model for lipid transport by lateral diffusion in cell membranes. Scow RO, et al. **Expos Annu Biochim Med** 33:143-64, 1977 (98 ref.)

IMMUNOLOGY

Hormone-sensitive lipase of adipose tissue. Steinberg D, et al. **Fed Proc** 36(7):1986-90, Jun 77 (44 ref.)

METABOLISM

Lipoprotein lipase. Fielding CJ, et al. **Arch Pathol Lab Med** 101(5):225-9, May 77 (50 ref.)
Effects of drugs and hormones on lipolysis in heart. Lech JJ, et al. **Fed Proc** 36(7):2000-8, Jun 77 (76 ref.)
Hormone-sensitive lipase of adipose tissue. Steinberg D, et al. **Fed Proc** 36(7):1986-90, Jun 77 (44 ref.)
Heparin, heparin-activated enzymes and platelets. Ham JM, et al. **Haemostasis** 6(1):26-34, 1977 (60 ref.)
[Some aspects of carbohydrate-lipids metabolism abnormalities in state of hunger (author's transl)] Adamczyk A. **Przegl Lek** 30(10):851-6, 1976 (49 ref.) **(Pol)**

PEPTIDE HYDROLASES

Serine proteases: structure and mechanism of catalysis. Kraut J. **Annu Rev Biochem** 46:331-58, 1977 (135 ref.)
Some properties of the high molecular weight proteins of sea urchin sperm tail flagella and of re-assembled brain microtubules. pp. 215-27. Burns RG.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976. (60 ref.)
Relationship between the structures and activities of some microbial serine proteases. II. Comparison of the tertiary structures of microbial and pancreatic serine proteases. pp. 125-42. James MN.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (34 ref.)
Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93-123. Jurasek L, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)
[The hypersensitive bronchial system] Ulmer WT, et al. **Med Klin** 72(24):1049-62, 17 Jun 77 (76 ref.) **(Ger)**
[Chemical properties of methionine and its role in proteins] Torchinskiĭ IuM. **Usp Sovrem Biol** 82(6):323-37, Nov-Dec 76 (114 ref.) **(Rus)**

ADVERSE EFFECTS

Biological effects of proteolytic enzyme detergents. **Thorax** 31(6):621-34, Dec 76 (74 ref.)

ANTAGONISTS & INHIBITORS

Concept on mechanism and regulation of intracellular enzyme degradation in mammalian tissues. Katunuma N, et al. **Adv Enzyme Regul** 14:325-45, 1976 (26 ref.)
Endogenous anti-inflammatory proteins. Lewis DA. **Biochem Pharmacol** 26(8):693-8, 15 Apr 77 (86 ref.)
Urticaria and fibrinolysis. Ryan TJ. **Clin Exp Dermatol** 2(2):177-82, Jun 77 (26 ref.)
Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10-8, Jan 77 (34 ref.)
Protease inhibitors and hemagglutinins of legumes. pp. 284-303. Liener IE.
In: Bodwell CE, ed. Evaluation of proteins for humans. Westport, Conn., AVI, 1977. QU 55 1604e 1975. (62 ref.)
Neutrophil generation of permeability enhancing peptides from plasma substrates. pp. 391-416. Movat HZ, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (34 ref.)
The role of alpha-macroglobulins in corneal ulceration. Berman MB. **Prog Clin Biol Res** 5:225-59, 1976 (55 ref.)
[Kinins and enzymatic activities related to them in the inflammatory process] Ambanelli U, et al. **Acta Vitaminol Enzymol (Milano)** 30(3):44-57, 1976 (23 ref.) (Eng. Abstr.) **(Ita)**
[Mechanism and regulation of proteolytic processes in yeast (author's transl)] Holzer H, et al. **J Jpn Biochem Soc** 48(10):962-70, 25 Oct 76 (57 ref.) **(Jpn)**
[Research progress of secondary metabolites produced by microorganisms--enzyme inhibitors (author's transl)] Umezawa H. **Protein Nucleic Acid Enzyme (Tokyo)** 21(10):776-90, Oct 76 (62 ref.) **(Jpn)**
[Biochemical changes in laryngeal cancer] Goloborod'ko OP. **Zh Ushn Nos Gorl Bolezn** (1):112-6, 1977 (96 ref.) **(Rus)**

BLOOD

The measurement of enzymes by radioimmunoassay: a review. Landon J, et al. **Ann Clin Biochem** 14(2):90-9, Mar 77 (55 ref.)
Serine proteases of coagulation and their inhibitors. pp. 189-202. Davie EW, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (46 ref.)
Fibrin formation and dissolution. pp. 239-61. McKee PA.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (53 ref.)
Diagnostic significance of proteolytic enzymes. Haschen RJ. **Z Med Lab Diagn** 18(3):147-58, Jun 77 (27 ref.) (Eng. Abstr.)
[Protease inhibitors in human serum] Tres Sánchez A, et al. **Rev Clin Esp** 142(4):297-308, 31 Aug 76 (81 ref.) **(Spa)**

DEFICIENCY

Coeliac disease (gluten hypersensitivity). Ferguson A. **J Hum Nutr** 30(3):193-201, Jun 76 (10 ref.)

ISOLATION & PURIFICATION

Isolation and characterization of four peptide hydrolases from the cytosol of rat intestinal mucosa. Schiller CM, et al. **Gastroenterology** 72(1):93-100, Jan 77 (51 ref.)
Neutrophil generation of permeability enhancing peptides from plasma substrates. pp. 391-416. Movat HZ, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (34 ref.)
Purification and physical properties of E. coli RNA polymerase. pp. 69-100. Burgess RR.

In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975. (118 ref.)

Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123. Jurasek L, et al.

In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)

METABOLISM

Concept on mechanism and regulation of intracellular enzyme degradation in mammalian tissues. Katunuma N, et al. **Adv Enzyme Regul** 14:325–45, 1976 (26 ref.)

Biosynthesis of hypothalamic peptides. McKelvy JF. **Adv Exp Med Biol** 87:77–98, 1977 (42 ref.)

Acute inflammation. A review. Ryan GB, et al. **Am J Pathol** 86(1):183–276, Jan 77 (572 ref.)

Serine proteases: structure and mechanism of catalysis. Kraut J. **Annu Rev Biochem** 46:331–58, 1977 (135 ref.)

Ultraviolet mutagenesis and inducible DNA repair in Escherichia coli. Witkin EM. **Bacteriol Rev** 40(4):869–907, Dec 76 (249 ref.)

Proteolytic cleavage events in oncornavirus protein synthesis. Shapiro SZ, et al. **Biochim Biophys Acta** 458(4):375–96, 23 Dec 76 (135 ref.)

Mechanism and regulation of protein turnover in animal cells. Segal HL. **Curr Top Cell Regul** 11:183–201, 1976 (71 ref.)

Secretion of lysosomal enzymes induced by immune complexes and complement. Henson PM. **Front Biol** 45:99–126, 1976 (308 ref.)

Effects of silica, asbestos and other pollutants on macrophages. pp. 114–34. Allison AC.
In: Aharonson EF, et al., ed. Air pollution and the lung. New York, Wiley, 1976. W3 012 1975a. (92 ref.)

Neutrophil generation of permeability enhancing peptides from plasma substrates. pp. 391–416. Movat HZ, et al.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (34 ref.)

Yeast RNA polymerases. pp. 763–78. Sentenac A, et al.
In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975. (25 ref.)

Biodegradation of hormonally active peptides in the central nervous system. pp. 129–47. Marks N.
In: Naftolin F, et al., ed. Subcellular mechanisms in reproductive neuroendocrinology. Amsterdam, Elsevier, 1976. WQ 205 S991s 1975. (68 ref.)

The proteolytic enzymes of the K–1 strain of Streptomyces griseus obtained from a commercial preparation (Pronase). XI. Evolutionary implications. pp. 77–91. Awad WM Jr, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)

Studies of the selectivity and mechanisms of intracellular protein degradation. pp. 313–37. Goldberg AL, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (29 ref.)

Relationship between the structures and activities of some microbial serine proteases. II. Comparison of the tertiary structures of microbial and pancreatic serine proteases. pp. 125–42. James MN.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (34 ref.)

Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123. Jurasek L, et al.

In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)

Substrate specificity in pinocytosis and intralysosomal protein digestion. pp. 371–89. Lloyd JB.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (23 ref.)

Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. Magnusson S, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (87 ref.)

Proteases produced by normal and malignant cells in culture. pp. 263–85. Rifkin DB, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (33 ref.)

Evolution and function of calcium-binding proteins. Kretsinger RH. **Int Rev Cytol** 46:323–93, 1976 (313 ref.)

Surface components affecting interactions between Neisserai gonorrhoeae and eucaryotic cells. Swanson J. **J Infect Dis** 136 Suppl:S138–43, Aug 77 (15 ref.)

Renin–angiotensin system: biochemistry and mechanisms of action. Peach MJ. **Physiol Rev** 57(2):313–70, Apr 77 (555 ref.)

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

Bactericidal mechanisms of the granulocyte. Spitznagel JK. **Prog Clin Biol Res** 13:103–31, 1977 (126 ref.)

Role of peptidases and peptide transport in the intestinal absorption of proteins. Das M, et al. **World Rev Nutr Diet** 24:58–87, 1976 (126 ref.)

[Diagnostic methods in the assessment of gastrointestinal function (author's transl)] Pointer H. **Wien Klin Wochenschr** 88(19):609–18, 15 Oct 76 (48 ref.) (Eng. Abstr.) **(Ger)**

[Mechanism and regulation of proteolytic processes in yeast (author's transl)] Holzer H, et al. **J Jpn Biochem Soc** 48(10):962–70, 25 Oct 76 (57 ref.) **(Jpn)**

[Regulation of intracellular ornithine aminotransferase level and its turnover (author's transl)] Katunuma N. **J Jpn Biochem Soc** 48(8):799–809, 25 Aug 76 (35 ref.) **(Jpn)**

[Kinin system and the prospects for its study in stomatology] Khomenko LA. **Stomatologiia (Mosk)** 56(3):75–7, May–Jun 77 (45 ref.) **(Rus)**

[Biochemical changes in laryngeal cancer] Goloborod'ko OP. **Zh Ushn Nos Gorl Bolezn** (1):112–6, 1977 (96 ref.) **(Rus)**

[Enzymatic properties of thermophilic fungi] Bilaĭ TI. **Mikrobiol Zh** 39(2):243–8, Mar–Apr 77 (72 ref.) **(Ukr)**

PHARMACODYNAMICS

The role of nerve-growth factor (NGF) in the central nervous system. Freed WJ. **Brain Res Bull** 1(4):393–412, Jul–Aug 76 (243 ref.)

Towards selectivity? Approaches to the design of new anti-tumour agents—II. Cox PJ, et al. **Cancer Treat Rev** 4(2):119–34, Jun 77 (121 ref.)

Solubilization of biologically active cell surface antigens. Pincus JH. **Contemp Top Mol Immunol** 5:87–124, 1976 (171 ref.)

Isolation and characterization of four peptide hydrolases from the cytosol of rat intestinal mucosa. Schiller CM, et al. **Gastroenterology** 72(1):93–100, Jan 77 (51 ref.)

Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. pp. 50–80. Holmsen H.

In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (148 ref.)

[Polyagglutinability due to Hempas antigen] Rochant H, et al. **Rev Fr Transfus Immunohematol** 19(1):239–45, Mar 76 (12 ref.) (Eng. Abstr.) **(Fre)**

[Drug therapy of bronchosecretolytic disorders] Schmidt OP. **Med Klin** 72(5):145–60, 4 Feb 77 (98 ref.) **(Ger)**

[Electrokinetic characteristics and intercellular interaction of the formed elements of the blood] Markosian AA, et al. **Usp Fiziol Nauk** 8(1):91–108, Jan–Mar 77 (81 ref.) **(Rus)**

PHYSIOLOGY

The role of proteases in biological regulation. pp. 29–42. Neurath H, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (21 ref.)

THERAPEUTIC USE

Current management of cystic fibrosis. Waring WW. **Adv Pediatr** 23:401–38, 1976 (74 ref.)

[Surgical infection and methods of its control] Ivashkevich GA. **Klin Khir** (5):13–8, May 76 (27 ref.) (Eng. Abstr.) **(Rus)**

[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110–5, 1976 (43 ref.) **(Rus)**

TOXICITY

Biological effects of proteolytic enzyme detergents. **Thorax** 31(6):621–34, Dec 76 (74 ref.)

PEPTIDE PEPTIDOHYDROLASES

BLOOD

Peptidase inactivation of hypothalamic releasing hormones. Griffiths EC. **Horm Res** 7(3):179–91, 1976 (69 ref.)

DEFICIENCY

[Congenital enterokinase deficiency] Goddon R. **Pediatrie** 32(3):297–301, Apr–May 77 (26 ref.) **(Fre)**

METABOLISM

Lysosomal enzymes in mammalian spermatozoa. Morton DB. **Front Biol** 45:203–55, 1976 (595 ref.)

Peptidase inactivation of hypothalamic releasing hormones. Griffiths EC. **Horm Res** 7(3):179–91, 1976 (69 ref.)

[Mechanism and regulation of proteolytic processes in yeast (author's transl)] Holzer H, et al. **J Jpn Biochem Soc** 48(10):962–70, 25 Oct 76 (57 ref.) **(Jpn)**

THERAPEUTIC USE

Chymopapain--past and present, future? Ford LT. **Clin Orthop** (122):367–73, Jan–Feb 77 (39 ref.)

[Urokinase. Biochemical therapeutical and therapeutical data (author's transl)] Kher A. **Pathol Biol (Paris)** 24 Suppl:54–69, Dec 76 (115 ref.) (Eng. Abstr.) **(Fre)**

PHYTONADIONE

METABOLISM

The molecular basis of brush-border membrane disease. pp. 229–41. Crane RK, et al.
In: Bolis L, et al., ed. Membranes and disease. New York, Raven Press, 1976. W3 IN169J 1975m. (53 ref.)

Interaction between vitamin K1 and fat absorption. **Nutr Rev** 34(10):314–5, Oct 76 (2 ref.)

PLASMINOGEN

Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. Magnusson S, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (87 ref.)

[Mechanism and frequency of hemorrhagic complications in patients with plasma cell myeloma (author's transl)] Lisiewicz J. **Przegl Lek** 34(5):495–8, 1977 (24 ref.) **(Pol)**

ANALYSIS

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

DIAGNOSTIC USE

Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

METABOLISM

Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. Magnusson S, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (87 ref.)

Proteases produced by normal and malignant cells in culture. pp. 263–85. Rifkin DB, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (33 ref.)

Effector mechanisms and products of the physiological fibrinolytic systems. Edgington TS, et al. **Prog Clin Biol Res** 5:85–120, 1976 (156 ref.)

The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Kaplan AP, et al. **Semin Thromb Hemostas** 3(1):1–26, Jul 76 (128 ref.)

PHYSIOLOGY

Mechanisms of thrombotic disease. Paton RC, et al. **Pathobiol Annu** 6:59–93, 1976 (332 ref.)

PROTAMINES

Androgen receptors in human prostatic tissues: a review. Menon M, et al. **Cancer Treat Rep** 61(2):265–71, Mar–Apr 77 (26 ref.)

ADVERSE EFFECTS

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

BIOSYNTHESIS

The structure and function of protamine mRNA from developing trout testis. Davies PL, et al. **Prog Nucleic Acid Res Mol Biol** 19:135–55, 1976 (53 ref.)

DIAGNOSTIC USE

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

PHARMACODYNAMICS

Steroid hormone receptors in the regulation of differentiation. A review. McCarty KS Jr, et al. **Am J Pathol** 86(3):705–44, Mar 77 (184 ref.)

Effects of drugs and hormones on lipolysis in heart. Lech JJ, et al. **Fed Proc** 36(7):2000–8, Jun 77 (76 ref.)

PROTHROMBIN

Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. Magnusson S, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (87 ref.)

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

[Staphylocoagulase and staphylothrombin] Zajdel M, et al. **Postepy Hig Med Dosw** 31(1):17–31, Jan - Feb 77 (77 ref.) (Eng. Abstr.) **(Pol)**

[Intravascular blood clotting-component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3–13, Mar–Apr 77 (37 ref.) **(Rus)**

ANALYSIS

Thrombophlebitis. Kerstein MD. **Angiology** 28(4):228–34, Apr 77 (64 ref.)

The blood clotting mechanism. Esnouf MP. **Prog Clin Biol Res** 5:69–84, 1976 (105 ref.)

[Determination of prothrombin] Yasunaga K. **Jpn J Clin Med** 34 suppl:2433–43, 1976 (38 ref.) **(Jpn)**

[Blood coagulation system in patients with certain dermatoses] Mrachkovskaia MN. **Vestn Dermatol Venerol** (5):55–61, May 76 (79 ref.) **(Rus)**

BIOSYNTHESIS

Vitamin K-dependent formation of gamma-carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157–72, 1977 (113 ref.)

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

[Mechanism of action of vitamin K and how it is affected by anticoagulants] Schade R, et al. **Pharmazie** 31(9):585–9,

1976 (70 ref.) **(Ger)**

ISOLATION & PURIFICATION

Improved procedures for the purification of selected vitamin K-dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307-38, 1976 (95 ref.)

METABOLISM

The biochemistry of prothrombin activation. pp. 61-99. Jackson CM.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (175 ref.)

Serine proteases of coagulation and their inhibitors. pp. 189-202. Davie EW, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (46 ref.)

Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203-38. Magnusson S, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (87 ref.)

Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1-70, Jan 77 (526 ref.)

Improved procedures for the purification of selected vitamin K-dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307-38, 1976 (95 ref.)

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121-45, 1976 (74 ref.)

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301-18, Jul 77 (192 ref.)

PHYSIOLOGY

Vitamin K-dependent formation of gamma-carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157-72, 1977 (113 ref.)

PROTHROMBIN TIME

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239-54, Apr 77 (62 ref.)

[Determination of prothrombin] Yasunaga K. **Jpn J Clin Med** 34 suppl:2433-43, 1976 (38 ref.) **(Jpn)**

PURPURA, THROMBOPENIC

CHEMICALLY INDUCED

[Multiple manifestations of intolerance in association with anti-inflammatory agents. Role of phenylbutazone] Tolot F, et al. **Sem Hop Ther** 52(3):185-90, Mar 76 (52 ref.) **(Fre)**

COMPLICATIONS

Management of idiopathic thrombocytopenic purpura in the adult. Lacey JV, et al. **Semin Thromb Hemostas** 3(3):160-74, Jan 77 (67 ref.)

DIAGNOSIS

Management of idiopathic thrombocytopenic purpura in the adult. Lacey JV, et al. **Semin Thromb Hemostas** 3(3):160-74, Jan 77 (67 ref.)

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C. **Semin Thromb Hemostas** 3(3):125-59, Jan 77 (165 ref.)

DRUG THERAPY

Treatment of idiopathic thrombocytopenic purpura (ITP). Ahn YS, et al. **Annu Rev Med** 28:299-309ENG, 1977 (74 ref.)

Clinical immunology of the corticosteroids. Schreiber AD. **Prog Clin Immunol** 3:103-14, 1977 (60 ref.)

Idiopathic thrombocytopenic purpura in children. Lusher JM, et al. **Semin Thromb Hemostas** 3(3):175-99, Jan 77 (198 ref.)

ETIOLOGY

Idiopathic thrombocytopenic purpura in children. Lusher JM, et al. **Semin Thromb Hemostas** 3(3):175-99, Jan 77 (198 ref.)

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C. **Semin Thromb Hemostas** 3(3):125-59, Jan 77 (165 ref.)

FAMILIAL & GENETIC

[Blood platelet disorders. I. Genetically determined syndrome] Michalski R, et al. **Acta Haematol Pol** 8(1):49-55, Jan-Mar 77 (30 ref.) **(Pol)**

IMMUNOLOGY

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C. **Semin Thromb Hemostas** 3(3):125-59, Jan 77 (165 ref.)

OCCURRENCE

Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Mueller-Eckhardt C. **Semin Thromb Hemostas** 3(3):125-59, Jan 77 (165 ref.)

SURGERY

Treatment of idiopathic thrombocytopenic purpura (ITP). Ahn YS, et al. **Annu Rev Med** 28:299-309ENG, 1977 (74 ref.)

THERAPY

Treatment of idiopathic thrombocytopenic purpura (ITP). Ahn YS, et al. **Annu Rev Med** 28:299-309ENG, 1977 (74 ref.)

Management of idiopathic thrombocytopenic purpura in the adult. Lacey JV, et al. **Semin Thromb Hemostas** 3(3):160-74, Jan 77 (67 ref.)

Idiopathic thrombocytopenic purpura in children. Lusher JM, et al. **Semin Thromb Hemostas** 3(3):175-99, Jan 77 (198 ref.)

PURPURA, THROMBOTIC THROMBOPENIC

BLOOD

[Problem of overlapping of collagen diseases with other related diseases or autoimmune diseases--thrombotic thrombopenic purpura--] Yamanaka M. **Jpn J Clin Med** 34(6):1147-53, Jun 76 (30 ref.) **(Jpn)**

COMPLICATIONS

[Systemic lupus erythematosus and overlapping syndrome] Katsu M, et al. **Jpn J Clin Med** 34(6):1124-30, Jun 76 (30 ref.) **(Jpn)**

[Problem of overlapping of collagen diseases with other related diseases or autoimmune diseases--thrombotic thrombopenic purpura--] Yamanaka M. **Jpn J Clin Med** 34(6):1147-53, Jun 76 (30 ref.) **(Jpn)**

DIAGNOSIS

[Problem of overlapping of collagen diseases with other related diseases or autoimmune diseases--thrombotic thrombopenic purpura--] Yamanaka M. **Jpn J Clin Med** 34(6):1147-53, Jun 76 (30 ref.) **(Jpn)**

SHWARTZMAN PHENOMENON

BLOOD

[Intravascular blood clotting-component of the pathogenesis of different diseases] Baluda VP. **Patol Fiziol Eksp Ter** (2):3-13, Mar-Apr 77 (37 ref.) **(Rus)**

STREPTODORNASE AND STREPTOKINASE

THERAPEUTIC USE

The hemolytic uremic syndrome. Kaplan BS, et al. **Pediatr Clin North Am** 23(4):761–77, Nov 76 (87 ref.)

STREPTOKINASE

ADMINISTRATION & DOSAGE

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)

ADVERSE EFFECTS

The treatment of venous thrombosis: angiological aspects. Widmer LK. **Triangle** 16(1):47–61, 1977 (127 ref.)

DIAGNOSTIC USE

Radiopharmaceuticals labelled with technetium. Eckelman WC, et al. **Int J Appl Radiat Isot** 28(1–2):67–82, Jan–Feb 77 (134 ref.)

Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Krohn KA, et al. **Semin Nucl Med** 7(3):219–28, Jul 77 (70 ref.)

IMMUNOLOGY

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)

THERAPEUTIC USE

Theoretical and practical aspects of thrombolytic therapy. Hirsh J. **Angiology** 28(1):1–6, Jan 77 (34 ref.)

Antithrombotic drugs: part II. Gallus AS, et al. **Drugs** 12(2):132–57, 1976 (219 ref.)

Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)

The treatment of venous thrombosis: angiological aspects. Widmer LK. **Triangle** 16(1):47–61, 1977 (127 ref.)

[Treatment of pulmonary embolism] Sharma GV, et al. **Rev Prat** 27(31):2031–9, 1 Jun 77 (13 ref.) **(Fre)**

[Diagnostic therapeutic problems of defibrination syndrome in shock, sepsis, and neonatal hypoxia (author's transl)] Kirsch W, et al. **Monatsschr Kinderheilkd** 125(6):621–7, Jun 77 (32 ref.) (Eng. Abstr.) **(Ger)**

THROMBIN

Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. Arnesen H. **J Oslo City Hosp** 27(6):69–80, Jun 77 (76 ref.)

Antithrombins: clinical aspects, chemical and biologic properties. Penner JA, et al. **Prog Clin Biol Res** 5:277–300, 1976 (108 ref.)

[Chemistry of growth hormone] Yanaihara N. **Clin Endocrinol (Tokyo)** 25(2):123–30, Feb 77 (24 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Rosenberg RD. **Fed Proc** 36(1):10–8, Jan 77 (34 ref.)

Disseminated intravascular coagulation in patients with infections: diagnostic and therapeutic approach. Hawiger J. **Mater Med Pol** 8(2):206–12, Apr–Jun 76 (27 ref.)

BIOSYNTHESIS

Coagulation pathways: interrelationships and control mechanisms. Bennett B. **Semin Hematol** 14(3):301–18, Jul 77 (192 ref.)

The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265–99, Jul 77 (279 ref.)

METABOLISM

The endothelium: roles in thrombosis and hemostasis Mason RG, et al. **Arch Pathol Lab Med** 101(2):61–4, Feb 77 (96 ref.)

The biochemistry of prothrombin activation. pp. 61–99. Jackson CM.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (175 ref.)

The role of proteases in biological regulation. pp. 29–42. Neurath H, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (21 ref.)

Improved procedures for the purification of selected vitamin K-dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38, 1976 (95 ref.)

Physiological effects of the plasminolytic derivatives of fibrinogen. Triantaphyllopoulos DC. **Prog Clin Biol Res** 5:121–45, 1976 (74 ref.)

[General mechanisms of biochemical regulation of the kallikrein, clotting and fibrinolytic systems of the blood] Gomazkov OA, et al. **Usp Sovrem Biol** 82(6):356–70, Nov–Dec 76 (77 ref.) **(Rus)**

PHARMACODYNAMICS

Prostaglandins and platelet function. Salzman EW. **Adv Prostaglandin Thromboxane Res** 2:767–80, 1976 (66 ref.)

Role of platelets in hemostasis and thrombosis. pp. 23–37. Day HJ.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)

Dietary essential fatty acids, prostaglandin formation and platelet aggregation. **Nutr Rev** 34(8):243–6, Aug 76 (12 ref.)

Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. Holmsen H. **Ser Haematol** 8(3):50–80, 1975 (148 ref.)

[Release reaction and adenine nucleotide metabolism of blood platelets] Jinbo C. **Jpn J Clin Hematol** 17(12):1235–60, Dec 76 (107 ref.) **(Jpn)**

THROMBOCYTOSIS

BLOOD

[Modern methods of diagnosing blood hypercoagulability] Buchbarova V. **Khirurgiia (Sofiia)** 30(1):79–84, 1977 (13 ref.) **(Bul)**

ETIOLOGY

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

THROMBOPENIA

Assays for thrombopoietin. McDonald TP. **Scand J Haematol** 18(1):5–12, Jan 77 (52 ref.)

CHEMICALLY INDUCED

Heparin Therapy: regimens and management. Deykin D. **Drugs** 13(1):46–51, Jan 77 (17 ref.)

Adverse reactions to rifampicin in antituberculosis regimens. Girling DJ. **J Antimicrob Chemother** 3(2):115–32, Mar 77 (106 ref.)

Neocarzinostatin (NSC 157365) a new cancerostatic compound. Legha SS, et al. **Oncology** 33(5–6):265–70, 1976 (29 ref.)

Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)

[Somatic aspects of chronic alcoholism] De Groote J. **Tijdschr Gastroenterol** 19(2):103–16, 1976 (52 ref.) (Eng. Abstr.) **(Dut)**

[Multiple manifestations of intolerance in association with anti-inflammatory agents. Role of phenylbutazone] Tolot F, et al. **Sem Hop Ther** 52(3):185–90, Mar 76 (52 ref.) **(Fre)**

COMPLICATIONS

Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Bick RL. **Semin Thromb Hemostas** 3(2):59–82, Oct 76 (77 ref.)

Management of idiopathic thrombocytopenic purpura in the adult. Lacey JV, et al. **Semin Thromb Hemostas** 3(3):160–74, Jan 77 (67 ref.)

DIAGNOSIS

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123–36. Spragg RG, et al. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (69 ref.)

ETIOLOGY

Extracorporeal membrane oxygenation in the treatment of respiratory failure--a review. Newland PE. **Anaesth Intensive Care** 5(2):99–112, May 77 (73 ref.)

The hemorrhagic complications of open-heart surgery. Leichtman DA, et al. **CRC Crit Rev Clin Lab Sci** 7(3):239–54, Apr 77 (62 ref.)

Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123–36. Spragg RG, et al. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (69 ref.)

Adverse reactions to rifampicin in antituberculosis regimens. Girling DJ. **J Antimicrob Chemother** 3(2):115–32, Mar 77 (106 ref.)

Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133–45, Sep 77 (91 ref.)

Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273–87, 1976 (24 ref.)

[Study of blood coagulation disorders after operations with extracorporeal circulation in infants and children] Calza G. **Minerva Cardioangiol** 25(4):279–88, Apr 77 (63 ref.) (Eng. Abstr.) **(Ita)**

[Hereditary thrombocytopathies (literature survey and personal data)] Shabanov NP. **Probl Gematol Pereliv Krovi** 21(7):40–9, Jul 76 (154 ref.) **(Rus)**

PREVENTION & CONTROL

Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123–36. Spragg RG, et al. **In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.** (69 ref.)

THERAPY

Diagnosis and management of bleeding disorders. Ellison N. **Anesthesiology** 47(2):171–80, Aug 77 (34 ref.)

Platelet transfusion therapy. Aisner J. **Med Clin North Am** 61(5):1133–45, Sep 77 (91 ref.)

THROMBOPLASTIN

ANALYSIS

[Determination of prothrombin] Yasunaga K. **Jpn J Clin Med** 34 suppl:2433–43, 1976 (38 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

[Products of fibrinogen splitting and their biological significance (literature survey)] Timoshenko LI. **Lab Delo** (9):515–20, 1976 (91 ref.) **(Rus)**

METABOLISM

Mediators of inflammation. Ratnoff OD. **J Allergy Clin Immunol** 58(3):438–46, Sep 76 (61 ref.)

PHYSIOLOGY

Syndromes of intravascular coagulation. Rodríguez-Erdmann F. **Surg Annu** 9:1–28, 1977 (28 ref.)

SECRETION

[Changes in the blood coagulation system and fibrinolysis during growth and metastasis of malignant neoplasms] Bergut FA. **Sov Med** (4):45–51, Apr 76 (107 ref.) **(Rus)**

TRYPSIN

Biotin enzymes. Wood HG, et al. **Annu Rev Biochem** 46:385–413, 1977 (111 ref.)

Mechanisms of zymogen activation. Stroud RM, et al. **Annu Rev Biophys Bioeng** 6:177–93, 1977 (50 ref.)

Cell-surface glycoproteins in normal and transformed cells. Warren L, et al. **Biochem Soc Symp** (40):147–57, 1974 (32 ref.)

Cell surface membrane interactions in reproductive physiology. pp. 25–45. Mehrishi JN. **In: Hemmings WA, ed. Maternofoetal transmission of immunoglobulins. London, Cambridge Univ Press, 1976. W3 C162G v.2 1974.** (70 ref.)

Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123. Jurasek L, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (44 ref.)

Conformation-directed proteolysis of Kunitz bovine trypsin inhibitor. pp. 915–20. Chauvet J, et al. **In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.** (16 ref.)

The organization and function of water in protein crystals. Finney JL. **Philos Trans R Soc Lond [Biol]** 278(959):3–32, 29 Mar 77 (87 ref.)

Biochemical applications of relaxation kinetics. Malcolm AD. **Prog Biophys Mol Biol** 30(2–3):205–25, 1975 (114 ref.)

[Chemistry of growth hormone] Yanaihara N. **Clin Endocrinol (Tokyo)** 25(2):123–30, Feb 77 (24 ref.) **(Jpn)**

[Structure and function of tropomyosin (author's transl)] Ueno H. **Protein Nucleic Acid Enzyme (Tokyo)** 22(4):260–7, 1 Apr 77 (60 ref.) **(Jpn)**

[Thomsen antigen--a new receptor arising in cells under the influence of myxoviruses and several bacteria] Berdinskikh MS, et al. **Usp Sovrem Biol** 82(4):132–42, Jul–Aug 76 (141 ref.) **(Rus)**

ADVERSE EFFECTS

[Drug-induced lung diseases] Medici TC, et al. **Schweiz Med Wochenschr** 107(6):162–71, 12 Feb 77 (69 ref.) (Eng. Abstr.) **(Ger)**

ANALYSIS

Tests of exocrine pancreatic function. Gowenlock AH. **Ann Clin Biochem** 14(2):61–89, Mar 77 (208 ref.)

METABOLISM

Serine proteases: structure and mechanism of catalysis. Kraut J. **Annu Rev Biochem** 46:331–58, 1977 (135 ref.)

Reactivity and cryoenzymology of enzymes in the crystalline state. Makinen MW, et al. **Annu Rev Biophys Bioeng** 6:301–43, 1977 (205 ref.)

Mechanisms of zymogen activation. Stroud RM, et al. **Annu Rev Biophys Bioeng** 6:177–93, 1977 (50 ref.)

Structural studies on the pancreatic trypsin inhibitor – trypsin complex and its free components: structure and function relationship in serine protease inhibition and catalysis. pp. 43–76. Bode W, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (22 ref.)

Studies of the selectivity and mechanisms of intracellular protein degradation. pp. 313–37. Goldberg AL, et al. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.** (29 ref.)

Relationship between the structures and activities of some microbial serine proteases. II. Comparison of the tertiary structures of microbial and pancreatic serine proteases. pp. 125–42. James MN. **In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202**

v.11 1976. (34 ref.)
Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123. Jurasek L, et al.

In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)
The role of proteases in biological regulation. pp. 29–42. Neurath H, et al.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (21 ref.)
[Effect of food on the exocrine function of the pancreas] Stasiewicz J, et al. **Pol Arch Med Wewn** 57(1):63–70, Jan 77 (75 ref.) **(Pol)**

PHARMACODYNAMICS

Properties and regulation of liver phosphorylase phosphatase. Lee EY, et al. **Adv Enzyme Regul** 14:467–90, 1976 (51 ref.)
Cell surface receptors and lymphocyte migration. Schlesinger M. **Immunol Commun** 5(9):775–93, 1976 (54 ref.)
Protein phosphokinases and mode of action of guanosine 3',5'–monophosphate. pp. 139–52. Nishizuka Y, et al.
In: Criss WE, et al., ed. Control mechanisms in cancer. New York, Raven Press, 1976. W1 PR667M v.1 1976. (46 ref.)
Surface components affecting interactions between Neisserai gonorrhoeae and eucaryotic cells. Swanson J.
J Infect Dis 136 Suppl:S138–43, Aug 77 (15 ref.)
[A molecular basis for the variations in virulence of Newcastle disease virus (author's transl)] Nagai Y.
Protein Nucleic Acid Enzyme (Tokyo) 22(5):385–95, May 77 (51 ref.) **(Jpn)**

TRYPSIN INHIBITORS

Mechanisms of zymogen activation. Stroud RM, et al.
Annu Rev Biophys Bioeng 6:177–93, 1977 (50 ref.)
Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123. Jurasek L, et al.

In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)
[Chemical structure and function of protein proteinase inhibitors (author's transl)] Odani S, et al.
J Jpn Biochem Soc 49(1):1–18, 1977 (187 ref.) **(Jpn)**

ANALYSIS

Protease inhibitors and hemagglutinins of legumes. pp. 284–303. Liener IE.
In: Bodwell CE, ed. Evaluation of proteins for humans. Westport, Conn., AVI, 1977. QU 55 I604e 1975. (62 ref.)
Antitrypsin. Mittman C. **Prog Clin Biol Res** 5:261–75, 1976 (86 ref.)

DEFICIENCY

Antitrypsin. Mittman C. **Prog Clin Biol Res** 5:261–75, 1976 (86 ref.)

METABOLISM

Recent developments in suicide substrates and other active site–directed inactivating agents of specific target enzymes. Walsh C. **Horiz Biochem Biophys** 3:36–81, 1977 (67 ref.)

PHARMACODYNAMICS

Insulo–acinar axis, its vascular basis and its functional and morphological changes caused by CCK–PZ and caerulein. pp. 347–57. Fujita T, et al.
In: Fujita T, ed. Endocrine gut and pancreas. Amsterdam, Elsevier Scientific, 1976. WK 170 I605e 1975. (29 ref.)

PHYSIOLOGY

Structural studies on the pancreatic trypsin inhibitor – trypsin complex and its free components: structure and function relationship in serine protease inhibition and catalysis. pp. 43–76. Bode W, et al.

In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (22 ref.)
[Chemical structure and function of protein proteinase inhibitors (author's transl)] Odani S, et al.
J Jpn Biochem Soc 49(1):1–18, 1977 (187 ref.) **(Jpn)**

TRYPSINOGEN

Mechanisms of zymogen activation. Stroud RM, et al.
Annu Rev Biophys Bioeng 6:177–93, 1977 (50 ref.)

METABOLISM

Mechanisms of zymogen activation. Stroud RM, et al.
Annu Rev Biophys Bioeng 6:177–93, 1977 (50 ref.)

SECRETION

The digestive enzymes of the pancreas: a mixture of inconstant proportions. Rothman SS. **Annu Rev Physiol** 39:373–89, 1977 (70 ref.)

VITAMIN K

Progress in the field of fat–soluble vitamins and carotenoids. Isler O. **Experientia** 33(5):555–73, 15 May 77 (50 ref.)
Molecular aspects of chemical radiosensitization. Cadet J, et al. **J Radiat Res (Tokyo)** 18(2):93–101, May 77 (59 ref.)

ADVERSE EFFECTS

Vitamin toxicity. Diploma JR, et al.
Annu Rev Pharmacol Toxicol 17:133–48, 1977 (199 ref.)

ANTAGONISTS & INHIBITORS

Antithrombotic drugs: part I. Gallus AS, et al. **Drugs** 12(1):41–68, 1976 (192 ref.)
Treatment of venous thromboembolic disease. Gallus AS, et al. **Semin Thromb Hemostas** 2(4):291–331, Apr 76 (260 ref.)

METABOLISM

Dysnutrition, wound healing, and resistance to infection. Levenson SM, et al. **Clin Plast Surg** 4(3):375–88, Jul 77 (100 ref.)
Interrelationships of mycotoxins with nutrition. Hamilton PB. **Fed Proc** 36(6):1899–902, May 77 (40 ref.)
Prothrombin structure, activation, and biosynthesis. Suttie JW, et al. **Physiol Rev** 57(1):1–70, Jan 77 (526 ref.)

PHARMACODYNAMICS

Improved procedures for the purification of selected vitamin K–dependent proteins. Novoa E, et al. **Prep Biochem** 6(5):307–38, 1976 (95 ref.)
[Mechanism of action of vitamin K and how it is affected by anticoagulants] Schade R, et al. **Pharmazie** 31(9):585–9, 1976 (70 ref.) **(Ger)**

PHYSIOLOGY

Vitamin K–dependent formation of gamma–carboxyglutamic acid. Stenflo J, et al. **Annu Rev Biochem** 46:157–72, 1977 (113 ref.)
Progress in the field of fat–soluble vitamins and carotenoids. Isler O. **Experientia** 33(5):555–73, 15 May 77 (50 ref.)
The biochemistry of prothrombin activation. pp. 61–99. Jackson CM.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (175 ref.)
[The importance of clinical observations for medical research] Koller F. **Schweiz Med Wochenschr** 106(44):1489–98, 30 Oct 76 (84 ref.) (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176–96, Jan 76 (115 ref.)

VITAMIN K DEFICIENCY

Early signs of deficiencies of fat-soluble vitamins. Brubacher G. **Bibl Nutr Dieta** (23):51-60, 1976 (22 ref.)

CHEMICALLY INDUCED

Drugs and vitamin deficiency. Clark F. **J Hum Nutr** 30(5):333-7, Oct 76 (41 ref.)

COMPLICATIONS

Coagulopathies. Lewis JH, et al. **DM** 23(9):1-64, Jun 77 (119 ref.)
Disorders of hemostasis and thrombosis in the aged. Hussain S. **Med Clin North Am** 60(6):1273-87, 1976 (24 ref.)
Hemostatic failure in clinical medicine. Bowie EJ, et al. **Semin Hematol** 14(3):341-64, Jul 77 (112 ref.)
[Determination of prothrombin] Yasunaga K. **Jpn J Clin Med** 34 suppl:2433-43, 1976 (38 ref.) **(Jpn)**

DIAGNOSIS

Early signs of deficiencies of fat-soluble vitamins. Brubacher G. **Bibl Nutr Dieta** (23):51-60, 1976 (22 ref.)

METABOLISM

Early signs of deficiencies of fat-soluble vitamins. Brubacher G. **Bibl Nutr Dieta** (23):51-60, 1976 (22 ref.)

VON WILLEBRAND'S DISEASE

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207-28, 1977 (86 ref.)
[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979-980):175-94, May-Jun 76 (177 ref.) **(Ita)**

BLOOD

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319-39, Jul 77 (129 ref.)
The hemostatic plug. Sixma JJ, et al. **Semin Hematol** 14(3):265-99, Jul 77 (279 ref.)
Factor VIII in von Willebrand' disease. Irwin JF. **Semin Thromb Hemostas** 2(2):85-104, Oct 75 (125 ref.)
The platelet in von Willebrand's disease: interactions with ristocetin and factor VIII. Walsh RT. **Semin Thromb Hemostas** 2(2):105-115, Oct 75 (83 ref.)
[Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Kagami M. **Jpn J Clin Med** 34 suppl:2407-24, 1976 (294 ref.) **(Jpn)**
[Physiochemical properties and structure of factor VIII] Bykowska K. **Acta Haematol Pol** 8(1):57-63, Jan-Mar 77 (40 ref.) **(Pol)**

COMPLICATIONS

Molecular genetics of factor VIII and its disorders. Bloom AL, et al. **Semin Hematol** 14(3):319-39, Jul 77 (129 ref.)

DIAGNOSIS

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207-28, 1977 (86 ref.)
[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979-980):175-94, May-Jun 76 (177 ref.) **(Ita)**
[Advances in hematology. Willebrand's disease and hemophilia A in the light of latest studies of the factor VIII] Zawilska K. **Pol Arch Med Wewn** 56(8):179-84, Aug 76 (36 ref.) **(Pol)**

FAMILIAL & GENETIC

Von Willebrand's disease--a common bleeding disorder. Lian EC. **Adv Intern Med** 22:207-28, 1977 (86 ref.)
Factor VIII in von Willebrand' disease. Irwin JF. **Semin Thromb Hemostas** 2(2):85-104, Oct 75 (125 ref.)
[Hemophilia and von Willebrand's disease. (Recent acquisitions)] Gastaldi G, et al. **Pathologica** 68(979-980):175-94, May-Jun 76 (177 ref.) **(Ita)**
[Physiochemical properties and structure of factor VIII] Bykowska K. **Acta Haematol Pol** 8(1):57-63, Jan-Mar 77 (40 ref.) **(Pol)**
[Blood platelet disorders. I. Genetically determined syndrome] Michalski R, et al. **Acta Haematol Pol** 8(1):49-55, Jan-Mar 77 (30 ref.) **(Pol)**

PHYSIOPATHOLOGY

Coagulopathies. Lewis JH, et al. **DM** 23(9):1-64, Jun 77 (119 ref.)
[Classification of platelet function abnormalities (author's transl)] Deguchi K. **Jpn J Clin Hematol** 17(7):716-29, Jul 76 (98 ref.) **(Jpn)**

THERAPY

Factor VIII in von Willebrand' disease. Irwin JF. **Semin Thromb Hemostas** 2(2):85-104, Oct 75 (125 ref.)

WARFARIN

ADVERSE EFFECTS

Management of the patient with a prosthetic heart valve. Robicsek F, et al. **Ann Thorac Surg** 22(4):389-99, Oct 76 (107 ref.)
Some disorders exhibiting brachytelephalangy. Gorlin RJ. **Birth Defects** 13(1):243-57, 1977 (94 ref.)
Some disorders exhibiting brachytelephalangy. Gorlin RJ. **Birth Defects** 13(2):243-57, 1977 (94 ref.)
Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176-96, Jan 76 (115 ref.)
Warfarin embryopathy. Warkany J. **Teratology** 14(2):205-9, Oct 76 (20 ref.)
[On certain embryopathies induced by teratogenic agents (author's transl)] Majewski F. **Monatsschr Kinderheilkd** 125(6):609-20, Jun 77 (135 ref.) (Eng. Abstr.) **(Ger)**

METABOLISM

Enantiomeric selectivity and perturbation of product ratios as methods for studying the multiplicity of microsomal enzymes. pp. 81-98. Trager WF. **In: Jerina DM, ed. Drug metabolism concepts. Washington, American Chemical Society, 1977. QV 38 D7936 1976.** (63 ref.)

PHARMACODYNAMICS

[Mechanism of action of vitamin K and how it is affected by anticoagulants] Schade R, et al. **Pharmazie** 31(9):585-9, 1976 (70 ref.) **(Ger)**

THERAPEUTIC USE

Management of the patient with a prosthetic heart valve. Robicsek F, et al. **Ann Thorac Surg** 22(4):389-99, Oct 76 (107 ref.)
Cardiac diseases. Turner RW. **Clin Haematol** 1(3):595-617, Oct 72 (18 ref.)
Guidelines for the management of anticoagulant therapy. Gurewich V. **Semin Thromb Hemostas** 2(3):176-96, Jan 76 (115 ref.)
[Use of anticoagulant therapy in cancer] Sopotsinskaia EB. **Vopr Onkol** 22(8):110-5, 1976 (43 ref.) **(Rus)**

AUTHOR SECTION

A

1. **Aaron CS:** Molecular dosimetry of chemical mutagens. Selection of appropriate target molecules for determining molecular dose to the germ line. Mutat Res 38(5):303–9, Oct 76
   ALKYLATING AGENTS, pharmacodynamics/ ANIMAL/ CHROMOSOMES, drug effects/ *DOSE-RESPONSE RELATIONSHIP, DRUG/ DNA/ GERM CELLS, drug effects/ HISTONES/ HUMAN/ MATHEMATICS/ *MODELS, BIOLOGICAL/ *MUTAGENS/ PROTAMINES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2. **Abagian IA, Kazazian AV, Mkhitarian VG:** Vliianie vitamina E na aktivnost' nekotorykh fermentov pecheni i znachenie lipidnykh perekiseĭ v patogeneze virusnogo gepatita Zh Eksp Klin Med 16(1):73–7, 1976 **(Rus)**
   *ALANINE AMINOTRANSFERASE, metabolism/ *AMMONIA-LYASES, metabolism/ *ASPARTATE AMINOTRANSFERASE, metabolism/ HEPATITIS, VIRAL, HUMAN, drug therapy/ HEPATITIS, VIRAL, HUMAN, enzymology/ *HEPATITIS, VIRAL, HUMAN, etiology/ *HISTIDASE, metabolism/ HUMAN/ LIPIDS, metabolism/ *LIVER, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEROXIDES, metabolism/ *UROKINASE, metabolism/ *VITAMIN E, therapeutic use

3. **Abb J, Netzel B, Rodt H, et al:** Hematologic and immunologic studies in dogs given nitrogen mustard (hn3). Blut 35(1):51–6, 20 Jul 77
   ANIMAL/ ANTIBODY FORMATION, drug effects/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BONE MARROW CELLS, drug effects/ DOGS/ *IMMUNITY, drug effects/ IMMUNITY, CELLULAR, drug effects/ LEUKOCYTE COUNT/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES/ *MECHLORETHAMINE, pharmacodynamics/ SHEEP/ TIME FACTORS

4. **Abbey BW, Neale RJ, Norton G:** Nutritional effects of field-bean (Vicia faba L.) protease inhibitors and field beans fed to rats [proceedings]. Proc Nutr Soc 35(2):84A–86A, Sep 76
   ANIMAL/ BODY WEIGHT/ CHYMOTRYPSIN, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ENZYME INHIBITORS, pharmacodynamics/ INTESTINES, enzymology/ PANCREAS, anatomy & histology/ PANCREAS, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ TRYPSIN, metabolism/ *VEGETABLES/ VEGETABLES, adverse effects

5. **Abbott A, Sibert JR, Weaver JB:** Chondrodysplasia punctata and maternal warfarin treatment. Br Med J 1(6077):1639–40, 25 Jun 77
   *ABNORMALITIES, DRUG-INDUCED/ ADULT/ CASE REPORT/ *DYSCHONDROPLASIA, chemically induced/ DYSCHONDROPLASIA, radiography/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES, chemically induced/ MALE/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ *WARFARIN, adverse effects

6. **Abbott WM, Warnock DF, Austen WG:** The relationship of heparin source to the incidence of delayed hemorrhage. J Surg Res 22(6):593–7, Jun 77
   ANIMAL/ BLOOD PLATELETS, drug effects/ COLLAGEN, pharmacodynamics/ DISEASE MODELS, ANIMAL/ DOGS/ *HEMORRHAGE, drug therapy/ HEMOSTASIS, SURGICAL/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use

7. **Abdelal AT, Kennedy EH, Ahearn DG:** Purification and characterization of a neutral protease from Saccharomycopsis lipolytica. J Bacteriol 130(3):1125–9, Jun 77
   *ASCOMYCETES, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ ENZYME INDUCTION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, biosynthesis/ *PEPTIDE HYDROLASES, isolation & purification/ *SACCHAROMYCOPSIS, enzymology/ SALTS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8. **Abdurashitov RF:** Nekotorye pokazateli funktsional'nykh svoĭstv trombotsitov u bol'nykh gemorragicheskoĭ likhoradkoĭ s pochechnym sindromom Sov Med (5):131–3, 1976 **(Rus)**
   *BLOOD PLATELETS/ BLOOD PLATELETS, physiology/ HUMAN/ *NEPHROTIC SYNDROME, blood/ NEPHROTIC SYNDROME, complications/ PLATELET AGGREGATION

9. **Abdurashitov RF:** Klinicheskoe znachenie urokinaznoi i antikoagulintnoĭ aktivnosti mochi u bol'nykh gemorragicheskoĭ likhoradkoĭ s pochechnym sindromom Urol Nefrol (Mosk) (3):10–2, May-Jun 77 (Eng. Abstr.) **(Rus)**
   *ANTICOAGULANTS, urine/ ENGLISH ABSTRACT/ *HEMORRHAGIC FEVER, EPIDEMIC, urine/ HUMAN/ *NEPHROTIC SYNDROME, urine/ *PEPTIDE PEPTIDOHYDROLASES, urine/ *UROKINASE, urine

10. **Abe E:** [Diagnostic criteria for von Willebrand's disease] Jpn J Clin Hematol 17(10):1128–9, Oct 76 **(Jpn)**
    HUMAN/ *VON WILLEBRAND'S DISEASE, diagnosis

11. **Abe T:** [Determination of plasmin levels] Jpn J Clin Med 34 suppl:2398–406, 1976 **(Jpn)**
    *FIBRINOLYSIN, analysis/ HUMAN/ METHODS

12. **Abel EW, Wielogorski JW:** A clinical capillary blood viscometer. J Med Eng Technol 1(1):42–4, Jan 77
    *BLOOD VISCOSITY/ HUMAN/ SYRINGES

13. **Aber CP, Bass NM, Berry CL, et al:** Streptokinase in acute myocardial infarction: a controlled multicentre study in the United Kingdom. Br Med J 2(6044):1100–4, 6 Nov 76
    AGED/ ARRHYTHMIA, complications/ ASPARTATE AMINOTRANSFERASE, blood/ CLINICAL RESEARCH/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ GREAT BRITAIN/ HEART ARREST, complications/ HEMORRHAGE, complications/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ PROGNOSIS/ STREPTOKINASE, administration & dosage/ *STREPTOKINASE, therapeutic use/ THROMBOEMBOLISM, complications

14. **Aberg B, Henze A, Björk VO:** Combined aortic and mitral valve replacement with the Björk-Shiley tilting disc valve prosthesis. Early and late results in 75 consecutive patients. Scand J Thorac Cardiovasc Surg 11(1):1–10, 1977
    ADOLESCENCE/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ *AORTIC VALVE, surgery/ BLOOD PRESSURE/ CARDIAC OUTPUT/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, mortality/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE, surgery/ OXYGEN CONSUMPTION/ POSTOPERATIVE COMPLICATIONS, mortality/ THROMBOEMBOLISM, etiology/ WORK CAPACITY EVALUATION

15. **Aberg M, Hedner U, Jacobsson S, et al:** Fibrinolytic activity in wound secretions. Scand J Plast Reconstr Surg 10(2):103–5, 1976
    *DEXTRAN, pharmacodynamics/ DEXTRAN, therapeutic use/ *EXUDATES AND TRANSUDATES, analysis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HUMAN/ POLYMERS/ SKIN ULCER, drug therapy/ SKIN ULCER, metabolism/ *WOUND HEALING/ WOUND HEALING, drug effects

16. **Aberg M, Bergentz SE, Hedner U:** Effect of dextran and

induced thrombocytopenia on the lysability of ex vivo thrombi in dogs. Acta Chir Scand 143(2):91–4, 1977
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ *DEXTRAN, pharmacodynamics/ DEXTRAN, therapeutic use/ DOGS/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *FIBRINOLYSIS, drug effects/ *THROMBOPENIA, blood/ *THROMBOSIS, drug therapy

17. **Abilov AN, Pliushch OP, Tokarev IuN:** Tsitogeneticheskoe issledovanie chastoty khromosomnykh aberratsiĭ v kul'ture limfotsitov perifericheskoĭ krovi u bol'nykh gemofiliei. Probl Gematol Pereliv Krovi 22(7):29–31, Jul 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ CELLS, CULTURED/ *CHROMOSOME ABERRATIONS/ ENGLISH ABSTRACT/ FEMALE/ *HEMOPHILIA, blood/ HUMAN/ *LYMPHOCYTES, pathology/ MALE/ MIDDLE AGE/ MITOSIS

18. **Ablin RJ:** El eosinófilo en la reacción alérgica Allergol Immunopathol (Madr) 4(4):279–84, Jul–Aug 76 **(Spa)**
*EOSINOPHILS, immunology/ FIBRINOLYSIS/ HUMAN/ *HYPERSENSITIVITY, IMMEDIATE/ IGE/ *IMMUNITY, CELLULAR/ PLASMINOGEN

19. **Abood LG, Atkinson GH, MacNeil M:** Stereospecific opiate binding in human erythrocyte membranes and changes in heroin addicts. J Neurosci Res 2(5–6):427–31, 1976
ADULT/ BRAIN/ CALCIUM CHLORIDE, pharmacodynamics/ DEXTRORPHAN, pharmacodynamics/ *DIHYDROMORPHINONE, metabolism/ ERYTHROCYTE MEMBRANE, drug effects/ *ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, metabolism/ FEMALE/ *HEROIN ADDICTION, blood/ HUMAN/ KINETICS/ LEVORPHANOL, pharmacodynamics/ MALE/ MORPHINANS, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ *RECEPTORS, NARCOTIC, metabolism/ SERINE, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ SYNAPTIC MEMBRANES, drug effects/ SYNAPTIC MEMBRANES, metabolism/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

20. **Abrahm J, Ellman L:** Platelet transfusion in immune thrombocytopenic purpura [letter]. JAMA 236(16):1847, 18 Oct 76
*BLOOD PLATELETS/ *BLOOD TRANSFUSION/ CASE REPORT/ FEMALE/ HUMAN/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, therapy

21. **Abramic P, Andoljsek D, Rakovec S:** Akutni pankreatitis in motnje v hemostazi Acta Chir Iugosl 24(1 Suppl):77–8, 1977 **(Scr)**
BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *HEMOSTASIS/ HUMAN/ *PANCREATITIS, blood/ PANCREATITIS, diagnosis

22. **Abrams A, Morris D, Jensen C:** Chymotryptic conversion of bacterial membrane ATPase to an active form with modified alpha chains and defective membrane binding properties. Biochemistry 15(25):5560–6, 14 Dec 76
*ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, metabolism/ CHYMOTRYPSIN, pharmacodynamics/ MEMBRANES, enzymology/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *STREPTOCOCCUS FAECALIS, enzymology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

23. **Abrishami MA, Thomas J:** Aspirin intolerance--a review. Ann Allergy 39(1):28–37, Jul 77 (96 ref.)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANGIONEUROTIC EDEMA, chemically induced/ *ASPIRIN, adverse effects/ ASTHMA, complications/ ASTHMA, etiology/ BLOOD COAGULATION, drug effects/ CHILD/ CHILD, PRESCHOOL/ DIABETES MELLITUS, complications/ EOSINOPHILIA, chemically induced/ FEMALE/ HAY FEVER, chemically induced/ HUMAN/ HYPOTENSION, chemically induced/ MALE/ MIDDLE AGE/ NASAL POLYPS, chemically induced/ NASAL POLYPS, complications/ PREDIABETIC STATE, complications/ REVIEW/ SEX FACTORS/ SHOCK, chemically induced/ UNCONSCIOUSNESS, chemically induced/ URTICARIA, chemically induced

24. **Abro A, Lingaas E:** Outgrowth in vitro of cervical epithelium separated from the uterovaginal anlage of newborn mice. An ultrastructural study. Cell Tissue Res 179(4):483–500, 29 Apr 77
ANIMAL/ CELLS, CULTURED/ *CERVIX UTERI/ CERVIX UTERI, ultrastructure/ COMPARATIVE STUDY/ *EPITHELIAL CELLS/ FEMALE/ MICE/ MICROSCOPY, ELECTRON/ TRYPSIN/ VAGINA

25. **Abuchowski A, McCoy JR, Palczuk NC, et al:** Effect of covalent attachment of polyethylene glycol on immunogenicity and circulating life of bovine liver catalase. J Biol Chem 252(11):3582–6, 10 Jun 77
ANIMAL/ ANTIBODY FORMATION, drug effects/ CATALASE, blood/ CATALASE, deficiency/ *CATALASE, immunology/ CATTLE/ COMPLEMENT FIXATION TESTS/ GEL DIFFUSION TESTS/ HEAT/ HYDROGEN-ION CONCENTRATION/ LIVER/ MICE/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ *POLYETHYLENE GLYCOLS, pharmacodynamics/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

26. **Abudsametova ShR:** Dinamika koaguliatsionnoĭ i fibrinoliticheskoĭ sistemy krovi pri kortikosteroidnoĭ terapii bol'nykh ekzemoĭ i psoriazom Vestn Dermatol Venerol (1):30–5, Jan 76 **(Rus)**
ADULT/ *BLOOD COAGULATION/ *ECZEMA, blood/ ECZEMA, drug therapy/ FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ *PSORIASIS, blood/ PSORIASIS, drug therapy/ *11-HYDROXYCORTICOSTEROIDS, SYNTHETIC, therapeutic use

27. **Aburahma AF:** Hemorrhagic diathesis and surgery. W Va Med J 73(8):173–8, Aug 77
CASE REPORT/ CHILD/ FEMALE/ HEMORRHAGIC DIATHESIS, diagnosis/ *HEMORRHAGIC DIATHESIS, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE

28. **Aburano T, Watanabe H, Bunko H, et al:** [Hepatic hemangioma with peculiar findings in the hepatic radioisotope angiogram and blood pool scintigram] Jpn J Clin Radiol 21(6):535–8, May 76 **(Jpn)**
CASE REPORT/ FEMALE/ *HEMANGIOMA, diagnosis/ HEPATIC ARTERY/ HUMAN/ *LIVER NEOPLASMS, diagnosis/ MIDDLE AGE/ *RADIONUCLIDE IMAGING, methods

29. **Abyshev AZ, Denisenko PP, Abyshev DZ, et al:** Khimicheskoe izuchenie nekotorykh vidov semeĭstva zontichnykh flory Kavkaza Farmatsiia 26(2):42–4, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
AZERBAIJAN/ COMPARATIVE STUDY/ *COUMARINS, isolation & purification/ ENGLISH ABSTRACT/ *PLANTS, analysis/ SPECIES SPECIFICITY

30. **Acar J, Vahanian A, Puyfontaine O, et al:** Le risque hémorragique en face du risque thrombo-embolique chez les porteurs de prothèse valvulaire. Arch Mal Coeur 70(8):883–92, Aug 77 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ CORONARY VESSELS/ EMBOLISM, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ *HEART VALVE PROSTHESIS, adverse effects/ *HEMORRHAGE, etiology/ HEMORRHAGE, occurrence/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, mortality/ PROBABILITY/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, occurrence

31. **Acar J, Puyfontaine O, Auperin A:** Conséquences lointaines des embolies pulmonaires multiples. Rev Prat 27(31):2049–62, 1 Jun 77 (25 ref.) **(Fre)**
CARBON DIOXIDE, blood/ CHRONIC DISEASE/ DYSPNEA, etiology/ HEART CATHETERIZATION/ HUMAN/ HYPERTENSION, PULMONARY, etiology/ OXYGEN, blood/ PROGNOSIS/ *PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, therapy/ PULMONARY HEART DISEASE, etiology/ RADIONUCLIDE IMAGING/ RECURRENCE/ REVIEW

32. **Acharya AS, Taniuchi H:** A study of renaturation of reduced hen egg white lysozyme. Enzymically active intermediates formed during oxidation of the reduced protein. J Biol Chem 251(22):6934–46, 25 Nov 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHICKENS/ CYANOGEN BROMIDE/ EGG WHITE/ KINETICS/ *MURAMIDASE/ MURAMIDASE, metabolism/ OXIDATION-REDUCTION/ PEPTIDE FRAGMENTS, analysis/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SPECTROMETRY, FLUORESCENCE/ TRYPSIN/ VISCOSITY

33. **Acharya AS, Manjula BN, Murthy GS, et al:** The influence of esterification of carboxyl groups of ribonuclease-A on its structure and immunological activity. Int J Pept Protein Res 9(3):213–9, 1977
ANIMAL/ CATTLE/ CHROMATOGRAPHY/ ESTERIFICATION/ IMMUNE SERUMS/ METHIONINE, metabolism/ PROTEIN CONFORMATION/ QUINONES, pharmacodynamics/ *RIBONUCLEASE/ RIBONUCLEASE, immunology/ RIBONUCLEASE, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN

34. **Ackermann E:** Pharmakokinetik bei Leberzirrhose Z Gesamte Inn Med 32(1):29–33, 1 Jan 77 (Eng. Abstr.) **(Ger)**
AMINOPYRINE, metabolism/ BIOTRANSFORMATION/ CHLORAMPHENICOL, metabolism/ COUMARINS, metabolism/ *DRUGS, metabolism/ ENGLISH ABSTRACT/ HALF-LIFE/ HUMAN/ KINETICS/ *LIVER CIRRHOSIS, metabolism/ PHENYLBUTAZONE, metabolism/ SALICYLIC ACIDS, metabolism/ TOLBUTAMIDE, metabolism

35. **Ackermann K:** Zahnextraktionen bei Marcumar-Patienten ZFA (Stuttgart) 52(25):1293, 10 Sep 76 **(Ger)**
BLOOD COAGULATION/ HEMORRHAGE, ORAL, prevention & control/ HEMOSTATIC TECHNICS/ HUMAN/ *PHENPROCOUMON, administration & dosage/ *TOOTH EXTRACTION/ *4-HYDROXYCOUMARINS, administration & dosage

36. **Ackroyd CE, Dinley RJ:** The locked patella. An unusual complication of haemophilia. J Bone Joint Surg [Br] 58-B(4):511–2, Nov 76
ADULT/ CASE REPORT/ HEMARTHROSIS, complications/ HEMARTHROSIS, etiology/ *HEMOPHILIA, complications/ HUMAN/ JOINT DISEASES, etiology/ JOINT DISEASES, therapy/ KNEE INJURIES, complications/ MALE/ MANIPULATION, ORTHOPEDIC/ *PATELLA

37. **Acuña R, González Ceron M:** Hipoprotrombinemia y sindrome hemorragiparo asociado a tratamiento con colestiramina. Rev Med Chil 105(1):27–8, Jan 77 (Eng. Abstr.) **(Spa)**
ADULT/ CHOLESTASIS, drug therapy/ *CHOLESTYRAMINE, adverse effects/ CHOLESTYRAMINE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOPROTHROMBINEMIAS, chemically induced/ HYPOPROTHROMBINEMIAS, drug therapy/ PREGNANCY COMPLICATIONS, drug therapy/ PREGNANCY/ VITAMIN K, therapeutic use

38. **Adachi K, Numano F:** Phosphodiesterase inhibitors: their comparative effectiveness in vitro in various organs. Jpn J Pharmacol 27(1):97–103, Feb 77
ANIMAL/ AORTA, enzymology/ BLOOD PLATELETS, enzymology/ BRAIN, enzymology/ COMPARATIVE STUDY/ IN VITRO/ LIVER, enzymology/ MICE/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ PAPAVERINE, pharmacodynamics/ *PHOSPHODIESTERASES, antagonists & inhibitors/ PHTHALAZINES, pharmacodynamics/ RATS/ RO 20-1724, pharmacodynamics/ SKIN, enzymology/ THEOPHYLLINE, pharmacodynamics/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, antagonists & inhibitors

39. **Adadullina ZZ, Popova LG:** K izucheniiu mekhanizma adsorptsii i aktivatsii fermentov kontaktnoĭ fazy svertyvaniia krovi Vopr Med Khim 22(3):356–60, May-Jun 76 (Eng. Abstr.) **(Rus)**
ADSORPTION/ ANTICOAGULANTS, pharmacodynamics/ *BLOOD COAGULATION/ DETERGENTS, pharmacodynamics/ EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ *ESTERASES, blood/ *FACTOR XII/ GLASS/ HUMAN/ IN VITRO/ POTASSIUM CHLORIDE, pharmacodynamics/ SODIUM DODECYL SULFATE, pharmacodynamics/ SODIUM, pharmacodynamics/ *SURFACE-ACTIVE AGENTS, pharmacodynamics/ UREA, pharmacodynamics/ WATER

40. **Adamczyk A:** Niektóre aspekty zaburzeń gospodarki węglowodanowo-tłuszczowej w stanie głodu Przegl Lek 30(10):851–6, 1976 (49 ref.) **(Pol)**
ADIPOSE TISSUE, enzymology/ ADULT/ AGE FACTORS/ *CARBOHYDRATES, metabolism/ CORTICOTROPIN, secretion/ EPINEPHRINE, secretion/ GLUCAGON, metabolism/ HUMAN/ *HUNGER/ HYPOGLYCEMIA, physiopathology/ INFANT/ INFANT, NEWBORN/ INSULIN, secretion/ KETONE BODIES, biosynthesis/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, metabolism/ LIVER, metabolism/ REVIEW/ SOMATOTROPIN, secretion/ *STARVATION, metabolism

41. **Adamietz P, Hilz H:** Poly(adenosine diphosphate ribose) is covalently linked to nuclear proteins by two types of bonds. Hoppe Seylers Z Physiol Chem 357(4):527–34, Apr 76
ANIMAL/ CARCINOMA, EHRLICH TUMOR, metabolism/ *CELL NUCLEUS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY, PHYSICAL/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIVER, metabolism/ MACROMOLECULAR SYSTEMS/ *NUCLEOSIDE DIPHOSPHATE SUGARS, metabolism/ NAD, metabolism/ PEPTIDE HYDROLASES/ *POLY ADENOSINE DIPHOSPHATE RIBOSE, metabolism/ *PROTEINS, metabolism/ RATS/ SODIUM HYDROXIDE

42. **Adamkin DH:** New uses for exchange transfusion. Pediatr Clin North Am 24(3):599–604, Aug 77 (22 ref.)
*DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ *EXCHANGE TRANSFUSION/ HUMAN/ *HYALINE MEMBRANE DISEASE, therapy/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, therapy/ REVIEW

43. **Adams PA, Swart ER:** The effect of temperature on the individual stages of the hydrolysis of non-specific-p-nitrophenol esters by alpha-chymotrypsin. Biochem J 161(1):83–92, 1 Jan 77
*CHYMOTRYPSIN/ ESTERS/ HYDROLYSIS/ KINETICS/ *NITROPHENOLS/ TEMPERATURE/ THERMODYNAMICS

44. **Adams RF, Schmidt GJ, Vandemark FL:** Determination of epsilon-aminocaproic acid in serum by reversed-phase chromatography with fluorescence detection. Clin Chem 23(7):1226–9, Jul 77
AMINO ACIDS, blood/ *AMINOCAPROIC ACIDS, blood/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, LIQUID/ COMPARATIVE STUDY/ DANSYL COMPOUNDS/ EVALUATION STUDIES/ FLUORESCENCE/ HUMAN/ METHODS/ NORLEUCINE, blood/ TIME FACTORS/ *6-AMINOCAPROIC ACID, blood

45. **Adams WH, Shrestha SM, Adams DG:** Coagulation studies

of viral hepatitis occurring during pregnancy.
Am J Med Sci 272(2):139–45, Sep–Oct 76
BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ FIBRINOGEN, metabolism/ HEPATIC COMA, blood/ *HEPATITIS A, blood/ HUMAN/ MALE/ *PREGNANCY COMPLICATIONS, INFECTIOUS, blood/ PREGNANCY/ PROTHROMBIN TIME/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

46. **Adamson JW, Fialkow PJ, Murphy S, et al:** Polycythemia vera: stem-cell and probable clonal origin of the disease.
N Engl J Med 295(17):913–6, 21 Oct 76
BLOOD PLATELETS, enzymology/ *ERYTHROCYTES, enzymology/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ GRANULOCYTES, enzymology/ *HEMATOPOIETIC STEM CELLS, pathology/ HETEROZYGOTE/ HUMAN/ PHENOTYPE/ POLYCYTHEMIA VERA, enzymology/ POLYCYTHEMIA VERA, familial & genetic/ *POLYCYTHEMIA VERA, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

47. **Adamson RH, Correa P, Sieber SM, et al:** Carcinogenicity of aflatoxin B1 in rhesus monkeys: two additional cases of primary liver cancer.
J Natl Cancer Inst 57(1):67–78, Jul 76
*AFLATOXINS, toxicity/ ALPHA FETOPROTEINS, analysis/ ANIMAL/ FEMALE/ HEMANGIOENDOTHELIOMA, blood/ *HEMANGIOENDOTHELIOMA, chemically induced/ HEMANGIOENDOTHELIOMA, pathology/ HEPATOMA, blood/ *HEPATOMA, chemically induced/ HEPATOMA, pathology/ LIVER NEOPLASMS, blood/ *LIVER NEOPLASMS, chemically induced/ LIVER NEOPLASMS, pathology/ MALE/ MONKEYS/ NEOPLASMS, EXPERIMENTAL, blood/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, pathology/ PRECANCEROUS CONDITIONS, blood/ PRECANCEROUS CONDITIONS, chemically induced/ PRECANCEROUS CONDITIONS, pathology/ RHESUS MONKEYS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

48. **Adashi E, Farber M, Mitchell GW Jr:** Congenital release thrombocytopathy: pathophysiology and management.
Obstet Gynecol 48(4):403–6, Oct 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ BLOOD CELL COUNT/ *BLOOD COAGULATION TESTS/ BLOOD COAGULATION/ *BLOOD PLATELET DISORDERS, congenital/ BLOOD PLATELETS/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HUMAN/ MIDDLE AGE/ PARITY/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3/ PREGNANCY/ PROTHROMBIN TIME/ RETROSPECTIVE STUDIES/ THROMBIN, analysis/ THROMBOCYTOPATHY, blood/ *THROMBOCYTOPATHY, congenital/ THROMBOCYTOPATHY, therapy/ THROMBOPLASTIN, analysis

49. **Adelstein RS, Chacko S, Barylko B, et al:** The role of myosin phosphorylation in the regulation of platelet and smooth muscle contractile proteins. pp. 153–63.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.
ACTIN, metabolism/ ACTOMYOSIN, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ *BLOOD PLATELETS, metabolism/ CALCIUM, metabolism/ *CONTRACTILE PROTEINS, metabolism/ EGTA, pharmacodynamics/ HUMAN/ IN VITRO/ KINETICS/ MOLECULAR WEIGHT/ MONOGRAPH/ *MUSCLE, SMOOTH, metabolism/ MYOSIN, isolation & purification/ *MYOSIN, metabolism/ OXIDATIVE PHOSPHORYLATION/ PHOSPHATASES, metabolism/ PHOSPHOTRANSFERASES, ATP, metabolism

50. **Adjangba MS, Asomaning WA, Barranco A, et al:** Pharmacological activity of coumarins isolated from Afraegle paniculata; Part II.
West Afr J Pharmacol Drug Res 2(2):83–6, Dec 75
ANIMAL/ ANTI-INFLAMMATORY AGENTS, isolation & purification/ ANTI-INFLAMMATORY AGENTS, toxicity/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ COUMARINS, isolation & purification/ COUMARINS, toxicity/ *COUMARINS, therapeutic use/ MALE/ MICE/ PLANTS, MEDICINAL, analysis/ RATS

51. **Adolphs HD:** Welche Diagnose würden Sie stellen?
Med Klin 72(6):229–30, 11 Feb 77 **(Ger)**
*ABDOMINAL INJURIES, radiography/ ADOLESCENCE/ ATHLETIC INJURIES/ CASE REPORT/ COLIC, radiography/ CONTUSIONS, radiography/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *KIDNEY, injuries/ RENAL VEINS/ SPORTS/ THROMBOSIS, radiography

52. **Adrian J:** Evolution de la lysine des algues spirulines soumises a des traitements thermiques variés
Ann Nutr Aliment 29(6):603–13, 1975 (Eng. Abstr.) **(Fre)**
*ALGAE, BLUE-GREEN/ ALGAE, BLUE-GREEN, analysis/ DIGESTION/ DRUG STABILITY/ ENGLISH ABSTRACT/ FOOD PRESERVATION/ HEAT/ *LYSINE/ LYSINE, analysis/ LYSINE, metabolism/ MILK, analysis/ PEPTIDE HYDROLASES/ YEASTS, analysis

53. **Adrogue HJ, Etcheverry JC:** Tromboembolismo renal
Rev Clin Esp 142(4):343–7, 31 Aug 76 **(Spa)**
HUMAN/ *KIDNEY DISEASES, diagnosis/ RENAL ARTERY OBSTRUCTION, diagnosis/ RENAL VEINS/ *THROMBOEMBOLISM, diagnosis

54. **Adye JC, Springer GF:** Binding of endotoxin (LPS) by glycerophosphatides from human platelets and leukocytes.
Naturwissenschaften 64(3):150–1, Mar 77
BINDING SITES/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, metabolism/ *ENDOTOXINS, metabolism/ ESCHERICHIA COLI/ FATTY ACIDS, blood/ FATTY ACIDS, metabolism/ HUMAN/ LEUKOCYTES, analysis/ *LEUKOCYTES, metabolism/ LIPOPOLYSACCHARIDES, metabolism/ *PHOSPHATIDIC ACIDS, blood/ PHOSPHATIDYLCHOLINES, metabolism/ POLYSACCHARIDES, BACTERIAL, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

55. **Afting EG, Lynen A, Hinze H, et al:** Effects of yeast proteinase A, proteinase B and carboxypeptidase Y on yeast phosphofructokinase.
Hoppe Seylers Z Physiol Chem 357(12):1771–7, Dec 76
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ALLOSTERIC REGULATION, drug effects/ *CARBOXYPEPTIDASES, pharmacodynamics/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ PHOSPHOFRUCTOKINASE, antagonists & inhibitors/ *PHOSPHOFRUCTOKINASE, metabolism/ SACCHAROMYCES CEREVISIAE, drug effects/ *SACCHAROMYCES CEREVISIAE, enzymology/ TIME FACTORS

56. **Agaev BA, Guliev BG:** Serotonin v korvi u bol'nykh rakom zheludka. Vopr Onkol 23(5):50–4, 1977 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ BLOOD PLATELETS/ CELL COUNT/ COMPARATIVE STUDY/ DUODENAL ULCER, blood/ ENGLISH ABSTRACT/ FEMALE/ GASTRITIS, blood/ HUMAN/ HYDROXYINDOLEACETIC ACID, urine/ MALE/ MIDDLE AGE/ *SEROTONIN, blood/ *STOMACH NEOPLASMS, blood

57. **Agafonova AI, Bykov AP, Zhukova IuV:** Primenenie v travmatologo-ortopedicheskoĭ praktike transfuziĭ razmorozhennykh eritrotsitov, khranivshikhsia posle ottaivaniia pri 4 degrees do 7 dneĭ
Probl Gematol Pereliv Krovi 21(9):19–21, 1976 **(Rus)**

*BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BONE DISEASES, surgery/ *ERYTHROCYTES/ HUMAN/ JOINT DISEASES, surgery/ TIME FACTORS/ WOUNDS AND INJURIES, surgery

58. **Agam G, Djaldetti M:** Inhibition of human platelet mitochondrial protein synthesis by chloramphenicol. Biomedicine [Express] 27(2):66–9, Mar 77
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ *BLOOD PROTEINS, biosynthesis/ *CHLORAMPHENICOL, pharmacodynamics/ DEPRESSION, CHEMICAL/ HUMAN/ IN VITRO/ LEUCINE, metabolism/ MICROSCOPY, ELECTRON/ *MITOCHONDRIA, drug effects/ MITOCHONDRIA, metabolism

59. **Agam G, van der Lyn E, Fishman P, et al:** Effect of cyclophosphamide on metabolic parameters of human platelets and polymorphonuclear leukocytes. J Reticuloendothel Soc 21(4):237–44, Apr 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, biosynthesis/ BLOOD SUGAR, metabolism/ CELLS, CULTURED/ *CYCLOPHOSPHAMIDE, pharmacodynamics/ GLYCOGEN, blood/ HUMAN/ *NEUTROPHILS, drug effects/ NEUTROPHILS, metabolism/ NITROBLUE TETRAZOLIUM, blood/ OXIDATION-REDUCTION/ PHAGOCYTOSIS/ RNA, blood

60. **Agam G, Gutman A, Djaldetti M:** Abnormal platelet glycogen metabolism in multiple myeloma patients. Clin Chim Acta 79(2):437–45, 1 Sep 77
ADULT/ AGED/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ ENZYME ACTIVATION/ FEMALE/ GLYCOGEN PHOSPHORYLASE, blood/ GLYCOGEN SYNTHETASE, blood/ *GLYCOGEN, blood/ HUMAN/ MALE/ MIDDLE AGE/ *MULTIPLE MYELOMA, blood

61. **Agarwal GP, Gallagher JG, Aune KC, et al:** Investigation of the aggregation and activation of prothrombin using quasi-elastic light scattering. Biochemistry 16(9):1865–70, 3 May 77
CHEMISTRY, PHYSICAL/ ENZYME ACTIVATION/ HUMAN/ LIGHT/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PROTHROMBIN/ SCATTERING, RADIATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

62. **Agarwal RK, Dewar HA, Newell DJ, et al:** Controlled trial of the effect of cycloalliin on the fibrinolytic activity of venous blood. Atherosclerosis 27(3):347–51, Jul 77
ADULT/ AGED/ CLINICAL RESEARCH/ *FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HETEROCYCLIC OXIDES, pharmacodynamics/ HUMAN/ MALE/ MIDDLE AGE/ *PIPECOLIC ACIDS, pharmacodynamics/ PLATELET AGGREGATION, drug effects

63. **Ageta M, Yamasaki S, Nanbu S, et al:** Characteristics of plasma lipids and lipoprotein in patients displaying abnormal glucose tolerance tests. pp. 154–63. In: Baba S, et al., ed. Diabetes mellitus in Asia. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.390 1975.
ADULT/ AGED/ BODY WEIGHT/ CHOLESTEROL, blood/ *CORONARY DISEASE, blood/ CORONARY DISEASE, complications/ FEMALE/ *GLUCOSE TOLERANCE TEST/ HEPARIN, diagnostic use/ HUMAN/ HYPERLIPEMIA, blood/ HYPERLIPEMIA, complications/ HYPERLIPEMIA, diet therapy/ *LIPIDS, blood/ *LIPOPROTEINS, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ MIDDLE AGE/ MONOGRAPH/ TRIGLYCERIDES, blood

64. **Agger WA, Maki DG:** Septicemia from heparin-lock needles [letter]. Ann Intern Med 86(5):657, May 77
ADULT/ AGED/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, therapeutic use/ CASE REPORT/ CELLULITIS, etiology/ ESCHERICHIA COLI INFECTIONS, etiology/ HEPARIN/ HUMAN/ INFUSIONS, PARENTERAL/ KLEBSIELLA INFECTIONS, etiology/ LEUKEMIA, MYELOBLASTIC, drug therapy/ MALE/ *NEEDLES, adverse effects/ *SEPTICEMIA, etiology

65. **Aggett PJ, Harvey DR, Till K:** Intracerebral haematoma with communicating hydrocephalus in a neonate. Proc R Soc Med 69(12):877–9, Dec 76
CASE REPORT/ *CEREBRAL HEMORRHAGE, complications/ FEMALE/ *HEMATOMA, complications/ HUMAN/ *HYDROCEPHALUS, complications/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ TOMOGRAPHY, COMPUTERIZED AXIAL

66. **Agle D:** Home care--psychological benefits and hazards. Scand J Haematol (30):65–9, 1977
ADAPTATION, PSYCHOLOGICAL/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN/ PARENT-CHILD RELATIONS/ PERSONALITY DEVELOPMENT

67. **Agostini B:** Studio al microscopio elettronico dell'effetto dell'attivita' lipolitica post-eparinica sulle lipoproteine plasmatiche Riv Istochim Norm Patol 19(1–4):149, 1975 **(Ita)**
*HEPARIN, pharmacodynamics/ HUMAN/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, blood/ *LIPOPROTEINS, blood/ LIVER DISEASES, blood

68. **Agostino D:** Efecto de la heparina y el dextrano de alto peso molecular sobre las metástasis tumorales Sangre (Barc) 21(3):413–20, 1976 (Eng. Abstr.) **(Spa)**
ANIMAL/ *CARCINOMA 256, WALKER, drug therapy/ COMPARATIVE STUDY/ *DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ INJECTIONS, INTRAVENOUS/ *NEOPLASM METASTASIS, drug therapy/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, drug therapy/ RATS

69. **Agostino D:** The effect of high molecular dextran on coagulation and metastes. Tumori 62(3):245–54, May–Jun 76
ANIMAL/ BLOOD COAGULATION FACTORS/ *BLOOD COAGULATION, drug effects/ CARCINOMA 256, WALKER, blood/ *DEXTRAN, pharmacodynamics/ FEMALE/ FIBRINOGEN/ HEMATOCRIT/ LUNG NEOPLASMS, blood/ MOLECULAR WEIGHT/ NEOPLASM METASTASIS, blood/ *NEOPLASM METASTASIS, occurrence/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

70. **Agranenko VA, Vinograd-Finkel' FR, Suvorova IA, et al:** Sravnitel'naia kharakteristika éritrotsitnoĭ massy i tsel'noĭ krovi, zagotovlennykh na raznykh gemokonservantakh Probl Gematol Pereliv Krovi 21(8):37–42, Aug 76 **(Rus)**
ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION, methods/ COMPARATIVE STUDY/ DIPHOSPHOGLYCERIC ACIDS, blood/ *ERYTHROCYTES/ HEMOGLOBINS, analysis/ HUMAN/ OSMOTIC FRAGILITY/ POTASSIUM, blood

71. **Agranenko VA, Obshivalova NN:** Metod vosstanovleniia (omolozheniia) konservirovannykh eritrotsitov predel'nykh srokov khraneniia Sov Med (8):66–9, AUG 76 (Eng. Abstr.) **(Rus)**
ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION, methods/ DIPHOSPHOGLYCERIC ACIDS, blood/ ENGLISH ABSTRACT/ *ERYTHROCYTES, metabolism/ HUMAN/ OXYGEN CONSUMPTION/ TIME FACTORS

72. **Agranenko VA, Golosova TV, Poliakova LP, et al:** Vliianie kriokonservirovaniia na snizhenie riska posttransfuzionnykh oslozhneniĭ, sviazannykh s perenosom virusnogo geaptita i bakterial'nym zagriazneniem krovi. Probl Gematol Pereliv Krovi 22(7):36–9, Jul 77 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION, methods/ *BLOOD TRANSFUSION, adverse effects/ BLOOD, microbiology/ ENGLISH ABSTRACT/ ERYTHROCYTES, immunology/ FREEZING/

HEPATITIS B ANTIGENS, analysis/ *HEPATITIS, VIRAL, HUMAN, prevention & control/ HUMAN/ RISK/ *SEPTICEMIA, prevention & control

73. **Agranenko VA, Melkikian NA, Shcherbakova LN:** Kriokonservirovanie eritrotsitnoĭ massy, vosstanovlennoĭ posle dlitel'nykh srokov khraneniia. Probl Gematol Pereliv Krovi 22(5):45–50, May 77 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION, methods/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ HUMAN/ REFRIGERATION/ TIME FACTORS

74. **Agranenko VA, Grozdov DM, Azovskaia SA, et al:** Lechebnaia effektivnost' razmorozhennoĭ eritrotsitnoĭ massy v kompleksnom lechenii bol'nykh s travmaticheskim shokom i ostroĭ krovopotereĭ. Probl Gematol Pereliv Krovi 22(6):6–11, Jun 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ *HEMORRHAGE, therapy/ HUMAN/ *SHOCK, TRAUMATIC, therapy

75. **Agrawal U, Srivastava AK:** Susceptibility of volume stress in Colisa fasciatus. Folia Haematol (Leipz) 103(4):530–3, 1976
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BLOOD VOLUME/ ERYTHROCYTE COUNT/ FEMALE/ *FISHES, blood/ INJECTIONS, INTRAPERITONEAL/ LEUKOCYTE COUNT/ SODIUM CHLORIDE, administration & dosage

76. **Agrawal U, Srivastava K:** Effects of cold-shock on blood cells in a fresh water tropical teleost, Colisa fasciatus. Arch Anat Microsc Morphol Exp 65(3):165–74, 1976
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *COLD/ ERYTHROCYTE COUNT/ FEMALE/ *FISHES, blood/ LEUKOCYTE COUNT/ *STRESS, blood/ TIME FACTORS

77. **Agrawal VP, Sastry KV, Kaushab SK:** Digestive enzymes of three teleost fishes. Acta Physiol Acad Sci Hung 46(2):93–8, 1975
AMYLASE, analysis/ ANIMAL/ COMPARATIVE STUDY/ *DIGESTIVE SYSTEM, enzymology/ *FISHES, metabolism/ HYDROGEN-ION CONCENTRATION/ *HYDROLASES, analysis/ INTESTINES, enzymology/ LIPASE, analysis/ LIVER, enzymology/ PANCREAS, enzymology/ PEPTIDE HYDROLASES, analysis/ SPECIES SPECIFICITY/ STOMACH, enzymology/ SUCRASE, analysis/ TRYPSIN, analysis

78. **Aguirre Gas H, Cervantes LF, Olivares J, et al:** Valor de la hemoglobina fetal en el diagnostico de las enfermedades neoplasicas Prensa Med Mex 41(7–8):204–9, Jul–Aug 76 (Eng. Abstr.) **(Spa)**
ADENOCARCINOMA, blood/ BACTERIAL INFECTIONS, blood/ BLOOD COAGULATION DISORDERS, blood/ CARCINOMA, blood/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FETAL HEMOGLOBIN, analysis/ HUMAN/ MYELOPROLIFERATIVE DISORDERS, blood/ *NEOPLASMS, blood/ NEOPLASMS, drug therapy/ NEOPLASMS, radiotherapy

79. **Agundis C, Reyes M, Córdoba F:** Hemisphaericin-D, a dialysable and polymerizable protease found in Bromelia hemisphaerica. Experientia 33(7):867–9, 15 Jul 77
DIALYSIS/ GEL DIFFUSION TESTS/ KINETICS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ *PLANTS, enzymology

80. **Ah-See AK, Arfors KE, Bergqvist D, et al:** The haemodynamic and antithrombotic effects of intermittent pneumatic calf compression of femoral vein blood flow. A comparison between different pump types. Acta Chir Scand 142(5):381–5, 1976
ANIMAL/ BLOOD FLOW VELOCITY/ DOGS/ *FEMORAL VEIN, physiology/ HUMAN/ METHODS/ MODELS, BIOLOGICAL/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PRESSURE/ *THROMBOPHLEBITIS, prevention & control

81. **Ahlberg A:** Synoviorthèse avec l'or radioactif dans l'hémophilie Rev Rhum Mal Osteoartic 44(1):41–4, Jan 77 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ CHILD/ CHRISTMAS DISEASE, complications/ CHROMOSOMES, radiation effects/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ GOLD COLLOID, RADIOACTIVE, adverse effects/ *GOLD COLLOID, RADIOACTIVE, therapeutic use/ HEMARTHROSIS, complications/ *HEMOPHILIA, complications/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ LYMPHOCYTES, radiation effects/ MIDDLE AGE/ RECURRENCE/ SYNOVITIS, etiology/ *SYNOVITIS, radiotherapy

82. **Ahmad R, Rajah SM, Mearns AJ, et al:** Dipyridamole in successful management of pregnant woman with prosthetic heart valve [letter]. Lancet 2(8000):1414–5, 25 Dec 76
ADULT/ AORTIC VALVE, surgery/ CASE REPORT/ *DIPYRIDAMOLE, therapeutic use/ FEMALE/ *HEART VALVE PROSTHESIS/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY/ *THROMBOEMBOLISM, prevention & control

83. **Ahn YS, Harrington WJ:** Treatment of idiopathic thrombocytopenic purpura (ITP). Annu Rev Med 28:299–309ENG, 1977 (74 ref.)
ANDROGENS, therapeutic use/ AZATHIOPRINE, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, therapy/ PREDNISONE, therapeutic use/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ PREGNANCY/ PROGNOSIS/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, surgery/ *PURPURA, THROMBOPENIC, therapy/ REVIEW/ SPLENECTOMY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VINBLASTINE, therapeutic use/ VINCRISTINE, therapeutic use

84. **Ahnefeld FW, Burri C, Kilian J:** Schock und Schockbehandlung Chirurg 47(4):157–63, Apr 76 **(Ger)**
CENTRAL VENOUS PRESSURE/ HEPARIN, therapeutic use/ HUMAN/ INTENSIVE CARE UNITS/ MICROCIRCULATION/ PLASMA SUBSTITUTES, therapeutic use/ PULSE/ *SHOCK, diagnosis/ SHOCK, physiopathology/ SHOCK, therapy/ TIME FACTORS/ URINARY CATHETERIZATION

85. **Ahonen A:** Electrocardiographic changes in massive pulmonary embolism. I. Analysis of the changes in P wave and QRS complex. Acta Med Scand 201(6):539–42, 1977
ELECTROCARDIOGRAPHY/ FEMALE/ *HEART RATE/ *HEART, physiopathology/ HUMAN/ MALE/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, physiopathology/ RETROSPECTIVE STUDIES

86. **Ahonen A:** Electrocardiographic changes in massive pulmonary embolism. II. Analysis of the changes in ST segment and T wave. Acta Med Scand 201(6):543–5, 1977
ELECTROCARDIOGRAPHY/ FEMALE/ *HEART, physiopathology/ HUMAN/ MALE/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, physiopathology/ RETROSPECTIVE STUDIES

87. **Ahr DJ, Rickles FR, Hoyer LW, et al:** von Willebrand's disease and hemorrhagic telangiectasia: association of two complex disorders of hemostasis resulting in life-threatening hemorrhage. Am J Med 62(3):452–8, Mar 77
BLOOD COAGULATION TESTS/ CASE REPORT/ FACTOR VIII, analysis/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, blood/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MIDDLE AGE/ PEDIGREE/ RECURRENCE/ *TELANGIECTASIA,

HEREDITARY HEMORRHAGIC, complications/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, familial & genetic/ *VON WILLEBRAND'S DISEASE, complications/ VON WILLEBRAND'S DISEASE, familial & genetic

88. **Aiach M, Andreux JP, Fiessinger JN, et al:** Antithrombine III durant la coagulation in vitro Ann Pharm Fr 34(1-2):43-50, 1976 (Eng. Abstr.) **(Fre)**
*ANTITHROMBINS, analysis/ *BLOOD COAGULATION/ CHEMISTRY/ ENGLISH ABSTRACT/ HUMAN/ IN VITRO/ MOLECULAR WEIGHT

89. **Aiach M, Beuvin J, Fiessinger JN, et al:** Antithrombin activity and antithrombin III concentration: evaluation by different methods. pp. 103-8.
In: Siest G, Young DS, ed. Drug interference and drug measurement in clinical chemistry. Basel, Karger, 1976. QV 38 I602 1975d.
*ALPHA GLOBULINS, analysis/ *ANTITHROMBINS, analysis/ BLOOD DONORS/ *HEPARIN CO-FACTOR, analysis/ HEPARIN CO-FACTOR, metabolism/ HUMAN/ LIVER CIRRHOSIS, blood/ METHODS/ MONOGRAPH/ NORMAL VALUES/ REGRESSION ANALYSIS

90. **Aicardi J:** Fibrinogen in neonatal infections [letter] Arch Fr Pediatr 33(7):717-9, Aug-Sep 76 **(Fre)**
*FIBRINOGEN, metabolism/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, metabolism

91. **Ainley EJ, Mackie IG, Macarthur D:** Adverse reaction to chlorocresol-preserved heparin [letter]. Lancet 1(8013):705, 26 Mar 77
ADULT/ CASE REPORT/ *CRESOLS, adverse effects/ *DRUG HYPERSENSITIVITY, etiology/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ *PAIN, chemically induced/ *PHARMACEUTIC AIDS, adverse effects/ *PRESERVATIVES, PHARMACEUTICAL, adverse effects/ PULMONARY EMBOLISM, drug therapy

92. **Aĭsina RB, Kazanskaia NF, Lukasheva EV, et al:** Poluchenie i svoĭstva mikrokapsulirovannogo alpha-khimotripsina Biokhimiia 41(9):1656-61, Sep 76 (Eng. Abstr.) **(Rus)**
ACETYLATION/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, isolation & purification/ ENGLISH ABSTRACT/ ENZYMES, IMMOBILIZED/ POLYETHYLENEIMINE

93. **Aisner J, Schiffer CA, Wolff JH, et al:** A standardized technique for efficient platelet and leukocyte collection using the Model 30 Blood Processor. Transfusion 16(5):437-45, Sep-Oct 76
BLOOD CELL COUNT/ BLOOD DONORS/ *BLOOD PLATELETS/ *BLOOD SPECIMEN COLLECTION, instrumentation/ CITRATES, pharmacodynamics/ GLUCOSE, pharmacodynamics/ HEMATOCRIT/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROXYETHYL STARCH, pharmacodynamics/ LEUKOCYTE COUNT/ *LEUKOCYTES/ LYMPHOCYTES

94. **Aisner J:** Platelet transfusion therapy.
Med Clin North Am 61(5):1133-45, Sep 77 (91 ref.)
BLOOD CELL COUNT/ BLOOD PLATELET DISORDERS, therapy/ BLOOD PLATELETS, immunology/ *BLOOD PLATELETS, transplantation/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BONE MARROW DISEASES, complications/ CELL SEPARATION/ EXTRACORPOREAL CIRCULATION, adverse effects/ FEMALE/ HEMORRHAGE, prevention & control/ HEMORRHAGE, therapy/ HL-A/ HUMAN/ INFANT, NEWBORN/ PREGNANCY/ REVIEW/ THROMBOPENIA, etiology/ *THROMBOPENIA, therapy/ TIME FACTORS

95. **Aita JF:** Intracerebral hematoma and computerized tomography [letter] Arch Neurol 34(7):451-2, Jul 77
*CEREBRAL HEMORRHAGE, radiography/ *HEMATOMA, radiography/ HUMAN/ *TOMOGRAPHY, COMPUTERIZED AXIAL

96. **Aitio A, Vainio H:** UDP glucuronosyltransferase and mixed function oxidase activity in microsomes prepared by differential centrifugation and calcium aggregation. Acta Pharmacol Toxicol (Kbh) 39(5):555-61, 1976
ANIMAL/ BENZOPYRENE HYDROXYLASE, metabolism/ CALCIUM/ COMPARATIVE STUDY/ *CYTOCHROME P-450, metabolism/ DIGITONIN, pharmacodynamics/ KIDNEY, enzymology/ LUNG, enzymology/ MALE/ METHYLCHOLANTHRENE, pharmacodynamics/ *MICROSOMES, enzymology/ MICROSOMES, LIVER, enzymology/ NITROANISOLE O-DEMETHYLASE, metabolism/ *OXIDOREDUCTASES, metabolism/ PHENOBARBITAL, pharmacodynamics/ RATS/ TRYPSIN, pharmacodynamics/ ULTRACENTRIFUGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *UDP GLUCURONOSYLTRANSFERASE, metabolism

97. **Aiyappa PS, Harris JO:** The extracellular metalloprotease of Serratia marcescens: I. Purification and characterization. Mol Cell Biochem 13(2):95-100, 30 Nov 76
BINDING SITES/ EDTA, pharmacodynamics/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ IRON, pharmacodynamics/ KINETICS/ METALLOPROTEINS, antagonists & inhibitors/ *METALLOPROTEINS, isolation & purification/ METHODS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ *SERRATIA MARCESCENS, enzymology/ TEMPERATURE

98. **Aiyappa PS, Harris JO:** The extracellular metalloprotease of Serratia marcescens. 2. Comparison with trypsin and substrate specificity. Mol Cell Biochem 13(3):131-6, 10 Dec 76
COMPARATIVE STUDY/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEPTIDES, analysis/ PEPTIDES, metabolism/ PROLINE/ *SERRATIA MARCESCENS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN, metabolism

99. **Aiyappa PS, Traficante LJ, Lampen JO:** Penicillinase-releasing protease of Bacillus licheniformis: purification and general properties. J Bacteriol 129(1):191-7, Jan 77
*BACILLUS, enzymology/ CALCIUM, pharmacodynamics/ CHLOROMERCURIBENZOATES, pharmacodynamics/ EDTA, pharmacodynamics/ FREEZING/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ KINETICS/ MOLECULAR WEIGHT/ PENICILLINASE/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

100. **Aiyappa PS, Lampen JO:** Penicillinase-releasing protease of Bacillus licheniformis 749 Specificity for hydroxyamino acids. J Biol Chem 252(5):1745-7, 10 Mar 77
AMINO ACID SEQUENCE/ *BACILLUS, enzymology/ CELL MEMBRANE, enzymology/ *PENICILLINASE, metabolism/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDE HYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

101. **Aizawa M, Namba K, Suzuki S:** Light-induced enzyme activity changes associated with the photoisomerization of bound spiropyran. Arch Biochem Biophys 182(1):305-10, Jul 77
*AMYLASE/ AMYLASE, metabolism/ *BENZOPYRANS/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ *GLUCOSIDASES/ GLUCOSIDASES, metabolism/ NAPHTHALENESULFONATES/ PHOTOCHEMISTRY/ PROTEIN BINDING/ SPECTROMETRY, FLUORESCENCE/ *SPIRO COMPOUNDS/ *UREASE/ UREASE, metabolism

102. **Akagi K, Horibe K, Takimoto H, et al:** [Acute intracerebellar hematoma caused by arteriovenous malformation--a case report (author's transl)] Neurol Surg (Tokyo) 5(5):485-9, May 77 (Eng. Abstr.) **(Jpn)**

ADULT/ CASE REPORT/ *CEREBELLAR DISEASES, etiology/ CEREBELLAR DISEASES, radiography/ *CEREBRAL ARTERIOVENOUS MALFORMATIONS, complications/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, radiography/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, surgery/ *CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, radiography/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, etiology/ HEMATOMA, radiography/ HEMATOMA, surgery/ HUMAN

103. **Akahoshi K, Oshiumi Y, Kawanami T, et al:** [A case of renal angiomyolipoma, with special reference to angiography] Jpn J Clin Radiol 21(4):363–9, Mar 76 **(Jpn)**
ADULT/ *ANGIOGRAPHY/ CASE REPORT/ FEMALE/ *HEMANGIOMA, radiography/ HUMAN/ *KIDNEY NEOPLASMS, radiography/ KIDNEY, blood supply/ *LIPOMA, radiography

104. **Akalehiywot T, Gedamu L, Bewley JD:** The isolation of polyribosomes from plant material using magnesium precipitation in the presence of heparin.
Can J Biochem 55(8):901–4, Aug 77
CELL FRACTIONATION, methods/ CENTRIFUGATION, DENSITY GRADIENT/ HEPARIN/ MAGNESIUM/ *PLANTS, ultrastructure/ *POLYRIBOSOMES, ultrastructure/ ULTRACENTRIFUGATION

105. **Akatov AK:** O tak nazyvaemykh nepatogennykh stafilokokkakh. Zh Mikrobiol Epidemiol Immunobiol (7):3–8, Jul 77 (63 ref.) **(Rus)**
ANTIBIOTICS, pharmacodynamics/ BACTERIOPHAGE TYPING/ COAGULASE, analysis/ DRUG RESISTANCE, MICROBIAL/ ENDOCARDITIS, etiology/ HUMAN/ MALE/ REVIEW/ SEROTYPING/ SPECIES SPECIFICITY/ STAPHYLOCOCCUS AUREUS, isolation & purification/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, isolation & purification/ *STAPHYLOCOCCUS, pathogenicity

106. **Akazawa Y, Koide M, Yamadori E:** Correlation between plasma fibrinogen level and vascular complications in diabetes mellitus. pp. 189–95.
In: Baba S, et al., ed. Diabetes mellitus in Asia. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.390 1975.
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BLOOD PRESSURE/ BLOOD SUGAR, metabolism/ CHOLESTEROL, blood/ CLOT RETRACTION/ *DIABETIC ANGIOPATHIES, blood/ DIABETIC ANGIOPATHIES, familial & genetic/ DIABETIC ANGIOPATHIES, physiopathology/ *DIABETIC NEPHROPATHIES, blood/ DIABETIC RETINOPATHY, blood/ FEMALE/ *FIBRINOGEN, physiology/ HUMAN/ MALE/ MIDDLE AGE/ MONOGRAPH/ TRIGLYCERIDES, blood

107. **Akhabadze AF, Koroleva NB, Strenkovskaia AG, et al:** Nauchno obosnovannyi podkhod k primeneniiu nekotorykh biologicheski aktivnykh veshchestv v kosmetologii. Vestn Dermatol Venerol (6):8–12, Jun 77 (Eng. Abstr.) **(Rus)**
*AMINO ACIDS/ AMINO ACIDS, metabolism/ CATECHOLAMINES, metabolism/ *COSMETICS/ ENGLISH ABSTRACT/ FEMALE/ *HORMONES/ HORMONES, metabolism/ HUMAN/ LIPASE, metabolism/ MIDDLE AGE/ PEPTIDE HYDROLASES, metabolism/ SKIN, enzymology/ *SKIN, metabolism/ *VITAMINS/ VITAMINS, metabolism

108. **Akhunova AM:** Sostoianie svertyvaiushcheĭ i protivosvertyvaiushcheĭ sistemy krovi pri bronkhial'noĭ astme Sov Med (11):123–8, Nov 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *ASTHMA, blood/ *BLOOD COAGULATION/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE

109. **Akker LV:** Vliianie infekundina na gipotalamo-gipofizarno-iaichnikovuiu sistemu pri lecheniiu disfunktsional'nykh matochnykh krovotecheniĭ. Akush Ginekol (Mosk) (2):20–3, 1977 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ CHILD/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ HEMOSTASIS, drug effects/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *MESTRANOL, therapeutic use/ MIDDLE AGE/ *NORETHYNODREL, therapeutic use/ *OVARY, drug effects/ *UTERINE HEMORRHAGE, drug therapy

110. **Akoun G, Huchon G, Herson S:** La pathologie respiratoire iatrogène Ann Med Interne (Paris) 127(8–9):644–55, AUG-SEP 76 (165 ref.) **(Fre)**
ASTHMA, chemically induced/ DRUG HYPERSENSITIVITY/ *DRUG THERAPY, adverse effects/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LUNG DISEASES, chemically induced/ *LUNG DISEASES, etiology/ LUNG DISEASES, immunology/ METABOLIC DISEASES, chemically induced/ PNEUMONIA, LIPID/ PULMONARY EMBOLISM, chemically induced/ *RADIOTHERAPY, adverse effects/ RESPIRATORY HYPERSENSITIVITY/ RESPIRATORY PARALYSIS, chemically induced/ *RESPIRATORY TRACT INFECTIONS, etiology/ REVIEW/ VASCULAR DISEASES, chemically induced

111. **Akov S, Samish M, Galun R:** Protease activity in female Ornithodoros tholozani ticks. Acta Trop (Basel) 33(1):37–52, 1976
ANIMAL/ BLOOD/ FEEDING BEHAVIOR/ FEMALE/ HEMOGLOBINS/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES, metabolism/ SERUM ALBUMIN, BOVINE/ *TICKS, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

112. **Akulova RF, Plefirenko VT, Parashchuk TA, et al:** Rezul'taty izucheniia deĭstviia radonovykh vann razlichnykh kontsentratsiĭ na bol'nykh s aterosklerotícheskimi okkliuziiami periferícheskikh arteriĭ, varikoznoĭ i posttrombotícheskoĭ bolezn'iu
Vopr Kurortol Fizioter Lech Fiz Kult (4):19–24, Jul-Aug 76 **(Rus)**
ADULT/ AGED/ *ARTERIOSCLEROSIS, therapy/ *BATHS/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ *RADON/ THROMBOSIS, complications/ *VARICOSE VEINS, therapy/ VENOUS INSUFFICIENCY, etiology/ *VENOUS INSUFFICIENCY, therapy

113. **Akutsu T:** Results of 70 experiments in calves with total artificial hearts: causes of death and problems. pp. 941–56.
In: Hwang NH, Normann NA, ed. Cardiovascular flow dynamics and measurements. Baltimore, Univ Park Press, 1977. WG 106 N111c 1975.
ANIMAL/ CARDIAC OUTPUT/ CATTLE/ *HEART, ARTIFICIAL, adverse effects/ HEART, ARTIFICIAL, mortality/ INFECTION, etiology/ MONOGRAPH/ POSTOPERATIVE COMPLICATIONS, mortality/ RESPIRATORY INSUFFICIENCY, etiology/ THROMBOEMBOLISM, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

114. **Al-Mondhiry HA:** Inherited bleeding syndromes in Iraq. Thromb Haemostas 37(3):549–55, 30 Jun 77
ADOLESCENCE/ ADULT/ AFIBRINOGENEMIA, occurrence/ *BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION DISORDERS, occurrence/ BLOOD PLATELET DISORDERS, occurrence/ CHILD/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE, occurrence/ FEMALE/ HEMOPHILIA, occurrence/ HUMAN/ HYPOPROTHROMBINEMIAS, occurrence/ INFANT/ IRAQ/ MALE/ PROSPECTIVE STUDIES/ VON WILLEBRAND'S DISEASE, occurrence

115. **Albano J, Bhoola KD, Heap PF, et al:** Stimulus–secretion coupling: role of cyclic AMP, cyclic GMP and calcium in mediating enzyme (kallikrein) secretion in the submandibular gland. J Physiol (Lond) 258(3):631–58, Jul

76
ACETYLCHOLINE, pharmacodynamics/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ANIMAL/ ATROPINE, pharmacodynamics/ *CALCIUM, physiology/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ GUINEA PIGS/ IN VITRO/ ISOPROTERENOL, pharmacodynamics/ *KALLIKREIN, secretion/ MALE/ NOREPINEPHRINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ PHENYLEPHRINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ STIMULATION, CHEMICAL/ SUBMANDIBULAR GLAND, drug effects/ *SUBMANDIBULAR GLAND, secretion

116. **Albertini F:** Bourdonnements d'oreille et troubles métaboliques des lipides. . Intérêt d'un traitement normolipémiant précoce. Sem Hop Ther 53(4):261–3, Apr 77 **(Fre)**
ANTICHOLESTEREMIC AGENTS, therapeutic use/ *ANTILIPEMIC AGENTS, therapeutic use/ BLOOD PLATELET DISORDERS, complications/ CEREBRAL ARTERIOSCLEROSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ CHOLESTYRAMINE, therapeutic use/ CLOFIBRATE, therapeutic use/ HUMAN/ HYPERCHOLESTEREMIA, complications/ *HYPERLIPEMIA, complications/ NICOTINIC ACIDS, therapeutic use/ TINNITUS, drug therapy/ *TINNITUS, etiology

117. **Albrecht U:** Physiotherapie in der Chirurgie und Traumatologie. Zentralbl Chir 102(13):769–75, 1977 (Eng. Abstr.) **(Ger)**
BODY WEIGHT/ EARLY AMBULATION/ ENGLISH ABSTRACT/ EXERCISE THERAPY/ OCCUPATIONAL THERAPY/ PAIN/ *PHYSICAL THERAPY/ *POSTOPERATIVE CARE, methods/ PREOPERATIVE CARE/ PULMONARY EMBOLISM, prevention & control

118. **Albrechtsson U, Hansson GA, Olin T:** Vascular occlusion with a ferromagnetic particle suspension. An experimental investigation in rabbits. Acta Radiol [Diagn] (Stockh) 18(3):279–91, May 77
ANIMAL/ *EMBOLIZATION, THERAPEUTIC, methods/ INJECTIONS, INTRAVENOUS/ IRON, administration & dosage/ JUGULAR VEIN, physiology/ JUGULAR VEIN, radiography/ MAGNETICS/ MATHEMATICS/ RABBITS/ SUSPENSIONS/ THROMBOSIS, etiology/ THROMBOSIS, radiography/ *THROMBOSIS, therapy/ TIME FACTORS

119. **Aldegheri R, Pizzoli A, Turi G:** Complicanze intraoperatorie e post-operatorie nell'intervento di portesi totale d'anca Clin Ortop 25(3):135–43, Jul–Sep 74 (Eng. Abstr.) **(Ita)**
DISLOCATIONS, etiology/ ENGLISH ABSTRACT/ FEMALE/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS, adverse effects/ MALE/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ SUPPURATION, etiology

120. **Aledort LM:** Platelets and thromboembolism. Semin Thromb Hemostas 2(3):136–45, Jan 76 (32 ref.)
ARTERIOVENOUS SHUNT, SURGICAL/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, analysis/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, physiology/ CEREBROVASCULAR DISORDERS, drug therapy/ CLOFIBRATE, pharmacodynamics/ DEXTRAN, pharmacodynamics/ DIPYRIDAMOLE, pharmacodynamics/ GRAFT REJECTION/ HEART VALVE PROSTHESIS/ HEMOSTASIS/ HUMAN/ KIDNEY, transplantation/ MYOCARDIAL INFARCT, drug therapy/ PLATELET AGGREGATION, drug effects/ REVIEW/ SEROTONIN, antagonists & inhibitors/ *THROMBOEMBOLISM, blood/ THROMBOSIS, drug therapy/ TRANSPLANTATION, ALLOGENEIC

121. **Aledort LM:** Factor IX and thrombosis. Scand J Haematol (30):40–2, 1977
CHRISTMAS DISEASE, therapy/ *FACTOR IX, adverse effects/ FACTOR IX, therapeutic use/ HEMORRHAGE, chemically induced/ HUMAN/ *THROMBOSIS, chemically induced

122. **Aledort LM:** World use of blood products for hemophilia. Scand J Haematol (30):56–7, 1977
*BLOOD TRANSFUSION/ COSTS AND COST ANALYSIS/ FACTOR VIII, therapeutic use/ *HEMOPHILIA, therapy/ HUMAN

123. **Aledort LM:** Methods of care, products available, complications of therapy. Mt Sinai J Med NY 44(3):332–8, May–Jun 77
BLOOD TRANSFUSION, adverse effects/ CHRISTMAS DISEASE, therapy/ *HEMOPHILIA, therapy/ HOME NURSING/ HUMAN/ METHODS

124. **Aledort LM:** Hematologic management and surgery in hemophilia. Mt Sinai J Med NY 44(3):371–3, May–Jun 77
ANTIBODY FORMATION/ BLOOD TRANSFUSION, adverse effects/ HEMOLYSIS/ *HEMOPHILIA/ HEMOPHILIA, immunology/ HEMOPHILIA, therapy/ HUMAN/ PREOPERATIVE CARE/ *SURGERY, OPERATIVE, adverse effects

125. **Alekseenko LP, Zolotov NN, Orekhovich VN:** Khromatograficheskii metod opredeleniia aktivnosti kollagenazopodobnogo fermenta adenogipofiza i nekotorye dannye o spetsifichnosti ego deĭstviia. Vopr Med Khim 23(2):270–5, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ CATTLE/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, PAPER/ COLLAGEN/ ENGLISH ABSTRACT/ METHODS/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *PITUITARY GLAND, enzymology/ *PITUITARY GLAND, ANTERIOR, enzymology

126. **Alekseev PP:** Spornoe i besspornoe v khirurgicheskom lechenii posttromboflebiticheskogo sindroma Sov Med (3):46–50, Mar 76 **(Rus)**
HUMAN/ *LEG, blood supply/ SYNDROME/ *THROMBOPHLEBITIS, surgery

127. **Alexander J, Bey E, Whitcutt JM, et al:** Adaptation of cells derived from human malignant tumours to growth in vitro. S Afr J Med Sci 41(2):89–98, 1976
*ADAPTATION, PHYSIOLOGICAL/ CELL DIVISION/ *CELL LINE/ COLONIC NEOPLASMS/ ESOPHAGEAL NEOPLASMS/ FIBROBLASTS, growth & development/ HEPATOMA/ HUMAN/ LIVER NEOPLASMS/ MESOTHELIOMA/ *NEOPLASMS/ SARCOMA/ TONGUE NEOPLASMS/ TRYPSIN

128. **Alexanian R:** Blood volume in monoclonal gammopathy. Blood 49(2):301–7, Feb 77
ANEMIA, blood/ BENCE JONES PROTEIN, blood/ BLOOD VISCOSITY/ *BLOOD VOLUME/ HEMATOCRIT/ HUMAN/ *IGA/ *IGG/ *IGM/ *MACROGLOBULINEMIA, blood/ *MULTIPLE MYELOMA, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

129. **Alford WC Jr, Stoney WS, Burrus GR, et al:** Recognition and operative management of patients with arteriosclerotic coronary artery aneurysms. Ann Thorac Surg 22(4):317–21, Oct 76
ADULT/ AGED/ ANEURYSM, complications/ ANEURYSM, radiography/ *ANEURYSM, surgery/ AORTOCORONARY BYPASS/ CORONARY DISEASE, complications/ *CORONARY DISEASE, surgery/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, etiology/ RISK/ THROMBOEMBOLISM, complications

130. **Algan B, Leyder C, Marchal H, et al:** Considerations sur l'etiologie des thromboses veineuses rétiniennes Bull Soc Belge Ophtalmol 172(2):631–6, 7 Mar 76 **(Fre)**
ADULT/ ATHEROSCLEROSIS, complications/ CASE REPORT/ DIABETIC RETINOPATHY, complications/ FEMALE/ HUMAN/ HYPERTENSION, complications/ *RETINAL

VEIN/ *THROMBOSIS, etiology/ URIC ACID, blood

131. **Ali IU, Mautner V, Lanza R, et al:** Restoration of normal morphology, adhesion and cytoskeleton in transformed cells by addition of a transformation-sensitive surface protein. Cell 11(1):115–26, May 77
ACTIN, analysis/ CELL ADHESION, drug effects/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC, drug effects/ CHICK EMBRYO/ DEOXYGLUCOSE, metabolism/ FLUORESCENT ANTIBODY TECHNIC/ *GLYCOPROTEINS, pharmacodynamics/ HAMSTERS/ *MEMBRANE PROTEINS, pharmacodynamics/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

132. **Ali M, McDonald JW:** Effects of sulfinpyrazone on platelet prostaglandin synthesis and platelet release of serotonin. J Lab Clin Med 89(4):868–75, Apr 77
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ COLLAGEN/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ *PROSTAGLANDINS, biosynthesis/ *SEROTONIN, metabolism/ *SULFINPYRAZONE, pharmacodynamics

133. **Aliferova VF:** Kliniko-diagnosticheskie osobennosti gemorragicheskikh insul'tov pri pozdnikh toksikozakh beremennykh Zh Nevropatol Psikhiatr 77(4):529–33, 1977 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ BLOOD COAGULATION/ *CEREBRAL HEMORRHAGE, complications/ CEREBRAL HEMORRHAGE, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEMATURIA, complications/ HEMODYNAMICS/ HEMORRHAGE, complications/ HUMAN/ HYPERTENSION, complications/ HYPERTENSION, RENAL, complications/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, diagnosis/ PREGNANCY TOXEMIAS, blood/ *PREGNANCY TOXEMIAS, complications/ PREGNANCY/ RETINAL HEMORRHAGE, complications/ SKIN DISEASES, complications/ SYNDROME

134. **Alkjaersig NK, Fletcher AP, Lewis ML, et al:** Pathophysiological response of the blood coagulation system in acute glomerulonephritis. Kidney Int 10(4):319–28, Oct 76
ACUTE DISEASE/ ADOLESCENCE/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, GEL/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DIURESIS/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, urine/ FIBRIN, biosynthesis/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ *GLOMERULONEPHRITIS, blood/ HUMAN/ KIDNEY FUNCTION TESTS/ MOLECULAR WEIGHT/ PROGNOSIS/ STREPTOCOCCAL INFECTIONS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

135. **Allain JP:** Management of hemophilia in France. Thromb Haemostas 35(3):553–8, 30 Jun 76
AMBULATORY CARE/ FACTOR IX, therapeutic use/ FACTOR VIII, therapeutic use/ FRANCE/ HEALTH EDUCATION/ HEMOPHILIA, occurrence/ *HEMOPHILIA, therapy/ HOME CARE SERVICES/ HUMAN/ MALE/ SELF MEDICATION

136. **Allain JP, Frommel D:** Failure of immunosuppression in a severe haemophilia B patient with specific antibody. Thromb Haemostas 36(1):86–9, 31 Aug 76
ANTIBODIES/ ANTIBODY FORMATION, drug effects/ CASE REPORT/ CHILD/ CHRISTMAS DISEASE, complications/ CHRISTMAS DISEASE, drug therapy/ *CHRISTMAS DISEASE, immunology/ *CYCLOPHOSPHAMIDE, pharmacodynamics/ CYCLOPHOSPHAMIDE, therapeutic use/ *FACTOR IX, immunology/ HUMAN/ *IMMUNOSUPPRESSION/ LYMPHOPENIA, complications/ MALE

137. **Allain JP:** 1. Home treatment of hemophiliacs in France. Scand J Haematol (31):5–8, 1977
BLOOD TRANSFUSION/ FRANCE/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HOME NURSING/ HUMAN

138. **Allain JP, Blombäck M, Brackmann HH, et al:** 10. Recommendations on home treatment of hemophilias. Scand J Haematol (31):75–7, 1977
AGE FACTORS/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HOME NURSING/ HUMAN/ SELF ADMINISTRATION

139. **Allan BJ, White TT:** Bile activation of trypsinogen in carcinoma of the pancreas [letter] N Engl J Med 297(9):509–10, 1 Sep 77
*BILE, metabolism/ ENZYME ACTIVATION/ HUMAN/ IN VITRO/ *PANCREATIC NEOPLASMS, enzymology/ *TRYPSINOGEN, metabolism

140. **Allegro G, Martinelli G, Bazzocchi F, et al:** Occlusione coronarica acuta da endocardite trombotica non batterica G Ital Cardiol 7(1):85–8, 1977 (Eng. Abstr.) **(Ita)**
ACUTE DISEASE/ AGED/ AUTOPSY/ CASE REPORT/ *ENDOCARDITIS, complications/ ENDOCARDITIS, pathology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, pathology/ *THROMBOSIS, complications/ THROMBOSIS, pathology

141. **Allen ED, Weatherbee L, Spencer HH, et al:** Large unit red cell cryopreservation with hydroxyethyl starch. Cryobiology 13(5):500–6, Oct 76
*BLOOD PRESERVATION, methods/ CELL MEMBRANE, pathology/ *ERYTHROCYTES/ ERYTHROCYTES, ultrastructure/ FREEZING/ HUMAN/ *HYDROXYETHYL STARCH/ MOLECULAR WEIGHT/ *STARCH/ STARCH, analogs & derivatives/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

142. **Allen GJ:** Evidence for the dissimilarity of acrosin and pancreatic trypsin as revealed by a sensitive immunoassay. J Exp Zool 200(1):185–90, Apr 77
*ACROSIN, immunology/ ANIMAL/ ANTIGENIC DETERMINANTS/ CATTLE/ CHIMPANZEES/ DOGS/ GERBILS/ GUINEA PIGS/ HORSES/ HUMAN/ IMMUNOASSAY/ MALE/ MICE/ *PANCREAS, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, immunology/ RABBITS, immunology/ RATS/ SHEEP/ SPERMATOZOA/ SWINE/ *TRYPSIN, immunology

143. **Allen JW, Harrison EC, Camp JC, et al:** The role of serial echocardiography in the evaluation and differential diagnosis of pericardial disease. Am Heart J 93(5):560–7, May 77
ADULT/ AGED/ ANIMAL/ BLOOD COAGULATION/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ DOGS/ *ECHOCARDIOGRAPHY/ FEMALE/ HEART DISEASES, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL CONTRACTION/ PERICARDIAL EFFUSION, diagnosis/ PERICARDITIS, CONSTRICTIVE, diagnosis/ *PERICARDIUM

144. **Allison AC:** Effects of silica, asbestos and other pollutants on macrophages. pp. 114–34.
In: Aharonson EF, et al., ed. Air pollution and the lung. New York, Wiley, 1976. W3 012 1975a. (92 ref.)
*AIR POLLUTANTS, adverse effects/ ANIMAL/ *ASBESTOS, adverse effects/ ASBESTOSIS, etiology/ CARCINOGENESIS/ CELLS, CULTURED/ DRUG INTERACTIONS/ GRANULOMA, etiology/ IMMUNITY, CELLULAR/ INFLAMMATION, etiology/ INFLAMMATION, immunology/ LUNG, cytology/ *LUNG, pathology/ LYSOSOMES, enzymology/ *MACROPHAGES, drug effects/ MEMBRANES, drug effects/ MEMBRANES, ARTIFICIAL/ METALS, adverse effects/ MONOGRAPH/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES, metabolism/ PHAGOCYTES, drug effects/ PHAGOCYTOSIS/ PHOSPHOLIPIDS, metabolism/ PNEUMOCONIOSIS, etiology/ PULMONARY EMPHYSEMA, enzymology/ REVIEW/ *SILICA, adverse effects

145. **Almér LA, Pandolfi M:** Fibrinolysis and diabetic retinopathy. Diabetes 25(2 SUPPL):807–10, 1976
ALPHA MACROGLOBULINS, metabolism/ ARM/ DIABETIC ANGIOPATHIES, etiology/ *DIABETIC RETINOPATHY, physiopathology/ ENDOTHELIUM, cytology/ ENDOTHELIUM, physiopathology/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HUMAN/ PLASMINOGEN ACTIVATORS, metabolism/ *VEINS, physiopathology

146. **Almér LO, Arborelius M Jr, Lilja B:** New techniques in the diagnosis of acute pulmonary embolism. Scand J Respir Dis [Suppl] (85):176–80, 1974
ACUTE DISEASE/ AGED/ BISHYDROXYCOUMARIN, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HEMODYNAMICS, drug effects/ HEPARIN, therapeutic use/ HUMAN/ MALE/ PULMONARY CIRCULATION, drug effects/ PULMONARY EMBOLISM, blood/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ SPIROMETRY, methods/ STREPTOKINASE, therapeutic use/ VENTILATION-PERFUSION RATIO, drug effects

147. **Almerekova AA:** Vysokogornaia gipoksiia i regeneratsiia krovi u zhivotynkh pri éksperimental'noi giporegeneratornoi anemii Zdravookhr Kirg (2):23–7, Mar–Apr 77 **(Rus)**
ACCLIMATIZATION/ ADAPTATION, PHYSIOLOGICAL/ *ALTITUDE/ *ANEMIA, physiopathology/ ANIMAL/ *ANOXIA, physiopathology/ *ERYTHROPOIESIS/ LEUKOPENIA, physiopathology/ RABBITS/ THROMBOPENIA, physiopathology/ TIME FACTORS

148. **Alonso K:** Modification of functional serum antithrombin III assay for fibrometer. Results of examination of 50 patients. Ann Clin Lab Sci 7(3):277–80, May–Jun 77
*ANTITHROMBINS, blood/ BLOOD COAGULATION TESTS, instrumentation/ CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ FEMALE/ HUMAN/ IMMUNOLOGIC TECHNICS/ MALE/ NORMAL VALUES/ PREGNANCY/ THROMBOPHLEBITIS, blood/ THROMBOSIS, blood/ THROMBOSIS, chemically induced

149. **Alonso K:** Detection of prethrombotic or thrombotic states [letter] JNM 18(7):744, Jul 77
*BLOOD COAGULATION TESTS, methods/ HUMAN/ *THROMBOSIS, diagnosis

150. **Alper CA:** Inherited structural polymorphism in human C2: evidence for genetic linkage between C2 and Bf. J Exp Med 144(4):1111–5, 1 Oct 76
*COMPLEMENT 2/ *COMPLEMENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR VIII/ FEMALE/ GENES, DOMINANT/ HUMAN/ ISOELECTRIC FOCUSING/ *LINKAGE (GENETICS)/ MALE/ PEDIGREE/ *POLYMORPHISM (GENETICS)/ *PROPERDIN/ *PROTEIN PRECURSORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

151. **Alpert J, Bhaktan EK, Gielchinsky I, et al:** Vascular complications of intra-aortic balloon pumping. Arch Surg 111(11):1190–5, Nov 76
ADULT/ AGED/ *ASSISTED CIRCULATION, adverse effects/ ENDARTERECTOMY/ FEMALE/ FEMORAL ARTERY/ HUMAN/ ILIAC ARTERY/ *INTRA-AORTIC BALLOON PUMPING, adverse effects/ *ISCHEMIA, etiology/ ISCHEMIA, prevention & control/ ISCHEMIA, surgery/ *LEG, blood supply/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ POSTOPERATIVE COMPLICATIONS, surgery/ *THROMBOSIS, etiology/ THROMBOSIS, surgery

152. **Alpert JS, Francis GS, Vieweg WV, et al:** Left ventricular function in massive pulmonary embolism. Chest 71(1):108–11, Jan 77
CASE REPORT/ ECHOCARDIOGRAPHY/ HEART VENTRICLE, physiopathology/ *HEART, physiopathology/ HEMODYNAMICS/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

153. **Altekar W:** Fluorescence of proteins in aqueous neutral salt solutions. I. Influence of anions. Biopolymers 16(2):341–68, Feb 77
*ANIONS/ CHEMISTRY/ FIBRINOGEN/ MATHEMATICS/ METHODS/ MURAMIDASE/ PAPAIN/ *PROTEINS/ RIBONUCLEASE/ SERUM ALBUMIN, BOVINE/ *SPECTROMETRY, FLUORESCENCE/ TRYPSIN/ TRYPTOPHAN/ TYROSINE

154. **Altekar W:** Fluorescence of proteins in aqueous neutral salt solutions. II. Influence of monovalent cation chlorides, particularly cesium chloride. Biopolymers 16(2):369–86, Feb 77
*CATIONS, MONOVALENT/ CESIUM/ CHLORIDES/ FIBRINOGEN/ FRUCTOSEDIPHOSPHATE ALDOLASE/ HYDROGEN-ION CONCENTRATION/ MURAMIDASE/ OVALBUMIN/ *PROTEINS/ RIBONUCLEASE/ SERUM ALBUMIN, BOVINE/ *SPECTROMETRY, FLUORESCENCE/ TRYPSIN/ TRYPTOPHAN/ TYROSINE

155. **Altunian NM, Drampian SKh, Dzhamgarova MS, et al:** Nekotorye kokazateli gemokoaguliatsionnoĭ sistemy krovi v zavisimosti ot vida obezbolivaniia pri ortopedo-travmatologicheskikh operatsiiakh Zh Eksp Klin Med 16(5):85–90, 1976 **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ *ANESTHESIA, GENERAL/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ CHILD/ DIAZEPAM/ ETHER, ETHYL/ HALOTHANE/ HUMAN/ MIDDLE AGE/ NITROUS OXIDE/ ORTHOPEDICS/ TIME FACTORS/ *WOUNDS AND INJURIES, surgery

156. **Alus G, Edwards NA:** Development of the digestive tract of the rabbit from birth to weaning. Proc Nutr Soc 36(1):3A, May 77
ANIMAL/ *ANIMALS, NEWBORN, physiology/ COPROPHAGIA/ DIET/ GASTROINTESTINAL SYSTEM, growth & development/ *GASTROINTESTINAL SYSTEM, physiology/ GLYCOSIDE HYDROLASES, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ RABBITS/ WEANING

157. **Alván G, Jönsson M, Sundwall A, et al:** First pass conjugation and enterohepatic recycling of oxazepam in dogs; intravenous tolerance of oxazepam in propylene glycol. Acta Pharmacol Toxicol [Suppl] (Kbh) 40(1):16–27, Apr 77
ADMINISTRATION, ORAL/ ANIMAL/ BIOLOGIC AVAILABILITY/ DOGS/ DRUG SCREENING/ FEMALE/ HEART RATE, drug effects/ HEMOGLOBINURIA, chemically induced/ HEMOLYSIS/ INJECTIONS, INTRAVENOUS/ *OXAZEPAM, administration & dosage/ OXAZEPAM, metabolism/ OXAZEPAM, toxicity/ *PROPANEDIOLS/ PROPANEDIOLS, toxicity/ THROMBOPHLEBITIS, chemically induced/ TIME FACTORS/ *VEHICLES/ VEHICLES, toxicity

158. **Alvarez VL, Sandberg LB:** Quantitative NH2 terminal evaluation of elastin as a measure of polypeptide integrity. Adv Exp Med Biol 79:589–95, 1977
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ AORTA, THORACIC, analysis/ CLOSTRIDIOPEPTIDASE A, metabolism/ CYANOGEN BROMIDE/ *ELASTIN, analysis/ ELASTIN, isolation & purification/ FORMIC ACIDS/ PLEURA, analysis/ SODIUM HYDROXIDE/ SWINE/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

159. **Alving BM, Bell WR, Evatt BL:** Fibrinogen synthesis in rabbits: effects of altered levels of circulating fibrinogen. Am J Physiol 232(5):H478–84, May 77
ANIMAL/ BLOOD PROTEINS, biosynthesis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *FIBRINOGEN, biosynthesis/ FIBRINOGEN, metabolism/ LIVER CIRCULATION/ LIVER, metabolism/ MALE/

RABBITS/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

160. **Amano S:** Vascular changes in the brain of spontaneously hypertensive rats: hyaline and fibrinoid degeneration. J Pathol 121(2):119–28, Feb 77
ANIMAL/ CEREBRAL ARTERIES, analysis/ *CEREBRAL ARTERIES, pathology/ CEREBRAL ARTERIES, ultrastructure/ ENDOTHELIUM, pathology/ FEMALE/ FIBRIN, analysis/ HYALIN SUBSTANCE, analysis/ HYPERTENSION, metabolism/ *HYPERTENSION, pathology/ MICE, INBRED STRAINS/ MICROSCOPY, ELECTRON/ MUSCLE, SMOOTH, pathology/ RATS

161. **Amanullah A:** Neonatal jaundice. Am J Dis Child 130(11):1274–80, Nov 76 (55 ref.)
ADULT/ ANEMIA, HEMOLYTIC, ACQUIRED, metabolism/ ANEMIA, HEMOLYTIC, CONGENITAL, metabolism/ *BILIRUBIN, metabolism/ FEMALE/ HEMATOMA, metabolism/ HUMAN/ INFANT, NEWBORN/ *JAUNDICE, NEONATAL, etiology/ JAUNDICE, NEONATAL, metabolism/ JAUNDICE, NEONATAL, therapy/ MALE/ METABOLIC DISEASES, metabolism/ POLYCYTHEMIA, metabolism/ REVIEW

162. **Amaral BW:** Immune thrombocytopenic purpura: an overview. Postgrad Med 61(4):197–202, Apr 77
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, complications/ ANTIBODIES/ AUTOANTIBODIES/ BLOOD PLATELETS, immunology/ CHILD/ CHRONIC DISEASE/ HUMAN/ IGG/ IGM/ IMMUNOTHERAPY/ LEUKEMIA, LYMPHOCYTIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LYMPHOMA, complications/ MEGAKARYOCYTES, pathology/ PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, etiology/ *PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, pathology/ PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY/ VERTEBRATE VIRUSES

163. **Amat L, Arcas R, Morales L, et al:** Hemangiomatosis cutáneo digestiva (sindrome de blue rubber bleb nevus) An Esp Pediatr 10(1):75–80, Jan 77 (Eng. Abstr.) **(Spa)**
CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ *INTESTINAL NEOPLASMS/ INTESTINAL NEOPLASMS, pathology/ INTESTINE, SMALL, pathology/ MALE/ *SKIN NEOPLASMS/ SKIN NEOPLASMS, pathology/ SYNDROME

164. **Amato D:** Glanzmann's thrombasthenia in a Melanesian. Papua New Guinea Med J 19(3):176–80, Sep 76
*BLOOD COAGULATION DISORDERS, congenital/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CASE REPORT/ CHILD, PRESCHOOL/ EPISTAXIS, diagnosis/ FEMALE/ HUMAN/ MALE/ NEW GUINEA/ PLATELET AGGREGATION, drug effects/ RISTOCETIN, pharmacodynamics

165. **Ambanelli U, Troise W, Nervetti A:** Le antiproteasi circolanti. Correlazione e rapporti con gli indici di flogosi Reumatismo 27(1):32–6, 1975 (Eng. Abstr.) **(Ita)**
ALPHA MACROGLOBULINS, analysis/ ANTITHROMBINS, analysis/ *ARTHRITIS, RHEUMATOID, enzymology/ CHYMOTRYPSIN, antagonists & inhibitors/ ENGLISH ABSTRACT/ HUMAN/ *PEPTIDE HYDROLASES, antagonists & inhibitors

166. **Ambanelli U, Troise W, Riccardi L:** Livelli ematici e sinoviali dell'attivatore di C 3 (beta-2-glicoproteina II) nell'artrite reumatoide Reumatismo 27(1):37–44, 1975 (Eng. Abstr.) **(Ita)**
*ARTHRITIS, RHEUMATOID, immunology/ ARTHRITIS, RHEUMATOID, metabolism/ *COMPLEMENT 3/ COMPLEMENT 3, analysis/ COMPLEMENT 4, analysis/ *COMPLEMENT/ COMPLEMENT, analysis/ ENGLISH ABSTRACT/ *GLYCOPROTEINS, metabolism/ HUMAN/ IMMUNOGLOBULINS, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *SYNOVIAL FLUID/ SYNOVIAL FLUID, analysis

167. **Ambanelli U, Troise W, Ferraccioli GF, et al:** Comportamento dello zinco e del ferro nella flogosi reumatoide Reumatismo 28(1):1–5, Jan-Mar 76 (Eng. Abstr.) **(Ita)**
ACUTE DISEASE/ ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, blood/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN/ HAPTOGLOBINS, isolation & purification/ HUMAN/ *IRON, blood/ MALE/ MIDDLE AGE/ REMISSION/ *ZINC, blood

168. **Ambanelli U, Manganelli P:** Le chinine e le attività enzimatiche ad esse correlate nel processo flogistico Acta Vitaminol Enzymol (Milano) 30(3):44–57, 1976 (23 ref.) (Eng. Abstr.) **(Ita)**
ALPHA MACROGLOBULINS, metabolism/ BRADYKININ, analogs & derivatives/ BRADYKININ, physiology/ ENGLISH ABSTRACT/ GLYCOPROTEINS, metabolism/ *INFLAMMATION/ INFLAMMATION, etiology/ INFLAMMATION, metabolism/ KALLIDIN, physiology/ KALLIKREIN, antagonists & inhibitors/ KALLIKREIN, metabolism/ KININASE I, metabolism/ KININASE II, metabolism/ KININOGENS, metabolism/ KININS, antagonists & inhibitors/ *KININS, physiology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ REVIEW

169. **Amblard P, Lèques B, Seigneurin D, et al:** Manifestations cutanées des thrombocytémies Ann Dermatol Venereol 104(2):115–20, Feb 77 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ ASPIRIN, therapeutic use/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ GANGRENE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ SKIN DISEASES, drug therapy/ *SKIN DISEASES, etiology/ SKIN DISEASES, physiopathology/ SKIN ULCER, etiology/ *THROMBOCYTOSIS, complications/ THROMBOCYTOSIS, drug therapy/ THROMBOCYTOSIS, physiopathology

170. **Ambos MA, Bosniak MA, Lefleur RS, et al:** The pear-shaped bladder. Radiology 122(1):85–8, Jan 77 (14 ref.)
ADULT/ BLADDER DISEASES, etiology/ *BLADDER DISEASES, radiography/ FEMALE/ HEMATOMA, complications/ HEMATOMA, radiography/ HUMAN/ LIPOMATOSIS, complications/ LIPOMATOSIS, radiography/ LYMPHANGIOMA, complications/ LYMPHANGIOMA, radiography/ MALE/ PELVIC NEOPLASMS, radiography/ PELVIS, radiography/ REVIEW/ VASCULAR DISEASES, complications/ VASCULAR DISEASES, radiography/ VENA CAVA, INFERIOR, radiography

171. **Ambre J:** Consequences of intravenous mercury injections [letter]. N Engl J Med 296(10):575–6, 10 Mar 77
ADULT/ CASE REPORT/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ *MERCURY POISONING/ MERCURY, administration & dosage/ *PULMONARY EMBOLISM, chemically induced

172. **Ambrosch F, Benda L, Redtenbacher L:** Experimentelle Untersuchungen über den Einfluss verschiedener Dosen von Strptokinase auf die Blutviskosität Wien Klin Wochenschr 89(10):350–3, 13 May 77 (Eng. Abstr.) **(Ger)**
*BLOOD VISCOSITY, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ HUMAN/ *STREPTOKINASE, pharmacodynamics

173. **Ambrose JA, Aledort LM:** Human model for the study of abnormal platelet function in atherosclerotic heart disease [letter]. Am J Cardiol 38(5):667–8, 4 NOV 76
*BLOOD PLATELETS, physiology/ *CORONARY DISEASE, blood/ HUMAN/ VON WILLEBRAND'S DISEASE, blood

174. **Ambrosioni G, Battisti C, Cairoli G, et al:** Considerazioni su alcuni casi di emorragie digestive nel bambino Minerva Pediatr 29(9):621–6, 17 Mar 77 **(Ita)**

CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ DIAPHRAGMATIC HERNIA, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ESOPHAGEAL VARICES, complications/ FEMALE/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGIC DISEASE OF NEWBORN, complications/ HEMORRHOIDS, complications/ HUMAN/ INTESTINAL DISEASES, complications/ INTESTINAL POLYPS, complications/ MALE/ PEPTIC ULCER, complications

175. **Ambrus CM, Choi TS, Cunnanan E, et al:** Prevention of hyaline membrane disease with plasminogen. Preliminary report of a cooperative study.
Res Commun Chem Pathol Pharmacol 15(1):195–8, Sep 76
CLINICAL RESEARCH/ COMPARATIVE STUDY/ HUMAN/ *HYALINE MEMBRANE DISEASE, prevention & control/ INFANT, NEWBORN/ INFANT, PREMATURE/ PLACEBOS/ *PLASMINOGEN, therapeutic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

176. **Ambrus CM, Choi TS, Cunnanan E, et al:** Prevention of hyaline membrane disease with plasminogen. A cooperative study. JAMA 237(17):1837–41, 25 April 77
CLINICAL RESEARCH/ FEMALE/ FIBRIN, metabolism/ FIBRINOLYSIS, drug effects/ GESTATIONAL AGE/ HUMAN/ HYALINE MEMBRANE DISEASE, metabolism/ *HYALINE MEMBRANE DISEASE, prevention & control/ INFANT, NEWBORN/ INJECTIONS, INTRAVENOUS/ MALE/ PLASMINOGEN, administration & dosage/ PLASMINOGEN, pharmacodynamics/ *PLASMINOGEN, therapeutic use/ PULMONARY ALVEOLI, metabolism

177. **Ambrus CM, Choi TS, Weintraub DH, et al:** Studies on the prevention of respiratory distress syndrome of infants due to hyaline membrane disease with plasminogen.
Semin Thromb Hemostas 2(1):42–51, Jul 75
BIRTH WEIGHT/ CLINICAL RESEARCH/ FEMALE/ GESTATIONAL AGE/ HUMAN/ *HYALINE MEMBRANE DISEASE, complications/ INFANT, NEWBORN/ MALE/ *PLASMINOGEN, therapeutic use/ PREGNANCY COMPLICATIONS/ PREGNANCY/ RESPIRATORY DISTRESS SYNDROME, mortality/ *RESPIRATORY DISTRESS SYNDROME, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

178. **Ambrus JL, Courey NG, Browne BJ, et al:** Progestational agents and blood coagulation. VIII. Effect of low-dose, alternate-day, estrogen-progestin combinations on blood coagulation factors in man, with a special note on the effect of freezing of blood samples.
Am J Obstet Gynecol 128(2):161–6, 15 May 77
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION FACTORS/ *BLOOD COAGULATION, drug effects/ DRUG ADMINISTRATION SCHEDULE/ DRUG COMBINATIONS/ ESTROGENS, SYNTHETIC, administration & dosage/ *ESTROGENS, SYNTHETIC, pharmacodynamics/ FEMALE/ FREEZING/ HUMAN/ INTRAUTERINE DEVICES/ MIDDLE AGE/ NORETHINDRONE, pharmacodynamics/ PREGNANCY/ PROGESTATIONAL HORMONES, SYNTHETIC, administration & dosage/ *PROGESTATIONAL HORMONES, SYNTHETIC, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

179. **Ambrus JL:** Estrogens and clotting factors. pp. 55–8. In: van Keep PA, et al., ed. Consensus on menopause research. Lancaster, Eng., MTP, 1976. W3 IN667 1976c.
*BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION, drug effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ MENOPAUSE/ MONOGRAPH/ PREGNANCY

180. **Ameer B, Greenblatt DJ:** Acetaminophen.
Ann Intern Med 87(2):202–9, Aug 77 (93 ref.)
ACETAMINOPHEN, adverse effects/ ACETAMINOPHEN, metabolism/ *ACETAMINOPHEN, pharmacodynamics/ ACETAMINOPHEN, poisoning/ ACETAMINOPHEN, therapeutic use/ ANALGESIA/ ANIMAL/ CLINICAL RESEARCH/ CYSTEAMINE, adverse effects/ CYSTEAMINE, therapeutic use/ DOUBLE-BLIND METHOD/ FEVER, drug therapy/ HEMOSTASIS, drug effects/ HEPATITIS, TOXIC, etiology/ HUMAN/ KIDNEY DISEASES, chemically induced/ KINETICS/ LIVER, drug effects/ MALE/ METHIONINE, therapeutic use/ PAIN, drug therapy/ PLACEBOS/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

181. **Amenta JS, Baccino FM, Sargus MJ:** Cell protein degradation in cultured rat embryo fibroblasts. Suppression by vinblastine of the enhanced proteolysis by serum-deficient media. Biochim Biophys Acta 451(2):511–6, 21 Dec 76
ANIMAL/ CELLS, CULTURED/ CULTURE MEDIA/ EMBRYO/ FIBROBLASTS, drug effects/ FIBROBLASTS, metabolism/ KINETICS/ *PEPTIDE HYDROLASES, metabolism/ *PROTEINS, metabolism/ RATS/ *VINBLASTINE, pharmacodynamics

182. **Amenta JS, Sargus MJ, Baccino FM:** Control of cell protein degradation. Changes in activities of lysosomal proteases.
Biochim Biophys Acta 476(3):253–61, 3 Jun 77
ACID PHOSPHATASE, metabolism/ ANIMAL/ CATHEPSIN, metabolism/ CELLS, CULTURED/ CYCLOHEXIMIDE, pharmacodynamics/ DNA, metabolism/ EMBRYO/ FIBROBLASTS, drug effects/ FIBROBLASTS, enzymology/ GLUCURONIDASE, metabolism/ LYSOSOMES, drug effects/ *LYSOSOMES, enzymology/ *PEPTIDE HYDROLASES, metabolism/ *PROTEINS, metabolism/ RATS

183. **Amias AG:** Streptokinase, cerebral vascular disease – and triplets [letter]. Br Med J 1(6073):1414–5, 28 May 77
*CEREBRAL ARTERY DISEASES, drug therapy/ FEMALE/ HUMAN/ INFANT, NEWBORN/ LABOR, PREMATURE/ MALE/ *PREGNANCY COMPLICATIONS, drug therapy/ PREGNANCY/ *STREPTOKINASE, therapeutic use/ TRIPLETS

184. **Amiconi G, Zolla L, Vecchini P, et al:** The effect of macromolecular polyanions on the functional properties of human hemoglobin. Eur J Biochem 76(2):339–43, 15 Jun 77
*DEXTRAN, blood/ *HEMOGLOBINS/ *HEPARIN, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ OXYGEN, blood/ PROTEIN BINDING

185. **Amidi M, Handjani AM:** Primary congestive cardiomyopathy. Hemodynamic and autopsy findings.
Pahlavi Med J 8(2):220–7, Apr 77
ADULT/ BLOOD PRESSURE/ EMBOLISM, complications/ FEMALE/ HEART ENLARGEMENT, complications/ HEART FAILURE, CONGESTIVE, complications/ *HEMODYNAMICS/ HUMAN/ MALE/ *MYOCARDIAL DISEASES, PRIMARY/ MYOCARDIAL DISEASES, PRIMARY, complications/ MYOCARDIAL DISEASES, PRIMARY, physiopathology/ *MYOCARDIUM, pathology/ THROMBOSIS, complications

186. **Amirov NSh, Antonov DV, Trubitsyna IE:** Kolichestvennye izmeneniia proteaz zheludochnogo soka sobak pri iazvoobrazovanii v zheludke Biull Eksp Biol Med 83(4):408–11, Apr 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ANIMAL/ CINCHOPHEN/ DOGS/ ELECTROPHORESIS, DISC/ ENGLISH ABSTRACT/ *GASTRIC JUICE, enzymology/ *PEPTIDE HYDROLASES, analysis/ STOMACH ULCER, chemically induced/ *STOMACH ULCER, enzymology

187. **Ammann AJ:** T cell and T-B cell immunodeficiency disorders. Pediatr Clin North Am 24(2):293–311, May 77
ADOLESCENCE/ ADULT/ ALDRICH SYNDROME, immunology/ ANTIBODY FORMATION/ ATAXIA, complications/ *B-LYMPHOCYTES, immunology/ CHILD/

CHILD, PRESCHOOL/ DIGEORGE SYNDROME, immunology/ DWARFISM, complications/ HUMAN/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, immunology/ IMMUNOLOGIC DEFICIENCY SYNDROMES, therapy/ INFANT/ METABOLISM, INBORN ERRORS, complications/ MONILIASIS, immunology/ SYNDROME/ *T-LYMPHOCYTES, immunology/ THYMUS GLAND, abnormalities

188. **Ammann R:** Trasylol bei akuter Pankreatitis
Dtsch Med Wochenschr 101(47):1742, 19 Nov 76 **(Ger)**
ACUTE DISEASE/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, drug therapy

189. **Amnéus H:** On the detection of functional and structural enzyme mutants by coordinated affinity chromatography and isoelectric focusing. Biochem Genet 14(11-12):953-61, Dec 76
ALLELES/ ANIMAL/ *CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN, isolation & purification/ *CHYMOTRYPSIN, metabolism/ ENZYMES/ GENES, STRUCTURAL/ *ISOELECTRIC FOCUSING/ MICE/ MICE, INBRED STRAINS/ *MUTATION/ POLYMORPHISM (GENETICS)

190. **Amorosi EL, Karpatkin S:** Antiplatelet treatment of thrombotic thrombocytopenic purpura [editorial].
Ann Intern Med 86(1):102-6, Jan 77
ADOLESCENCE/ ADULT/ AGED/ ASPIRIN, therapeutic use/ *BLOOD PLATELETS, drug effects/ CYPROHEPTADINE, therapeutic use/ DEXTRAN, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ SPLENECTOMY/ SULFINPYRAZONE, therapeutic use

191. **Amr S, Thouvenot JP, Dousset N, et al:** Lipoproteine lipase plasmatique (PHLA) chez le lapin irradié. Action des corticoides. Int J Radiat Biol 32(2):181-3, Aug 77 **(Fre)**
ANIMAL/ *CORTICOTROPIN, analogs & derivatives/ *COSYNTROPIN, therapeutic use/ *HYDROCORTISONE, therapeutic use/ *LIPOPROTEIN LIPASE, blood/ MALE/ RABBITS/ *RADIATION INJURIES, EXPERIMENTAL, blood/ RADIATION INJURIES, EXPERIMENTAL, drug therapy/ TRIGLYCERIDES, blood

192. **Amundsen E:** Pathophysiologische Problematik der akuten Pankreatitis. Leber Magen Darm 6(4):199-205, Aug 76 **(Ger)**
ACUTE DISEASE/ CHYMOTRYPSIN, physiology/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ FAT NECROSIS, etiology/ FAT NECROSIS, physiopathology/ HISTAMINE LIBERATION/ HUMAN/ KALLIKREIN, physiology/ KININS, metabolism/ PANCREATITIS, complications/ *PANCREATITIS, physiopathology/ PANCREATOPEPTIDASE, physiology/ PEPTIDE HYDROLASES/ PHOSPHOLIPASE, physiology/ SHOCK, HEMORRHAGIC, etiology/ TRIGLYCERIDES, metabolism/ TRYPSIN, physiology/ TRYPSINOGEN, physiology

193. **Anand SR, Kaur SP, Chaudhry PS:** Distribution of beta-N-acetylglucosaminidase, hyaluronoglucosaminidase and acrosin in buffalo and goat spermatozoa.
Hoppe Seylers Z Physiol Chem 358(6):685-8, Jun 77
*ACETYLGLUCOSAMINIDASE, metabolism/ *ACROSIN, metabolism/ *ACROSOME, enzymology/ ACROSOME, ultrastructure/ ANIMAL/ *BUFFALOES, metabolism/ CELL FRACTIONATION/ COMPARATIVE STUDY/ *GLUCOSAMINIDASE, metabolism/ *GOATS, metabolism/ *HYALURONIDASE, metabolism/ HYDROGEN-ION CONCENTRATION/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ SPECIES SPECIFICITY/ *SPERMATOZOA, enzymology

194. **Anan'eva EP, Afinogenov GE, Elinov NP:** Vliianie poverkhnostno-aktivnykh veshchestv na koagulazu stafilokokka. Zh Mikrobiol Epidemiol Immunobiol (6):111-5, Jun 77 (Eng. Abstr.) **(Rus)**
*COAGULASE, antagonists & inhibitors/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *SURFACE-ACTIVE AGENTS, pharmacodynamics

195. **Ananthakrishnan R, D'Souza S, Ekert H:** Studies on the altered electrophoretic type of the factor VIII related antigen. Hum Genet 35(1): 71-7, 29 Dec 76
ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS/ *ANTIGENS/ *FACTOR VIII, immunology/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ MALE/ PROTEIN DENATURATION/ VARIATION (GENETICS)/ VON WILLEBRAND'S DISEASE, immunology

196. **Anatoliĭ SA, Kokriakov VN, Iunusova MI, et al:** Bakteritsidnoĭ deĭstvie kationnykh belkov kletochnogo proiskhozhdeniia na stafilokokki
Zh Mikrobiol Epidemiol Immunobiol (3):71-4, Mar 77 (Eng. Abstr.) **(Rus)**
*ANTI-INFECTIVE AGENTS/ *BLOOD BACTERICIDAL ACTIVITY/ COAGULASE, biosynthesis/ ENGLISH ABSTRACT/ HISTONES, pharmacodynamics/ *LEUKOCYTES, analysis/ LEUKOCYTES, ultrastructure/ LYSOSOMES, analysis/ *PROTEINS, pharmacodynamics/ STAPHYLOCOCCUS AUREUS, drug effects/ *STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology/ *THYMUS GLAND, analysis

197. **Anaya R, Flores RM, Linares G, et al:** Valores normales de agregometria plaquetaria en población Mexicana.
Rev Invest Clin 29(2):127-35, Apr-Jun 77 **(Spa)**
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ BLOOD COAGULATION FACTORS, analysis/ COLLAGEN, pharmacodynamics/ COMPARATIVE STUDY/ EPINEPHRINE, administration & dosage/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ MEXICO/ NORMAL VALUES/ *PHOTOMETRY, methods/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ RISTOCETIN, administration & dosage/ RISTOCETIN, pharmacodynamics/ TIME FACTORS/ *TURBIDIMETRY, methods

198. **Anaya-Galindo R, Shattil SJ, Shelburne JC, et al:** Soluble fibrin complexes in coronary disease. Thromb Res 9(2):153-65, Aug 76
*BLOOD COAGULATION/ CHROMATOGRAPHY, AGAROSE/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *CORONARY DISEASE, blood/ CORONARY VESSELS, radiography/ FACTOR XII, analysis/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, blood/ *FIBRIN, analysis/ HUMAN/ IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS, blood/ MALE

199. **Andersen LA, Gormsen J:** Platelet aggregation and fibrinolytic activity in transient cerebral ischemia.
Acta Neurol Scand 55(1):76-82, Jan 77
ADULT/ AGED/ ARTERIAL OCCLUSIVE DISEASES, blood/ ARTERIAL OCCLUSIVE DISEASES, complications/ ATHEROSCLEROSIS, blood/ ATHEROSCLEROSIS, complications/ CAROTID ARTERY, INTERNAL/ *CEREBRAL ISCHEMIA, TRANSIENT, blood/ CEREBRAL ISCHEMIA, TRANSIENT, complications/ CLOT RETRACTION/ DIABETES MELLITUS, blood/ DIABETES MELLITUS, complications/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ HYPERLIPEMIA, blood/ HYPERLIPEMIA, complications/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION

200. **Andersen LA, Gormsen J:** Platelet aggregation and fibrinolytic activity in transient cerebral ischemia.
Acta Neurol Scand 55(1):76-82, Jan 77
ADULT/ CEREBRAL ISCHEMIA, TRANSIENT, blood/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET

AGGREGATION

201. **Andersen LA, Gormsen J:** Trombocytaggregation og koagulationsforhold ved transitorisk cerebral iskaemi (TCI) Ugeskr Laeger 139(19):1111–4, 9 May 77 (Eng. Abstr.) **(Dan)**
ADULT/ AGED/ *BLOOD COAGULATION/ *CEREBRAL ISCHEMIA, TRANSIENT, blood/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION

202. **Andersen NH, Ramwell PW, Leovey EM, et al:** Biological consequences of prostaglandin molecular conformations. Adv Prostaglandin Thromboxane Res 1:271–89, 1976 (65 ref.)
BLOOD PLATELETS, metabolism/ CIRCULAR DICHROISM/ HYDROGEN-ION CONCENTRATION/ HYDROXY ACIDS/ KINETICS/ MOLECULAR CONFORMATION/ MOLECULAR MODELS/ MUSCLE, SMOOTH, metabolism/ PEROXIDES/ *PROSTAGLANDINS/ PROSTAGLANDINS, physiology/ PYRANS/ *RECEPTORS, HORMONE, metabolism/ *RECEPTORS, PROSTAGLANDIN, metabolism/ REVIEW/ SOLUTIONS/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ X-RAY DIFFRACTION

203. **Andersen P:** Hyperlipidaemia and reduced fibrinolytic activity associated with thromboembolic complications in a family. Acta Med Scand 200(4):289–91, 1976
ADOLESCENCE/ ADULT/ ANTITHROMBINS, blood/ BLOOD SUGAR, analysis/ CASE REPORT/ CHOLESTEROL, blood/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ HYPERLIPEMIA, blood/ HYPERLIPEMIA, complications/ *HYPERLIPEMIA, familial & genetic/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS/ THROMBOEMBOLISM, blood/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, familial & genetic/ TRIGLYCERIDES, blood

204. **Anderson CB, Haid SD, Hruska KA, et al:** Adverse effect of ischemic companion kidney during ex vivo renal perfusion. Transplant Proc 9(3):1625–7, Sep 77
ANIMAL/ DOGS/ HEPARIN, therapeutic use/ *ISCHEMIA/ *KIDNEY, blood supply/ KIDNEY, transplantation/ *ORGAN PRESERVATION/ PERFUSION/ SPECIMEN HANDLING/ *TISSUE PRESERVATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR RESISTANCE

205. **Anderson DR, Davis JL, Carraway KL:** Calcium-promoted changes of the human erythrocyte membrane. Involvement of spectrin, transglutaminase, and a membrane-bound protease. J Biol Chem 252(19):6617–23, 10 Oct 77
*BLOOD PROTEINS, metabolism/ *CALCIUM, pharmacodynamics/ ERYTHROCYTE MEMBRANE, drug effects/ *ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, metabolism/ *FACTOR XIII, metabolism/ HEMOLYSIS/ HUMAN/ *PEPTIDE HYDROLASES, blood/ *SPECTRIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

206. **Anderson ER, Foulks JG:** Competitive inhibition by lithium and hydrogen ions of the effect of calcium on the aggregation of rabbit platelets. Thromb Haemostas 36(2):343–59, 30 Nov 76
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ BLOOD PLATELETS, metabolism/ *CALCIUM, antagonists & inhibitors/ CALCIUM, pharmacodynamics/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ *LITHIUM, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ RABBITS/ SEROTONIN, pharmacodynamics

207. **Anderson J, Davey MG:** Long distance transport of frozen red blood cells for transfusion [letter]. Transfusion 17(3):290, May-Jun 77
AUSTRALIA/ *BLOOD PRESERVATION, standards/ GERMANY, WEST/ HUMAN/ TRANSPORTATION

208. **Anderson JH, VuBan A, Wallace S, et al:** Transcatheter splenic arterial occlusion: an experimental study in dogs. Radiology 125(1):95–102, Oct 77
ANGIOGRAPHY/ ANIMAL/ BLOOD PLATELETS/ COLLATERAL CIRCULATION/ DOGS/ *EMBOLIZATION, THERAPEUTIC/ EMBOLIZATION, THERAPEUTIC, methods/ ERYTHROCYTE COUNT/ GELFOAM/ HEMATOCRIT/ HEMOGLOBINS/ LEUKOCYTE COUNT/ SPLEEN, blood supply/ SPLEEN, pathology/ *SPLENIC ARTERY/ SPLENIC ARTERY, radiography/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

209. **Anderson JR, Griffiths JM:** Dextran 70 in the prevention of death from postoperative pulmonary embolism. J R Coll Surg Edinb 21(4):211–7, Jul 76
ADULT/ AGED/ *DEXTRAN, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, mortality/ *PULMONARY EMBOLISM, prevention & control/ SCOTLAND

210. **Anderson LE, Walsh KA, Neurath H:** Bovine enterokinase. Purification, specificity, and some molecular properties. Biochemistry 16(15):3354–60, 26 Jul 77
AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ CATTLE/ DRUG STABILITY/ DUODENUM, enzymology/ *ENTEROPEPTIDASE/ ENTEROPEPTIDASE, isolation & purification/ ENTEROPEPTIDASE, metabolism/ ENZYME ACTIVATION, drug effects/ GUANIDINES, pharmacodynamics/ HEAT/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ TRYPSINOGEN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

211. **Anderson RG, Hein CE:** Distribution of anionic sites on the oviduct ciliary membrane. J Cell Biol 72(2):482–92, Feb 77
ANIMAL/ ANIONS/ BINDING SITES/ *CILIA, metabolism/ CILIA, ultrastructure/ EPITHELIAL CELLS, ultrastructure/ *FALLOPIAN TUBES, ultrastructure/ FEMALE/ FERRITIN, metabolism/ NEURAMINIDASE, pharmacodynamics/ POLYLYSINE, pharmacodynamics/ PRONASE, pharmacodynamics/ RABBITS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

212. **Andersson L, Edsmyr F, Jönsson G, et al:** Estramustine phosphate therapy in carcinoma of the prostate. Recent Results Cancer Res (60):73–7, 1977
ADMINISTRATION, ORAL/ BONE MARROW, drug effects/ ESTRAMUSTINPHOSPHATE, administration & dosage/ ESTRAMUSTINPHOSPHATE, adverse effects/ *ESTRAMUSTINPHOSPHATE, therapeutic use/ GASTROINTESTINAL DISEASES, chemically induced/ HUMAN/ INJECTIONS, INTRAVENOUS/ LIVER, drug effects/ MALE/ *NITROGEN MUSTARD COMPOUNDS, therapeutic use/ *PROSTATIC NEOPLASMS, drug therapy/ THROMBOPHLEBITIS, chemically induced

213. **Andersson LO, Barrowcliffe TW, Holmer E, et al:** Anticoagulant properties of heparin fractionated by affinity chromatography on matrix-bound antithrombin iii and by gel filtration. Thromb Res 9(6):575–83, Dec 76
ANIMAL/ ANTITHROMBINS/ *BLOOD COAGULATION, drug effects/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ HEPARIN, isolation & purification/ *HEPARIN, pharmacodynamics/ SWINE

214. **Andersson LO, Engman L, Henningsson E:** Crossed immunoelectrophoresis as applied to studies on complex formation. The binding of heparin to antithrombin III and the antithrombin III--thrombin complex. J Immunol Methods 14(3-4):271–81, 1977
ANTITHROMBINS, analysis/ *ANTITHROMBINS, metabolism/ BINDING SITES/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *HEPARIN, metabolism/ HUMAN/

*IMMUNOELECTROPHORESIS/ *IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ RABBITS/ *THROMBIN, metabolism

215. **Andes WA, Lindberg RB, McEuen DD, et al:** Inhibition of fibrinolysis in the burned-infected rat: antiplasmin induced by burn wound infection. Thromb Haemostas 36(1):173–81, 31 Aug 76
ANIMAL/ *BURNS, complications/ FIBRINOGEN, analysis/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ MALE/ PLASMINOGEN, analysis/ PSEUDOMONAS AERUGINOSA/ PSEUDOMONAS INFECTIONS, blood/ RATS/ *WOUND INFECTION, blood

216. **Ando Y:** [Membrane structure and functions of human platelets (author's transl)] Acta Haematol Jpn 39(5):653–63, Oct 76 (Eng. Abstr.) **(Jpn)**
BLOOD PLATELET DISORDERS, metabolism/ *BLOOD PLATELETS, analysis/ ENGLISH ABSTRACT/ HUMAN/ *MEMBRANE PROTEINS, analysis

217. **Andolsek L, Hren M:** Utjecaj vrste anestezije i trajanja hospitalizacije na učestalost ranih komplikacija pobačaja Jugosl Ginekol Opstet 16(3):175–83, May–Jun 76 (Eng. Abstr.) **(Scr)**
*ABORTION, INDUCED, adverse effects/ *ANESTHESIA, GENERAL/ *ANESTHESIA, LOCAL/ ENGLISH ABSTRACT/ FEMALE/ HOSPITALIZATION/ HUMAN/ *LENGTH OF STAY/ PNEUMONIA, etiology/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ THROMBOEMBOLISM, etiology/ TIME FACTORS/ URINARY TRACT INFECTIONS, etiology

218. **Andrassy K, Ritz E, Hasper B, et al:** Penicillin-induced coagulation disorder. Lancet 2(7994):1039–41, 13 Nov 76
ABSCESS, blood/ ABSCESS, complications/ ABSCESS, drug therapy/ ADULT/ BLOOD COAGULATION TESTS/ CASE REPORT/ FEMALE/ HEMORRHAGIC DIATHESIS, blood/ *HEMORRHAGIC DIATHESIS, chemically induced/ HUMAN/ KIDNEY FAILURE, ACUTE, blood/ KIDNEY FAILURE, ACUTE, complications/ MALE/ MIDDLE AGE/ MITRAL VALVE, surgery/ *PENICILLIN G, adverse effects/ PENICILLINS, therapeutic use/ POSTOPERATIVE COMPLICATIONS, blood/ POSTOPERATIVE COMPLICATIONS, chemically induced/ SURGICAL WOUND INFECTION, prevention & control

219. **Andrassy K, Weischedel E, Ritz E, et al:** Bleeding in uremic patients after carbenicillin. Thromb Haemostas 36(1):115–26, 31 Aug 76
ADULT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *CARBENICILLIN, adverse effects/ FACTOR V, analysis/ FACTOR VIII, analysis/ FACTOR VII, analysis/ FACTOR X, analysis/ FEMALE/ FIBRINOGEN, analysis/ *HEMORRHAGIC DIATHESIS, chemically induced/ HUMAN/ PROTHROMBIN, analysis/ UREMIA, blood/ *UREMIA, complications

220. **André H:** Critique of the application of the treatments of hemophilia. Scand J Haematol (30):77–8, 1977
*HEMOPHILIA, therapy/ HOME CARE SERVICES/ HOSPITALIZATION/ HUMAN/ SELF ADMINISTRATION

221. **Andreenko GV, Poliantseva LR, Smirnova TA, et al:** Sostoianie fibrinoliticheskoĭ sistemy u bol'nykh s nefroticheskim sindromom Ter Arkh 40(2):89–99, 1976 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FACTOR XIII, analysis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, blood/ FIBRINOGEN, analysis/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ *NEPHROTIC SYNDROME, blood/ PLASMINOGEN ACTIVATORS, antagonists & inhibitors/ PLASMINOGEN ACTIVATORS, blood/ PLASMINOGEN, analysis/ UROKINASE, antagonists & inhibitors/ UROKINASE, blood

222. **Andreenko GV, Suvorov AV:** Vliianie vnutrivennogo vvedeniia plazmina na sostoianie fibrinoliticheskoĭ i kininovoĭ sistem krovi krys
Probl Gematol Pereliv Krovi 21(10):46–8, OCT 76 **(Rus)**
ANIMAL/ *FIBRINOLYSIN, pharmacodynamics/ *FIBRINOLYSIS, drug effects/ *KININS, blood/ RATS

223. **Andreenko GV, Liutova LB:** Opredelenie produktov degradatsii fibrinogena i fibrina v syvorotke krovi immunologicheskim metodom Lab Delo (4):206–8, 1976 **(Rus)**
ANIMAL/ ANTIGEN-ANTIBODY REACTIONS/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRIN, immunology/ FIBRINOGEN, immunology/ HUMAN/ IMMUNE SERUMS/ *IMMUNOLOGIC TECHNICS/ RABBITS

224. **Andreenko GV, Samsonov MA, Paramonova EG, et al:** Izmenenie fibrinogena, fermentativnoĭ i nefermentativnoĭ fibrinoliticheskoĭ aktivnosti krovi u bol'nykh revmatizmom s maloĭ stepen'iu aktivnosti protsessa pod vliianiem lecheniia atsetilsalitsilovoĭ kislotoi Ter Arkh 48(11):64–70, 1976 (Eng. Abstr.) **(Rus)**
ADULT/ *ASPIRIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, analysis/ FIBRINOLYSIN, analysis/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *RHEUMATIC HEART DISEASE, blood/ RHEUMATIC HEART DISEASE, drug therapy/ THROMBIN, analysis

225. **Andreenko GV, Panchenko VM, Podorol'skaia LV:** Pokazateli fibrinoliza i gemostaza pri khronicheskom pielonefrite Lab Delo (3):139–43, 1977 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PYELONEPHRITIS, blood/ PYELONEPHRITIS, urine

226. **Andreenko GV, Bessolitsyna LA, Sargin KE:** Vozmozhnosti ranneĭ diagnostiki tromboembolicheskikh oslozhneniĭ u bol'nykh infarktom miokarda s pomoshch'iu biokhimicheskikh metodov Kardiologiia 17(1):98–103, Jan 77 (Eng. Abstr.) **(Rus)**
ADULT/ BLOOD COAGULATION TESTS/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ FACTOR XIII, analysis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRINOGEN, analysis/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, metabolism/ PLASMINOGEN ACTIVATORS, antagonists & inhibitors/ SERUM GLOBULINS, analysis/ *THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, etiology/ THROMBOPLASTIN, analysis/ TIME FACTORS/ UROKINASE, urine

227. **Andreenko GV, Suvorov AV, Bessolitsyna LA, et al:** Kininovaia sistema krovi u bol'nykh ostrym infartom miokarda pri lechenii trombolitsheskimi preparatami Kardiologiia 17(2):70–5, 1977 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ KALLIKREIN, blood/ KININOGENS, blood/ *KININS, blood/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, drug therapy/ PREKALLIKREIN, blood/ TIME FACTORS

228. **Andreenko GV, Liutova LV:** Vliianie aktomiozina na svertyvanie krovi i fibrinoliz Vopr Med Khim 22(2):166–71, Mar–Apr 76 (Eng. Abstr.) **(Rus)**
ACTOMYOSIN, isolation & purification/ *ACTOMYOSIN, pharmacodynamics/ ANIMAL/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ *FIBRINOLYSIS, drug effects/ HUMAN/ IN VITRO/ RABBITS/ RATS/ SERUM GLOBULINS, metabolism/ THROMBELASTOGRAPHY/ TIME FACTORS

229. **Andreenko GV, Bessolitsina LA:** Izmeneniia sistemy fibrinoliza u bol'nykh ostrym infarktom miokarda pri vnutrikoronarnom vvedenii fibrinolizina s geparinom

Ter Arkh 49(4):8–13, 1977 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, administration & dosage/ FIBRINOLYSIN, therapeutic use/ *FIBRINOLYSIS/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, drug therapy

230. **Andreenko GV, Liutova LV:** Fibrinoliticheskaia aktivnost' krovi krys pri vozdeĭstvii nekotorykh aterogennykh faktorov. Biol Nauki (3):74–8, 1977 **(Rus)**
ANIMAL/ BLOOD COAGULATION/ CHOLESTEROL, DIETARY/ *DIET, ATHEROGENIC/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ MALE/ RATS/ *STRESS, blood/ THROMBOPLASTIN, metabolism

231. **Andreenko GV, Liutova LV:** Fibrinoliticheskaia aktivnost' krovi, protekaiushcheĭ v zheludochkakh serdtsa i krupnykh sosudakh krys v norme i pri eksperimental'noĭ ishemii miokarda. Kardiologiia 17(3):114–8, Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/ HEART VENTRICLE/ JUGULAR VEIN/ MALE/ PLASMINOGEN ACTIVATORS, blood/ PULMONARY ARTERY/ RATS/ VENAE CAVAE

232. **Andreev SV, Kubatiev AA, Iurkov VA, et al:** O trombolitícheskoi aktivnosti terrilitina i ego vliianii na svertyvaiushchuiu sistemu krovi Biull Eksp Biol Med 82(8):936–7, Aug 76 (Eng. Abstr.) **(Rus)**
AMYLASE, administration & dosage/ *AMYLASE, pharmacodynamics/ ANIMAL/ *BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/ DOGS/ DRUG COMBINATIONS/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FEMORAL VEIN/ FIBRIN, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ *FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, administration & dosage/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ IN VITRO/ PEPTIDE HYDROLASES, administration & dosage/ *PEPTIDE HYDROLASES, pharmacodynamics/ PHOSPHATES, administration & dosage/ PHOSPHATES, pharmacodynamics/ THROMBOSIS, drug therapy

233. **Andreev VC, Kapnilov S, Berova N:** Lemuval in der Behandlung des perianalen Ekzems Z Hautkr 51(10):383–6, 15 May 76 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ *ANUS/ CLINICAL RESEARCH/ DRUG COMBINATIONS/ DRUG EVALUATION/ *ECZEMA, drug therapy/ FEMALE/ *HEPARINOID, therapeutic use/ HUMAN/ *HYALURONIDASE, therapeutic use/ MALE/ *MENTHOL, therapeutic use/ MIDDLE AGE/ OINTMENTS/ *PANTOTHENIC ACID, therapeutic use/ *VITAMIN A, therapeutic use

234. **Andreicut S, Kerekes M:** L'effet hépatotoxique spécifique de la D-galactosamine. Morphol Embryol (Bucur) 23(3):221–5, Jul–Sep 77 **(Fre)**
ANIMAL/ CHOLESTEROL, metabolism/ FEMALE/ *GALACTOSAMINE, adverse effects/ *HEPATITIS, TOXIC, etiology/ LIPIDS, metabolism/ *LIVER, drug effects/ LIVER, metabolism/ MALE/ MICE/ PEPTIDE HYDROLASES, metabolism/ PROTEINS, metabolism/ RATS

235. **Andréka B, Sipos E, Alexy M:** Supplementary treatment with kallikrein–trypsin inhibitor in acute myocardial infarction. Ther Hung 24(3):98–103, 1976
ACUTE DISEASE/ ASPARTATE AMINOTRANSFERASE, metabolism/ ELECTROCARDIOGRAPHY/ HUMAN/ *KALLIKREIN–TRYPSIN INACTIVATOR, therapeutic use/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, enzymology

236. **Andreoiu C, Dumbrăvescu M, Andreoiu CC:** Un caz particular de infarct de intestin subțire de origine venoasă Rev Chir [Chir] 26(1):59–61, Jan–Feb 77 (Eng. Abstr.) **(Rum)**
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ *INFARCTION, etiology/ INFARCTION, surgery/ *INTESTINAL DISEASES, etiology/ INTESTINAL DISEASES, surgery/ INTESTINE, SMALL/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *THROMBOPHLEBITIS, complications

237. **Andrew JH:** Pulmonary skin embolism: a case report. Pathology 8(3):185–7, Jul 76
ADULT/ ARTERIES, pathology/ CASE REPORT/ HUMAN/ INJECTIONS, adverse effects/ LUNG, blood supply/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, pathology/ *SKIN

238. **Andrews WC:** Oral contraceptives and vascular thrombosis [editorial]. South Med J 70(5):519–20, May 77 (19 ref.)
ADULT/ CEREBROVASCULAR DISORDERS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ CORONARY DISEASE, chemically induced/ ESTROGENS, SYNTHETIC, administration & dosage/ ESTROGENS, SYNTHETIC, adverse effects/ FEMALE/ HUMAN/ INTRAUTERINE DEVICES, adverse effects/ PREGNANCY/ REVIEW/ RISK/ THROMBOEMBOLISM, chemically induced/ THROMBOPHLEBITIS, chemically induced/ *THROMBOSIS, chemically induced/ THROMBOSIS, occurrence

239. **Andriukin AA:** Emboliia i tromboz legochnoĭ arterii. Med Sestra 36(4):15–20, Apr 77 **(Rus)**
HUMAN/ PULMONARY ARTERY/ *PULMONARY EMBOLISM

240. **Andriutsa VI, Ketrar' GI, Kuria VI:** Odontogennyĭ paratonzilliarnyĭ abstsess, oslozhnivshiĭsia okologlotochnym abstsessom, trombozom vnutrenneĭ iaremnoĭ veny, kavernoznogo sinusa i sepsisom. Vestn Otorinolaringol (3):101–2, May–Jun 77 **(Rus)**
*ABSCESS, complications/ ABSCESS, PERITONSILLAR, complications/ *ABSCESS, PERITONSILLAR, etiology/ CASE REPORT/ CAVERNOUS SINUS/ FEMALE/ *FOCAL INFECTION, DENTAL/ HUMAN/ JUGULAR VEIN/ MIDDLE AGE/ *PHARYNGEAL DISEASES, complications/ *SEPTICEMIA, etiology/ *SINUS THROMBOSIS, etiology/ *STAPHYLOCOCCAL INFECTIONS, complications/ *THROMBOPHLEBITIS, etiology

241. **Androsova SO, Nevraeva OG:** Etapnoe lechenie bol'nykh khronicheskim glomerulonefritom Urol Nefrol (Mosk) (2):18–23, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ CHOLINE, analogs & derivatives/ CHOLINE, therapeutic use/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ INDOMETHACIN, therapeutic use/ MALE/ MIDDLE AGE/ STEROIDS, therapeutic use

242. **Angéla K, Judit B:** A thiamphenicol haematológiai mellékhatásának vizsgálata Orv Hetil 117(51):3105–7, 19 DEC 76 **(Hun)**
*ANTIBIOTICS, adverse effects/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ *ERYTHROPOIESIS, drug effects/ HUMAN/ *THIAMPHENICOL, adverse effects

243. **Angelkort B, Zilkens KW, Wenzel E:** Blutungszeit nach Duke als klinischer Funktionstest der primären Blutstillungsphase Med Welt 27(47):2302–4, 19 Nov 76 **(Ger)**
*BLOOD COAGULATION TESTS/ *HEMOSTASIS/ HUMAN/ MASS SCREENING

244. **Angeloni P, Del Vecchio E, Guaitolini R, et al:** Metodo per evidenziare la cessione di plastificanti nei contenitori di PVC per sangue ed emoderivati. Boll Chim Farm 116(4):239–44, Apr 77 (Eng. Abstr.) **(Ita)**

*BLOOD PRESERVATION, instrumentation/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ HUMAN/ POLYSORBATES, analysis/ *POLYVINYL CHLORIDE, analysis/ *POLYVINYLS, analysis

245. **Anghileri LJ, Dermietzel R, Heidbreder M:** On the role of tumor cell surface in the accumulation of radioisotopes. Nuklearmedizin 15(5):242–5, Oct 76
ANIMAL/ *CARCINOMA, EHRLICH TUMOR, metabolism/ *CELL MEMBRANE PERMEABILITY/ CELL MEMBRANE PERMEABILITY, drug effects/ EDTA, pharmacodynamics/ GLYCOPROTEINS, metabolism/ MEMBRANE POTENTIALS/ MEMBRANE PROTEINS, metabolism/ POLY I–C, pharmacodynamics/ POLYLYSINE, pharmacodynamics/ *RADIOISOTOPES/ RATS/ TRYPSIN, pharmacodynamics

246. **Anghileri LJ, Heidbreder M, Dermietzel R:** On the role of the cell coat glycoproteins in the permeability of the cell. Z Naturforsch [C] 31(11–12):700–2, Nov–Dec 76
ANIMAL/ BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ CARCINOMA, EHRLICH TUMOR, metabolism/ *CELL MEMBRANE PERMEABILITY/ *CELL MEMBRANE, metabolism/ CELL MEMBRANE, ultrastructure/ EDTA/ *GLYCOPROTEINS, metabolism/ MAGNESIUM, metabolism/ *MEMBRANE PROTEINS, metabolism/ MICE/ PHOSPHATES, metabolism/ SULFATES, metabolism/ TRYPSIN

247. **Angiulo JP, Temple JT, Corrigan JJ Jr, et al:** Management of cesarean section in a patient with idiopathic thrombocytopenic purpura. Anesthesiology 46(2):145–7, Feb 77
ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ CASE REPORT/ *CESAREAN SECTION/ FEMALE/ HUMAN/ PREDNISONE, administration & dosage/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ PREGNANCY/ PREOPERATIVE CARE/ *PURPURA, THROMBOPENIC, therapy

248. **Anglhileri LJ, Dermietzel:** Cell coat in tumor cells — effects of trypsin and EDTA: a biochemical and morphological study. Oncology 33(1):17–23, 1976
ANIMAL/ CALCIUM, metabolism/ CARCINOMA, EHRLICH TUMOR, metabolism/ *CARCINOMA, EHRLICH TUMOR, ultrastructure/ CELL MEMBRANE PERMEABILITY, drug effects/ CELL MEMBRANE, drug effects/ *EDTA, pharmacodynamics/ GLYCOPROTEINS, metabolism/ GLYCOSAMINOGLYCANS, metabolism/ HEPATOMA, metabolism/ *HEPATOMA, ultrastructure/ MEMBRANE LIPIDS, metabolism/ MEMBRANE PROTEINS, metabolism/ MICE/ MICROSCOPY, ELECTRON/ NEOPLASMS, EXPERIMENTAL, metabolism/ NEOPLASMS, EXPERIMENTAL, ultrastructure/ PHOSPHOLIPIDS, metabolism/ RATS/ *TRYPSIN, pharmacodynamics

249. **Angulo P, Fernandez J, Narvaiza MJ, et al:** Efecto de la coagulación sanguínea sobre diversas fracciones del sistema del complemento Sangre (Barc) 21(3):421–7, 1976 (Eng. Abstr.) **(Spa)**
*BLOOD COAGULATION/ *COMPLEMENT, analysis/ ENGLISH ABSTRACT/ GEL DIFFUSION TESTS/ HUMAN

250. **Angulo P, Fernández J, Cuesta B, et al:** Aceleración de la coagulación por activación de la via alternante del complemento Rev Med Univ Navarra 18(3–4):149–54, Sep–Dec 74 **(Spa)**
BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/ *COMPLEMENT/ HUMAN/ INSULIN, pharmacodynamics

251. **Angulo P, Fernández J, Cuesta B, et al:** Nueva interpretación de la 'sensibilidad al calor' de los hematíes de la hemoglobinuria paroxistica nocturna (HPN) Sangre (Barc) 21(4):773–81, 1976 (Eng. Abstr.) **(Spa)**
ADULT/ BLOOD COAGULATION TESTS, methods/ COMPLEMENT, analysis/ ENGLISH ABSTRACT/ *ERYTHROCYTES, immunology/ *HEMOGLOBINURIA, PAROXYSMAL, immunology/ HEMOLYSIS/ HUMAN/ *HYPERSENSITIVITY, immunology/ TEMPERATURE

252. **Annamalai R, Subhan SA, Vasantha M, et al:** Trimethoxypsoralen in vitiligo. Int J Dermatol 15(9):690–3, Nov 76
ADULT/ CHILD/ *COUMARINS, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ LIGHT, therapeutic use/ MALE/ METHOXSALEN, therapeutic use/ OINTMENTS/ TRIOXSALEN, administration & dosage/ *TRIOXSALEN, therapeutic use/ *VITILIGO, drug therapy/ VITILIGO, therapy

253. **Ansay J, Fastrez R, Kutnowski M, et al:** Prévention des thromboses veineuses profondes post–opératoires par l'héparine sous–cutanée à faibles doses. Ann Chir 31(3):263–7, Mar 77 (Eng. Abstr.) **(Fre)**
AGED/ DOSE–RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

254. **Ansell JE, Kumar R, Deykin D:** The spectrum of vitamin K deficiency. JAMA 238(1):40–2, 4 Jul 77
ADULT/ AGED/ ANTIBIOTICS, administration & dosage/ *ANTIBIOTICS, adverse effects/ *BLOOD COAGULATION DISORDERS, etiology/ CASE REPORT/ HUMAN/ KIDNEY FAILURE, CHRONIC, complications/ MALE/ MIDDLE AGE/ NEOPLASMS, complications/ NUTRITION DISORDERS, complications/ PREOPERATIVE CARE/ RISK/ SURGERY, OPERATIVE, adverse effects/ *VITAMIN K DEFICIENCY, complications/ VITAMIN K, metabolism

255. **Anselmi B, Buffoni F, Curradi C, et al:** Monoamine oxidase defect in essential arterial hypertension. A single dose pargyline test. Monogr Neural Sci 3:115–23, 1976
ADULT/ BLOOD PLATELETS, enzymology/ FEMALE/ HALF-LIFE/ HUMAN/ *HYPERTENSION, enzymology/ MALE/ *MONOAMINE OXIDASE, metabolism/ *PARGYLINE, diagnostic use/ PROTEINS, metabolism/ TIME FACTORS

256. **Antalovská Z, Bartáková V, Chrobák L, et al:** Fibrinolytická aktivita v extrakční ráně Cesk Stomatol 76(5):317–22, Sep 76 (Eng. Abstr.) **(Cze)**
ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ *TOOTH EXTRACTION/ WOUND HEALING/ *WOUNDS AND INJURIES, blood

257. **Antoniades HN, Westmoreland N:** Metabolic influences in experimental thrombosis. Ann NY Acad Sci 275:28–46, 1976
ANIMAL/ BLOOD COAGULATION/ BLOOD PLATELETS/ CHOLESTEROL, blood/ DIABETES MELLITUS, physiopathology/ DIET, ATHEROGENIC/ FASTING/ FATTY ACIDS, NONESTERIFIED, metabolism/ FIBRINOGEN, metabolism/ KIDNEY, metabolism/ MALE/ OBESITY, physiopathology/ RATS/ *THROMBOPHLEBITIS, metabolism/ THROMBOPHLEBITIS, physiopathology/ TRIGLYCERIDES, blood

258. **Antoniades HN, Scher CD:** Radioimmunoassay of a human serum growth factor for Balb/c–3T3 cells: derivation from platelets. Proc Natl Acad Sci USA 74(5):1973–7, May 77
*BLOOD PLATELETS, metabolism/ CELL DIVISION, drug effects/ CELL LINE/ CROSS REACTIONS/ DNA, biosynthesis/ *GROWTH SUBSTANCES, blood/ GROWTH SUBSTANCES, immunology/ GROWTH SUBSTANCES, pharmacodynamics/ HUMAN/ MOLECULAR WEIGHT/ MONKEYS, blood/ PEPTIDES, blood/ RADIOIMMUNOASSAY/ RHESUS MONKEYS, blood/ STIMULATION, CHEMICAL/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

259. **Antonowicz I, Lebenthal E:** Developmental pattern of small intestinal enterokinase and disaccharidase activities in the human fetus. Gastroenterology 72(6):1299–303, Jun 77

(Eng. Abstr.)
*DISACCHARIDASES, metabolism/ ENGLISH ABSTRACT/ *FETUS, enzymology/ GESTATIONAL AGE/ HUMAN/ INTESTINAL MUCOSA, enzymology/ INTESTINE, SMALL, embryology/ *INTESTINE, SMALL, enzymology/ *PEPTIDE HYDROLASES, metabolism/ PREGNANCY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

260. **Antony L, Sidhu GS:** Cutaneous polyarteritis nodosa [letter]. Arch Dermatol 113(4):518–9, Apr 77
ADULT/ CASE REPORT/ HUMAN/ LEG DERMATOSES, pathology/ MALE/ *PERIARTERITIS NODOSA, pathology/ *SKIN, pathology/ THROMBOSIS, pathology/ TUBERCULOSIS, PULMONARY, pathology

261. **Antoszewski Z:** Oziębianie krwi poza łożyskiem naczyniowym chorego mechanicznym pozaustrojowym krążeniem z pozapłucnym oddychaniem przy użyciu aparatu 'szituczne płuco-serce'. Pol Przegl Chir 49(6):640–4, Jun 77 **(Pol)**
BLOOD VISCOSITY/ *BLOOD/ COLD, adverse effects/ *EXTRACORPOREAL CIRCULATION/ *HEART, MECHANICAL/ HEART, MECHANICAL, instrumentation/ HUMAN/ HYPOTHERMIA, INDUCED/ OXYGENATORS

262. **Anttinen H, Tuderman L, Oikarinen A, et al:** Intracellular enzymes of collagen biosynthesis in human platelets. Blood 50(1):29–37, Jul 77
*BLOOD PLATELETS, enzymology/ CELL EXTRACTS, analysis/ *COLLAGEN, biosynthesis/ *GALACTOSYLTRANSFERASES, blood/ *GLUCOSYLTRANSFERASES, blood/ HUMAN/ *HYDROXYLASES, blood/ *LYSINE HYDROXYLASE, blood/ *PROLINE HYDROXYLASE, blood/ PROTEIN CONFORMATION/ PROTEIN DENATURATION

263. **Anuras J, Cheng FH, Richerson HB:** Experimental leukocyte-induced pulmonary vasculitis with inquiry into mechanism. Chest 71(3):383–7, Mar 77
ANIMAL/ *ARTERITIS, etiology/ ARTERITIS, pathology/ *ASCITIC FLUID, cytology/ BLOOD TRANSFUSION/ CHROMIUM RADIOISOTOPES/ COMPLEMENT, physiology/ *LEUKOCYTES/ LEUKOCYTES, immunology/ *PERITONEAL FLUID, cytology/ *PULMONARY ARTERY/ PULMONARY ARTERY, pathology/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, pathology/ RABBITS/ SHWARTZMAN PHENOMENON/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

264. **Anwer F, Shoeb A, Kapil RS, et al:** Clausarin--a novel coumarin from Clausena pentaphylla (Roxb.) DC. Experientia 33(4):412–3, 15 Apr 77
*COUMARINS/ COUMARINS, isolation & purification/ NUCLEAR MAGNETIC RESONANCE/ *PLANTS, analysis/ SPECTROPHOTOMETRY, INFRARED/ SPECTROPHOTOMETRY, ULTRAVIOLET

265. **Aogaichi T, Plaut GW:** Assay of the esterase activity of thrombin, plasmin and trypsin with a chromogenic substrate p-nitrobenzyl p-toluenesulfonyl-l-arginine. Thromb Haemostas 37(2):253–61, 30 Apr 77
ARGININE, analogs & derivatives/ *ESTERASES/ *FIBRINOLYSIN, pharmacodynamics/ HYDROLYSIS/ *THROMBIN, pharmacodynamics/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

266. **Aoki N, Moroi M, Matsuda M, et al:** The behavior of alpha2-plasmin inhibitor in fibrinolytic states. J Clin Invest 60(2):361–9, Aug 77
*ALPHA GLOBULINS, physiology/ FIBRINOGEN, metabolism/ *FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ HUMAN/ IMMUNOELECTROPHORESIS/ KINETICS/ PLASMINOGEN ACTIVATORS, antagonists & inhibitors/ PLASMINOGEN, metabolism/ UROKINASE

267. **Aosaki M, Hirosawa K:** [Blood coagulation in coronary artery disease (author's transl)] Respir Circ (Tokyo) 24(10):855–64, Oct 76 **(Jpn)**
ANGINA PECTORIS, blood/ *BLOOD COAGULATION/ *CORONARY DISEASE, blood/ EXERTION/ FIBRINOLYSIS/ HUMAN/ MYOCARDIAL INFARCT, blood/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION

268. **ap Gwynn I, Evans PM, Jones BM, et al:** Shape changes and reduced calcium level in the surface membrane region of human platelets exposed to manganese in vitro. Cytobios 16(62):97–106, 1976
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ CALCIUM, metabolism/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ CELL MEMBRANE, ultrastructure/ CELLS, CULTURED/ HUMAN/ *MANGANESE, pharmacodynamics

269. **Apitz-Castro R, Ramírez E, Maingon R, et al:** Plasma membrane phosphorylation by endogenous phosphate donors in human blood platelets. Selectivity of the action of dibutyryl cyclic AMP. Biochim Biophys Acta 455(2):371–82, 2 Dec 76
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BLOOD PROTEIN ELECTROPHORESIS/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, metabolism/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ *PHOSPHOPROTEINS, blood

270. **Apostolov BG, Mendzheritskiĭ IM, Samarina GIa:** Vliianie antatsidnoĭ terapii na intragastral'nyĭ proteoliz proteoliz pri zabolevaniiakh gastroduodenal'noĭ sistemy u deteĭ Vopr Okhr Materin Det 22(2):35–7, 1977 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ *ANTACIDS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *GASTRIC JUICE, enzymology/ *GASTROINTESTINAL DISEASES, drug therapy/ GASTROINTESTINAL DISEASES, enzymology/ HUMAN/ *PEPTIDE HYDROLASES, metabolism

271. **Appel W, Huth E, Herrmann H:** Lysosomale Proteinasen und Peptidasen im Serum von Kindern mit entzündlichen Erkrankungen Immun Infekt 4(4):182–9, Aug 76 (Eng. Abstr.) **(Ger)**
AMINO ACID NAPHTHYLAMIDASES, blood/ AMINOPEPTIDASES, blood/ CARBOXYPEPTIDASES, blood/ CATHEPSIN, blood/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ DIPEPTIDASES, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *INFLAMMATION, blood/ *LEUKEMIA, blood/ LYSOSOMES, enzymology/ MALE/ *PEPTIDE HYDROLASES, blood/ *PNEUMONIA, blood

272. **Applebaum DM, Goldberg AP, Pykälistö OJ, et al:** Effect of estrogen on post-heparin lipolytic activity. Selective decline in hepatic triglyceride lipase. J Clin Invest 59(4):601–8, Apr 77
ADIPOSE TISSUE, enzymology/ ADULT/ *ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ *HEPARIN, pharmacodynamics/ HUMAN/ *LIPASE, blood/ LIPOPROTEIN LIPASE, blood/ TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

273. **Appleberg M:** The value of the postoperative temperature chart as an aid to the diagnosis of deep vein thrombosis. S Afr Med J 50(55):2149–50, 25 Dec 76
*FEVER, diagnosis/ FEVER, etiology/ HUMAN/ LEG, blood supply/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, diagnosis

274. **Aragno R, Doni MG:** The exclusion of the cerebral circulation: effect on the 'in vivo' platelet aggregation. Thromb Res 9(4):319–27, Oct 76
ADENOSINE DIPHOSPHATE, administration &

dosage/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD TRANSFUSION, adverse effects/ CAROTID ARTERIES, surgery/ *CEREBROVASCULAR CIRCULATION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ JUGULAR VEIN, surgery/ LIGATION/ PLASMA/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ RATS/ THROMBOPENIA, chemically induced

275. **Aragon PJ, Gottberg C:** Effect of some antithrombogenic drugs on the polyethylene-Krebs solution interface. TIT J Life Sci 7(1-2):7-11, 1977
ADSORPTION/ *ASPIRIN, pharmacodynamics/ *DIPYRIDAMOLE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *HEPARIN, pharmacodynamics/ HUMAN/ *MEMBRANE POTENTIALS, drug effects/ *MODELS, BIOLOGICAL/ *POLYETHYLENES

276. **Arai H, Yamazaki K, Yamazaki Y, et al:** [Statistical studies of brain neoplasms] Brain Nerv 28(8):779-91, Aug 76 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ ASTROCYTOMA, occurrence/ *BRAIN NEOPLASMS, occurrence/ CHILD/ CRANIOPHARYNGIOMA, occurrence/ ENGLISH ABSTRACT/ EPENDYMOMA, occurrence/ FEMALE/ GLIOBLASTOMA MULTIFORME, occurrence/ HEMANGIOMA, occurrence/ HUMAN/ JAPAN/ MALE/ MENINGIOMA, occurrence/ NEURILEMMOMA, occurrence/ OLIGODENDROGLIOMA, occurrence/ PITUITARY NEOPLASMS, occurrence/ SARCOMA, occurrence/ SEX FACTORS

277. **Arai H, Takeda Y:** Properties and radioimmunoassay of canine factor X. Thromb Res 11(1):57-66, Jul 77
ANIMAL/ ANTIBODIES/ DOGS/ DOSE-RESPONSE RELATIONSHIP, IMMUNOLOGIC/ *FACTOR X, analysis/ FACTOR X, immunology/ FACTOR X, isolation & purification/ FEMALE/ MALE/ MOLECULAR WEIGHT/ RADIOIMMUNOASSAY/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

278. **Aranda E, Dorantes S:** Garcia's disease. Cyclic thrombocytopenic purpura in a child and abnormal platelet counts in his family. Scand J Haematol 18(1):39-46, Jan 77
BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, immunology/ CASE REPORT/ CHILD/ CHRONIC DISEASE/ PERIODICITY/ PURPURA, THROMBOPENIC, blood/ *PURPURA, THROMBOPENIC, familial & genetic/ PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY

279. **Aranda Torrelio E, López Avilés MC, Vega Franco L, et al:** Retención plaquetaria en columna de perlas de vidrio. Valores normales en niños y adultos Rev Invest Clin 29(1):13-21, Jan-Mar 77 (Eng. Abstr.) **(Spa)**
ADULT/ *BLOOD PLATELET DISORDERS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ METHODS/ *PLATELET ADHESIVENESS/ PLATELET AGGREGATION

280. **Aranenko VA, Golosova TV, Golubeva VL, et al:** O tselesoobraznosti iz'iatiia levomitsetina iz rastvorov dlia konservirovaniia krovi Probl Gematol Pereliv Krovi 21(8):49-54, Aug 76 (Eng. Abstr.) **(Rus)**
*BLOOD BACTERICIDAL ACTIVITY/ *BLOOD PRESERVATION, methods/ *CHLORAMPHENICOL, pharmacodynamics/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN

281. **Arányi P, Batke J, Machovich R:** Remarks on the interaction of thrombim and heparin. Arch Biochem Biophys 181(2):678-9, Jun 77
ANTITHROMBINS, antagonists & inhibitors/ FIBRINOGEN, metabolism/ *HEPARIN, metabolism/ HEPARIN, pharmacodynamics/ KINETICS/ PROFLAVINE/ PROTEIN BINDING/ SPECTROPHOTOMETRY/ THROMBIN, antagonists & inhibitors/ *THROMBIN, metabolism

282. **Aratzanov A, Misev B:** Remote results of the treatment of the postphlebitic syndrome. Folia Med (Plovdiv) 18(2):107-12, 1976
ADULT/ AGED/ FEMALE/ FEMORAL VEIN/ HUMAN/ ILIAC VEIN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, complications/ VARICOSE VEINS, complications/ VENA CAVA, INFERIOR/ *VENOUS INSUFFICIENCY, surgery

283. **Aravina LA, Ponomareva VD, Tereshin IM, et al:** Izuchenie uslovii kul'tivirovaniia mutanta Aspergillus terricola--produtsenta proteoliticheskogo fermenta Mikrobiologiia 45(5):770-6, Sep-Oct 76 (Eng. Abstr.) **(Rus)**
ANTIFOAMING AGENTS, pharmacodynamics/ *ASPERGILLUS, enzymology/ ASPERGILLUS, growth & development/ CULTURE MEDIA/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ *MUTATION/ OXYGEN/ *PEPTIDE HYDROLASES, biosynthesis/ TEMPERATURE

284. **Aravina LA, Ponomareva VD:** Vliianie posevnogo materiala na biosintez proteoliticheskikh i amiloliticheskikh fermentov Aspergillus terricola. Mikrobiologiia 46(3):472-7, May-Jun 77 (Eng. Abstr.) **(Rus)**
*AMYLASE, biosynthesis/ *ASPERGILLUS, enzymology/ COMPARATIVE STUDY/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES, biosynthesis

285. **Arbogast B, Hopwood JJ, Dorfman A:** Heparinase activity in rat liver. Biochem Biophys Res Commun 75(3):610-7, 11 Apr 77
ANIMAL/ HEPARIN/ HYDROGEN-ION CONCENTRATION/ *LIVER, enzymology/ LIVER, ultrastructure/ LYSOSOMES, enzymology/ MOLECULAR WEIGHT/ *POLYSACCHARIDE-LYASES, metabolism/ RATS/ SULFATES, metabolism

286. **Arbuzova EI, Vetrova LP, Sorokina EI, et al:** Vliianie kompleksa fizicheskikh faktorov na sostoianie kallikrein-kininovoĭ sistemy u bol'nykh infarktom miokarda Vopr Kurortol Fizioter Lech Fiz Kult (1):49-51, Jan-Feb 77 **(Rus)**
ADULT/ *ESTERASES, blood/ HUMAN/ *KALLIKREIN, antagonists & inhibitors/ *KALLIKREIN, blood/ MIDDLE AGE/ MYOCARDIAL INFARCT, enzymology/ *MYOCARDIAL INFARCT, therapy/ *PHYSICAL THERAPY/ *PREKALLIKREIN, blood

287. **Archakov AI, Zhirnov GF, Karuzina II:** Analysis of the effects of inhibitors on NADPH-dependent electron transport in rat liver microsomes. Biochem Pharmacol 26(5):389-92, 1 Mar 77
AMOBARBITAL, pharmacodynamics/ ANIMAL/ ANTIMYCIN A, pharmacodynamics/ CHLOROMERCURIBENZOATES, pharmacodynamics/ ELECTRON TRANSPORT/ MALE/ MERSALYL, pharmacodynamics/ MICROSOMES, LIVER, drug effects/ *NADP, metabolism/ OXYGEN CONSUMPTION, drug effects/ PROPYL GALLATE, pharmacodynamics/ RATS/ ROTENONE, pharmacodynamics/ VITAMIN K, pharmacodynamics

288. **Archer DS, Fowler PD:** Comparison of oxyphenbutazone and placebo in the treatment of superficial thrombophelbitis: an object lesson in clinical trial design. Practitioner 218(1307):712-5, May 77
CLINICAL RESEARCH/ COMPARATIVE STUDY/ DOUBLE-BLIND METHOD/ ERYTHEMA/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *OXYPHENBUTAZONE, therapeutic use/ PAIN/ PLACEBOS, therapeutic use/ RESEARCH DESIGN/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, pathology

289. **Archer GL:** Experimental endocarditis. pp. 43-59. In: Duma RJ, ed. Infections of prosthetic heart values and vascular grafts. Baltimore, Univ Park Press, 1977. WG 168 I43 1976.

ANIMAL/ ANTIBIOTICS, therapeutic use/ BLOOD PLATELETS/ CELL MOVEMENT/ *DISEASE MODELS, ANIMAL/ ENDOCARDITIS, microbiology/ *ENDOCARDITIS, BACTERIAL/ ENDOCARDITIS, BACTERIAL, drug therapy/ ENDOCARDITIS, BACTERIAL, etiology/ ENDOCARDITIS, BACTERIAL, history/ FIBRIN/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ MONOGRAPH/ PHAGOCYTES, physiology/ PSEUDOMONAS INFECTIONS, etiology/ STAPHYLOCOCCAL INFECTIONS, etiology/ STAPHYLOCOCCUS AUREUS/ STREPTOCOCCAL INFECTIONS/ STRESS, complications

290. **Archer RK, Archer M, Allen BV:** Suspension of non-viable fungal spores as a standard for platelet counting. Br Med J 1(6067):1000-1, 16 Apr 77
*BLOOD CELL COUNT/ *BLOOD PLATELETS/ MUCORALES/ *SPORES, FUNGAL

291. **Arcuri F, Rizzo F:** Terapia pre-intensiva della virus epatite grave in pre-coma Clin Ter 77(4):307-15, 31 May 76 **(Ita)**
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ FEMALE/ *HEPATIC COMA, prevention & control/ *HEPATITIS, VIRAL, HUMAN, drug therapy/ HUMAN/ LACTULOSE, therapeutic use/ MALE/ MIDDLE AGE/ VITAMIN K, therapeutic use

292. **Arcus AC, Ellis MJ, Kirk RD, et al:** Studies with the autotransplanted ovine pancreas: glucagon and insulin secretion. Aust J Biol Sci 29(3):223-36, Jul 76
ANIMAL/ ARGININE, pharmacodynamics/ BUTYRATES, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ GLUCAGON, pharmacodynamics/ *GLUCAGON, secretion/ HEPARIN, pharmacodynamics/ INSULIN, pharmacodynamics/ *INSULIN, secretion/ *ISLANDS OF LANGERHANS, secretion/ *PANCREAS, transplantation/ SECRETORY RATE, drug effects/ *SHEEP, physiology/ STIMULATION, CHEMICAL/ TRANSPLANTATION, AUTOLOGOUS

293. **Ardaillou N, Dray L, Budzynski AZ, et al:** The half-life of plasmic degradation products of human fibrinogen in rabbits. Thromb Haemostas 37(2):201-9, 30 Apr 77
ANIMAL/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRINOGEN/ HALF-LIFE/ HUMAN/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ RABBITS/ TIME FACTORS

294. **Ardelt W, Tomczak Z, Księżny S, et al:** Neutral elastolytic proteinase from canine leucocytes. Purification and characterization. Biochim Biophys Acta 445(3):683-93, 11 Oct 76
AMINO ACIDS, analysis/ ANIMAL/ DOGS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *LEUKOCYTES, enzymology/ *PANCREATOPEPTIDASE, blood/ PANCREATOPEPTIDASE, isolation & purification/ PANCREATOPEPTIDASE, metabolism/ *PEPTIDE HYDROLASES, blood/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

295. **Ardelt W:** Zyklisches Adenosinmonophosphat, Prostaglandin E und die Aggregation menschlicher Blutplättchen Fortschr Med 95(6):366-70, 10 Feb 77 (Eng. Abstr.) **(Ger)**
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, analysis/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ PREGNANCY/ PROSTAGLANDINS E, biosynthesis/ *PROSTAGLANDINS E, blood/ PROSTAGLANDINS E, pharmacodynamics/ STIMULATION, CHEMICAL/ THROMBIN, pharmacodynamics

296. **Arden SH:** Clinical laboratory studies for the podiatric surgical patient. J Foot Surg 15(4):156-8, Winter 76
BLOOD COAGULATION TESTS/ ERYTHROCYTE COUNT/ FOOT DISEASES, blood/ *FOOT DISEASES, surgery/ FOOT DISEASES, urine/ HUMAN/ LEUKOCYTE COUNT/ PREOPERATIVE CARE/ SYPHILIS SERODIAGNOSIS

297. **Arias-Rodriguez M, Sraer JD, Kourilsky O, et al:** Renal transplantation and immunological abnormalities in thrombotic microangiopathy of adults: report of 5 cases. Transplantation 23(4):360-5, Apr 77
ADULT/ ANTIGEN-ANTIBODY COMPLEX/ CASE REPORT/ COMPLEMENT 3/ FEMALE/ HUMAN/ *IMMUNITY/ KIDNEY FAILURE, ACUTE, etiology/ *KIDNEY FAILURE, ACUTE, surgery/ KIDNEY FAILURE, ACUTE, immunology/ *KIDNEY, transplantation/ MALE/ MIDDLE AGE/ PURPURA, THROMBOTIC THROMBOPENIC, complications/ PURPURA, THROMBOTIC THROMBOPENIC, immunology/ *PURPURA, THROMBOTIC THROMBOPENIC, surgery/ TRANSPLANTATION, ALLOGENEIC

298. **Arisi Petrini C, Giorcelli F:** Pancreatiti croniche: esami di laboratorio Minerva Gastroenterol 22(1):78-82, Jan-Mar 76 **(Ita)**
AMYLASE, analysis/ AMYLASE, blood/ BICARBONATES, analysis/ CHRONIC DISEASE/ DUODENUM/ ELECTROLYTES, analysis/ ENZYME TESTS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTESTINAL SECRETIONS, analysis/ LIPASE, analysis/ LIPASE, blood/ *PANCREATITIS, diagnosis/ TRYPSIN, analysis

299. **Arlaud J, Micco P, Dor JF, et al:** [Various aspects of cytomegalovirus infection in the adult] Sem Hop Paris 53(24):1439-46, 23 Jun 77 **(Fre)**
ADULT/ AGED/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, etiology/ CASE REPORT/ CYTOMEGALIC INCLUSION DISEASE, complications/ *CYTOMEGALIC INCLUSION DISEASE, diagnosis/ CYTOMEGALIC INCLUSION DISEASE, transmission/ HEPATITIS, VIRAL, HUMAN, etiology/ HUMAN/ IMMUNOSUPPRESSION/ INFECTIOUS MONONUCLEOSIS, etiology/ MALE/ MIDDLE AGE/ PURPURA, THROMBOPENIC, etiology

300. **Armenta D, Long LA, Pretty HM, et al:** Crise blastique d'une leucémie myéloïde chronique: leucémie mégacaryoblastique Union Med Can 105(9):1339-44, Sep 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *HEMORRHAGIC THROMBOCYTHEMIA, blood/ HUMAN/ KARYOTYPING/ *LEUKEMIA, MYELOCYTIC, blood/ MALE/ MEGAKARYOCYTES, pathology

301. **Armijo Moreno M, Camacho Martínez F, Naranjo Sintes R, et al:** Coagulación intravascular diseminada (C.I.V.D.) Actas Dermosifiliogr 68(3-4):165-84, Mar-Apr 77 (Eng. Abstr.) **(Spa)**
ADULT/ AGED/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ SKIN, pathology

302. **Arminjon F, Guinand M, Vacheron MJ, et al:** Specificity profiles of the membrane-bound gamma-D-glutamyl-(L)meso-diaminopimelateendopepti and LD-carboxypeptidase from Bacillus sphaericus 9602. Eur J Biochem 73(2):557-65, Mar 1 77
AMINO ACIDS, pharmacodynamics/ *BACILLUS, enzymology/ *CARBOXYPEPTIDASES, metabolism/ KINETICS/ OLIGOPEPTIDES/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

303. **Armitage IM, Shapiro DL, Furthmayr H, et al:** 31P nuclear magnetic resonance evidence for polyphosphoinositide associated with the hydrophobic segment of glycophorin

A. Biochemistry 16(7):1317–20, 5 Apr 77
BINDING SITES/ ERYTHROCYTE MEMBRANE/ *GLYCOPHORIN/ HUMAN/ NUCLEAR MAGNETIC RESONANCE/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOINOSITIDES, blood/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *SIALOGLYCOPROTEINS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

304. **Armitage JO, Sheets RF:** Idiopathic thrombocytopenic purpura in patients with histoplasmosis. JAMA 237(21):2323–4, 23 May 77
ADULT/ AGED/ ANTIBODIES, analysis/ CASE REPORT/ COMPLEMENT FIXATION TESTS/ FEMALE/ HISTOPLASMA, immunology/ HISTOPLASMA, isolation & purification/ *HISTOPLASMOSIS, complications/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC, complications

305. **Armstrong B, Dinan B, Jick H:** Fatal drug reactions in patients admitted to surgical services. Am J Surg 132(5):643–5, Nov 76
ADULT/ CASE REPORT/ *DRUG THERAPY, adverse effects/ FEMALE/ HEMORRHAGE, chemically induced/ HEMORRHAGE, mortality/ *HEPARIN, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ *SURGERY, OPERATIVE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

306. **Armstrong ML:** Evidence of regression of atherosclerosis in primates and man. Postgrad Med J 52(609):456–61, Jul 76
ANIMAL/ ARTERIES, pathology/ *ARTERIOSCLEROSIS, pathology/ ATHEROSCLEROSIS, metabolism/ *ATHEROSCLEROSIS, pathology/ CHOLESTEROL, DIETARY/ COLLAGEN, metabolism/ COMPARATIVE STUDY/ CYNOMOLGUS MONKEYS/ DIET, ATHEROGENIC/ FEMALE/ HUMAN/ LIPIDS, metabolism/ MIDDLE AGE/ MONKEYS/ RHESUS MONKEYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

307. **Armstrong ML:** Regression of experimental athrrosclerosis after low-fat and corn oil diets in nonhuman primates. pp. 91–5.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974.
ANIMAL/ ARTERIES, analysis/ *ARTERIOSCLEROSIS, diet therapy/ *ATHEROSCLEROSIS, diet therapy/ CHOLESTEROL, metabolism/ COMPARATIVE STUDY/ CORN/ CORONARY VESSELS, metabolism/ CYNOMOLGUS MONKEYS/ DIET, ATHEROGENIC/ *DIETARY FATS, therapeutic use/ DISACCHARIDES/ LINOLEIC ACIDS, therapeutic use/ MONKEYS/ MONOGRAPH/ *OILS, therapeutic use/ PHOSPHOLIPIDS, metabolism/ PROTEINS, metabolism/ RHESUS MONKEYS/ SUCROSE, therapeutic use/ TRIGLYCERIDES, metabolism

308. **Arnesen H, Rygh M, Ly B, et al:** Streptokinase resistance in medical patients in Oslo. Scand J Haematol 18(4):348–52, Apr 77
ADOLESCENCE/ ADULT/ AGED/ *DRUG RESISTANCE/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NORWAY/ *STREPTOKINASE, administration & dosage/ STREPTOKINASE, immunology

309. **Arnesen H:** Fibrinogen/fibrin degradation products (FDP/fdp). Characterization, anticoagulant activity, and influence on laboratory assays. J Oslo City Hosp 27(6):69–80, Jun 77 (76 ref.)
*ANTICOAGULANTS/ ANTICOAGULANTS, metabolism/ *BLOOD COAGULATION TESTS, standards/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ FIBRINOLYSIS/ HUMAN/ MOLECULAR CONFORMATION/ REVIEW/ THROMBIN

310. **Arnman R, Iwarson S, Olsson R:** The clinical significance of increased plasma levels of liver-synthesized coagulation factors in liver disease. Scand J Gastroenterol 12(4):387–9, 1977
ACETAMINOPHEN, poisoning/ ACUTE DISEASE/ *BILIARY TRACT DISEASES, blood/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, analysis/ CHLORPROMAZINE, adverse effects/ CHOLESTASIS, blood/ COMMON BILE DUCT CALCULI, blood/ FACTOR VII, analysis/ FACTOR X, analysis/ HEPATITIS, TOXIC, blood/ HEPATITIS, VIRAL, HUMAN, blood/ HUMAN/ *LIVER DISEASES, blood/ PANCREATIC NEOPLASMS, blood/ PROTHROMBIN, analysis

311. **Arnold WD:** Orthopedic surgery and the hemophiliac today. ONA J 3(10):293–5, Oct 76
CHILD/ *HEMOPHILIA, complications/ HUMAN/ JOINT DISEASES, etiology/ *JOINT DISEASES, surgery

312. **Arnold WD, Hilgartner MW:** Hemophilic arthropathy. Current concepts of pathogenesis and management. J Bone Joint Surg [Am] 59(3):287–305, Apr 77
ADOLESCENCE/ ADULT/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ARTHRITIS, etiology/ ARTHRITIS, therapy/ ARTHRODESIS/ ARTHROPLASTY/ CHILD/ FACTOR IX, therapeutic use/ FACTOR VIII, therapeutic use/ *HEMARTHROSIS/ HEMARTHROSIS, etiology/ HEMARTHROSIS, therapy/ *HEMOPHILIA, complications/ HEMOPHILIA, physiopathology/ HIP JOINT/ HUMAN/ JOINT PROSTHESIS/ KNEE JOINT/ MALE/ OSTEOPOROSIS, etiology/ SYNOVIAL MEMBRANE, pathology

313. **Arnoldi CC:** Elastic compression in the prevention of venous thrombosis. Vasa 5(2):101–6, 1976
*BLOOD FLOW VELOCITY/ FEMALE/ HUMAN/ LEG/ MALE/ OCCLUSIVE DRESSINGS/ *THROMBOPHLEBITIS, prevention & control

314. **Arnott S, Winter WT:** Details of glycosaminoglycan conformations and intermolecular interactions. Fed Proc 36(1):73–8, Jan 77
*GLYCOSAMINOGLYCANS/ *HEPARIN/ *HEPARITIN SULFATE/ *HYALURONIC ACID/ MOLECULAR CONFORMATION/ MOLECULAR MODELS/ *MUCOPOLYSACCHARIDES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ X-RAY DIFFRACTION

315. **Arnould JL, Saadjian A, Torresani J:** Etude hémodynamique de l'action du carbocroméne au stade aigu de l'infarctus du myocarde Coeur Med Interne 15(4):581–4, Oct–Dec 76 **(Fre)**
ACUTE DISEASE/ AGED/ CHROMONAR, adverse effects/ CHROMONAR, pharmacodynamics/ *CHROMONAR, therapeutic use/ *COUMARINS, therapeutic use/ *HEMODYNAMICS, drug effects/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy

316. **Arnulf G, Burtin S:** Etude critique de la prévention de la thrombose post-opératoire par les anticoagulants. A propos d'une statistique de 5318 cas Chirurgie 102(1):57–67, 14–28 Jan 76 (Eng. Abstr.) **(Fre)**
*ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ RETROSPECTIVE STUDIES/ STATISTICS/ *THROMBOSIS, prevention & control/ VITAMIN K, therapeutic use

317. **Arnulf G, Milleret R:** Résultats aprés 21 ans d'une thrombectomie pour phlébite ilio-fémorale. Documents cliniques, phlébographiques et ultra-soniques Chirurgie 102(12):1001–8, 8–15 Dec 76 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ *FEMORAL VEIN/

FEMORAL VEIN, radiography/ FEMORAL VEIN, surgery/ FOLLOW-UP STUDIES/ HUMAN/ *ILIAC VEIN/ ILIAC VEIN, radiography/ ILIAC VEIN, surgery/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, surgery/ ULTRASONICS, diagnostic use

318. **Aronson DL, Mustafa AJ:** The activation of human factor X in sodium citrate: the role of factor VII. Thromb Haemostas 36(1):104–14, 31 Aug 76
CITRATES/ *FACTOR VII/ *FACTOR X/ FACTOR X, isolation & purification/ HUMAN/ SODIUM

319. **Aronson DL:** Comparison of the actions of thrombin and the thrombin-like venom enzymes ancrod and batroxobin. Thromb Haemostas 36(1):9–13, 31 Aug 76
ANIMAL/ *ARVIN, pharmacodynamics/ BLOOD COAGULATION FACTORS/ COMPARATIVE STUDY/ FACTOR VIII/ FIBRINOPEPTIDES A/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ *SNAKE VENOMS, pharmacodynamics/ *THROMBIN, pharmacodynamics

320. **Aronstam A, Kirk PJ, McHardy J, et al:** Twice weekly prophylactic therapy in haemophilia A. J Clin Pathol 30(1):65–7, Jan 77
CHILD/ CLINICAL RESEARCH/ *FACTOR VIII, administration & dosage/ FACTOR VIII, therapeutic use/ *HEMOPHILIA, drug therapy/ HUMAN/ MALE

321. **Arshinov PS:** O profilaktike posttransfuzionnykh troboflebitov Klin Khir (8):59–60, Aug 76 **(Rus)**
*BLOOD TRANSFUSION, adverse effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INFUSIONS, PARENTERAL/ SOLUTIONS/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

322. **Arsov T:** Metod za sledoperativno lechenie pri trombotichni prostsesi na mezenterialnite sudove i naprednali vuzpalitelni protsesi na chrevnata stena i koremnata kukhina chrez direktno kaniulirane na a. mesenterica superior. Khirurgiia (Sofiia) 30(1):89–92, 1977 **(Bul)**
*ABDOMEN, surgery/ *CATHETERIZATION, methods/ *ENTERITIS, surgery/ HUMAN/ INFUSIONS, PARENTERAL/ MESENTERIC ARTERIES, surgery/ *MESENTERIC VASCULAR OCCLUSION, surgery/ *POSTOPERATIVE CARE, methods/ THROMBOSIS, surgery

323. **Arthes FG, Masi AT:** Myocardial infarction in younger women. Associated clinical features and relationship to use of oral contraceptive drugs. Chest 70(5):574–83, Nov 76
ADULT/ AGE FACTORS/ COMPARATIVE STUDY/ *CONTRACEPTIVES, ORAL, adverse effects/ DIABETES MELLITUS, complications/ FEMALE/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERTENSION, complications/ MYOCARDIAL INFARCT, chemically induced/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, etiology/ SEX FACTORS/ SMOKING, complications/ THROMBOEMBOLISM, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

324. **Arvanitakis C, Stamnes CL, Folscroft J, et al:** Failure of bran to alter diet-induced hyperlipidemia in the rat. Proc Soc Exp Biol Med 154(4):550–2, Apr 77
ANIMAL/ BODY WEIGHT/ *CELLULOSE/ CHOLESTEROL, metabolism/ *DIET, ATHEROGENIC/ *DIETARY FIBER/ FATTY LIVER, etiology/ *HYPERLIPEMIA, etiology/ HYPERLIPEMIA, metabolism/ LIVER, metabolism/ MALE/ RATS/ TRIGLYCERIDES, metabolism

325. **Arwin H, Lundström I:** Electric method for measurements of enzymatic activity. Rev Sci Instrum 47(11):1394–6, Nov 76
*ELECTRONICS, methods/ *PEPTIDE HYDROLASES, metabolism/ SERINE

326. **Asano T, Ochiai Y, Hidaka H:** Selective inhibition of separated forms of human platelet cyclic nucleotide phosphodiesterase by platelet aggregation inhibitors. Mol Pharmacol 13(3):400–6, May 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE, analogs & derivatives/ ADENOSINE, pharmacodynamics/ *BLOOD PLATELETS, enzymology/ CAFFEINE, pharmacodynamics/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DEPRESSION, CHEMICAL/ DIPYRIDAMOLE, pharmacodynamics/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ HUMAN/ IN VITRO/ KINETICS/ PAPAVERINE, pharmacodynamics/ *PHOSPHODIESTERASES, antagonists & inhibitors/ PHOSPHODIESTERASES, blood/ PHOSPHODIESTERASES, isolation & purification/ PHTHALAZINES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ THEOPHYLLINE, pharmacodynamics

327. **Asanza L, Rao G, Voleti C, et al:** Should the pericardium be closed after an open-heart operation? Ann Thorac Surg 22(6):532–4, Dec 76
AORTIC ANEURYSM, surgery/ CLINICAL RESEARCH/ FOREIGN BODIES, surgery/ HEART DEFECTS, CONGENITAL, surgery/ HEART INJURIES, surgery/ HEART NEOPLASMS, surgery/ *HEART SURGERY, methods/ HEART VALVE PROSTHESIS, methods/ HUMAN/ MYOCARDIAL REVASCULARIZATION, methods/ *PERICARDIUM, surgery/ POSTOPERATIVE COMPLICATIONS/ PROSPECTIVE STUDIES/ PULMONARY EMBOLISM, surgery

328. **Asbeck F:** Prophylaxe venöser Thrombosen und Embolien. ZFA (Stuttgart) 53(15):846–54, 31 May 77 (37 ref.) **(Ger)**
ADULT/ AGE FACTORS/ ANTICOAGULANTS, administration & dosage/ ASPIRIN, administration & dosage/ DEXTRAN, administration & dosage/ DIHYDROERGOTAMINE, administration & dosage/ HEPARIN, administration & dosage/ HIP JOINT/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ OCCLUSIVE DRESSINGS/ POSTOPERATIVE CARE/ REPTILASE, administration & dosage/ REVIEW/ *THROMBOEMBOLISM, prevention & control/ THROMBOEMBOLISM, physiopathology

329. **Aschberg S, Bergstrand O, Björkholm M:** Klippel-Trénaunay-Webers syndrom (KTWS) - klinisk benämning på patofysiologiskt skilda sjukdomstillstånd Lakartidningen 74(7):563–5, Feb 77 (Eng. Abstr.) **(Swe)**
ADOLESCENCE/ ADULT/ *ANGIOMATOSIS, classification/ ARTERIOVENOUS MALFORMATIONS/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA/ HUMAN/ *KLIPPEL-TRENAUNAY DISEASE, classification/ KLIPPEL-TRENAUNAY DISEASE, diagnosis/ KLIPPEL-TRENAUNAY DISEASE, therapy/ MALE/ MIDDLE AGE/ THROMBOPHLEBITIS/ VARICOSE VEINS

330. **Aschinberg LC, Solomon LM, Zeis PM, et al:** Vitamin D-resistant rickets associated with epidermal nevus syndrome: demonstration of a phosphaturic substance in the dermal lesions. J Pediatr 91(1):56–60, Jul 77
CALCIUM, blood/ CASE REPORT/ CHILD/ *HEMANGIOMA, complications/ HEMANGIOMA, secretion/ HUMAN/ MALE/ *NEVUS, PIGMENTED, complications/ NEVUS, PIGMENTED, secretion/ PHOSPHORUS, blood/ PHOSPHORUS, metabolism/ PHOSPHORUS, urine/ *RICKETS, VITAMIN D RESISTANT, etiology/ *SKIN NEOPLASMS, complications/ SKIN NEOPLASMS, secretion/ SYNDROME/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

331. **Aschkenasy A:** The effects of late thymectomy on the immunosuppressive action of cortisone and testosterone in rats immunized to sheep red blood cells. Acta Haematol (Basel) 56(4):212–20, 1976
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ CORTISONE, administration & dosage/ *CORTISONE,

pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ IMMUNIZATION/ IMMUNOLOGIC TECHNICS/ *IMMUNOSUPPRESSION/ LEUKOCYTE COUNT/ LEUKOCYTES, drug effects/ LYMPH NODES, drug effects/ LYMPHOCYTES, drug effects/ MALE/ ORGAN WEIGHT, drug effects/ RATS/ SPLEEN, drug effects/ TESTOSTERONE, administration & dosage/ *TESTOSTERONE, pharmacodynamics/ *THYMECTOMY/ THYMUS GLAND, drug effects

332. **Ashenhurst JB, Langehannig PL, Seeler RA:** Early treatment of bleeding episodes with 10 U/kg of factor VIII [letter] Blood 50(1):181–2, Jul 77
*FACTOR VIII, therapeutic use/ *HEMOPHILIA, therapy/ *HEMORRHAGE, therapy/ HUMAN/ TIME FACTORS

333. **Ashenhurst JB, Langehenning PL, Seeler RA:** Hemolysis after factor VIII administration [letter] Arch Intern Med 137(8):1088–9, Aug 77
FACTOR IX, therapeutic use/ *FACTOR XIII, adverse effects/ *HEMOLYSIS/ HEMOPHILIA, surgery/ HEMOSTASIS, SURGICAL/ HUMAN

334. **Asheshov EH, Coe AW, Porthouse A:** Properties of strains of Staphylococcus aureus in the 94, 96 complex. J Med Microbiol 10(2):171–8, May 77
ANTIBIOTICS, pharmacodynamics/ BACTERIOLYSIS/ BACTERIOPHAGE TYPING/ DRUG RESISTANCE, MICROBIAL/ ENTEROTOXINS, biosynthesis/ FIBRINOLYSIN, biosynthesis/ HEMOLYSINS, biosynthesis/ LIPASE, metabolism/ MUTAGENS/ PIGMENTS, biosynthesis/ *STAPHYLOCOCCUS AUREUS, classification/ STAPHYLOCOCCUS AUREUS, drug effects

335. **Ashford RF, Hayes JP, Lane AM, et al:** Idiopathic thrombocytopenic purpura with low leucocyte ascorbate [letter]. Lancet 2(7999):1360, 18 Dec 76
ADULT/ *ASCORBIC ACID, blood/ CASE REPORT/ HUMAN/ *LEUKOCYTES, analysis/ MALE/ *PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, complications/ SCURVY, blood/ SCURVY, etiology

336. **Ashkinazi IIa:** Funktsional'naia nedostatochnost' tromboplastinovogo faktora éritrotsitov. Biull Eksp Biol Med 83(6):664–6, Jun 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ ENGLISH ABSTRACT/ *ERYTHROCYTES, metabolism/ HUMAN/ *KIDNEY DISEASES, blood/ MIDDLE AGE/ *THROMBOPLASTIN, metabolism

337. **Ashman B:** An assessment of platelet counting methods. Med Lab Sci 33(3):201–8, Jul 76
*BLOOD CELL COUNT, methods/ *BLOOD PLATELETS/ HUMAN

338. **Ashman RF:** Enzymatic modification of lymphocyte receptors for antigen. III. Resistance of receptors to trypsin at the peak of the immune response. Eur J Immunol 5(6):421–5, Jun 76
ANIMAL/ ANTIBODY FORMATION/ *ANTIGENS/ BINDING SITES/ ERYTHROCYTES, immunology/ *IMMUNOGLOBULINS, SURFACE, metabolism/ *LYMPHOCYTES, immunology/ MICE/ MICE, INBRED CBA/ TIME FACTORS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

339. **Ashwood-Smith MJ, Grant E:** Conversion of psoralen DNA monoadducts in E. coli to interstrand DNA cross links by near UV light (320–360 nm): inability of angelicin to form cross links, in vivo. Experientia 33(3):384–6, 15 Mar 77
BINDING SITES/ *COUMARINS, radiation effects/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ DNA, BACTERIAL, metabolism/ *DNA, BACTERIAL, radiation effects/ ESCHERICHIA COLI, metabolism/ *ESCHERICHIA COLI, radiation effects/ FICUSIN, metabolism/ *FICUSIN, radiation effects/ ISOMERISM/ MOLECULAR WEIGHT/ *ULTRAVIOLET RAYS

340. **Ashwood-Smith MJ, Grant EL, Heddle JA, et al:** Chromosome damage in Chinese hamster cells sensitized to near-ultraviolet light by psoralen and angelicin. Mutat Res 43(3):377–85, Jun 77
CELL LINE/ CELL NUCLEUS, drug effects/ CELL NUCLEUS, radiation effects/ CELL SURVIVAL, drug effects/ CHEMISTRY/ CHROMOSOME ABERRATIONS/ CHROMOSOMES, drug effects/ *CHROMOSOMES, radiation effects/ *COUMARINS, pharmacodynamics/ *FICUSIN, pharmacodynamics/ HAMSTERS/ ISOMERISM/ MITOSIS/ *ULTRAVIOLET RAYS/ X-RAYS

341. **Askerhanov RP:** Patogenez i khirurgicheskoe lechenie trofícheskikh iazv pri porazhenii ven nizhnikh konechnosteĭ Khirurgiia (Mosk) (8):32–9, Aug 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, complications/ *LEG ULCER, etiology/ LEG ULCER, surgery/ MALE/ METHODS/ MIDDLE AGE/ THROMBOPHLEBITIS, complications/ *VARICOSE ULCER, etiology/ VARICOSE ULCER, surgery

342. **Aslanian NL, Isaakian SA, Shukhian VM:** Narushenie gomeostaza svertyvaiushcheĭ sistemy krovi i fibrinoliza u bol'nykh khronicheskim tonzillitom i tonzillo-kardial'nym sindromom Zh Eksp Klin Med 16(5):52–8, 1976 **(Rus)**
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ FEMALE/ *FIBRINOLYSIS/ *HOMEOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL DISEASES, SECONDARY, physiopathology/ SYNDROME/ *TONSILLITIS, physiopathology

343. **Asmakova TG, Rozenfel'd MA, Piruzian LA, et al:** Vliianie nagrevaniia i okhlazhdeniia gipotalamusa na sistemu svertyvaniia krovi. Fiziol Zh SSSR 63(7):997–1002, Jul 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION/ *BODY TEMPERATURE/ ENGLISH ABSTRACT/ FEVER/ FIBRINOLYSIS/ HEPARIN, metabolism/ *HYPOTHALAMUS, physiology/ HYPOTHERMIA, INDUCED/ MALE/ MUSCLES, physiology/ RABBITS

344. **Asoskov VA:** Diseminirovannaia vnutrisosudistaia koaguliatsiia u bol'nykh infarktom miokarda Kardiologiia 16(4):59–64, Apr 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *BLOOD COAGULATION/ BLOOD PLATELETS, pathology/ CELL COUNT/ CELL SURVIVAL/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FACTOR V, analysis/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications

345. **Aspelin P, Lester J:** Pantopaque pulmonary embolism following myelography. Neuroradiology 14(1):43–4, 25 Aug 77
ADOLESCENCE/ CASE REPORT/ *CONTRAST MEDIA, adverse effects/ FEMALE/ HUMAN/ *IODOBENZENES, adverse effects/ *IOPHENDYLATE, adverse effects/ *MYELOGRAPHY, adverse effects/ *PULMONARY EMBOLISM, chemically induced

346. **Assan R, Plouin PF, Girard JR, et al:** Study of glucagon secretion using in vitro perifusion of rat pancreas pieces. Diabete Metab 1(2):101–11, Jun 75
ACETYLCHOLINE, pharmacodynamics/ AMINOTRANSFERASES, secretion/ ANIMAL/ ARGININE, pharmacodynamics/ CAERULEIN, pharmacodynamics/ CHOLECYSTOKININ, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ *GLUCAGON, secretion/ GLUCOSE, pharmacodynamics/ ISLANDS OF LANGERHANS, drug effects/ *ISLANDS OF LANGERHANS, secretion/ KINETICS/ LACTATE DEHYDROGENASE, secretion/ MALE/ NOREPINEPHRINE, pharmacodynamics/

PANCREAS, enzymology/ PANCREATOPEPTIDASE, secretion/ RATS/ SECRETIN, pharmacodynamics/ TRYPSIN, secretion

347. **Assan R, Plouin PF, Girard JR, et al:** Study of glucagon secretion using in vitro perifusion of rat pancreas pieces. Diabete Metab 1(2):101–11, Jun 75
ACETYLCHOLINE, pharmacodynamics/ AMINOTRANSFERASES, secretion/ ANIMAL/ ARGININE, pharmacodynamics/ CAERULEIN, pharmacodynamics/ CHOLECYSTOKININ, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ *GLUCAGON, secretion/ GLUCOSE, pharmacodynamics/ ISLANDS OF LANGERHANS, drug effects/ *ISLANDS OF LANGERHANS, secretion/ KINETICS/ LACTATE DEHYDROGENASE, secretion/ MALE/ NOREPINEPHRINE, pharmacodynamics/ PANCREAS, enzymology/ PANCREATOPEPTIDASE, secretion/ RATS/ SECRETIN, pharmacodynamics/ TRYPSIN, secretion

348. **Assan R:** La somatostatine : une nouvelle hormone Diabete Metab 2(3):135–46, Sep 76 (Eng. Abstr.) **(Fre)**
AMINO ACID SEQUENCE/ ANIMAL/ CATECHOLAMINES, secretion/ CENTRAL NERVOUS SYSTEM, analysis/ DIABETES MELLITUS, drug therapy/ ENGLISH ABSTRACT/ GASTROINTESTINAL HORMONES, secretion/ HEMOSTASIS, drug effects/ HUMAN/ HYPOTHALAMUS, analysis/ ISLANDS OF LANGERHANS, analysis/ NEOPLASMS, drug therapy/ NEURONS, drug effects/ PANCREATIC HORMONES, secretion/ PITUITARY HORMONES, secretion/ PITUITARY NEOPLASMS, secretion/ *SOMATOTROPIN RELEASE INHIBITING HORMONE/ SOMATOTROPIN RELEASE INHIBITING HORMONE, adverse effects/ SOMATOTROPIN RELEASE INHIBITING HORMONE, analysis/ SOMATOTROPIN RELEASE INHIBITING HORMONE, therapeutic use/ SOMATOTROPIN RELEASE INHIBITING HORMONE, physiology/ SOMATOTROPIN, secretion

349. **Assan R, Heuclin C, Girard JR, et al:** Hormonal and metabolic effects of somatostatin in diabetic patients submitted to an i.v. arginine infusion. Diabete Metab 3(1):11–7, Mar 77
ADULT/ ALANINE, blood/ *ARGININE, diagnostic use/ BLOOD SUGAR, metabolism/ *DIABETES MELLITUS, JUVENILE, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG TOLERANCE/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCAGON, blood/ HEMOSTASIS, drug effects/ *HORMONES, blood/ HUMAN/ HYDROCORTISONE, blood/ HYDROXYBUTYRATES, blood/ MALE/ NITROGEN, blood/ *SOMATOTROPIN RELEASE INHIBITING HORMONE, diagnostic use/ SOMATOTROPIN, blood

350. **Assem ES, Chong EK:** Profiles of different anti-allergy effects of a new histamine antagonist, BM 15,100 [proceedings]. Br J Pharmacol 57(3):437P–438P, Jul 76
ANIMAL/ *COUMARINS, therapeutic use/ GUINEA PIGS/ *HISTAMINE H1 RECEPTOR BLOCKADERS, therapeutic use/ HUMAN/ *HYPERSENSITIVITY, drug therapy/ ILEUM, drug effects/ IN VITRO/ LEUKOCYTES, drug effects/ *PIPERAZINES, therapeutic use

351. **Astedt B:** Die Gewebekultur als ein Testsystem für das Studium der Fibrinolyseaktivatoren
Folia Haematol (Leipz) 103(3):399–403, 1976 **(Ger)**
ESTROGENS, pharmacodynamics/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, analysis/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ IN VITRO/ INFLAMMATION, physiopathology/ METHODS/ PROGESTATIONAL HORMONES, pharmacodynamics/ TISSUE CULTURE

352. **Astedt B:** Trombosbehandling under graviditet Lakartidningen 74(18):1829–30, 4 May 77 **(Swe)**
ADMINISTRATION, ORAL/ BISHYDROXYCOUMARIN, administration & dosage/ BISHYDROXYCOUMARIN, therapeutic use/ FEMALE/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PREGNANCY/ RECURRENCE/ *THROMBOPHLEBITIS, drug therapy

353. **Astedt B, Glifberg I, Mattsson W, et al:** Arrest of growth of ovarian tumor by tranexamic acid. JAMA 238(2):154–5, 11 Jul 77
ADENOCARCINOMA, PAPILLARY, drug therapy/ ADENOCARCINOMA, PAPILLARY, pathology/ CASE REPORT/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, mortality/ OVARIAN NEOPLASMS, pathology/ TIME FACTORS/ TRANEXAMIC ACID, administration & dosage/ *TRANEXAMIC ACID, therapeutic use

354. **Astedt B, Bladh B, Holmberg L:** Some characteristics of urokinase released in organ culture of human kidney. Experientia 33(5):589–91, 15 May 77
CHROMATOGRAPHY, AFFINITY/ GEL DIFFUSION TESTS/ HUMAN/ IGG/ IMMUNOASSAY/ ISOFLUROPHATE, pharmacodynamics/ *KIDNEY, enzymology/ KINETICS/ MOLECULAR WEIGHT/ ORGAN CULTURE/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *UROKINASE/ UROKINASE, isolation & purification/ UROKINASE, metabolism

355. **Astedt B, Mattsson W, Tropé C:** Treatment of advanced breast cancer with chemotherapeutics and inhibition of coagulation and fibrinolysis. Acta Med Scand 201(5):491–3, 1977
ANTICOAGULANTS, therapeutic use/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *BLOOD COAGULATION, drug effects/ BRAIN NEOPLASMS, drug therapy/ *BREAST NEOPLASMS, drug therapy/ CASE REPORT/ FEMALE/ *FIBRINOLYSIS, drug effects/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ NEOPLASM METASTASIS/ PLEURISY, drug therapy/ REGRESSION/ TRANEXAMIC ACID, therapeutic use

356. **Aswanikumar S, Corcoran B, Schiffmann E, et al:** Demonstration of a receptor on rabbit neutrophils for chemotactic peptides. Biochem Biophys Res Commun 74(2):810–7, 24 Jan 77
ANIMAL/ BINDING, COMPETITIVE/ BLOOD PLATELETS, metabolism/ BRAIN, metabolism/ CELL MEMBRANE, metabolism/ *CHEMOTAXIS/ DIPEPTIDES, blood/ ERYTHROCYTES, metabolism/ KINETICS/ LYMPHOCYTES, metabolism/ *NEUTROPHILS, physiology/ *OLIGOPEPTIDES, blood/ PROTEIN BINDING/ RABBITS/ *RECEPTORS, DRUG, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

357. **Atanasov K, Iovkova T:** Izmeneniia trombaggliutinatsionnogo testa pri koronarnoĭ bolezni vsledstvie lecheniia geparinom. Kardiologiia 17(5):142–3, May 77 **(Rus)**
*BLOOD COAGULATION, drug effects/ *CORONARY DISEASE, blood/ CORONARY DISEASE, prevention & control/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ PLATELET AGGREGATION, drug effects/ THROMBELASTOGRAPHY

358. **Atanasov V, Apostolov I:** Vurkhu abdominalniia sindrom na papulosis atrophicans maligna (morbus Degos Khirurgiia (Sofiia) 29(3):201–4, 1976 **(Bul)**
ABDOMEN, ACUTE, complications/ ADULT/ BULGARIA/ CASE REPORT/ FEMALE/ HUMAN/ PERITONITIS, complications/ PYELONEPHRITIS, complications/ *SKIN

DISEASES, complications/ SKIN, blood supply/ SYNDROME/ THROMBOSIS, complications/ UTERINE DISEASES, complications

359. **Atherly AG, Barnhart BJ, Kraemer PM:** Growth and biochemical characteristics of a detachment variant of CHO cells. J Cell Physiol 90(3):375–85, Mar 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ CELL ADHESION, drug effects/ *CELL LINE/ CHONDROITIN SULFATES, analysis/ COMPARATIVE STUDY/ EDTA, pharmacodynamics/ GLYCOPEPTIDES, analysis/ HAMSTERS/ HEPARITIN SULFATE, analysis/ HYALURONIC ACID, analysis/ TRYPSIN, pharmacodynamics

360. **Atik M:** Platelet dysfuction after intravenous infusion of fat emulsion. Acta Chir Scand [Suppl] (466):68–9, 1976
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELET DISORDERS, etiology/ *DIETARY FATS, adverse effects/ DOGS/ EMULSIONS/ FIBRINOGEN, analysis/ HEMODYNAMICS/ *PARENTERAL FEEDING, adverse effects/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ RESPIRATORY INSUFFICIENCY, etiology

361. **Atkins ED, Neiduszynski IA:** Heparin: crystalline structures of the sodium and calcium salts. pp. 21–35. In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
CALCIUM/ *HEPARIN/ MOLECULAR CONFORMATION/ MOLECULAR MODELS/ MONOGRAPH/ SODIUM/ X-RAY DIFFRACTION

362. **Atkins ED, Nieduszynski IA:** Effect of alpha-L-iduronate conformation on the molecular shape of heparin. Fed Proc 36(1):78–83, Jan 77
DISACCHARIDES/ *HEPARIN/ HEPARITIN SULFATE/ *IDURONIC ACID/ MOLECULAR CONFORMATION/ MOLECULAR MODELS/ *URONIC ACIDS/ X-RAY DIFFRACTION

363. **Atkinson JP, Udey MC, Wedner HJ, et al:** Studies on the stimulation of cAMP metabolism by heparin solutions containing benzyl alcohol. J Cyclic Nucleotide Res 2(4):297–305, Jul-AUG 76
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ *BENZYL ALCOHOLS, pharmacodynamics/ *BENZYL COMPOUNDS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ GRANULOCYTES, drug effects/ GRANULOCYTES, metabolism/ *HEPARIN, pharmacodynamics/ HUMAN/ KINETICS/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, metabolism/ MACROPHAGES, drug effects/ MACROPHAGES, metabolism/ NEUTROPHILS, drug effects/ NEUTROPHILS, metabolism/ ORGAN SPECIFICITY/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

364. **Atkinson JP, Sullivan TJ, Kelly JP, et al:** Stimulation by alcohols of cyclic AMP metabolism in human leukocytes. Possible role of cyclic AMP in the anti-inflammatory effects of ethanol. J Clin Invest 60(2):284–94, Aug 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENYL CYCLASE, blood/ *ALCOHOL, ETHYL, pharmacodynamics/ *ALCOHOLS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CELL MEMBRANE, enzymology/ EPINEPHRINE, pharmacodynamics/ GRANULOCYTES, drug effects/ GRANULOCYTES, metabolism/ HUMAN/ IMMUNITY/ INFLAMMATION/ KINETICS/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, metabolism/ MICROSOMES, enzymology/ PROSTAGLANDINS E, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ T-LYMPHOCYTES, drug effects/ T-LYMPHOCYTES, metabolism/ THEOPHYLLINE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

365. **Atlas SA, Vesell ES, Nebert DW:** Genetic control of interindividual variations in the inducibility of aryl hydrocarbon hydroxylase in cultured human lymphocytes. Cancer Res 36(12):4619–30, Dec 76
ADOLESCENCE/ ADULT/ ANTIPYRINE, blood/ ARYL HYDROCARBON HYDROXYLASES, analysis/ *ARYL HYDROCARBON HYDROXYLASES, biosynthesis/ BISHYDROXYCOUMARIN, blood/ CELLS, CULTURED/ CULTURE MEDIA/ ENZYME INDUCTION, drug effects/ FEMALE/ *GENES/ HALF-LIFE/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, enzymology/ MALE/ METHYLCHOLANTHRENE, pharmacodynamics/ MIDDLE AGE/ MITOGENS, pharmacodynamics/ PHENYLBUTAZONE, blood/ SEASONS/ TWINS, DIZYGOTIC/ TWINS, MONOZYGOTIC

366. **Aubry M, Bieth J:** Kinetics of the inactivation of human and bovine trypsins and chymotrypsins by alpha1-proteinase inhibitor and of their reactivation by alpha2-macroglobulin. Clin Chim Acta 78(3):371–80, 1 Aug 77
*ALPHA MACROGLOBULINS, pharmacodynamics/ ALPHA 1-ANTITRYPSIN, metabolism/ CATTLE/ CHYMOTRYPSIN, antagonists & inhibitors/ *CHYMOTRYPSIN, metabolism/ ENZYME ACTIVATION/ HUMAN/ KINETICS/ PROTEIN BINDING/ *TRYPSIN INHIBITORS, metabolism/ *TRYPSIN, metabolism

367. **Audain VP, Quigley JH, Vethamany S, et al:** Immunological studies of human anterior uveitis. Can J Ophthalmol 12(1):12–5, Jan 77
*AUTOANTIBODIES/ AUTOANTIBODIES, analysis/ *COMPLEMENT 3/ COMPLEMENT 3, analysis/ COMPLEMENT 4/ *COMPLEMENT/ COMPLEMENT, analysis/ FIBRINOGEN/ HUMAN/ *IGG/ IGG, analysis/ *IRIDOCYCLITIS, immunology/ IRIS, immunology/ LYMPHOCYTES, immunology

368. **Auel H, Martin M:** Plasminogengehalt in Human-Fibrinogen-Präparationen verschiedener Hersteller. J Clin Chem Clin Biochem 15(7):397–9, Jul 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ HUMAN/ METHODS/ *PLASMINOGEN, analysis/ QUALITY CONTROL

369. **Auer L, Petek W:** Serum globulin changes in patients with craniocerebral trauma. J Neurol Neurosurg Psychiatry 39(11):1076–80, Nov 76
*BETA GLOBULINS, analysis/ BLOOD PROTEINS, analysis/ *BRAIN INJURIES, ACUTE, blood/ FEMALE/ GAMMA GLOBULINS, analysis/ *HEAD INJURIES, blood/ HEMATOMA, blood/ HUMAN/ MALE/ PROGNOSIS/ SERUM ALBUMIN, analysis/ TIME FACTORS

370. **Augusti-Tocco G, Chiarugi VP:** Surface glycosaminoglycans as a differentiation cofactor in neuroblastoma cell cultures. Cell Differ 5(3):161–70, Oct 76
CELL DIFFERENTIATION/ CELL LINE/ CELL MEMBRANE, analysis/ HEPARITIN SULFATE, analysis/ *HEPARITIN SULFATE, physiology/ HYALURONIDASE/ *MUCOPOLYSACCHARIDES, physiology/ *NEURONS, cytology/ NEURONS, ultrastructure/ POLYSACCHARIDE-LYASES/ TRYPSIN

371. **Augustyniak W, Judkiewicz L, Romanowska-Gorecka B, et al:** Rozsiane krzepnięcie srodnaczyniowe i mikroangiopatyczna niedokrwistosc hemolityczna w przebiegu uogolnionego raka zołądka Wiad Lek 29(24):2219–24, 15 Dec 76 (Eng. Abstr.) **(Pol)**
ADULT/ *ANEMIA, HEMOLYTIC, etiology/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ NEOPLASM METASTASIS/ *STOMACH NEOPLASMS, complications

372. **Aumailley M, Drouillet F, Bricaud H:** Galactosyl transferase assay. Application to experimental atherosclerosis. Pathol Biol (Paris) 24 Suppl:33–6, Dec 76
AMINOPROPIONITRILE, pharmacodynamics/ ANIMAL/ *AORTA, enzymology/ *ARTERIOSCLEROSIS, enzymology/ *ATHEROSCLEROSIS, enzymology/ COLLAGEN, metabolism/ DIET,

ATHEROGENIC/ DISEASE MODELS, ANIMAL/ ENZYME ACTIVATION/ *GALACTOSYLTRANSFERASES, analysis/ GALACTOSYLTRANSFERASES, metabolism/ LATHYRISM/ MANGANESE, pharmacodynamics/ RABBITS/ STIMULATION, CHEMICAL/ URIDINE DIPHOSPHATE GALACTOSE, metabolism

373. **Auscher C, Amory N, Pasquier C, et al:** Localization of xanthine oxidase acitivty in hepatic tissue. A new histochemical method. Adv Exp Med Biol 76A:605–9, 1977
ANIMAL/ FEMALE/ *HISTOCYTOCHEMISTRY, methods/ INTESTINAL MUCOSA, enzymology/ JEJUNUM/ *LIVER, enzymology/ NITROBLUE TETRAZOLIUM/ POLYVINYL ALCOHOL/ RATS/ VITAMIN K, metabolism/ *XANTHINE OXIDASE, metabolism

374. **Ausiello D, Handler J, Orloff J:** Effect of parathyroid hormone and cyclic AMP on protein phosphorylation in rabbit kidney cortex. Biochim Biophys Acta 451(2):372–81, 21 Dec 76
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL/ EDTA, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ KIDNEY CORTEX, drug effects/ *KIDNEY CORTEX, metabolism/ KIDNEY TUBULES, drug effects/ *KIDNEY TUBULES, metabolism/ KINETICS/ MALE/ MOLECULAR WEIGHT/ *PARATHYROID HORMONE, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ *PHOSPHOPROTEINS, biosynthesis/ RABBITS/ RIBONUCLEASE, metabolism

375. **Aust JC, Rabuzzi D, Reed G:** Tissue-cultured head and neck tumors: their use in in vitro assays of immune response. Trans Am Acad Ophthalmol Otolaryngol 84(3 Pt. 2):ORL602–8, May–Jun 77
ADENOCARCINOMA, immunology/ CARCINOMA, BASAL CELL, immunology/ CARCINOMA, EPIDERMOID, immunology/ CLOSTRIDIOPEPTIDASE A/ *HEAD AND NECK NEOPLASMS, immunology/ HUMAN/ *IMMUNITY/ IMMUNITY, CELLULAR/ LYMPHOSARCOMA, immunology/ MELANOMA, immunology/ *TISSUE CULTURE/ TISSUE CULTURE, methods/ TRYPSIN

376. **Austen BM, Smith EL:** Action of staphylococcal proteinase on peptides of varying chain length and composition. Biochem Biophys Res Commun 72(2):411–7, 20 SEP 76
AMINO ACID SEQUENCE/ GLUTAMATE DEHYDROGENASE/ GLUTAMATES/ MOLECULAR WEIGHT/ NEUROSPORA CRASSA, enzymology/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDE HYDROLASES, metabolism/ *PEPTIDES/ *STAPHYLOCOCCUS AUREUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

377. **Austen BM, Smyth DG:** Specific cleavage of lipotropin C-fragment by endopeptidases; evidence for a preferred conformation. Biochem Biophys Res Commun 77(1):86–94, 11 Jul 77
ANIMAL/ *ENDORPHINS/ *ENKEPHALINS/ *LIPOTROPIN/ *OLIGOPEPTIDES/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ *PEPTIDES/ PITUITARY GLAND/ PROTEIN CONFORMATION/ SWINE

378. **Austen KF, Wasserman SI, Goetzl EJ:** Mast cell-derived mediators: structural and functional diversity and regulation of expression. pp. 293–320.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (104 ref.)
ANAPHYLAXIS, immunology/ ANIMAL/ ARYLSULFATASES, pharmacodynamics/ CHEMOTAXIS, LEUKOCYTE/ CHROMATOGRAPHY, GEL/ ENZYME ACTIVATION, drug effects/ EOSINOPHILS, immunology/ HEPARIN, immunology/ HUMAN/ IGE/ IMMUNITY/ IMMUNITY, CELLULAR/ *MAST CELLS, immunology/ MONOGRAPH/ NEUTROPHILS, immunology/ REVIEW/ SRS-A, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

379. **Auvert J, Méchali P:** Auto-transplantation rénale ou transposition iliaque du rein après section de son pédicule vasculaire. A propos de 2 cas personnels. Revue des 100 cas publiés J Urol Nephrol (Paris) 82(7–8):555–79, Jul–Aug 76 (Eng. Abstr.) **(Fre)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, RENAL, surgery/ ILIAC VEIN, surgery/ *KIDNEY, transplantation/ MALE/ METHODS/ PERFUSION/ *RENAL ARTERY OBSTRUCTION, surgery/ RENAL ARTERY, surgery/ RETROPERITONEAL FIBROSIS, surgery/ THROMBOSIS, surgery/ TRANSPLANTATION, AUTOLOGOUS/ URETER, surgery/ URETERAL OBSTRUCTION, surgery

380. **Avakian SM:** Sluchaĭ sarkomatoznoĭ arakhnoendoteliomy srednego ukha Vestn Otorinolaringol (6):66–7, Nov–Dec 76 **(Rus)**
ADOLESCENCE/ CASE REPORT/ *EAR NEOPLASMS/ EAR NEOPLASMS, diagnosis/ *EAR, MIDDLE/ *HEMANGIOENDOTHELIOMA/ HEMANGIOENDOTHELIOMA, diagnosis/ HUMAN/ MALE

381. **Avanzini G, Broggi G, Caraceni T:** Intention and action myoclonus from thalamic angioma. Report of a case. Eur Neurol 15(4):194–202, 1977
ADULT/ *BRAIN NEOPLASMS, complications/ BRAIN NEOPLASMS, diagnosis/ CASE REPORT/ CEREBRAL ANGIOGRAPHY/ *HEMANGIOMA, complications/ HEMANGIOMA, diagnosis/ HUMAN/ MALE/ MYOCLONUS, diagnosis/ *MYOCLONUS, etiology/ *THALAMUS

382. **Avdeeva RA:** Opredeleniie krovianoĭ khimery po sisteme Rh-Hr s pomoshch'iu fermentov Lab Delo (11):669–72, 1976 **(Rus)**
AGGLUTINATION/ *CHIMERA/ COMPARATIVE STUDY/ ERYTHROCYTES, drug effects/ *FICIN, diagnostic use/ HUMAN/ METHODS/ *MOSAICISM/ *PEPTIDE HYDROLASES, diagnostic use/ *PEPTIDE PEPTIDOHYDROLASES, diagnostic use/ *RH-HR BLOOD-GROUP SYSTEM

383. **Averback P, Moinuddin M:** Pericarditis as a manifestation of essential thrombocythemia. Can Med Assoc J 117(2):154–6, 23 Jul 77
CASE REPORT/ FEMALE/ HEMATOPOIESIS/ HUMAN/ LIVER, pathology/ MIDDLE AGE/ *PERICARDITIS, complications/ PERICARDIUM, pathology/ SPLEEN, pathology/ *THROMBOCYTOSIS, complications

384. **Avikainen V:** A study of disseminated intravascular coagulation with the ethanol gelation test in severely injured patients. Ann Chir Gynaecol 66(2):82–6, 1977
*ALCOHOL, ETHYL, diagnostic use/ BLOOD CELL COUNT/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD PROTEINS, analysis/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EVALUATION STUDIES/ GELS/ HEMATOCRIT/ HEMOGLOBINS, analysis/ HUMAN/ METHODS/ TIME FACTORS/ *WOUNDS AND INJURIES, complications

385. **Avila JL, Convit J:** Physicochemical characteristics of the glycosaminoglycan-lysosomal enzyme interaction in vitro. A model of control of leucocytic lysosomal activity. Biochem J 160(2):129–36, 15 Nov 76
ACID PHOSPHATASE, metabolism/ CHONDROITIN SULFATES, metabolism/ *GLYCOSAMINOGLYCANS, metabolism/ HEPARIN, metabolism/ HYDROGEN-ION CONCENTRATION/ HYDROLASES, antagonists & inhibitors/ *HYDROLASES, metabolism/ *LEUKOCYTES, enzymology/ LEUKOCYTES, ultrastructure/ *LYSOSOMES, enzymology/ OSMOLAR CONCENTRATION/

TEMPERATURE/ TIME FACTORS

386. **Avnur Z, Nathan I, Dvilansky A, et al:** Plasma constituent (s) inhibiting platelet adhesiveness. Isr J Med Sci 13(3):264–71, Mar 77
ADULT/ AGED/ ANTICOAGULANTS, pharmacodynamics/ CHROMATOGRAPHY/ ERYTHROCYTES/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ MIDDLE AGE/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects

387. **Avogaro P, Belussi F:** Lipoprotein-lipase activation by an extractive heparinoid (glucuronoglucosaminoglycan). Pharmacol Res Commun 9(4):391–6, Apr 77
ADULT/ ENZYME INDUCTION, drug effects/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *GLYCOSAMINOGLYCANS, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ MIDDLE AGE/ TIME FACTORS

388. **Awad WM Jr, Brew K, Powell JT, et al:** The proteolytic enzymes of the K-1 strain of Streptomyces griseus obtained from a commercial preparation (Pronase). XI. Evolutionary implications. pp. 77–91.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)
CARBOXYPEPTIDASES, metabolism/ CATIONS, DIVALENT/ *EVOLUTION/ KINETICS/ MOLECULAR WEIGHT/ MONOGRAPH/ *PEPTIDE HYDROLASES, metabolism/ PHENANTHROLINES, pharmacodynamics/ *PRONASE, metabolism/ REVIEW/ *STREPTOMYCES GRISEUS, enzymology/ SUBTILISINS, metabolism/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

389. **Awan KJ:** Dacryohemorrhea: the phenomenon of tears of blood. Va Med Mon 103(9):643–5, Sep 76
ADULT/ CASE REPORT/ *CONJUNCTIVITIS, INCLUSION, complications/ *EYE NEOPLASMS, complications/ FEMALE/ HEMANGIOMA, complications/ *HEMORRHAGE, etiology/ HUMAN/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ PAPILLOMA, complications/ *TEARS

390. **Axelsson G, Korsan-Bengtsen K, Waldenström J:** Prothrombin determination by means of a chromogenic peptide substrate. Thromb Haemostas 36(3):517–24, 31 Dec 76
BISHYDROXYCOUMARIN, pharmacodynamics/ ENZYME ACTIVATION/ HUMAN/ METHODS/ PEPTIDE FRAGMENTS/ *PROTHROMBIN, analysis/ SPECTROPHOTOMETRY, methods/ THROMBOPLASTIN

391. **Ayad SR, Delinassios JG:** Fractionation of Sendai virus RNA by polylysine-Kieselguhr column chromatography. J Chromatogr 130:396–8, 11 Jan 77
CAPSID, metabolism/ CHROMATOGRAPHY/ KIESELGUHR/ METHODS/ *PARA-INFLUENZA VIRUS TYPE 1, analysis/ PEPTIDE HYDROLASES, metabolism/ POLYLYSINE/ *RNA, VIRAL, isolation & purification

392. **Ayella RJ, Hankins JR, Turney SZ, et al:** Ruptured thoracic aorta due to blunt trauma. J Trauma 17(3):199–205, Mar 77
AORTA, THORACIC/ *AORTIC RUPTURE, etiology/ AORTIC RUPTURE, radiography/ AORTIC RUPTURE, surgery/ AORTOGRAPHY/ HEMATOMA, diagnosis/ HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ *THORACIC INJURIES, complications/ WOUNDS, NONPENETRATING

393. **Aymard JP, Duheille J, Bibas H, et al:** Un nouveau cas de myélome à IgD révélé par un purpura cervico-facial. Nouv Presse Med 6(27):2441, 2–9 Jul 77 **(Fre)**
AGED/ CASE REPORT/ HUMAN/ *IGD/ MALE/ *MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, immunology/ *PURPURA, complications

394. **Azaz B, Lustmann J:** Central hemangioma of the maxilla. Int J Oral Surg 5(5):240–4, Oct 76
ADOLESCENCE/ CASE REPORT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ *MAXILLARY NEOPLASMS/ MAXILLARY NEOPLASMS, diagnosis/ MAXILLARY NEOPLASMS, radiography/ MAXILLARY NEOPLASMS, surgery

395. **Azelvandre F, Oiknine C:** Effet fahraeus et effet fahraeus-lindqvist: résultats expérimentaux et modèles théoriques Biorheology 13(6):325–35, Dec 76 (Eng. Abstr.) **(Fre)**
BLOOD FLOW VELOCITY/ *BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ ENGLISH ABSTRACT/ HEMATOCRIT/ HUMAN/ IN VITRO/ *MODELS, BIOLOGICAL/ RHEOLOGY

396. **Aznar J, Hernandez A, Parrilla JJ, et al:** Changes in human amniotic fluid fibrinolytic inhibitor levels during pregnancy. Thromb Haemostas 35(2):382–5, 30 Apr 76
*AMNIOTIC FLUID, analysis/ *ANTIFIBRINOLYTIC AGENTS, analysis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EMBOLISM, AMNIOTIC FLUID, complications/ FEMALE/ HUMAN/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, etiology/ PREGNANCY TRIMESTER, THIRD/ *PREGNANCY

397. **Aznar J, Estelles A, Gilabert J, et al:** Valoración de los inhibidores de la estreptoquinasa en relación con la edad Sangre (Barc) 21(4):782–5, 1976 (Eng. Abstr.) **(Spa)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *ENZYME INHIBITORS, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *STREPTOKINASE, antagonists & inhibitors/ STREPTOKINASE, blood

398. **Aznar J, Jimenez C, Villa P:** A technique for the evaluation of platelet-collagen adhesiveness in vitro. Haemostasis 5(5):318–27, 1976
BLOOD CELL COUNT/ *BLOOD PLATELETS/ *COLLAGEN, metabolism/ HUMAN/ *PLATELET ADHESIVENESS/ PLATELET AGGREGATION

B

399. **Baadenhuijsen H, Seuren-Jacobs HE, Jansen AP:** Continuous-flow determination of serum inorganic phosphate with a single reagent--the vanadomolybdate method re-evaluated. Clin Chem 23(7):1275–80, Jul 77
ACIDS/ ANTICOAGULANTS, pharmacodynamics/ BILIRUBIN, pharmacodynamics/ CHLORPROMAZINE, pharmacodynamics/ EVALUATION STUDIES/ HEMOLYSIS/ HUMAN/ METHODS/ MOLYBDENUM, diagnostic use/ *PHOSPHATES, blood/ SALICYLAZOSULFAPYRIDINE, pharmacodynamics/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ TURBIDIMETRY/ VANADIUM, diagnostic use

400. **Baar AJ, Heybroek G:** Therapeutic problems with giant congenital pigmented nevi. Dermatologica 154(5):305–8, 1977
ADOLESCENCE/ ADULT/ ANGIONEUROTIC EDEMA, enzymology/ CHILD/ FEMALE/ HUMAN/ MALE/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *SKIN DISEASES, enzymology/ URTICARIA, enzymology

401. **Baark H:** Medikamenteneinnahme und Zeitverschiebung Lebensversicherungsmedizin 28(5):124–31, Sep 76 **(Ger)**
*ANTICOAGULANTS, administration & dosage/ AVIATION MEDICINE/ CIRCADIAN RHYTHM/ *CONTRACEPTIVES, ORAL, administration & dosage/ FEMALE/ HUMAN/ *INSULIN, administration & dosage/ MALE/ TIME FACTORS/ *TRAVEL

402. **Baba N, von Haam E:** Tumours of the vagina, uterus, placenta and oviduct. IARC Sci Publ 1(6 Pt 2):161–88, 1977 (102 ref.)
ADENOCARCINOMA, pathology/ ANIMAL/ CARCINOGENS/ CARCINOMA, EPIDERMOID,

pathology/ CHORIOCARCINOMA, pathology/ *FALLOPIAN TUBE NEOPLASMS, pathology/ FEMALE/ FIBROSARCOMA, pathology/ HEMANGIOMA, pathology/ LEIOMYOMA, pathology/ LEIOMYOSARCOMA, pathology/ MYXOSARCOMA, pathology/ NEOPLASMS, EXPERIMENTAL, etiology/ NEOPLASMS, EXPERIMENTAL, pathology/ PAPILLOMA, pathology/ *PLACENTA/ PRECANCEROUS CONDITIONS, pathology/ PREGNANCY/ RATS/ REVIEW/ SARCOMA, pathology/ SEX HORMONES, pharmacodynamics/ UTERINE NEOPLASMS, etiology/ *UTERINE NEOPLASMS, pathology/ VAGINAL NEOPLASMS, etiology/ *VAGINAL NEOPLASMS, pathology

403. **Babeau P, Pras P:** Traitement par l'urokinase du syndrome de menace et de l'infarctus du myocarde à sa phase aiguë Ann Med Interne (Paris) 128(2):219–25, Feb 77 **(Fre)**
ADULT/ AGED/ FEMALE/ FIBRINOGEN, metabolism/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, prevention & control/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ UROKINASE, adverse effects/ UROKINASE, pharmacodynamics/ *UROKINASE, therapeutic use

404. **Babel J:** Traitement des thromboses des vaisseaux rétiniens Klin Monatsbl Augenheilkd 170(2):211–9, Feb 77 (Eng. Abstr.) **(Fre)**
ANTICOAGULANTS, therapeutic use/ BLOOD VISCOSITY, drug effects/ CELL AGGREGATION, drug effects/ CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, therapeutic use/ GLAUCOMA, surgery/ HUMAN/ LASER COAGULATION/ *RETINAL ARTERY/ RETINAL DISEASES, drug therapy/ RETINAL DISEASES, surgery/ *RETINAL VEIN/ *THROMBOSIS, drug therapy/ THROMBOSIS, surgery/ VASODILATOR AGENTS, therapeutic use

405. **Babenkova SV, Velikanov II, Eremeev IuN:** Patogeneticheskie osnovy lecheniia i profilaktiki prekhodiashchikh narusheniĭ mozgovogo krovoobrashcheniia Zh Nevropatol Psikhiatr 76(8):1232–46, 1976 **(Rus)**
ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ ARTERIES/ ATHEROSCLEROSIS, complications/ ATHEROSCLEROSIS, surgery/ BATHS/ CEREBRAL ARTERIOSCLEROSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ *CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, prevention & control/ CEREBRAL ISCHEMIA, TRANSIENT, therapy/ HEALTH RESORTS/ HUMAN/ HYPERTENSION, complications/ HYPERTENSION, therapy/ RISK/ SPASM, complications/ VASODILATOR AGENTS, therapeutic use

406. **Babikova RA, Bliumkin VN, Shal'nev BI, et al:** Kletochnye kul'tury iz podzheludochnoĭ zhelezy plodov krupnogo rogatogo skota, poluchennye s primeneniem kollalitina Biull Eksp Biol Med 83(3):350–3, Mar 77 (Eng. Abstr.) **(Rus)**
CATTLE/ CELL SEPARATION/ *CELLS, CULTURED/ CLOSTRIDIOPEPTIDASE A/ ENGLISH ABSTRACT/ *ISLANDS OF LANGERHANS, embryology/ TRYPSIN

407. **Babin JP, Allain D, Demarquez JL, et al:** Les kystes de la surrénale chez le nouveau-né. A propos de deux observations Arch Fr Pediatr 34(2):130–42, Feb 77 (Eng. Abstr.) **(Fre)**
*ADRENAL GLAND DISEASES, congenital/ ADRENAL GLAND HYPOFUNCTION, etiology/ ADRENAL GLAND NEOPLASMS, congenital/ *ADRENAL GLANDS, blood supply/ ADRENAL GLANDS, pathology/ ADRENALECTOMY/ ANGIOGRAPHY/ CASE REPORT/ *CYSTS, congenital/ ENGLISH ABSTRACT/ *HEMANGIOMA, congenital/ HEMATOMA, complications/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ INFARCTION, complications/ KIDNEY, blood supply/ MALE/ STREPTOCOCCAL INFECTIONS, complications/ UROGRAPHY

408. **Babka R, Colby C, El-Etr A, et al:** Monitoring of intraoperative heparinization and blood loss following cardiopulmonary bypass surgery.
J Thorac Cardiovasc Surg 73(5):780–2, May 77
BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ *CARDIOPULMONARY BYPASS/ *HEART SURGERY/ *HEMORRHAGE, etiology/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ MONITORING SYSTEMS/ PROTAMINES, blood

409. **Babris IV:** Kompleksnoe lechenie ostrogo pankreatita Khirurgiia (Mosk) (3):77–9, Mar 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ENGLISH ABSTRACT/ HUMAN/ HYPOTHERMIA, INDUCED/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PANCREATITIS, drug therapy/ PANCREATITIS, surgery/ *PANCREATITIS, therapy/ PENICILLINS, therapeutic use

410. **Babson JR, Reed DJ, Sinkey MA:** Active site specific inactivation of chymotrypsin by cyclohexyl isocyanate formed during degradation of the carcinostatic 1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea.
Biochemistry 16(8):1584–9, 19 Apr 77
BINDING SITES/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ *CYANATES/ CYANATES, pharmacodynamics/ KINETICS/ *LOMUSTINE, metabolism/ *NITROSOUREA COMPOUNDS, metabolism/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

411. **Bach CS, Jasani MK:** Role of lymphocytes in accumulation of fibrin in rabbit skin homografts [proceedings].
Br J Pharmacol 58(2):292P–293P, Oct 76
ANIMAL/ COMPARATIVE STUDY/ *FIBRIN, metabolism/ *LYMPHOCYTES, physiology/ RABBITS/ SKIN, metabolism/ *SKIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

412. **Bacharach AD, Markland FS, Pellino A, et al:** Modification of yeast 3-phosphoglycerate kinase: isolation and sequence determination of a nitrated active-site peptide and isolation of a carboxyl modified active-site peptide.
Biochem Biophys Res Commun 74(1):165–71, 10 Jan 77
AMINO ACID SEQUENCE/ BINDING SITES/ CHYMOTRYPSIN/ NITRO COMPOUNDS/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOGLYCERATE KINASE/ PHOSPHOGLYCERATE KINASE, metabolism/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SACCHAROMYCES CEREVISIAE, enzymology/ TYROSINE, analysis/ X-RAY DIFFRACTION

413. **Bachmann F, McKenna R, Meredith P, et al:** Intermittierende pneumatische Kompression von Unter- und Oberschenkel' eine neue erfolgreiche Methode zur postoperativen Thromboseprophylaxe Schweiz Med Wochenschr 106(50):1819–21, 11 Dec 76 (Eng. Abstr.) **(Ger)**
*AIR PRESSURE/ AIR PRESSURE, instrumentation/ AIR PRESSURE, methods/ ARTHROPLASTY/ *ATMOSPHERIC PRESSURE/ ATMOSPHERIC PRESSURE, methods/ ENGLISH ABSTRACT/ HIP, surgery/ HUMAN/ KNEE, surgery/ POSTOPERATIVE COMPLICATIONS/ *THROMBOSIS, prevention & control

414. **Bachmann K, Shapiro R, Mackiewicz J:** Influence of renal dysfunction on warfarin plasma protein binding.
J Clin Pharmacol 16(10 Pt 1):468–72, Oct 76
ADULT/ *BLOOD PROTEINS, metabolism/ BLOOD UREA NITROGEN/ CREATININE, metabolism/ FEMALE/ HUMAN/ *KIDNEY DISEASES, metabolism/ MALE/ PROTEIN BINDING/ *WARFARIN, blood

415. **Bachmann K:** Total cineangiography. pp. 37–42.
In: Lichtlen PR, ed. Coronary angiography and angina pectoris. Stuttgart, Thieme, 1976. WG 300 C819 1975.
*ARTERIAL OCCLUSIVE DISEASES, radiography/ BRACHIAL ARTERY/

CATHETERIZATION, methods/ *CINEANGIOGRAPHY, methods/ FEMORAL ARTERY/ HUMAN/ MONOGRAPH/ THROMBOEMBOLISM, mortality

416. **Bachmann K, Shapiro R, Mackiewicz J:** Warfarin elimination and responsiveness in patients with renal dysfunction. J Clin Pharmacol 17(5–6):292–9, May–Jun 77
ADULT/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HALF-LIFE/ HUMAN/ *KIDNEY DISEASES, blood/ KINETICS/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ SERUM ALBUMIN, metabolism/ TIME FACTORS/ *WARFARIN, blood/ WARFARIN, pharmacodynamics

417. **Bachmann K, Shapiro R:** Protein binding of coumarin anticoagulants in disease states. Clin Pharmacokinet 2(2):110–26, Mar–Apr 77 (096 ref.)
BLOOD PROTEINS, metabolism/ *COUMARINS, blood/ COUMARINS, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ HEART FAILURE, CONGESTIVE, blood/ HUMAN/ HYPERBILIRUBINEMIA, blood/ HYPERTHYROIDISM, blood/ KIDNEY DISEASES, blood/ KINETICS/ LIVER DISEASES, blood/ PROTEIN BINDING/ REVIEW/ SERUM ALBUMIN, metabolism

418. **Bachmann O:** Hämophiler Pseudotumor, verkannt als reticuläres Sarkom Helv Chir Acta 43(5–6):649–54, Dec 76 **(Ger)**
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC ERRORS/ *HEMATOMA, diagnosis/ HEMATOMA, radiotherapy/ HEMOPHILIA, complications/ HEMOPHILIA, radiotherapy/ HUMAN/ MALE/ RADIATION INJURIES, surgery/ *SARCOMA, RETICULUM CELL, diagnosis/ SKIN ULCER, etiology/ SKIN ULCER, surgery

419. **Bachmann O:** Hämophiler Pseudotumor, verkannt als retikuläres Sarkom Helv Chir Acta 43(5–6):649–54, Dec 76 **(Ger)**
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FOLLOW-UP STUDIES/ *HEMATOMA, diagnosis/ *HEMOPHILIA, complications/ HUMAN/ MALE/ *SARCOMA, RETICULUM CELL, diagnosis

420. **Bachorik PS, Wood PD, Albers JJ, et al:** Plasma high-density lipoprotein cholesterol concentrations determined after removal of other lipoproteins by heparin/manganese precipitation or by ultracentrifugation. Clin Chem 22(11):1828–34, Nov 76
*CHOLESTEROL, blood/ COMPARATIVE STUDY/ *HEPARIN/ HUMAN/ *LIPOPROTEINS, blood/ *LIPOPROTEINS, HDL, blood/ *MANGANESE/ METHODS/ ULTRACENTRIFUGATION, methods/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

421. **Bäck E, Höglund C, Malmlund HO:** Cytomegalovirus infection associated with severe encephalitis. Scand J Infect Dis 9(2):141–3, 1977
ADULT/ CASE REPORT/ *CYTOMEGALIC INCLUSION DISEASE, complications/ CYTOMEGALIC INCLUSION DISEASE, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ENCEPHALITIS, EPIDEMIC, etiology/ FEMALE/ HUMAN

422. **Back N, Steger R, Ihm JH:** Low molecular weight organic acids as inhibitors of kinin-forming activity of a rodent tumor acid protease and human plasma kallikrein. Pharmacol Res Commun 8(1):31–42, Feb 76
ANIMAL/ BIOLOGICAL ASSAY/ CAPROATES, pharmacodynamics/ *CARBOXYLIC ACIDS, pharmacodynamics/ CINNAMATES, pharmacodynamics/ HUMAN/ INDOLEACETIC ACIDS, pharmacodynamics/ *KALLIKREIN, antagonists & inhibitors/ KALLIKREIN, blood/ KETOGLUTARIC ACIDS, pharmacodynamics/ *KININS, biosynthesis/ LACTATES, pharmacodynamics/ LYMPHOSARCOMA, enzymology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENYLACETATES, pharmacodynamics/ PHENYLPYRUVIC ACIDS, pharmacodynamics/ PROPIONIC ACIDS, pharmacodynamics/ RATS/ SARCOMA, EXPERIMENTAL, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

423. **Bade ML, Stinson A:** Activation of cuticle chitinase: a probable new instance of activation by partial proteolysis. p. 391.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
ANIMAL/ *CHITINASE, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LARVA, enzymology/ *LEPIDOPTERA, enzymology/ MONOGRAPH/ *MOTHS, enzymology/ SKIN, enzymology/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

424. **Baele G, Thiery M, Vermeulen A, et al:** Inhibitory effect of acetylsalicylic acid on human platelet function in normal volunteers and in women using a combined oral contraceptive regime. Thromb Haemostas 36(3):623–7, 31 Dec 76
ADULT/ *ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *CONTRACEPTIVES, ORAL, COMBINED, pharmacodynamics/ DRUG INTERACTIONS/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ LYNESTRENOL, pharmacodynamics/ MALE/ PLATELET AGGREGATION, drug effects/ SEROTONIN, blood/ TIME FACTORS

425. **Baele G, Matthijs E, Barbier F:** Antihaemophilic factor A activity, F VIII-related antigen and von Wilebrand factor in hepatic cirrhosis. Acta Haematol (Basel) 57(5):290–7, 1977
ANTIGENS, analysis/ *BLOOD COAGULATION FACTORS, analysis/ *FACTOR VIII/ FACTOR VIII, analysis/ FEMALE/ HUMAN/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, immunology/ MALE/ *VON WILLEBRAND FACTOR, analysis

426. **Baenkler HW:** Immunologisch bedingte Systemerkrankungen Fortschr Med 95(14):963–6, 14 Apr 77 (Eng. Abstr.) **(Ger)**
ANAPHYLAXIS, diagnosis/ BLOOD TRANSFUSION, adverse effects/ ENGLISH ABSTRACT/ GRAFT VS HOST REACTION/ GRANULOMATOUS DISEASE, CHRONIC, diagnosis/ HUMAN/ HYPERSENSITIVITY, diagnosis/ IGE/ IGG/ *IMMUNOLOGIC DISEASES, diagnosis/ IMMUNOLOGIC DISEASES, physiopathology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ PURPURA, immunology/ SERUM SICKNESS, diagnosis/ SJOGREN'S SYNDROME, diagnosis

427. **Baert AL, Bollaert A, Févery J, et al:** Aspects angiographiques de l'hypertension portale chez l'enfant J Radiol Electrol Med Nucl 10(57):707–10, Oct 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTENSION, PORTAL, radiography/ MALE/ *MESENTERIC ARTERIES, radiography/ METHODS/ PORTAL VEIN, abnormalities/ *PORTAL VEIN, radiography/ *THROMBOPHLEBITIS, radiography

428. **Bagby GJ, Liu MS, Spitzer JA:** Lipoprotein lipase activity in rat heart myocytes. Life Sci 21(3):467–73, 1 Aug 77
ANIMAL/ BLOOD/ LACTATES, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ MYOCARDIUM, cytology/ *MYOCARDIUM, metabolism/ PALMITATES, metabolism/ PROTAMINES, pharmacodynamics/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

429. **Bagdy D, Barabas E, Gráf L, et al:** Hirudin. Methods Enzymol 45:669–78, 1976
AMINO ACID SEQUENCE/ ANIMAL/ BINDING SITES/ DISULFIDES, analysis/ DITHIOTHREITOL/ *HIRUDIN/ HIRUDIN, isolation & purification/ LEECHES/ METHODS/

MOLECULAR WEIGHT/ PROTEIN BINDING/ PROTEIN CONFORMATION

430. **Baghurst KI, Raj MJ, Truswell AS:** Onions and platelet aggregation [letter]. Lancet 1(8002):101, 8 Jan 77
ADULT/ BLOOD COAGULATION TESTS/ BLOOD SUGAR, analysis/ COMPARATIVE STUDY/ *DIET/ DIETARY FATS, administration & dosage/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ *PLATELET AGGREGATION/ TRIGLYCERIDES, blood/ *VEGETABLES

431. **Baginsky ML, Brown WV:** Effects of monoolein on hydrolysis of triglyceride by lipoprotein lipase in the presence of an inhibitory apolipoprotein. Physiol Chem Phys 8(3):197–206, 1976
*APOLIPOPROTEINS, pharmacodynamics/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ DRUG INTERACTIONS/ *GLYCERIDES, pharmacodynamics/ HUMAN/ HYDROLYSIS/ IN VITRO/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ *LIPOPROTEIN LIPASE, metabolism/ MILK, enzymology/ TIME FACTORS/ *TRIGLYCERIDES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

432. **Baginsky ML, Brown WV:** Differential characteristics of purified hepatic triglyceride lipase and lipoprotein lipase from human postheparin plasma. J Lipid Res 18(4):423–37, Jul 77
APOLIPOPROTEINS, blood/ COMPARATIVE STUDY/ HEPARIN/ HUMAN/ HYDROLASES, metabolism/ HYPERLIPEMIA, blood/ KINETICS/ LIPASE, isolation & purification/ *LIPASE, metabolism/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, isolation & purification/ LIPOPROTEINS, VLDL, blood/ *LIVER, enzymology/ OLEIC ACIDS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

433. **Bagirov AM:** Diagnostika i khirurgicheskaia taktika pri ostrom tromboze bifurkatsii aorty Klin Khir (5):6–9, May 76 (Eng. Abstr.) **(Rus)**
AGED/ AORTA, ABDOMINAL/ AORTIC DISEASES, diagnosis/ *AORTIC DISEASES, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *THROMBOSIS, surgery

434. **Bahadir I, James EC, Fedde CW:** Soft tissue necrosis and gangrene complicating treatment with the coumarin derivatives. Surg Gynecol Obstet 145(4):497–500, Oct 77
ADULT/ CASE REPORT/ *COUMARINS, adverse effects/ COUMARINS, therapeutic use/ FEMALE/ *GANGRENE, chemically induced/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ INFARCTION, chemically induced/ MIDDLE AGE/ *NECROSIS, chemically induced/ PULMONARY EMBOLISM, drug therapy/ THROMBOPHLEBITIS, drug therapy/ TIME FACTORS/ WARFARIN, adverse effects/ WARFARIN, therapeutic use

435. **Bailey AR, Crow TJ, Johnstone EC, et al:** Platelet monoamine oxidase activity in patients with chronic schizophrenic illnesses untreated by neuroleptic drugs [proceedings]. Br J Clin Pharmacol 2(4):380P, Aug 75
ADULT/ AGED/ *BLOOD PLATELETS, enzymology/ CHRONIC DISEASE/ COMPARATIVE STUDY/ HUMAN/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ *SCHIZOPHRENIA, enzymology

436. **Bailey CJ, Atkins TW, Matty AJ:** Effect of sodium warfarin of plasma insulin estimations. Gen Pharmacol 7(1):63–5, 1976
ANIMAL/ GLUCOSE, pharmacodynamics/ HUMAN/ IN VITRO/ *INSULIN, blood/ INSULIN, secretion/ MALE/ PANCREAS, secretion/ RADIOIMMUNOASSAY/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS/ *WARFARIN, pharmacodynamics

437. **Bailey CJ, Geoffroy P, Mills KH:** An examination of the distribution of hen- and goose-type lysozymes in Anseriformes. Comp Biochem Physiol [B] 55(3B):429–33, 1976
ACETYLGLUCOSAMINE, pharmacodynamics/ ANIMAL/ *CHICKENS, metabolism/ COMPARATIVE STUDY/ DUCKS, metabolism/ EGG WHITE/ FEMALE/ *GEESE, metabolism/ KINETICS/ *MURAMIDASE, metabolism/ PHYLOGENY/ SPECIES SPECIFICITY/ TRYPSIN

438. **Bailey FJ:** A novel approach to the determination of soya protein in meat products using peptide analysis. Ugeskr Laeger 138(38):827–30, 13 Sep 76
COOKERY/ EVALUATION STUDIES/ *MEAT, analysis/ PEPTIDE FRAGMENTS, analysis/ *SOY BEANS, analysis/ TRYPSIN/ *VEGETABLE PROTEINS, analysis

439. **Bailey JM, Bryant RW, Feinmark SJ, et al:** Differential separation of thromboxanes from prostaglandins by one and two-dimensional thin layer chromatography. Prostaglandins 13(3):479–92, Mar 77
ARACHIDONIC ACIDS, analysis/ BLOOD PLATELETS, analysis/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, LIQUID/ CHROMATOGRAPHY, THIN LAYER, methods/ FATTY ACIDS, isolation & purification/ FIBROBLASTS, analysis/ HUMAN/ *HYDROXY ACIDS, isolation & purification/ LUNG, analysis/ *PROSTAGLANDINS, analysis/ *PYRANS, isolation & purification/ SOLVENTS/ TISSUE CULTURE

440. **Baille Y, Sicard-Desnuelles MP, Gallet de Santerre JF, et al:** Action directe de la circulation extra-corporelle sur les plaquettes et les facteurs de coagulation Ann Anesthesiol Fr 18(1):43–50, 1977 (Eng. Abstr.) **(Fre)**
BLOOD CELL COUNT/ *BLOOD COAGULATION FACTORS, physiology/ *BLOOD PLATELETS/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ EXTRACORPOREAL CIRCULATION, adverse effects/ FACTOR XII, physiology/ FIBRINOGEN, biosynthesis/ *HEART SURGERY/ HEART SURGERY, adverse effects/ HUMAN/ OXYGENATORS/ PLASMINOGEN, physiology/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ PROTHROMBIN, physiology/ THROMBOPENIA, etiology/ TIME FACTORS

441. **Bailon P, Nishikawa AH:** Affinity purification methods. V1. A novel and rapid isolation procedure for lysozymes. Prep Biochem 7(1):61–87, 1977
CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN/ EGG WHITE/ HUMAN/ IMIDAZOLES/ MILK, HUMAN, enzymology/ *MURAMIDASE, isolation & purification/ PHENYLACETATES/ PLANTS, enzymology/ SEPHAROSE/ SERUM ALBUMIN

442. **Baĭl'ozov D, Georgiev L, Zakhariev Ts:** Vurkhu proizkhoda na stafilokokite po zaklanite ptitsi Vet Med Nauki 13(10):20–7, 1976 (Eng. Abstr.) **(Bul)**
ABATTOIRS/ ANIMAL/ BACTERIOLYSIS/ BACTERIOPHAGE TYPING/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *FOOD MICROBIOLOGY/ GENTIAN VIOLET, diagnostic use/ HEMOLYSIS/ *MEAT/ *POULTRY, microbiology/ STAPHYLOCOCCUS AUREUS, isolation & purification/ *STAPHYLOCOCCUS, isolation & purification

443. **Baird RN, Abbott WM:** Vein grafts: an historical perspective. Am J Surg 134(2):293–6, Aug 77 (26 ref.)
ANGIOGRAPHY, history/ ANIMAL/ ARTERIAL OCCLUSIVE DISEASES, surgery/ ARTERIES, injuries/ HEPARIN, therapeutic use/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ REVIEW/ TRANSPLANTATION, AUTOLOGOUS/ *VASCULAR SURGERY, history/ *VEINS, transplantation

444. **Bais R, Prior MP, Edwards JB:** Plasma lactate dehydrogenase activity will be increased if detergent and platelets are present. Clin Chem 23(6):1056–8, Jun 77
*AMMONIUM COMPOUNDS, pharmacodynamics/ *BLOOD PLATELETS, enzymology/ CENTRIFUGATION/ FALSE POSITIVE REACTIONS/ HUMAN/ *LACTATE DEHYDROGENASE, blood/ METHODS/ *PLASMA, enzymology/ THROMBOCYTOSIS,

enzymology/ *TRITONS, pharmacodynamics

445. **Bajaj AP, Castellino FJ:** Activation of human plasminogen by equimolar levels of streptokinase. J Biol Chem 252(2):492–8, 25 Jan 77
AMINO ACIDS, analysis/ ENZYME ACTIVATION/ FIBRINOLYSIN, metabolism/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PLASMINOGEN, isolation & purification/ *PLASMINOGEN, metabolism/ *STREPTOKINASE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

446. **Bajaj SP, Nowak T, Castellino FJ:** Interaction of manganese with bovine prothrombin and its thrombin-mediated cleavage products. J Biol Chem 251(20):6294–9, 25 Oct 76
ANIMAL/ BINDING SITES/ BINDING, COMPETITIVE/ CALCIUM, pharmacodynamics/ CATTLE/ ENZYME ACTIVATION/ KINETICS/ *MANGANESE/ MANGANESE, pharmacodynamics/ MATHEMATICS/ PROTEIN BINDING/ *PROTHROMBIN/ PROTHROMBIN, metabolism/ *THROMBIN/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

447. **Bajaj SP, Byrne R, Nowak T, et al:** Interaction of manganese with bovine factor X. J Biol Chem 252(14):4758–61, 25 Jul 77
BINDING SITES/ CALCIUM, metabolism/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ENZYME ACTIVATION/ *FACTOR X, metabolism/ KINETICS/ *MANGANESE, metabolism/ SNAKE VENOMS

448. **Bajko K:** Wpływ heparyny i glukagonu na obraz morfologiczny trzustki w przebiegu ostrego doświadczalnego zapalenia trzustki.
Rocz Akad Med Bialymstoku 21:23–36, 1977 (Eng. Abstr.) **(Pol)**
ACUTE DISEASE/ ANIMAL/ COMPARATIVE STUDY/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ *GLUCAGON, pharmacodynamics/ *HEPARIN, pharmacodynamics/ MALE/ *PANCREAS, drug effects/ PANCREAS, pathology/ *PANCREATITIS, pathology

449. **Bajko K:** Badania histochemiczne hydrolaz lizosomalnych trzustki psa w przebiegu ostrego doświadczalnego zapalenia trzustki leczonego heparyną lub glukagonem.
Rocz Akad Med Bialymstoku 21:37–48, 1977 (Eng. Abstr.) **(Pol)**
*ACID PHOSPHATASE, metabolism/ ACUTE DISEASE/ ANIMAL/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ *GLUCAGON, therapeutic use/ *HEPARIN, therapeutic use/ HISTOCYTOCHEMISTRY/ *LYSOSOMES, enzymology/ MALE/ *PANCREAS, enzymology/ *PANCREATITIS, drug therapy/ PANCREATITIS, enzymology

450. **Bajusz S, Barabás E, Széll E, et al:** Peptide aldehyde inhibitors of the fibrinogen–thrombin reaction. pp. 603–8.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
*ALDEHYDES, pharmacodynamics/ AMINO ACID SEQUENCE/ BINDING SITES/ *FIBRINOGEN/ FIBRINOGEN, antagonists & inhibitors/ KINETICS/ MONOGRAPH/ *OLIGOPEPTIDES, pharmacodynamics/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ *THROMBIN/ THROMBIN, antagonists & inhibitors

451. **Bakalkin GIA, Kal'nov SL, Zubatov AS, et al:** Labil'nost' produktov mitokhondrial'nogo belkovogo sinteza v drozhzhakh Saccharomyces cerevisiae Biokhimiia 41(10):1878–88, Oct 76 (Eng. Abstr.) **(Rus)**
CYTOPLASM, metabolism/ DRUG STABILITY/ ENGLISH ABSTRACT/ *FUNGAL PROTEINS, metabolism/ MITOCHONDRIA, metabolism/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *SACCHAROMYCES CEREVISIAE, metabolism

452. **Bakalkin GIa, Kal'nov SL, Zubatov AS, et al:** Degradatsiia vnutrikletochnykh belkov na raznykh fazakh rosta drozhzheĭ Saccharomyces cerevisiae. Biokhimiia 41(6):1121–6, Jul 76 (Eng. Abstr.) **(Rus)**
CARBON RADIOISOTOPES/ ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ *FUNGAL PROTEINS, metabolism/ ISOTOPE LABELING/ LEUCINE/ PEPSTATINS, pharmacodynamics/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ SACCHAROMYCES CEREVISIAE, growth & development/ *SACCHAROMYCES CEREVISIAE, metabolism/ TISSUE CULTURE

453. **Baker CR Jr:** Complications and management of methods of dialysis access for renal failure. Am Surg 42(11):859–62, Nov 76
ANTIBIOTICS, administration & dosage/ *ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ BLOOD VESSEL PROSTHESIS/ FOREARM, blood supply/ *HEMODIALYSIS/ HEMODIALYSIS, methods/ HUMAN/ INDWELLING CATHETER/ INTESTINAL PERFORATION, surgery/ KIDNEY FAILURE, CHRONIC, therapy/ *PERITONEAL DIALYSIS/ PERITONEAL DIALYSIS, methods/ PERITONITIS, surgery/ *POSTOPERATIVE COMPLICATIONS, surgery/ SURGICAL WOUND INFECTION, drug therapy/ SURGICAL WOUND INFECTION, surgery/ THROMBOSIS, surgery

454. **Baker JR, Bullock GR, Crawford N, et al:** Localization in platelets of sodium 51Cr-chromate, 125I-antibody to whole membrane, and 3H-diisopropylfluorophosphate using electron microscopic autoradiography.
Am J Pathol 88(2):277–90, Aug 77
ANIMAL/ *AUTORADIOGRAPHY, methods/ *BLOOD PLATELETS, metabolism/ CELL MEMBRANE, metabolism/ CHROMIUM RADIOISOTOPES/ CYTOPLASM, metabolism/ IODINE RADIOISOTOPES/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, metabolism/ RABBITS/ RATS/ TRITIUM

455. **Baker LH, Opipari MI, Izbicki RM:** Phase II study of mitomycin-C, vincristine, and bleomycin in advanced squamous cell carcinoma of the uterine cervix. Cancer 38(6):2222–4, Dec 76
ADULT/ AGED/ BLEOMYCIN, adverse effects/ *BLEOMYCIN, therapeutic use/ *CARCINOMA, EPIDERMOID, drug therapy/ *CERVIX NEOPLASMS, drug therapy/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ LEUKOPENIA, chemically induced/ MIDDLE AGE/ MITOMYCIN, adverse effects/ *MITOMYCIN, therapeutic use/ THROMBOPENIA, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VINCRISTINE, adverse effects/ *VINCRISTINE, therapeutic use

456. **Baker LW:** Viscosity and perfusion. S Afr Med J 50(42):1689–90, Oct 76
BLOOD CIRCULATION/ *BLOOD VISCOSITY/ HUMAN/ INFUSIONS, PARENTERAL/ *PLASMA SUBSTITUTES, therapeutic use/ *PREOPERATIVE CARE/ *SHOCK, drug therapy

457. **Baker LW:** The treatment of established iliofemoral deep vein thrombosis with streptokinase. S Afr Med J 52(2):64–8, 9 Jul 77
ADULT/ AGED/ CASE REPORT/ FEMALE/ *FEMORAL VEIN/ FEMORAL VEIN, radiography/ HUMAN/ *ILIAC VEIN/ ILIAC VEIN, radiography/ MALE/ MIDDLE AGE/ *STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy/ THROMBOSIS, radiography

458. **Baker PJ, Lint TF, Mortensen RF, et al:** C567-initiated cytolysis of lymphoid cells: description of the phenomenon and studies on its control by C567 inhibitors.
J Immunol 118(1):198–202, Jan 77
CELL LINE/ COMPLEMENT 5, metabolism/ COMPLEMENT 6, metabolism/ COMPLEMENT 7, metabolism/ COMPLEMENT 8, metabolism/ COMPLEMENT 9, metabolism/ COMPLEMENT, antagonists & inhibitors/ *COMPLEMENT,

metabolism/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DEXTRAN, pharmacodynamics/ LIPOPROTEINS, pharmacodynamics/ *LYMPHOCYTES, physiology/ PROTAMINES, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

459. **Baker TJ, Gordon HL, Mosienko P:** Rhytidectomy: a statistical analysis. Plast Reconstr Surg 59(1):24–30, Jan 77
AGE FACTORS/ ANESTHESIA, LOCAL/ *FACE, surgery/ FACIAL NERVE, injuries/ FEMALE/ HEMATOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ SEX FACTORS/ SKIN DISEASES, etiology/ *SKIN, surgery/ *SURGERY, PLASTIC/ SURGERY, PLASTIC, adverse effects/ SURGICAL WOUND INFECTION, etiology

460. **Baklaja F, Cvetkovic V, Stajic M, et al:** Koncentrovani antihemofilni globulini u lečenju hemoragijskih sindroma Bilt Hematol Transfuz 4(3):61–6, 1976 (Eng. Abstr.) **(Scr)**
AFIBRINOGENEMIA, therapy/ *BLOOD COAGULATION DISORDERS, therapy/ CHRISTMAS DISEASE, therapy/ ENGLISH ABSTRACT/ *FACTOR IX, therapeutic use/ FACTOR V DEFICIENCY, therapy/ FACTOR V, therapeutic use/ *FACTOR VIII, therapeutic use/ FACTOR X DEFICIENCY, therapy/ FACTOR X, therapeutic use/ HEMOPHILIA, therapy/ HUMAN

461. **Bakran I:** 253 bolesnika s akutnim pankreatitisom liječeni na kirurškoj klinici u Zagrebu Acta Chir Iugosl 24(1 Suppl):21–6, 1977 (Eng. Abstr.) **(Scr)**
ACUTE DISEASE/ ALCOHOLISM, complications/ ENGLISH ABSTRACT/ *HOSPITALS, SPECIAL/ *HOSPITALS, TEACHING/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ OBESITY, complications/ PANCREATITIS, drug therapy/ PANCREATITIS, etiology/ *PANCREATITIS, surgery/ *UNIVERSITY HOSPITALS/ YUGOSLAVIA

462. **Balasubramanian R:** New type of representation for mapping chain-folding in protein molecules. Nature 266(5605):856–7, 28Apr 77
*CHYMOTRYPSIN/ *MODELS, STRUCTURAL/ *PROTEIN CONFORMATION

463. **Baldauf W:** Das Verhalten von Erythrozytensuspensionen in Verzweigungsströmungen. Untersuchungen zur Ablagerungshypothese der Atheroskleroseentstehung. Beitr Pathol 160(2):129–53, May 77 (Eng. Abstr.) **(Ger)**
ARTERIES/ *ARTERIOSCLEROSIS, etiology/ ATHEROSCLEROSIS, blood/ *ATHEROSCLEROSIS, etiology/ BLOOD FLOW VELOCITY/ ENGLISH ABSTRACT/ *ERYTHROCYTE AGGREGATION/ ERYTHROCYTES/ HUMAN/ SURFACE PROPERTIES/ THROMBOSIS, etiology

464. **Baligadoo S, de Vernejoul F, Haiat R:** Pathologie interne et thérapeutique cardiovasculaire. Coeur Med Interne 16(2):305–9, Apr–Jun 77 **(Fre)**
AUTOIMMUNE DISEASES, complications/ *CARDIOVASCULAR DISEASES, complications/ CARDIOVASCULAR DISEASES, drug therapy/ DRUG HYPERSENSITIVITY, complications/ HEART VALVE DISEASES, complications/ HUMAN/ HYPOPROTHROMBINEMIAS, complications/ MYOTONIA ATROPHICA, complications/ PNEUMOTHORAX, complications/ THROMBOANGIITIS OBLITERANS, complications/ THROMBOEMBOLISM, complications

465. **Ball AP, McKee PA:** Fibrin formation and dissolution in women receiving oral contraceptive drugs. J Lab Clin Med 89(4):751–62, Apr 77
ADULT/ ANTIFIBRINOLYTIC AGENTS, blood/ ANTITHROMBINS, blood/ COMPARATIVE STUDY/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ESTROGENS, pharmacodynamics/ FACTOR XIII/ FEMALE/ *FIBRIN, metabolism/ *FIBRINOLYSIS, drug effects/ HUMAN/ PLASMINOGEN ACTIVATORS/ PLASMINOGEN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

466. **Ball GV, Goldman LN:** Chronic ulcerative colitis, skin necrosis, and cryofibrinogenemia. Ann Intern Med 85(4):464–6, Oct 76
*BLOOD PROTEIN DISORDERS, complications/ CASE REPORT/ CHRONIC DISEASE/ COLD/ *COLITIS, ULCERATIVE, complications/ *FIBRINOGEN/ HUMAN/ MALE/ MIDDLE AGE/ NECROSIS/ SKIN DISEASES, drug therapy/ *SKIN DISEASES, etiology/ SKIN DISEASES, pathology/ WARFARIN, therapeutic use

467. **Ball GV:** Gold-induced thrombocytopenia: response to vincristine? [letter] Arthritis Rheum 20(6):1288–9, Jul–Aug 77
ADULT/ ARTHRITIS, RHEUMATOID, drug therapy/ CASE REPORT/ FEMALE/ *GOLD THIOMALATE, adverse effects/ GOLD THIOMALATE, therapeutic use/ HUMAN/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, drug therapy/ *VINCRISTINE, therapeutic use

468. **Ballantyne B:** In vitro production of cyanide in normal human blood and the influence of thiocyanate and storage temperature. Clin Toxicol 11(2):173–93, Sep 77
ADULT/ ANIMAL/ BIODEGRADATION/ BIOTRANSFORMATION/ BLOOD PRESERVATION, methods/ *CYANIDES, blood/ FEMALE/ FREEZING/ HUMAN/ IN VITRO/ MALE/ RABBITS/ SMOKING, metabolism/ TEMPERATURE/ THIOCYANATES, blood/ *THIOCYANATES, pharmacodynamics/ TIME FACTORS

469. **Ballantyne B:** Factors in the analysis of whole blood thiocyanate. Clin Toxicol 11(2):195–210, Sep 77
BLOOD PRESERVATION/ CYANIDES, blood/ FREEZING/ HUMAN/ METHODS/ OXIDATION-REDUCTION/ PLASMA, analysis/ SMOKING, metabolism/ TEMPERATURE/ *THIOCYANATES, blood/ TIME FACTORS

470. **Ballas SK, Rubin RN:** Microangiopathic hemolytic anemia and thrombocytopenia with disseminated cancer. Postgrad Med 60(6):180–1, Dec 76
*ANEMIA, HEMOLYTIC, etiology/ ANEMIA, HEMOLYTIC, pathology/ *BREAST NEOPLASMS, complications/ CASE REPORT/ FEMALE/ HUMAN/ MIDDLE AGE/ NEOPLASM METASTASIS/ *THROMBOPENIA, etiology/ THROMBOSIS, etiology

471. **Balsamo V, Brai M, Mogavero S, et al:** Prime esperienze sul trattamento di un caso di sindrome di Wiskott–Aldrich con transfer factor Minerva Pediatr 29(10):651–5, 24 Mar 77 **(Ita)**
*ALDRICH SYNDROME, drug therapy/ CASE REPORT/ HUMAN/ INFANT/ MALE/ *TRANSFER FACTOR, therapeutic use

472. **Balsamo V, Cajozzo A, Mancuso G, et al:** Considerazioni cliniche e rilievi ultrastrutturali in un caso di tromboastenia di Glanzmann Minerva Pediatr 29(10):657–64, 24 Mar 77 **(Ita)**
BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS/ BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, pathology/ *BLOOD PLATELETS, ultrastructure/ CASE REPORT/ FEMALE/ HUMAN/ INFANT/ PLATELET AGGREGATION

473. **Balsano F, Cordova C, Musca A, et al:** Ruolo del metabolismo polmonare sull'emocoagulazione in fisiologia, in clinica ed in terapia Clin Ter 80(6):513–27, 31 Mar 77 **(Ita)**
ANOXIA, complications/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, therapy/ *BLOOD COAGULATION/ FIBRINOGEN, biosynthesis/ FIBRINOLYSIN, biosynthesis/ HISTAMINE, metabolism/ HUMAN/ HYPERTENSION, PULMONARY, complications/ *LUNG DISEASES, OBSTRUCTIVE, complications/ LUNG DISEASES, OBSTRUCTIVE, metabolism/ *LUNG, metabolism/ PLASMINOGEN, metabolism/ PLATELET AGGREGATION/ *RESPIRATORY

INSUFFICIENCY, complications/ SEROTONIN, metabolism

474. **Baltensweiler J:** Metabolische Prophylaxe des Fettemboliesyndroms Unfallheilkunde 79(6):251–5, Jun 76 (Eng. Abstr.) **(Ger)**
BLOOD VOLUME/ DRUG THERAPY, COMBINATION/ EMBOLISM, FAT, metabolism/ *EMBOLISM, FAT, prevention & control/ ENGLISH ABSTRACT/ GLUCOSE, administration & dosage/ HEPARIN, administration & dosage/ HUMAN/ INSULIN, administration & dosage

475. **Baluda VP, Chekalina SI, Chernaia VV:** Ekspress-diagnostika narusheniĭ v sisteme gemostaza pri ostrovoznikaiushchikh krovotecheniiakh Lab Delo (5):273–6, 1976 **(Rus)**
ACUTE DISEASE/ *BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, methods/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *HEMORRHAGE, blood/ HUMAN

476. **Baluda VP, Sushkevich GN, Pavlovskiĭ DP, et al:** Metiloksipropiltselliuloza – vozmozhnaia osnova gemostaticheskikh preparatov dlia mestnogo primeneniia Probl Gematol Pereliv Krovi 21(9):30–3, 1976 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION TESTS/ *CELLULOSE, analogs & derivatives/ *CELLULOSE, OXIDIZED, analogs & derivatives/ CELLULOSE, OXIDIZED, pharmacodynamics/ COMPARATIVE STUDY/ DOGS/ DRUG EVALUATION/ ENGLISH ABSTRACT/ *HEMOSTATICS/ IN VITRO/ *OINTMENT BASES/ *PHARMACEUTIC AIDS/ RABBITS

477. **Baluda VP, Sushkevich GN:** Faktor Willebranda. Rol' v gemostaze i metod opredeleniia Lab Delo (8):451–5, 1976 **(Rus)**
*BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ *HEMOSTASIS/ HUMAN/ PLATELET AGGREGATION/ RISTOCETIN, diagnostic use/ *VON WILLEBRAND FACTOR/ VON WILLEBRAND FACTOR, analysis/ VON WILLEBRAND FACTOR, physiology

478. **Baluda VP, Chekalina SI, Sushkevich GN, et al:** Mikrometod opredeleniia agregatsii trombotsitov v tsel'noĭ krovi Lab Delo (11):653–6, 1976 **(Rus)**
ADENOSINE DIPHOSPHATE, diagnostic use/ BLOOD COAGULATION TESTS, instrumentation/ *BLOOD COAGULATION TESTS, methods/ COMPARATIVE STUDY/ HUMAN/ NEOPLASMS, physiopathology/ *PLATELET AGGREGATION/ TIME FACTORS

479. **Baluda VP, Shiriaev VV, Simova N, et al:** O mekhanizme vozdeĭstviia aspirina na funktsional'nye svoĭstva trombotsitov Biull Eksp Biol Med 83(4):434–5, Apr 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3/ RATS

480. **Baluda VP:** Vnutrisosudistoe svertyvanie krovi--komponent patogeneza razlichnykh zabolevaniĭ. Patol Fiziol Eksp Ter (2):3–13, Mar-Apr 77 (37 ref.) **(Rus)**
ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ FIBRINOLYSIN, therapeutic use/ FIBRINOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ PHOSPHOTRANSFERASES, ATP, blood/ PROTHROMBIN/ REGIONAL BLOOD FLOW/ REVIEW/ SHWARTZMAN PHENOMENON, blood

481. **Bamberg E, Augustin A, Bauer O, et al:** Primärer Formwandel der Bluplättchen nach der Blutentnahme und Thrombozytenaggregation. Verh Dtsch Ges Inn Med 82 Pt 2:1623–5, 1976 **(Ger)**
*BLOOD PLATELETS, physiology/ *BLOOD SPECIMEN COLLECTION/ HUMAN/ *PLATELET AGGREGATION/ TIME FACTORS

482. **Ban TA:** Psychopathology, psychopharmacology and the organic brain syndromes. Psychosomatics 17(3):131–7, Jul-Sep 76 (84 ref.)
AMPHETAMINES, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ANTIDEPRESSIVE AGENTS, therapeutic use/ CEREBROVASCULAR CIRCULATION, drug effects/ DEMENTIA, PRESENILE, drug therapy/ FEMALE/ HORMONES, therapeutic use/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ MALE/ MEMORY, drug effects/ PEMOLINE COMPOUNDS, therapeutic use/ *PSYCHOSES, ORGANIC, drug therapy/ *PSYCHOTROPIC DRUGS, therapeutic use/ REVIEW/ RNA, therapeutic use/ TRANQUILIZING AGENTS, MAJOR, therapeutic use/ TRANQUILIZING AGENTS, MINOR, therapeutic use/ VASODILATOR AGENTS, therapeutic use/ VITAMINS, therapeutic use

483. **Báňa J, Reif R:** Vzácná pozorování zlomenin pyje Rozhl Chir 55(9):608–11, Sep 76 (Eng. Abstr.) **(Cze)**
ADULT/ CASE REPORT/ COITUS/ ENGLISH ABSTRACT/ HEMATOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *PENIS, injuries/ RUPTURE/ URETHRA, injuries

484. **Banerjee V, Banerjee M:** Blood of the common indian weaver birds Ploceus philippinus and Ploceus benghalensis (Linnaeus). Folia Haematol (Leipz) 103(4):506–15, 1976
ANIMAL/ *BIRDS, blood/ BLOOD COAGULATION/ BLOOD SUGAR/ CHOLESTEROL, blood/ ERYTHROCYTES/ FEMALE/ HEMOGLOBINS/ INDIA/ LEUKOCYTES/ MALE

485. **Banerji A, Poddar MK, Ghosh JJ:** Action of delta9-tetrahydrocannabinol on membrane-bound monoamine oxidase activity. Toxicol Appl Pharmacol 40(2):347–54, May 77
ANIMAL/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ HYPOTHALAMUS, enzymology/ HYPOTHALAMUS, ultrastructure/ IN VITRO/ KINETICS/ MALE/ MEMBRANES, enzymology/ MITOCHONDRIA, drug effects/ MITOCHONDRIA, enzymology/ MITOCHONDRIA, MUSCLE, drug effects/ MITOCHONDRIA, MUSCLE, enzymology/ MONOAMINE OXIDASE, blood/ *MONOAMINE OXIDASE, metabolism/ MYOCARDIUM, enzymology/ MYOCARDIUM, ultrastructure/ NITRATES, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ *TETRAHYDROCANNABINOL, pharmacodynamics/ THIOCYANATES, pharmacodynamics/ UREA, pharmacodynamics

486. **Banik NL, Gohil K, Davison AN:** The action of snake venom, phospholipase A and trypsin on purified myelin in vitro. Biochem J 159(2):273–7, Nov 76
ANIMAL/ FEMALE/ LIPIDS, analysis/ LYSOPHOSPHATIDYLCHOLINES, pharmacodynamics/ MALE/ MYELIN PROTEINS, analysis/ MYELIN SHEATH, analysis/ *MYELIN SHEATH, drug effects/ MYELIN SHEATH, enzymology/ MYELIN SHEATH, ultrastructure/ PHOSPHOLIPASE, metabolism/ *PHOSPHOLIPASE, pharmacodynamics/ RATS/ *SNAKE VENOMS, pharmacodynamics/ *TRYPSIN, pharmacodynamics/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, metabolism

487. **Banis JC Jr, Rich N, Whelan TJ Jr:** Ischemia of the upper extremity due to noncardiac emboli. Am J Surg 134(1):131–9, Jul 77
ADULT/ ANEURYSM, complications/ ANEURYSM, surgery/ ANGIOGRAPHY/ *ARM, blood supply/ AXILLARY ARTERY, surgery/ BRACHIAL ARTERY, surgery/ CAROTID ARTERIES, surgery/ CASE REPORT/

*CERVICAL RIB SYNDROME, complications/ CERVICAL RIB SYNDROME, surgery/ *EMBOLISM, complications/ FEMALE/ IN VITRO/ *ISCHEMIA, etiology/ MALE/ MIDDLE AGE/ *SCALENUS ANTICUS SYNDROME, complications/ SUBCLAVIAN ARTERY, radiography/ SUBCLAVIAN ARTERY, surgery/ THROMBOSIS, surgery

488. **Bank S, Marks IN, Barbezat GO:** Treatment of acute and chronic pancreatitis. Drugs 13(5):373–81, May 77
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ BRAIN DISEASES, drug therapy/ CHRONIC DISEASE/ DELIRIUM TREMENS, drug therapy/ DIABETES MELLITUS, etiology/ GLUCAGON, therapeutic use/ HEART DISEASES, etiology/ HUMAN/ HYPOCALCEMIA, etiology/ INTESTINAL OBSTRUCTION, drug therapy/ JAUNDICE, etiology/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ KIDNEY DISEASES, etiology/ PAIN, drug therapy/ PANCREATIC CYST, etiology/ PANCREATITIS, complications/ *PANCREATITIS, drug therapy/ PANCREATITIS, surgery/ PARASYMPATHOLYTICS, therapeutic use/ RESPIRATORY DISTRESS SYNDROME, drug therapy/ SERUM ALBUMIN, metabolism/ SHOCK, etiology/ SPRUE, etiology/ WATER-ELECTROLYTE IMBALANCE, drug therapy

489. **Bańkowski E:** Proteolysis of procollagen I. Acta Biochim Pol 24(1):45–52, 1977
MOLECULAR WEIGHT/ PEPSIN, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *PROCOLLAGEN, metabolism/ PRONASE, metabolism/ TEMPERATURE/ TRYPSIN, metabolism

490. **Bannerjee D, Mosesson MW:** Reappraisal of the gel sieving properties of plasma protransglutaminase (factor XIII) [letter]. Thromb Res 10(1):183–4, Jan 77
CHROMATOGRAPHY, GEL/ *FACTOR XIII, isolation & purification/ HUMAN/ MOLECULAR WEIGHT

491. **Banzet P:** Les angiomes de la main Phlebologie 29(1):17–21, Jan–Mar 76 **(Fre)**
*HAND, blood supply/ *HEMANGIOMA/ HEMANGIOMA, classification/ HEMANGIOMA, surgery/ HEMANGIOMA, CAVERNOUS, classification/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN

492. **Baptist JN, Datta S:** Conversion by trypsin of nonsense suppressor-produced isozymes of triosephosphate isomerase to isozymes resembling the wild type. J Bacteriol 131(2):682–4, Aug 77
BACILLUS SUBTILIS, drug effects/ *BACILLUS SUBTILIS, enzymology/ *CARBOHYDRATE ISOMERASES, metabolism/ ELECTROPHORESIS/ *GENES, SUPPRESSOR/ *ISOENZYMES, metabolism/ MOLECULAR WEIGHT/ *TRIOSEPHOSPHATE ISOMERASE, metabolism/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

493. **Baptist NG, Nash AR, Thompson EO:** Instability of DTNB-treated globin or haemoglobin. Aust J Biol Sci 29(3):181–8, Jul 76
CARBOXYMETHYLCYSTEINE, analysis/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTINE, analysis/ DISULFIDES/ *DITHIONITROBENZOIC ACID/ ELECTROPHORESIS, CELLULOSE ACETATE/ ETHYLMALEIMIDE/ *GLOBIN/ GLOBIN, isolation & purification/ *HEMOGLOBINS/ HUMAN/ MOLECULAR WEIGHT/ *NITROBENZOATES/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN

494. **Baquey C, Darnez C, Blanquet P:** ESR study of gamma-irradiated sodium heparinate. Radiat Res 70(1):82–90, Apr 77
ELECTRON SPIN RESONANCE/ FREE RADICALS/ GAMMA RAYS/ *HEPARIN, radiation effects/ TEMPERATURE

495. **Bar-Nun S, Schantz R, Ohad I:** Appearance and composition of chlorophyll-protein complexes I and II during chloroplast membrane biogenesis in Chlamydomonas reinhardi y-1. Biochim Biophys Acta 459(3):451–67, 11 Mar 77
BINDING SITES/ *CELL MEMBRANE, physiology/ *CHLAMYDOMONAS, metabolism/ *CHLOROPHYLL/ CHLOROPHYLL, isolation & purification/ CHLOROPHYLL, metabolism/ *CHLOROPLASTS, metabolism/ DARKNESS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ LIGHT/ MOLECULAR WEIGHT/ *PLANT PROTEINS/ PLANT PROTEINS, isolation & purification/ PLANT PROTEINS, metabolism/ PROTEIN BINDING/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

496. **Barabash RD, Levitskiĭ AP:** Eksperimental'naia terapiia parodontoza ingibitorom elastazy
Patol Fiziol Eksp Ter (6):58–63, Nov–Dec 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ DRUG EVALUATION/ ENGLISH ABSTRACT/ *PANCREATOPEPTIDASE, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PERIODONTAL DISEASES, drug therapy/ RATS

497. **Barabash RD, Levitskiĭ AP, Loginova NK, et al:** Rol' kallikreina sliuny v patogeneze parodontoza
Vopr Med Khim 22(3):318–25, May–Jun 76 (Eng. Abstr.) **(Rus)**
ACETONE, pharmacodynamics/ AGING/ ALVEOLAR PROCESS, metabolism/ ALVEOLAR PROCESS, pathology/ ANIMAL/ ATROPHY/ DOGS/ ENGLISH ABSTRACT/ ESTERASES, metabolism/ GINGIVA, metabolism/ HAMSTERS/ HUMAN/ IN VITRO/ KALLIKREIN, pharmacodynamics/ *KALLIKREIN, secretion/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PERIODONTITIS, drug therapy/ PERIODONTITIS, enzymology/ *PERIODONTITIS, etiology/ RATS/ *SALIVA, enzymology/ SALIVARY GLANDS, surgery

498. **Barabash RD, Varava GN, Volodkina VV, et al:** Fermenty desny pri vospalitel'no-distroficheskikh zabolevaniiakh parodonta Stomatologiia (Mosk) 56(2):29–31, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
ADULT/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *GINGIVA, enzymology/ GINGIVITIS, enzymology/ HUMAN/ MIDDLE AGE/ MURAMIDASE, metabolism/ PEPTIDE HYDROLASES, metabolism/ *PERIODONTITIS, enzymology/ PHOSPHATASES, metabolism/ RIBONUCLEASE, metabolism

499. **Barac G, Deby C:** Action directe de l'arachidonate sodique exogène sur le débit sanguin rénal, chez le chien; influence de l'héparine Arch Int Physiol Biochim 84(4):857–61, Oct 76 (Eng. Abstr.) **(Fre)**
ANIMAL/ *ARACHIDONIC ACIDS, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ *HEPARIN, pharmacodynamics/ ISCHEMIA, physiopathology/ *KIDNEY, blood supply/ KIDNEY, drug effects/ KIDNEY, transplantation/ REGIONAL BLOOD FLOW, drug effects/ TRANSPLANTATION, HOMOLOGOUS

500. **Barac G:** Influence des prostaglandines PGE1 et PGE2 exogènes sur l'effet rénal des érythrotonines du sang héparine extravasé, chez le chien
Arch Int Physiol Biochim 84(4):851–6, Oct 76 (Eng. Abstr.) **(Fre)**
ANIMAL/ DOGS/ ENGLISH ABSTRACT/ HEPARIN, pharmacodynamics/ *ISCHEMIA, physiopathology/ KIDNEY, blood supply/ KIDNEY, drug effects/ *KIDNEY, physiopathology/ KINETICS/ PERFUSION/ *PROSTAGLANDINS E, pharmacodynamics/ TIME FACTORS

501. **Barach AL:** Serum cholesterol [letter]. JAMA 236(23):2942, 27 Dec 76
AGE FACTORS/ AGED/ *CHOLESTEROL, blood/ *CORONARY DISEASE, blood/ *DIET, ATHEROGENIC/ HUMAN/ MIDDLE AGE

502. **Barakat HA, Tapscott EB, Smith C:** Glyceride metabolism in the myopathic hamster. Lipids 12(7):550–5, Jul 77

ADIPOSE TISSUE, enzymology/ AGE FACTORS/ ANIMAL/ BODY WEIGHT/ EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, blood/ GLYCERIDES, biosynthesis/ HAMSTERS/ LIPASE, analysis/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, analysis/ LIVER, enzymology/ MUSCLES, enzymology/ *MYOCARDIAL DISEASES, PRIMARY, metabolism/ MYOCARDIUM, enzymology/ ORGAN SPECIFICITY/ ORGAN WEIGHT/ TRIGLYCERIDES, blood

503. **Baran DT, Griner PF, Klemperer MR:** Recovery from aplastic anemia after treatment with cyclophosphamide. N Engl J Med 295(27):1522–3, 30 Dec 76
ADULT/ ANEMIA, APLASTIC, blood/ *ANEMIA, APLASTIC, drug therapy/ ANEMIA, APLASTIC, immunology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW, immunology/ CASE REPORT/ *CYCLOPHOSPHAMIDE, therapeutic use/ HUMAN/ LEUKOCYTE COUNT/ MALE/ REMISSION

504. **Baran R, Bureau H:** Surgical management of some conditions in and about nails. J Dermatol Surg 2(4):308–12, Sep 76
BIOPSY/ GRANULOMA, surgery/ HEMATOMA, surgery/ HUMAN/ MELANOMA, surgery/ METHODS/ NAILS, injuries/ *NAILS, surgery/ NAILS, INGROWN, surgery/ NAILS, MALFORMED, surgery/ NEOPLASMS, surgery/ PARONYCHIA, surgery/ *SKIN APPENDAGE DISEASES, surgery/ SUTURE TECHNICS/ WARTS, surgery

505. **Barandun S, Skvaril F, Morell A:** Prophylaxe und Therapie mit gamma-Globulin Allgemeine Charakterisierung und klinische Anwendung von gamma-Globulin-Präparaten Schweiz Med Wochenschr 106(16):533–42, 17 Apr 76 (Eng. Abstr.) **(Ger)**
COMPLEMENT, analysis/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FIBRINOLYSIN/ GAMMA GLOBULINS, analysis/ *GAMMA GLOBULINS, therapeutic use/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IGA, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOGLOBULINS, FC, metabolism/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ PEPSIN/ PROPIOLACTONE

506. **Baranov AE, Kaliuta BA, Kalinin NN, et al:** Opyt lecheniia infektsionnykh oslozhnenii i krovotochivosti infuziiami leikotsitarnoĭ i trombotsitarnoĭ massy, poluchaemykh pri pomoshchi separatora kletok krovi Ter Arkh 48(8):44–54, 1976 (Eng. Abstr.) **(Rus)**
*BLOOD PLATELETS, transplantation/ *BLOOD TRANSFUSION, methods/ ENGLISH ABSTRACT/ ESCHERICHIA COLI INFECTIONS, therapy/ *HEMORRHAGE, therapy/ HUMAN/ LEUKEMIA, MYELOCYTIC, complications/ *LEUKOCYTES, transplantation/ PLASMAPHERESIS/ PNEUMONIA, STAPHYLOCOCCAL, therapy/ *SEPTICEMIA, therapy/ STAPHYLOCOCCAL INFECTIONS, therapy

507. **Baranov VN, Nanaev AK:** Plazmorragiia v miokardial'nye kletki pri adrenalinovom povrezhdenii Kardiologiia 16(9):111–3, Sep 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ ENGLISH ABSTRACT/ EPINEPHRINE, administration & dosage/ *FIBRINOGEN, isolation & purification/ FLUORESCENT ANTIBODY TECHNIC/ MICE/ MICROSCOPY, ELECTRON/ *MYOCARDIUM, pathology/ NECROSIS, pathology/ PLASMA/ *SARCOLEMMA, analysis

508. **Baratti J, Maroux S:** On the catalytic and binding sites of porcine enteropeptidase. Biochim Biophys Acta 452(2):488–96, 8 Dec 76
ANIMAL/ BINDING SITES/ BINDING, COMPETITIVE/ DUODENUM, enzymology/ *ENTEROPEPTIDASE/ ENTEROPEPTIDASE, metabolism/ HYDROGEN-ION CONCENTRATION/ INTESTINAL MUCOSA, enzymology/ KINETICS/ OSMOLAR CONCENTRATION/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ TRYPSIN, metabolism

509. **Barber AJ:** Cyclic nucleotides and platelet aggregation. Effect of aggregating agents on the activity of cyclic nucleotide-metabolizing enzymes.
Biochim Biophys Acta 444(2):579–95, 24 Sep 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ADENYL CYCLASE, metabolism/ ARACHIDONIC ACIDS, pharmacodynamics/ CELL MEMBRANE, enzymology/ EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, pharmacodynamics/ *GUANYL CYCLASE, metabolism/ HUMAN/ *PHOSPHODIESTERASES, metabolism/ PHOSPHOLIPIDS, pharmacodynamics/ *PLATELET AGGREGATION/ PROSTAGLANDINS, pharmacodynamics/ SUBCELLULAR FRACTIONS, enzymology/ THROMBIN, pharmacodynamics/ TRITONS, pharmacodynamics/ *3',5'-CYCLIC AMP PHOSPHODIESTERASE, metabolism

510. **Barber HM, Feil EJ, Galasko CS, et al:** A comparative study of dextran-70, warfarin and low-dose heparin for the prophylaxis of thrombo-embolism following total hip replacement. Postgrad Med J 53(617):130–3, Mar 77
AGED/ COMPARATIVE STUDY/ *DEXTRAN, therapeutic use/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ *HIP, surgery/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSTHESIS/ *PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control/ *WARFARIN, therapeutic use

511. **Barber TA, Burkholder PM, Ilgen CL:** Production of the fourth component of guinea pig complement (C4) by peritoneal macrophages: immunolabeling and ultrastructure. J Reticuloendothel Soc 20(4):267–81, Oct 76
*ASCITIC FLUID, cytology/ BINDING SITES, ANTIBODY/ CELLS, CULTURED/ *COMPLEMENT 4, biosynthesis/ COMPLEMENT 4, antagonists & inhibitors/ *COMPLEMENT, biosynthesis/ CYCLOHEXIMIDE/ FERRITIN/ HEMOLYTIC PLAQUE TECHNIC/ IMMUNOLOGIC TECHNICS/ LYMPHOCYTES/ *MACROPHAGES, metabolism/ MACROPHAGES, ultrastructure/ *PERITONEAL FLUID, cytology/ PERITONEAL FLUID, immunology/ STAINS AND STAINING/ TRYPSIN

512. **Barbera C, Bianco C, Guerrisi O, et al:** Azione del carbazocromo sodio solfonato nella porpora latente degli ipertesi Clin Ter 79(2):111–20, 31 Oct 76 **(Ita)**
*ADRENOCHROME, analogs & derivatives/ AGED/ *CARBAZOCHROME, therapeutic use/ FEMALE/ HUMAN/ *HYPERTENSION, complications/ MALE/ MIDDLE AGE/ *PURPURA, drug therapy

513. **Barberio G, Cordaro V, Gemelli M, et al:** Deficit congenito isolato di fattore VII. Contributo clinico
Minerva Pediatr 29(12):843–5, 7 Apr 77 **(Ita)**
ADENOIDECTOMY/ BLOOD COAGULATION TESTS/ CASE REPORT/ CHILD/ HUMAN/ *HYPOPROCONVERTINEMIA, congenital/ HYPOPROCONVERTINEMIA, diagnosis/ MALE/ PREOPERATIVE CARE/ TONSILLECTOMY

514. **Barbiano di Belgiojoso G, Tarantino A, Bazzi C, et al:** Immunofluorescence patterns in membranoproliferative glomerulonephritis. pp. 445–51.
In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a.
ADOLESCENCE/ *COMPLEMENT, analysis/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ *GLOMERULONEPHRITIS, immunology/ HUMAN/ *IMMUNOGLOBULINS, analysis/ *KIDNEY GLOMERULUS, immunology/ MONOGRAPH/ PROPERDIN, analysis

515. **Barbour BH, LaSette AM, Koffler A:** Fixed-bed charcoal hemoperfusion for the treatment of drug overdose.

Kidney Int [Suppl] (7):S333–7, Dec 76
ADOLESCENCE/ ADSORPTION/ ADULT/ BLOOD PLATELETS/ CASE REPORT/ *CHARCOAL, therapeutic use/ CHLORDIAZEPOXIDE, poisoning/ CHLORPROMAZINE, poisoning/ ETHCHLORVYNOL, poisoning/ FEMALE/ GLUTETHIMIDE, poisoning/ *HEMODIALYSIS, methods/ HUMAN/ KIDNEY, ARTIFICIAL, instrumentation/ MALE/ PHENOBARBITAL, poisoning/ *POISONING, therapy

516. **Barbuti S:** Ricerche su alcune caratteristiche biochimiche e sulla sensibilità agli antibiotici di 30 ceppi L di Staphylococcus aureus Ann Sclavo 18(1):44–52, Jan–Feb 76 (Eng. Abstr.) **(Ita)**
*ANTIBIOTICS, pharmacodynamics/ COAGULASE, biosynthesis/ DEOXYRIBONUCLEASE, biosynthesis/ ENGLISH ABSTRACT/ HEMOLYSINS, biosynthesis/ *L FORMS/ L FORMS, drug effects/ MICROBIAL SENSITIVITY TESTS/ *STAPHYLOCOCCUS AUREUS/ STAPHYLOCOCCUS AUREUS, drug effects/ STAPHYLOCOCCUS AUREUS, metabolism

517. **Barceló P, Santamaría A, Obach Benach J, et al:** Our experiences with certain tests employed in immunological studies of rheumatoid arthritis. pp. 149–60. In: Wagenhauser FJ, ed. Chronic forms of polyarthritis. Bern, Huber, 1976. WE 344 C559 1975.
ANTIGEN-ANTIBODY REACTIONS/ ANTINUCLEAR FACTORS, analysis/ *ARTHRITIS, RHEUMATOID, immunology/ CHROMATOGRAPHY, GEL/ COMPLEMENT, analysis/ FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HL-A, analysis/ HUMAN/ IMMUNE ADHERENCE REACTION/ IMMUNOGLOBULINS, analysis/ MONOGRAPH/ SYNOVIAL FLUID, immunology/ SYNOVIAL MEMBRANE, analysis/ SYNOVIAL MEMBRANE, immunology

518. **Bardfeld PA, Yipintsoi T, Koerner SK, et al:** 131I-fibrinogen in the detection of pulmonary allograft rejection. Surgery 80(5):575–80, Nov 76
ANIMAL/ DOGS/ *FIBRINOGEN, diagnostic use/ *GRAFT REJECTION/ *IODINE RADIOISOTOPES, diagnostic use/ *LUNG, transplantation/ PAPAIN/ PNEUMONIA, chemically induced/ PNEUMONIA, diagnosis/ *RADIONUCLIDE IMAGING/ TRANSPLANTATION, ALLOGENEIC/ TRANSPLANTATION, AUTOLOGOUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

519. **Bargman GJ, Shahidi NT, Gilbert EF, et al:** Studies of malformation syndromes of man XLVII: disappearance of spermatogonia in the Fanconi anemia syndrome. Eur J Pediatr 125(3):163–8, 1 Jul 77
ADOLESCENCE/ *ANEMIA, APLASTIC, pathology/ AUTOPSY/ CASE REPORT/ ERYTHREMIC MYELOSIS, complications/ ERYTHREMIC MYELOSIS, pathology/ FANCONI'S ANEMIA, complications/ FANCONI'S ANEMIA, familial & genetic/ *FANCONI'S ANEMIA, pathology/ HEMORRHAGE, complications/ HUMAN/ HYPOGONADISM, complications/ MALE/ *SPERMATOGONIA/ *SPERMATOZOA/ TESTIS, pathology/ THROMBOSIS, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

520. **Barile C, Bretto P, Buzzacchino A:** Trombosi arteriosa poplitea da anomalia di decorso. Minerva Cardioangiol 25(4):341–6, Apr 77 (Eng. Abstr.) **(Ita)**
ADOLESCENCE/ ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *POPLITEAL ARTERY/ POPLITEAL ARTERY, abnormalities/ THROMBOSIS, etiology

521. **Barkagan ZS, Plotnikov GA:** O trombogennykh sdvigakh trombotsitarnogo gemostaza i svertyvaemosti krovi pri otmorozheniiakh Sov Med (3):125–8, Mar 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ *FROSTBITE, blood/ HUMAN/ *PLATELET AGGREGATION

522. **Barkhan P:** Therapeutic range with bctr [letter]. Thromb Haemostas 35(3):751, 30 Jun 76
*THROMBOPLASTIN

523. **Barkhan P, Shearer MJ:** Metabolism of vitamin K1 (phylloquinone) in man. Proc R Soc Med 70(02):93–6, Feb 77
DIET/ HUMAN/ INTESTINAL ABSORPTION/ NUTRITIONAL REQUIREMENTS/ PHYTONADIONE, administration & dosage/ *PHYTONADIONE, metabolism/ VITAMIN K, metabolism/ WARFARIN, pharmacodynamics

524. **Barksdale C:** Medical grand rounds. J Med Assoc State Ala 46(5):28–32, Nov 76
ACUTE DISEASE/ ADMINISTRATION, ORAL/ *ANTICOAGULANTS, administration & dosage/ DRUG EVALUATION/ HUMAN/ INJECTIONS, INTRAVENOUS/ *MYOCARDIAL INFARCT, drug therapy/ UNITED STATES

525. **Barlow GH:** Urinary and kidney cell plasminogen activator (urokinase). Methods Enzymol 45:239–44, 1976
AMINO ACIDS, analysis/ CELL LINE/ FIBRIN, physiology/ HUMAN/ *KIDNEY, enzymology/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *UROKINASE/ UROKINASE, analysis/ UROKINASE, isolation & purification

526. **Barnard DF, Carter AB, Crosland-Taylor PJ, et al:** Comparison of Isoton and Isoton II. Med Lab Sci 33(4):321–4, Oct 76
*AZIDES/ *BLOOD CELL COUNT, methods/ BLOOD PRESERVATION/ COMPARATIVE STUDY/ HUMAN/ ISOTONIC SOLUTIONS

527. **Barnes HM, Sarkany I:** Adverse skin reaction from vitamin K1. Br J Dermatol 95(6):653–6, Dec 76
ADULT/ CASE REPORT/ *ERYTHEMA, chemically induced/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR, adverse effects/ LIVER DISEASES, drug therapy/ *PHYTONADIONE, adverse effects/ PHYTONADIONE, therapeutic use

528. **Barnes RW, Kinkead LR, Wu KK, et al:** Venous thrombosis in suspected pulmonary embolism: incidence detectable by Doppler ultrasound. Thromb Haemostas 36(1):150–6, 31 Aug 76
ADOLESCENCE/ ADULT/ AGED/ DOPPLER EFFECT/ FEMALE/ FEMORAL VEIN/ HUMAN/ ILIAC VEIN/ LEG, blood supply/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ *PULMONARY EMBOLISM, diagnosis/ RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ THROMBOSIS, diagnosis/ THROMBOSIS, radiography/ *ULTRASONICS, diagnostic use

529. **Barnes RW, Slaymaker EE, Hahn FJ:** Thromboembolic complications of angiography for peripheral arterial disease: prospective assessment by Doppler ultrasound. Radiology 122(2):459–61, Feb 77
ADULT/ AGED/ *ANGIOGRAPHY, adverse effects/ ARTERIES/ BLOOD CIRCULATION/ BLOOD PRESSURE/ CATHETERIZATION/ DOPPLER EFFECT/ EXTREMITIES, blood supply/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROSPECTIVE STUDIES/ THROMBOEMBOLISM, diagnosis/ *THROMBOEMBOLISM, etiology/ *ULTRASONICS, diagnostic use/ *VASCULAR DISEASES, radiography

530. **Barnes RW:** Prospective screening for deep vein thrombosis in high risk patients. Am J Surg 134(2):187–90, Aug 77
ABDOMEN, surgery/ AMPUTATION/ HIP JOINT, surgery/ HUMAN/ JOINT PROSTHESIS/ OBESITY, therapy/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ PROSPECTIVE STUDIES/ RISK/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, occurrence/ *ULTRASONICS, diagnostic use/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

531. **Barnes RW, Hokanson DE, Wu KK, et al:** Detection of deep

vein thrombosis with an automatic electrically calibrated strain gauge plethysmograph. Surgery 82(2):219–23, Aug 77
DOPPLER EFFECT/ FEMORAL VEIN/ HUMAN/ ILIAC VEIN/ *LEG, blood supply/ PHLEBOGRAPHY/ *PLETHYSMOGRAPHY, instrumentation/ POPLITEAL VEIN/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS, diagnostic use

532. **Barnett HG, Clifford JR, Llewellyn RC:** Safety of mini-dose heparin administration for neurosurgical patients. J Neurosurg 47(1):27–30, Jul 77
*HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HUMAN/ *NEUROSURGERY/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control

533. **Barnett HJ:** Platelet and coagulation function in relation to thromboembolic stroke. Adv Neurol 16:45–70, 1977 (57 ref.)
ADULT/ ANIMAL/ ARTERIOSCLEROSIS, complications/ *BLOOD COAGULATION/ BLOOD FLOW VELOCITY/ *BLOOD PLATELETS, physiology/ BLOOD PLATELETS, radiation effects/ BLOOD VISCOSITY/ CAROTID ARTERIES, pathology/ CAROTID ARTERIES, radiography/ CAROTID ARTERY THROMBOSIS/ *CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ CEREBRAL EMBOLISM AND THROMBOSIS, pathology/ CONTRACEPTIVES, ORAL, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ FIBRINOLYSIS/ HEART VALVE PROSTHESIS, adverse effects/ HOMOCYSTINURIA, complications/ HUMAN/ LASERS/ MENINGEAL ARTERIES, pathology/ PIA MATER, blood supply/ PREGNANCY/ RABBITS/ REVIEW/ RHEOLOGY

534. **Barnhart MI, Lusher JM:** The human spleen as revealed by scanning electron microscopy. Am J Hematol 1(2):243–64, 1976
ANEMIA, SICKLE CELL, pathology/ CHILD/ COMPARATIVE STUDY/ ERYTHROCYTE MEMBRANE, ultrastructure/ FEMALE/ HODGKIN'S DISEASE, pathology/ HUMAN/ LEUKEMIA, LYMPHOBLASTIC, pathology/ MALE/ MICROCIRCULATION/ *MICROSCOPY, ELECTRON, SCANNING/ PURPURA, THROMBOPENIC, pathology/ SPHEROCYTOSIS, HEREDITARY, pathology/ SPLEEN, blood supply/ *SPLEEN, ultrastructure/ THALASSEMIA, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

535. **Barns RJ, Elmslie RG:** Preparation of porcine enteropeptidase free of intestinal aminopeptidase activity with Con A–Sepharose. Biochim Biophys Acta 445(3):815–8, 11 Oct 76
*AMINOPEPTIDASES, isolation & purification/ ANIMAL/ BINDING SITES/ CHROMATOGRAPHY, AFFINITY/ CONCANAVALIN A/ *INTESTINAL MUCOSA, enzymology/ *INTESTINE, SMALL, enzymology/ *PEPTIDE HYDROLASES, isolation & purification/ PROTEIN BINDING/ SWINE

536. **Barns RJ, Elmslie RG:** The effect of calcium ions on the hydrolysis of benzoylarginine ethyl ester by porcine enteropeptidase. Biochim Biophys Acta 452(1):161–4, 8 Nov 76
*ARGININE, analogs & derivatives/ ARGININE, metabolism/ BENZAMIDES, metabolism/ *CALCIUM, pharmacodynamics/ *ENTEROPEPTIDASE, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

537. **Barns RJ, Elmslie RG:** Identification of a mucosal form of enteropeptidase in triton X-100 extracts of porcine duodenal mucosa. Biochim Biophys Acta 480(2):450–60, 9 Feb 77
AMINOPEPTIDASES, metabolism/ *AMMONIUM COMPOUNDS/ CHROMATOGRAPHY, GEL/ *DUODENUM, enzymology/ *ENTEROPEPTIDASE, isolation & purification/ ENTEROPEPTIDASE, metabolism/ *INTESTINAL MUCOSA, enzymology/ PAPAIN/ PEPTIDE HYDROLASES/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ SWINE/ *TRITONS/ TRYPSIN

538. **Barns RJ, Elmslie RG:** Determination of enteropeptidase activity in human duodenal aspirates. Clin Chim Acta 79(1):55–61, 15 Aug 77
CALCIUM/ *DUODENUM, enzymology/ *ENTEROPEPTIDASE, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ TIME FACTORS/ TRYPSIN, metabolism

539. **Baron M, Leiter E, Brendler H:** Preoperative diagnosis of renal angiomyolipoma. J Urol 117(6):701–3, Jun 77
ADENOCARCINOMA, radiography/ AGED/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMANGIOMA, radiography/ HUMAN/ *KIDNEY NEOPLASMS, radiography/ *LIPOMA, radiography/ MALE/ RENAL ARTERY, radiography

540. **Barr M Jr, Burdi AR:** Warfarin-associated embryopathy in a 17-week-old abortus. Teratology 14(2):129–34, Oct 76
*ABNORMALITIES, DRUG-INDUCED/ ABNORMALITIES, DRUG-INDUCED, pathology/ ABORTION, INDUCED/ ANTHROPOMETRY/ CARTILAGE, abnormalities/ CARTILAGE, pathology/ CASE REPORT/ FACE, abnormalities/ FEMALE/ FINGERS, abnormalities/ HUMAN/ IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS, drug therapy/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ PREGNANCY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, adverse effects

541. **Barr RD, Ouna N, Simpson JG, et al:** Dysfibrinogenaemia and primary hepato-cellular carcinoma. Q J Med 45(180):647–59, Oct 76
ADULT/ AFIBRINOGENEMIA, diagnosis/ *AFIBRINOGENEMIA, etiology/ BLOOD COAGULATION TESTS/ FEMALE/ FIBRINOGEN, analysis/ *HEPATOMA, blood/ HUMAN/ *LIVER NEOPLASMS, blood/ MALE/ MIDDLE AGE/ REPTILASE, diagnostic use/ SERUM GLOBULINS

542. **Barr RD, Ouna N, Rees PH:** Blood coagulation, fibrinolysis and the mercurial nephrotic syndrome. J Trop Med Hyg 79(10):235–6, Oct 76
ADOLESCENCE/ ADULT/ ANIMAL/ *BLOOD COAGULATION/ DOGS/ FACTOR V/ FACTOR VIII/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MALE/ *MERCURY POISONING, blood/ MIDDLE AGE/ NEPHROTIC SYNDROME, blood/ *NEPHROTIC SYNDROME, chemically induced/ NEPHROTIC SYNDROME, complications/ THROMBOEMBOLISM, etiology

543. **Barr RD, Ouna N, Bagshawe AF:** Portal vein thrombosis in adults. S Afr Med J 51(18):629–31, 30 Apr 77
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ CHILD/ FEMALE/ FIBRINOLYSIS/ HUMAN/ HYPERTENSION, PORTAL, etiology/ MALE/ MIDDLE AGE/ *PORTAL VEIN/ *THROMBOSIS, blood/ THROMBOSIS, complications

544. **Barratt ME, Fell HB, Coombs RR, et al:** The pig synovium, II. Some properties of isolated intimal cells. J Anat 123(1):47–66, Feb 77
ANIMAL/ COMPLEMENT/ ERYTHROCYTES, immunology/ IMMUNOLOGIC TECHNICS/ IN VITRO/ MICROSCOPY, ELECTRON/ ORGAN CULTURE/ PHAGOCYTOSIS/ SWINE/ SYNOVIAL MEMBRANE, immunology/ *SYNOVIAL MEMBRANE, physiology/ SYNOVIAL MEMBRANE, ultrastructure/ TRYPSIN, pharmacodynamics

545. **Barrer MJ, Ellison N:** Platelet function. Anesthesiology 46(3):202–11, Mar 77

BLOOD COAGULATION FACTORS, physiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ EXTRACORPOREAL CIRCULATION/ HUMAN/ PLATELET ADHESIVENESS/ TEMPLATES/ TOURNIQUETS

546. **Barrett D, Edwards BF:** Hatching enzyme of the sea urchin Strongylocentrotus purpuratus. Methods Enzymol 45:354–73, 1976
ANIMAL/ CALCIUM, pharmacodynamics/ CASEIN/ COMPARATIVE STUDY/ DRUG STABILITY/ *EMBRYO, NON-MAMMALIAN, enzymology/ FERTILIZATION/ KINETICS/ MAGNESIUM, pharmacodynamics/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ *SEA URCHINS, enzymology/ SPECIES SPECIFICITY

547. **Barrett J:** Studies on the induction of permeability in Ascaris lumbricoides eggs. Parasitology 73(1):109–21, Aug 76
ANILINO NAPHTHALENESULFONATES, metabolism/ ANIMAL/ ASCARIS, enzymology/ *ASCARIS, physiology/ ESTERASES, metabolism/ FLUORESCENCE/ GLYCOSIDE HYDROLASES, metabolism/ MOLECULAR CONFORMATION/ OVUM, drug effects/ OVUM, metabolism/ OVUM, physiology/ PEPTIDE HYDROLASES, metabolism/ PERMEABILITY/ TEMPERATURE

548. **Barrett JC, Crawford BD, Ts'o PO:** Quantitation of fibrinolytic activity of Syrian hamster fibroblasts using 3H-labeled fibrinogen prepared by reductive alkylation. Cancer Res 37(4):1182–5, Apr 77
ALKYLATION/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ *FIBRINOGEN/ FIBRINOGEN, chemical synthesis/ *FIBRINOLYSIS/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES, analysis/ TRITIUM/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

549. **Barrett JT, Whiteaker RS:** Serological studies with the ficin–antificin system. Enzyme 22(4):266–9, 1977
*ANTIGENIC DETERMINANTS/ FICIN, antagonists & inhibitors/ *FICIN, immunology/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ IMMUNE SERUMS/ PASSIVE CUTANEOUS ANAPHYLAXIS/ *PEPTIDE PEPTIDOHYDROLASES, immunology/ RABBITS, immunology

550. **Barrilero AE:** Renal angiomyolipoma: a study of 13 cases. J Urol 117(5):547–52, May 77
ADULT/ AGED/ ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMANGIOMA, complications/ HEMANGIOMA, pathology/ *HEMANGIOMA, radiography/ HEMANGIOMA, therapy/ HUMAN/ KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, pathology/ *KIDNEY NEOPLASMS, radiography/ KIDNEY NEOPLASMS, therapy/ KIDNEY, POLYCYSTIC, complications/ LIPOMA, complications/ LIPOMA, pathology/ *LIPOMA, radiography/ LIPOMA, therapy/ MALE/ MIDDLE AGE/ TUBEROUS SCLEROSIS, complications

551. **Barrillon A:** Utilité des anticoagulants pour le traitement de l'infarctus myocardique cicatrisé Rev Med Liege 32(7):193–201, 1 Apr 77 **(Fre)**
*ANTICOAGULANTS, therapeutic use/ CICATRIX, complications/ CICATRIX, drug therapy/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy/ TIME FACTORS

552. **Barrio Corrales F, Alvarado F, Nistal M, et al:** Trombosis arterial y venosa en un recién nacido An Esp Pediatr 9(5):484–8, Sep–Oct 76 (Eng. Abstr.) **(Spa)**
CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ INFANT, NEWBORN, DISEASES, therapy/ *RENAL ARTERY OBSTRUCTION, therapy/ RENAL VEINS/ *THROMBOSIS/ THROMBOSIS, therapy

553. **Barrowcliffe TW, Sims GE:** Absorption of heparin by kaolin [letter]. Thromb Haemostas 36(2):483–4, 30 Nov 76
ABSORPTION/ BLOOD COAGULATION TESTS, methods/ DIAGNOSTIC ERRORS/ *HEPARIN, blood/ HUMAN/ *KAOLIN, diagnostic use/ THROMBOPLASTIN

554. **Bartel M, Endmann P:** Spätkomplikationen an den grossen Gefässen nach Verletzungen im Bereich des Schultergelenkes Z Aerztl Fortbild (Jena) 71(4):153–7, 15 Feb 77 **(Ger)**
ADOLESCENCE/ ADULT/ ANEURYSM, radiography/ ARTERIAL OCCLUSIVE DISEASES, radiography/ ARTERIOVENOUS FISTULA, radiography/ AXILLARY ARTERY, injuries/ AXILLARY ARTERY, radiography/ AXILLARY VEIN, injuries/ AXILLARY VEIN, radiography/ *BLOOD VESSELS, injuries/ CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ *SHOULDER JOINT, injuries/ SUBCLAVIAN ARTERY, injuries/ SUBCLAVIAN ARTERY, radiography/ SUBCLAVIAN VEIN, injuries/ SUBCLAVIAN VEIN, radiography/ THROMBOSIS, radiography

555. **Bartel' V, Gluza E, Markvardt F:** Sravnitel'noe vliianie khlorpromazina, imipramina i papaverina na funktsiiu krovianykh plastinok Farmakol Toksikol 39(3):296–301, May–Jun 76 (Eng. Abstr.) **(Rus)**
ABSORPTION/ ADENOSINE, antagonists & inhibitors/ ADENOSINE, blood/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, physiology/ *CHLORPROMAZINE, pharmacodynamics/ CLOT RETRACTION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ *IMIPRAMINE, pharmacodynamics/ *PAPAVERINE, pharmacodynamics/ PHOSPHODIESTERASES, antagonists & inhibitors/ PHOSPHODIESTERASES, blood/ PLATELET AGGREGATION, drug effects/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, blood

556. **Bartels KH, Iffland E, Lagenstein I:** Gerinnungsphysiologische Untersuchungen bei 54 mit Dipropylessigsäure behandelten Patienten Med Welt 27(52–53):2519–21, 24 Dec 76 **(Ger)**
ADOLESCENCE/ ADULT/ ANTICONVULSANTS, therapeutic use/ *BLOOD COAGULATION, drug effects/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ DIPROPYL ACETATE, adverse effects/ *DIPROPYL ACETATE, pharmacodynamics/ DIPROPYL ACETATE, therapeutic use/ FEMALE/ HUMAN/ LONG TERM CARE/ MALE/ *VALERATES, pharmacodynamics

557. **Bartels O:** Akute Arzneimittel-Nebenwirkungen. Ursachen und Vermeidung Fortschr Med 94(28):1532–40, 1543, 7 Oct 76 (Eng. Abstr.) **(Ger)**
ANALGESICS AND ANTIPYRETICS, adverse effects/ ANTICOAGULANTS, adverse effects/ APPETITE DEPRESSANTS, adverse effects/ *DRUG THERAPY, adverse effects/ ENGLISH ABSTRACT/ HEMORRHAGE, chemically induced/ HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/ HYPOGLYCEMIA, chemically induced/ SELF MEDICATION/ SULFONYLUREA COMPOUNDS, adverse effects

558. **Bartelt DC, Shapanka R, Greene LJ:** The primary structure of the human pancreatic secretory trypsin inhibitor. Amino acid sequence of the reduced S-aminoethylated protein. Arch Biochem Biophys 179(1):189–99, Feb 77
AMINO ACID SEQUENCE/ ANIMAL/ HUMAN/ OXIDATION-REDUCTION/ PANCREAS/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ *TRYPSIN INHIBITOR, KAZAL PANCREATIC/ *TRYPSIN INHIBITORS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

559. **Barth VJ:** Historische und aktuelle Aspekte der Fotosensibilisierung Dermatol Monatsschr 162(12):961–73, Dec 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ COUMARINS, adverse effects/ ENGLISH ABSTRACT/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ *PHOTOSENSITIZATION,

chemically induced/ PHOTOSENSITIZATION, history/ ULTRAVIOLET RAYS, adverse effects

560. **Barthels M, Sandvoss G:** 'Fibrinogen Hannover', ein weiteres atypisches Fibrinogen Blut 34(2):99–106, Feb 77 (Eng. Abstr.) **(Ger)**
ADULT/ *BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ CASE REPORT/ ENGLISH ABSTRACT/ *FIBRINOGEN/ HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ MALE

561. **Barthels M, Borchers H, Poliwoda H, et al:** Untersuchungen über die Auswirkung von Thrombozytopenien auf die Fibrin-Stabilisierung Fortschr Med 95(19):1281–4, 19 May 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ FACTOR VIII, pharmacodynamics/ FACTOR XIII, pharmacodynamics/ FEMALE/ *FIBRIN, biosynthesis/ HUMAN/ IN VITRO/ PHOSPHOLIPIDS/ THROMBIN, physiology/ *THROMBOPENIA, physiopathology

562. **Bartholomew C, Murphy JJ, McGeeney KF, et al:** Exocrine pancreatic response to the venom of the scorpion, Tityus trinitatis. Gut 18(8):623–5, Aug 77
AMYLASE, metabolism/ ANIMAL/ DOGS/ LIPASE, metabolism/ *PANCREAS, drug effects/ PANCREAS, enzymology/ PANCREATIC JUICE, enzymology/ *PANCREATIC JUICE, secretion/ *SCORPIONS/ TRINIDAD/ TRYPSIN, metabolism/ VENOMS, administration & dosage/ *VENOMS, pharmacodynamics

563. **Bartkowski S:** Patogeneza i leczenie bakteryjnego zapalenia kości na podstawie własnych badań Czas Stomatol 30(2):157–62, Feb 77 (Eng. Abstr.) **(Pol)**
*ANTIBIOTICS, therapeutic use/ *BACTERIAL INFECTIONS/ BACTERIAL INFECTIONS, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ *OSTEOMYELITIS, drug therapy/ OSTEOMYELITIS, etiology

564. **Bartlett GR:** Adenine: chemistry, analytical methods, sources, purity, and specifications. Transfusion 17(4):333–8, Jul–Aug 77
*ADENINE/ ADENINE, standards/ BLOOD PRESERVATION/ CHEMISTRY/ PURINES, metabolism/ SOLUBILITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ URIC ACID, biosynthesis

565. **Bartlett GR:** Biology of free and combined adenine: distribution and metabolism. Transfusion 17(4):339–50, Jul–Aug 77
*ADENINE NUCLEOTIDES, metabolism/ ADENINE PHOSPHORIBOSYLTRANSFERASE, deficiency/ *ADENINE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE MONOPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ASCITES, metabolism/ BLOOD PLATELETS, metabolism/ BRAIN, metabolism/ ERYTHROCYTES, metabolism/ FIBROBLASTS, metabolism/ HUMAN/ HYPOXANTHINE PHOSPHORIBOSYLTRANSFERASE, metabolism/ LESCH-NYHAN SYNDROME, metabolism/ MYOCARDIUM, metabolism/ PHOSPHORIBOSYL PYROPHOSPHATE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

566. **Bartlett JE, Kishore PR:** Intracranial cavernous angioma. Am J Roentgenol 128(4):653–6, Apr 77
ADOLESCENCE/ ADULT/ *BRAIN NEOPLASMS, radiography/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ MALE/ PNEUMOENCEPHALOGRAPHY/ TOMOGRAPHY, COMPUTERIZED AXIAL

567. **Bartlett JG, Gorbach SL:** Anaerobic infections of the head and neck. Otolaryngol Clin North Am 9(3):655–78, Oct 76
ACTINOMYCOSIS, diagnosis/ ACTINOMYCOSIS, microbiology/ ACTINOMYCOSIS, therapy/ ANAEROBIOSIS/ *BACTERIAL INFECTIONS/ BACTERIAL INFECTIONS, etiology/ CENTRAL NERVOUS SYSTEM DISEASES, etiology/ HUMAN/ LUDWIG'S ANGINA, microbiology/ OTITIS MEDIA, microbiology/ *OTORHINOLARYNGOLOGIC DISEASES, microbiology/ SINUSITIS, diagnosis/ SINUSITIS, microbiology/ THROMBOPHLEBITIS, etiology

568. **Barton R:** Organic mental disorder (organic brain syndrome). Practitioner 217(1297):91–9, Jul 76
BEHAVIOR/ CONSCIOUSNESS/ DELIRIUM, therapy/ HUMAN/ INTERVIEW, PSYCHOLOGICAL/ *MENTAL DISORDERS/ MENTAL DISORDERS, diagnosis/ NEOPLASMS, complications/ *NONPSYCHOTIC ORGANIC BRAIN SYNDROME/ NONPSYCHOTIC ORGANIC BRAIN SYNDROME, diagnosis/ NONPSYCHOTIC ORGANIC BRAIN SYNDROME, etiology/ NONPSYCHOTIC ORGANIC BRAIN SYNDROME, therapy/ PSYCHOTHERAPY/ QUALITY OF LIFE/ THROMBOEMBOLISM, complications/ VITAMINS, therapeutic use/ WOUNDS AND INJURIES, complications

569. **Barton S, Karpinski E, Moriwaki C, et al:** Sialotonin: vasopressor substance in saliva and submandibular gland of the cat. J Physiol (Lond) 261(3):523–33, Oct 76
ANIMAL/ CATS/ DENERVATION/ KALLIKREIN/ PARASYMPATHETIC NERVOUS SYSTEM, physiology/ REGIONAL BLOOD FLOW, drug effects/ *SALIVA, analysis/ SALIVARY PROTEINS, analysis/ *SALIVARY PROTEINS, isolation & purification/ SALIVARY PROTEINS, pharmacodynamics/ *SUBMANDIBULAR GLAND, analysis/ SUBMANDIBULAR GLAND, blood supply/ SUBMANDIBULAR GLAND, physiology/ SYMPATHETIC NERVOUS SYSTEM, physiology/ *VASOCONSTRICTOR AGENTS, isolation & purification/ VASOCONSTRICTOR AGENTS, pharmacodynamics

570. **Bartos J, Tersip K, Vancura J:** Reoperations after vascular surgery of lower extremities.
Acta Univ Carol [Med] (Praha) 21(7–8):305–74, 1975
*ARTERIES, surgery/ ENDARTERECTOMY/ FEMORAL ARTERY, surgery/ HEMORRHAGE, surgery/ HUMAN/ ILIAC ARTERY, surgery/ *LEG, blood supply/ POPLITEAL ARTERY, surgery/ *POSTOPERATIVE COMPLICATIONS, surgery/ THROMBOSIS, surgery

571. **Bartsich EG, Cremona JH, Dillon TF:** Coagulation of the infundibulopelvic ligament during laparoscopic tubal sterilization: a report of an unusual complication.
Am J Obstet Gynecol 127(8):888, 15 Apr 77
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ LAPAROSCOPY, adverse effects/ LAPAROTOMY/ *LIGAMENTS, blood supply/ *OVARY, blood supply/ *STERILIZATION, TUBAL, adverse effects/ *THROMBOSIS, etiology

572. **Bary Sv, Kortmann H, Köpcke W:** Berstungsdrucke des enterotomierten Rattencolons unter Proteinaseinhibition Res Exp Med (Berl) 168(2):123–8, 25 Aug 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ COLON, enzymology/ *COLON, surgery/ ENGLISH ABSTRACT/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MALE/ RATS/ *SURGICAL WOUND DEHISCENCE, prevention & control/ WOUND HEALING, drug effects

573. **Basdevant A, de Lignieres B, Mauvais-Jarvis P:** Perturbations du métabolisme lipidique et augmentation du risque vasculaire provoquées par les stéroïdes contraceptifs Nouv Presse Med 6(17):1469–72, 23 Apr 76 **(Fre)**
ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ *ESTROGENS, SYNTHETIC, adverse effects/ FEMALE/ HUMAN/ *HYPERLIPEMIA, chemically induced/ LIPOPROTEINS, blood/ MIDDLE AGE/ PHOSPHOLIPIDS, blood/ *PROGESTATIONAL HORMONES, SYNTHETIC, adverse effects/

RISK/ *THROMBOEMBOLISM, chemically induced/ TRIGLYCERIDES, blood

574. **Baseler F, Eule H, Menne W, et al:** Die postoperative Behandlung nach Lungenresektionen im höheren Lebensalter. Zentralbl Chir 102(10):617–20, 1977 (Eng. Abstr.) **(Ger)**
AGED/ BRONCHI, secretion/ DRAINAGE, methods/ ENGLISH ABSTRACT/ HUMAN/ LUNG NEOPLASMS, surgery/ *PNEUMONECTOMY/ *POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, mortality/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control

575. **Bashir AH:** Spontaneous radial hemi-amputation of the left hand: case report. Hand 9(1):65–6, Feb 77
AMPUTATION/ *ARTERIAL OCCLUSIVE DISEASES, complications/ ARTERIAL OCCLUSIVE DISEASES, diagnosis/ BRACHIAL ARTERY/ CASE REPORT/ *FINGERS, blood supply/ *GANGRENE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ SUBCLAVIAN ARTERY/ THROMBOEMBOLISM, complications/ THROMBOEMBOLISM, diagnosis/ *THUMB, blood supply

576. **Baskin BL, Meltz SK, Glade PR:** Antigen responsiveness of an established human B-lymphoid cell line. I. Evidence for a surface receptor for Candida antigen detected by direct migration inhibition. Cell Immunol 26(2):264–73, Oct 76
*ANTIGENS, FUNGAL/ *B-LYMPHOCYTES, immunology/ *CANDIDA ALBICANS, immunology/ CELL LINE/ CELL MIGRATION INHIBITION/ DOSE-RESPONSE RELATIONSHIP, IMMUNOLOGIC/ HUMAN/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

577. **Baskin TW, Rosenthal A, Pruitt BA:** Acute bacterial endocarditis: a silent source of sepsis in the burn patient. Ann Surg 184(5):618–, Nov 76
ACUTE DISEASE/ ADULT/ *BURNS, complications/ CATHETERIZATION, adverse effects/ ENDOCARDITIS, BACTERIAL, diagnosis/ *ENDOCARDITIS, BACTERIAL, etiology/ ENDOCARDITIS, BACTERIAL, pathology/ HUMAN/ MALE/ SEPTICEMIA, complications/ SEPTICEMIA, etiology/ STAPHYLOCOCCAL INFECTIONS, etiology/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, etiology

578. **Baskova IP, Memon MS, Romanov VV, et al:** Opredelenie metodom krugovogo dikhroizma vtorichnoĭ struktury protrombina pri raznoĭ stepeni tsitrakonilirovaniia Biokhimiia 42(1):95–9, Jan 77 (Eng. Abstr.) **(Rus)**
CHEMISTRY/ CIRCULAR DICHROISM/ *CITRACONIC ACID/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *MALEATES/ PEPTIDE FRAGMENTS/ POLYLYSINE/ PROTEIN CONFORMATION/ *PROTHROMBIN

579. **Baskova IP, Mirkamalova EG:** Izmenenie aktivnosti protrombina pod deĭstviem plazmina, immobilizovannogo na L-lizin-sefaroze 4B Biokhimiia 42(2):293–6, Feb 77 (Eng. Abstr.) **(Rus)**
CASEIN, metabolism/ CATTLE/ ENGLISH ABSTRACT/ *ENZYMES, IMMOBILIZED/ *FIBRINOLYSIN/ FIBRINOLYSIN, isolation & purification/ FIBRINOLYSIN, metabolism/ HUMAN/ *PROTHROMBIN, metabolism/ SEPHAROSE

580. **Baskova IP, Cherkesova DU, Mosolov VV:** Ochistka girudina metodom izoelektricheskogo fokusirovaniia Biokhimiia 41(5):939–41, May 76 (Eng. Abstr.) **(Rus)**
CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, AGAROSE/ ENGLISH ABSTRACT/ *HIRUDIN, isolation & purification/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ TRYPSIN, diagnostic use

581. **Bass DA:** Reproduction of the eosinopenia of acute infection by passive transfer of a material obtained from inflammatory exudate. Infect Immun 15(2):410–6, Feb 77
ADRENALECTOMY/ ANIMAL/ *EOSINOPHILS/ *EXUDATES AND TRANSUDATES/ EXUDATES AND TRANSUDATES, drug effects/ HEAT/ *INFLAMMATION/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LEUKOCYTE COUNT/ *LEUKOPENIA, etiology/ LYMPHOCYTES/ MICE/ MICE, INBRED C3H/ NEUTROPHILS/ PASSIVE TRANSFER/ PERITONEAL FLUID/ STREPTOCOCCUS PNEUMONIAE/ ULTRAFILTRATION

582. **Bass EM, Crosier JH:** Percutaneous control of post-traumatic hepatic hemorrhage by gelfoam embolization. J Trauma 17(1):61–3, Jan 77
ADULT/ ANEURYSM, radiography/ ANEURYSM, therapy/ CASE REPORT/ *CELIAC ARTERY/ CELIAC ARTERY, radiography/ *EMBOLIZATION, THERAPEUTIC/ GELFOAM/ HEMATOMA, radiography/ *HEMORRHAGE, therapy/ HUMAN/ *LIVER, injuries/ LIVER, radiography/ LIVER, surgery/ MALE

583. **Bassan MM, Rogel S:** Current practice in the use of anticoagulants for ischemic heart disease: a survey of 200 hospitals. Heart Lung 5(5):742–6, Sep-Oct 76
ANGINA PECTORIS, drug therapy/ *ANTICOAGULANTS, therapeutic use/ COMPARATIVE STUDY/ *CORONARY DISEASE, drug therapy/ DRUG UTILIZATION/ EUROPE/ GREAT BRITAIN/ HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ THROMBOEMBOLISM, prevention & control/ UNITED STATES

584. **Bassett JR, Cairncross KD:** Changes in the coronary vascular system following prolonged exposure to stress. Pharmacol Biochem Behav 6(3):311–8, Mar 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, cytology/ *CORONARY VESSELS, ultrastructure/ CORTICOSTERONE, blood/ ENDOTHELIUM, ultrastructure/ INTERCELLULAR JUNCTIONS, ultrastructure/ LIPIDS, analysis/ MALE/ MYOCARDIUM, ultrastructure/ RATS/ STRESS, blood/ *STRESS, pathology

585. **Bassi G:** Les phlébites ambulatoires. Introduction Phlebologie 30(1):3–6, Jan-Mar 77 **(Fre)**
AGED/ AMBULATORY CARE/ HUMAN/ *PHLEBITIS/ PHLEBITIS, etiology/ PHLEBITIS, therapy/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, therapy

586. **Basta LL, Anderson LS, Acers TE:** Regression of orbital hemangioma detected by echography. Arch Ophthalmol 95(8):1383–6, Aug 77
CASE REPORT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ INFANT/ *NEOPLASM REGRESSION, SPONTANEOUS/ *ORBITAL NEOPLASMS, diagnosis/ *ULTRASONICS, diagnostic use

587. **Bastomsky CH, McQuaid MP, Greenidge NE:** Minimal effects of free fatty acids on the competitive protein-binding assay of serum thyroxine on reusable Sephadex columns. Clin Chim Acta 75(3):475–81, 15 Mar 77
ANIMAL/ CHROMATOGRAPHY, GEL/ DIETARY FATS/ EVALUATION STUDIES/ *FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN, pharmacodynamics/ HUMAN/ MALE/ OLEIC ACIDS, blood/ OLEIC ACIDS, pharmacodynamics/ RADIOLIGAND ASSAY/ RATS/ SERUM ALBUMIN/ *THYROXINE, blood/ TRIIODOTHYRONINE, blood

588. **Bates LS, Moreno E, Zillinsky FJ, et al:** Effect of epsilon-amino caproic acid foliar spray on seed set and embryo formation in Triticum turgidum L. var. durum x Secale cereale. Chem Biol Interact 17(3):363–5, Jun 77
*AMINOCAPROIC ACIDS, pharmacodynamics/ CELL DIVISION, drug effects/ HYBRIDIZATION/ *PLANTS, physiology/ RYE, drug effects/ RYE, physiology/ SEEDS, drug effects/ *SEEDS, physiology/ SPECIES SPECIFICITY/ WHEAT, drug effects/ WHEAT, physiology/ *6-AMINOCAPROIC ACID, pharmacodynamics

589. **Batrak AA:** Gemokoaguliatsiia i lipidnyĭ obmen u bol'nykh koronarnym aterosklerozom Vrach Delo (6):17–9, Jun 76 (Eng. Abstr.) **(Rus)**
AGED/ *BLOOD COAGULATION/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ *LIPIDS, blood/ MALE/ MIDDLE AGE

590. **Baue AE:** The effect of stored blood on mesenteric oxygen extraction during endotoxic shock. Invited commentary. World J Surg 1(1):91, Jan 77
ACIDS/ ANIMAL/ *BLOOD PRESERVATION/ BLOOD/ CITRATES/ DIPHOSPHOGLYCERIC ACIDS, blood/ DOGS/ ERYTHROCYTES, metabolism/ FEMALE/ GLUCOSE/ HYDROGEN-ION CONCENTRATION/ MALE/ MESENTERY, blood supply/ *MESENTERY, physiopathology/ OXYGEN, blood/ OXYHEMOGLOBIN/ *SHOCK, SEPTIC, physiopathology

591. **Bauer K, Tragl KH, Deutsch E:** Immunochemical investigations on a monoclonal IgM paraprotein (morbus Waldenström). pp. 167–70.
In: Deutsch E, et al., ed. Molecular base of malignancy. Stuttgart, Thieme, 1976. QZ 202 M718 1976.
ACETRIZOIC ACID, adverse effects/ BLOOD COAGULATION, drug effects/ *CONTRAST MEDIA, adverse effects/ HUMAN/ *IGM/ IMMUNOCHEMISTRY/ IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, FC/ IODIPAMIDE, adverse effects/ IOGLYCAMIC ACID, adverse effects/ *MACROGLOBULINEMIA, complications/ MEGLUMINE, adverse effects/ MONOGRAPH/ *PARAPROTEINS

592. **Baugh RJ, Garner DL, Johnson DA, et al:** Regulation of the leukocyte proteinases by the human plasma proteinase inhibitors. p. 393.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
*BLOOD PROTEINS, physiology/ CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN, antagonists & inhibitors/ HUMAN/ *LEUKOCYTES, enzymology/ MONOGRAPH/ PANCREATOPEPTIDASE, blood/ PANCREATOPEPTIDASE, isolation & purification/ *PEPTIDE HYDROLASES, blood/ PEPTIDE HYDROLASES, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

593. **Baulande M, Baulande G, Tournay R:** Dynamique circulatoire et courants excito-moteurs. Une association dissuasive dans la prophylaxie de la thrombose post-opératoire Electrodiagn Ther 13(4):97–107, 1976 **(Fre)**
*ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ BANDAGES/ DEXTRAN, therapeutic use/ *ELECTROTHERAPY/ FEMALE/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOSIS, prevention & control

594. **Baumann G:** Indikation, Technik und Ergebnisse der Thrombektomie Chirurg 47(3):112–7, Mar 76 **(Ger)**
ARTERIOVENOUS SHUNT, SURGICAL/ HUMAN/ METHODS/ PHLEBOGRAPHY/ SAPHENOUS VEIN, surgery/ THROMBOPHLEBITIS, radiography/ *THROMBOPHLEBITIS, surgery

595. **Baumann H, Wilson KJ, Chen PS, et al:** The amino-acid sequence of a peptide (PS-1) from Drosophila funebris: a paragonial peptide from males which reduces the receptivity of the female. Eur J Biochem 52(3):521–9, 1 Apr 75
AMINO ACID SEQUENCE/ ANIMAL/ CARBOXYPEPTIDASES/ *DROSOPHILA, physiology/ EXOCRINE GLANDS/ FEMALE/ GENITALIA, MALE/ MALE/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDES/ PEPTIDES, pharmacodynamics/ PEPTIDES, physiology/ *SEX BEHAVIOR, ANIMAL, drug effects/ TRYPSIN

596. **Baumann P, Perey M:** The analysis of free tryptophan in human blood with the Ultrafiltrator: a comparison with other methods. Clin Chim Acta 76(2):223–31, 15 Apr 77
BLOOD PROTEINS, metabolism/ COMPARATIVE STUDY/ EDTA/ FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN/ HUMAN/ METHODS/ PROTEIN BINDING/ *TRYPTOPHAN, blood/ ULTRAFILTRATION, instrumentation

597. **Baumann R, Schnabel W, Ziprian H:** Kliniko-éksperimental'nye issledovaniia vliianiia psikhoemotsional'nogo stressa pri iunosheskoĭ gipertonii Zh Vyssh Nerv Deiat 27(2):388–94, Mar-Apr 77 **(Rus)**
ADAPTATION, PHYSIOLOGICAL/ ADOLESCENCE/ ADULT/ BLOOD PRESSURE/ FATTY ACIDS, blood/ HUMAN/ HYPERTENSION, blood/ *HYPERTENSION, physiopathology/ KALLIKREIN, blood/ KININOGENS, blood/ MALE/ NOREPINEPHRINE, blood/ RENIN, blood/ *STRESS, PSYCHOLOGICAL

598. **Baumgarten K:** Indikation zur Transfusion von Erythrozytenkonzentraten Infusionsther Klin Ernaehr 4(2):101–4, Apr 77 (Eng. Abstr.) **(Ger)**
AGRANULOCYTOSIS, therapy/ ANEMIA, therapy/ ANEMIA, APLASTIC, therapy/ ANEMIA, HYPOCHROMIC, therapy/ *BLOOD TRANSFUSION/ CARDIOVASCULAR DISEASES, prevention & control/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ HEMATOCRIT/ HEMORRHAGIC DIATHESIS, therapy/ HUMAN

599. **Baumgartner B, Chrispeels MJ:** Purification and characterization of vicilin peptidohydrolase, the major endopeptidase in the cotyledons of mung-bean seedlings. Eur J Biochem 77(2):223–33, 15 Jul 77
CARBOXYPEPTIDASES, isolation & purification/ CARBOXYPEPTIDASES, metabolism/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PLANT PROTEINS/ *PLANTS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

600. **Baumgartner HR:** Effects of anticoagulation on the interaction of human platelets with subendothelium in flowing blood. Schweiz Med Wochenschr 106(40):1367–8, 2 Oct 76
ANIMAL/ AORTA/ *CITRATES, pharmacodynamics/ *ENDOTHELIUM, drug effects/ FIBRIN/ HUMAN/ *PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ RABBITS

601. **Baumgartner HR:** Platelet interaction with collagen fibrils in flowing blood. I. Reaction of human platelets with alpha chymotrypsin-digested subendothelium. Thromb Haemostas 37(1):1–16, 28 Feb 77
ADULT/ ANIMAL/ *AORTA/ AORTA, ultrastructure/ CHYMOTRYPSIN/ COLLAGEN/ ELASTIN/ ENDOTHELIUM, ultrastructure/ HUMAN/ *PLATELET ADHESIVENESS/ *PLATELET AGGREGATION/ RABBITS/ RHEOLOGY/ SURFACE PROPERTIES

602. **Baumgartner HR, Tschopp TB, Weiss HJ:** Platelet interaction with collagen fibrils in flowing blood. II. Impaired adhesion-aggregation in bleeding disorders. A comparison with subendothelium. Thromb Haemostas 37(1):17–28, 28 Feb 77
ANIMAL/ ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, congenital/ CHYMOTRYPSIN/ COLLAGEN/ HUMAN/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION/ RABBITS/ RHEOLOGY/ VON WILLEBRAND'S DISEASE, blood

603. **Baumgartner HR:** Wirkungsmechanismen von Plättcheninhibitoren Ther Umsch 34(5):341–6, May 77 (Eng. Abstr.) **(Ger)**
*BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ PLATELET

ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects

604. **Baumgartner HR:** Zur Pathogenese der Atherosklerose Beitrag aus Zellbiologischer Sicht
Schweiz Med Wochenschr 107(21):717–22, 28 May 77 **(Ger)**
*ARTERIES, cytology/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiopathology/ DIABETES MELLITUS, complications/ DIETARY FATS, adverse effects/ ENDOTHELIUM, cytology/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HUMAN/ HYPERLIPEMIA, complications/ HYPERTENSION, complications/ ISOENZYMES/ MUSCLE, SMOOTH, physiopathology/ OBESITY, complications/ PLATELET ADHESIVENESS/ SMOKING, complications/ SWINE

605. **Baur E, Markus J:** Experiences with craniocerebral injuries.
Reconstr Surg Traumatol 15:44–57, 1976
ADOLESCENCE/ ADULT/ AGED/ BRAIN INJURIES, ACUTE, complications/ BRAIN INJURIES, ACUTE, etiology/ *BRAIN INJURIES, ACUTE, occurrence/ CRANIAL NERVES, injuries/ HEMATOMA, complications/ HUMAN/ INSURANCE, ACCIDENT/ MIDDLE AGE/ PARALYSIS, complications/ REHABILITATION/ SKULL FRACTURES, complications/ SWITZERLAND

606. **Baur G, Kurz H, Trunk H:** Alteration of protein-binding during storage of human plasma preparations.
Anaesthesist 26(3):148–50, Mar 77
*BLOOD PRESERVATION/ CHLORPROMAZINE/ FREEZE DRYING/ FREEZING/ HUMAN/ HYDROCHLOROTHIAZIDE/ METHICILLIN/ OXYPHENBUTAZONE/ PROPANIDID/ *PROTEIN BINDING/ SUCCINYLCHOLINE/ SULFADIMETHOXINE/ TEMPERATURE/ TETRACYCLINE/ THIOPENTAL/ TIME FACTORS

607. **Baust G, Bunge HJ, Pauer HD, et al:** Mehrfachorganersatz in der Intensivmedizin aus anaesthesiologischer Sicht
Anaesthesist 26(2):49–55, Feb 77 (Eng. Abstr.) **(Ger)**
*ARTIFICIAL ORGANS/ BLOOD COAGULATION DISORDERS, complications/ *CRITICAL CARE/ ENGLISH ABSTRACT/ HEART, MECHANICAL/ HEMOSTASIS/ HUMAN/ KIDNEY, ARTIFICIAL/ LIVER/ OXYGENATORS/ PERFUSION/ POISONING, therapy/ SHOCK, therapy

608. **Bayer AS, Theofilopoulos AN, Eisenberg R, et al:** Thrombotic thrombocytopenic purpura-like syndrome associated with infective endocarditis. A possible immune complex disorder. JAMA 238(5):408–10, 1 Aug 77
ADULT/ ANTIGEN-ANTIBODY COMPLEX/ CASE REPORT/ COMPLEMENT/ DIAGNOSIS, DIFFERENTIAL/ *ENDOCARDITIS, BACTERIAL, complications/ ENDOCARDITIS, BACTERIAL, etiology/ FEMALE/ HUMAN/ *IMMUNE COMPLEX DISEASE/ IMMUNE COMPLEX DISEASE, immunology/ MALE/ *PURPURA, THROMBOTIC THROMBOPENIC, complications/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ PURPURA, THROMBOTIC THROMBOPENIC, immunology/ *STAPHYLOCOCCAL INFECTIONS, complications/ STAPHYLOCOCCUS AUREUS, isolation & purification/ *STREPTOCOCCAL INFECTIONS, complications/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

609. **Bazaz'ian GG, Ul'ianov AM, Liapina LA, et al:** Vliianie nenasyshchennykh zhirnykh kislot, vitamina A i geparina na nachal'nye stadii klirensa trombina-131I i funktsional'noe sostoianie protivosvertyvaiushcheĭ sistemy zhivotnykh pri ee depressii, vyzvannoĭ aterogennoĭ dietoĭ.
Biol Nauki (4):69–74, 1977 **(Rus)**
ANIMAL/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION DISORDERS, prevention & control/ *DIET, ATHEROGENIC/ EPINEPHRINE, blood/ *FATTY ACIDS, UNSATURATED, therapeutic use/ FIBRINOLYSIS/ HEPARIN, blood/ *HEPARIN, therapeutic use/ MALE/ RATS/ THROMBIN, metabolism/ *VITAMIN A, therapeutic use

610. **Bazaz'ian GG, Levchuk TP, Zolotova TA, et al:** Narusheniia lipidnogo obmena u belykh krys pri depressii protivosvertyvaiushcheĭ sistemy aterogennoĭ dietoĭ.
Vopr Pitan (2):20–5, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *LIPOPROTEINS, blood/ MALE/ RATS/ THROMBELASTOGRAPHY

611. **Bazzocci F, Grigioni WF, Martinelli G:** Trombosi massiva dell'atrio sinistro (Presentazione di un caso e revisione della letteratura) Pathologica 69(987–988):35–50, Jan–Feb 77 (Eng. Abstr.) **(Ita)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEART ATRIUM, pathology/ *HEART DISEASES, pathology/ HUMAN/ MITRAL VALVE STENOSIS, complications/ *THROMBOSIS, pathology

612. **Beachey EH, Chiang TM, Ofek I, et al:** Interaction of lipoteichoic acid of group A streptococci with human platelets. Infect Immun 16(2):649–54, May 77
BINDING SITES/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, ultrastructure/ COLLAGEN, pharmacodynamics/ GLYCOLIPIDS, immunology/ GLYCOLIPIDS, pharmacodynamics/ HUMAN/ PHOSPHOLIPIDS, immunology/ PHOSPHOLIPIDS, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ SEROTONIN, metabolism/ *STREPTOCOCCUS PYOGENES, immunology/ *TEICHOIC ACIDS, immunology/ TEICHOIC ACIDS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

613. **Beal RW:** The rational use of blood. Aust NZ J Surg 46(4):309–13, Nov 76
ADULT/ AGED/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD VOLUME/ EMERGENCIES/ ERYTHROCYTES/ HEMORRHAGE, physiopathology/ HUMAN/ POSTOPERATIVE COMPLICATIONS, physiopathology

614. **Beaton GH:** Nutritional problems of affluence.
WHO Monogr Ser (62):482–99, 1976 (26 ref.)
ADULT/ CHILD/ *CORONARY DISEASE/ CORONARY DISEASE, etiology/ CORONARY DISEASE, prevention & control/ *DENTAL CARIES/ DENTAL CARIES, etiology/ DENTAL CARIES, prevention & control/ DIET, adverse effects/ DIET, ATHEROGENIC/ DIET, CARIOGENIC/ DIETARY FATS/ ENERGY METABOLISM/ FEMALE/ HUMAN/ INCOME/ INFANT/ MALE/ MIDDLE AGE/ *NUTRITION DISORDERS/ NUTRITION DISORDERS, etiology/ NUTRITION DISORDERS, prevention & control/ OBESITY, etiology/ REVIEW/ SEX FACTORS/ SOCIOECONOMIC FACTORS

615. **Beatty RA:** Dissecting hematoma of the internal carotid artery following chiropractic cervical manipulation.
J Trauma 17(3):248–249, Mar 77
ADULT/ *CAROTID ARTERY DISEASES, etiology/ CAROTID ARTERY, INTERNAL, radiography/ CASE REPORT/ *CHIROPRACTIC/ *HEMATOMA, etiology/ HUMAN/ MALE/ NECK

616. **Beauchamp JM, Belanger MA, Neitzschman HR:** The diagnosis of subcapsular hematoma of the liver by scintigraphy. South Med J 69(12):1579–81, Dec 76
ADULT/ CASE REPORT/ CHILD ABUSE/ CHILD/ FEMALE/ *HEMATOMA, diagnosis/ HUMAN/ *LIVER DISEASES, diagnosis/ LIVER, injuries/ MALE/ *RADIONUCLIDE IMAGING/ TECHNETIUM, diagnostic use/ WOUNDS, NONPENETRATING, diagnosis

617. **Beaufils M, Corvol P:** Modifications néphro-urologiques et endocriniennes au cours des grossesses toxémiques et hypertensives Rev Prat 27(9):469–79, 11 Feb 77 (Eng. Abstr.) **(Fre)**
BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTENSION, physiopathology/ KIDNEY,

physiopathology/ PITUITARY HORMONES, secretion/ PLACENTAL HORMONES, secretion/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, physiopathology/ *PREGNANCY TOXEMIAS, physiopathology/ PREGNANCY/ SEX HORMONES, secretion

618. **Beaumont JL, Beaumont V, Jan F, et al:** le risque thrombo-embolique de la 'pilule' Concours Med 98(44):7057-8, 7061-4, 7067-8, 4 Dec 76 **(Fre)**
ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ *ESTROGENS, SYNTHETIC, adverse effects/ FEMALE/ HUMAN/ MIDDLE AGE/ RISK/ *THROMBOEMBOLISM, chemically induced/ THROMBOEMBOLISM, prevention & control/ THROMBOEMBOLISM, therapy

619. **Beaumont JL, Beaumont V, Boisnier C, et al:** Une immunoglobuline anti-héparine chez le hamster hypertriglycéridémique porteur d'un lymphome malin C R Acad Sci [D] (Paris) 283(11 D):1369-72, 8 NOV 76 (Eng. Abstr.) **(Fre)**
ANIMAL/ AUTOANTIBODIES/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HAMSTERS/ *HEPARIN ANTAGONISTS, isolation & purification/ HEPARIN, immunology/ HEPARIN-CLEARING FACTOR, blood/ HYPERLIPEMIA, etiology/ *HYPERLIPEMIA, immunology/ *IMMUNOGLOBULINS, isolation & purification/ IN VITRO/ LYMPHOMA, analysis/ LYMPHOMA, complications/ *LYMPHOMA, immunology/ NEOPLASMS, EXPERIMENTAL/ *TRIGLYCERIDES, blood

620. **Beaumont JL, Beaumont V, Fontaine C, et al:** Les accidents thrombotiques de la méthode contraceptive hormonale Ann Med Interne (Paris) 127(8-9):600-6, AUG-SEP 76 **(Fre)**
ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ FEMALE/ HUMAN/ MIDDLE AGE/ THROMBOPHLEBITIS, chemically induced/ *THROMBOSIS, chemically induced

621. **Beaumont JL, Berard M, Antonucci M, et al:** Inhibition of lipoprotein lipase activity by a monoclonal immunoglobulin in autoimmune hyperlipidemia. Atherosclerosis 26(1):67-77, Jan 77
ADULT/ *AUTOIMMUNE DISEASES, enzymology/ HUMAN/ *HYPERLIPEMIA, enzymology/ *IGG/ IGG, isolation & purification/ IN VITRO/ *LIPOPROTEIN LIPASE, blood/ MALE/ TRIGLYCERIDES, blood

622. **Béchet JJ, Dupaix A, Roucous C, et al:** Inactivation of proteases and esterases by halomethylated derivatives of dihydrocoumarins. Biochimie 59(3):241-6, 1977
*ACETYLCHOLINESTERASE, antagonists & inhibitors/ CHYMOTRYPSIN, antagonists & inhibitors/ *COUMARINS, pharmacodynamics/ KALLIKREIN, antagonists & inhibitors/ PANCREATOPEPTIDASE, antagonists & inhibitors/ PAPAIN, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBTILISINS, antagonists & inhibitors/ TRYPSIN INHIBITORS, pharmacodynamics

623. **Béchet JJ, Dupaix A, Blagoeva I:** Inactivation of alpha-chymotrypsin by new bifunctional reagents: halomethylated derivatives of dihydrocoumarins. Biochimie 59(3):231-9, 1977
AMINO ACIDS, analysis/ *CHYMOTRYPSIN, antagonists & inhibitors/ COUMARINS, chemical synthesis/ *COUMARINS, pharmacodynamics/ KINETICS/ PEPTIDE FRAGMENTS, analysis/ STRUCTURE-ACTIVITY RELATIONSHIP

624. **Bechis G, Granier C, Van Rietschoten J, et al:** Purification of six neurotoxins from the venom of Dendroaspis viridis. Primary structure of two long toxins. Eur J Biochem 68(2):445-56, 15 Sep 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CHYMOTRYPSIN/ DISULFIDES, analysis/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *SNAKE VENOMS/ SNAKE VENOMS, isolation & purification/ TRYPSIN

625. **Bechtol CO, Crickenberger DP, O'Rourke FM:** Pneumatic venous pump and thromboembolism in total hip replacement surgery: a retrospective study. pp. 173-81.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976.
AIR/ COMPARATIVE STUDY/ DEXTRAN, therapeutic use/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS/ *LEG, blood supply/ MONOGRAPH/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PRESSURE/ PULMONARY EMBOLISM, prevention & control/ RETROSPECTIVE STUDIES/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ WARFARIN, therapeutic use

626. **Beck EA:** Standardisierung und Qualitätskontrolle der Thromboplastinzeit nach Qick Ther Umsch 34(5):347-9, May 77 (Eng. Abstr.) **(Ger)**
ANTICOAGULANTS, administration & dosage/ BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS, methods/ ENGLISH ABSTRACT/ HUMAN/ QUALITY CONTROL/ *THROMBOPLASTIN, metabolism

627. **Beck EA:** The chemistry of blood coagulation: a summary by Paul Morawitz (1905). Thromb Haemostas 37(3):376-9, 30 Jun 77
*BLOOD COAGULATION/ CHEMISTRY/ HUMAN

628. **Beck OA, Schunder J, Hochrein H:** Perikarditis nach akutem Myokardinfarkt. Hämoperikardrisiko und Antikoagulantientherapie Dtsch Med Wochenschr 102(15):559-63, 15 Apr 77 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ AGED/ ANTICOAGULANTS, therapeutic use/ ARRHYTHMIA, complications/ CORONARY CARE UNITS/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, WEST/ HEART FAILURE, CONGESTIVE, complications/ HEMOPERICARDIUM, complications/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, drug therapy/ *PERICARDITIS, etiology/ SHOCK, CARDIOGENIC, complications

629. **Becker CG, Dubin T:** Activation of factor XII by tobacco glycoprotein. J Exp Med 146(2):457-67, 1 Aug 77
ANIMAL/ BLOOD COAGULATION TESTS/ ENDOTOXINS, analysis/ *FACTOR XII, metabolism/ FIBRINOLYSIS, drug effects/ GLYCOPROTEINS, immunology/ *GLYCOPROTEINS, pharmacodynamics/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IN VITRO/ KININS, biosynthesis/ PLANT PROTEINS, immunology/ *PLANT PROTEINS, pharmacodynamics/ RABBITS, immunology/ RUTIN, immunology/ RUTIN, pharmacodynamics/ SERUM ALBUMIN, BOVINE, immunology/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ *TOBACCO/ TOBACCO, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

630. **Becker DP, Vries JK, Sakalas R, et al:** Early prognosis in head injury based on motor posturing, oculocephalic reflexes, and intracranial pressure. pp. 27-30.
In: McLaurin RL, ed. Head injuries. New York, Grune & Stratton, 1976. W3 C155E 1975h.
BRAIN INJURIES, ACUTE, physiopathology/ EYE/ *HEAD INJURIES/ HEAD INJURIES, physiopathology/ HEAD/ HEMATOMA, physiopathology/ HUMAN/ *INTRACRANIAL PRESSURE/ MONOGRAPH/ *MOTOR ACTIVITY/ NEUROLOGIC EXAMINATION/ PROGNOSIS/ *REFLEX

631. **Becker HM:** Die Behandlung der Varicosis Chirurg 47(3):105-11, Mar 76 **(Ger)**
ALCOHOLISM, complications/ HUMAN/ LEG, blood supply/ METHODS/ OBESITY, complications/ PREOPERATIVE CARE/

PULMONARY EMBOLISM, etiology/ SAPHENOUS VEIN, surgery/ VARICOSE VEINS, etiology/ *VARICOSE VEINS, surgery

632. **Becker MA, Meyer LJ, Huisman WH, et al:** Human erythrocyte phosphoribosylpyrophosphate synthetase. Subunit analysis and states of subunit association. J Biol Chem 252(11):3911–8, 10 Jun 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ AMINO ACIDS, analysis/ CATALASE, analysis/ DIPHOSPHOGLYCERIC ACIDS, pharmacodynamics/ *ERYTHROCYTES, enzymology/ GUANINE NUCLEOTIDES, pharmacodynamics/ HUMAN/ MACROMOLECULAR SYSTEMS/ MAGNESIUM/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOTRANSFERASES, ATP, blood/ PROTEIN CONFORMATION, drug effects/ *RIBOSEPHOSPHATE PYROPHOSPHOKINASE, blood/ RIBOSEPHOSPHATE PYROPHOSPHOKINASE, isolation & purification/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

633. **Becker RE, Shaskan EG:** Platelet monoamine oxidase activity in schizophrenic patients. Am J Psychiatry 134(5):512–7, Mar 77
AMBULATORY CARE/ *BLOOD PLATELETS, enzymology/ CHLORPROMAZINE, therapeutic use/ HALLUCINATIONS, diagnosis/ HOSPITALIZATION/ HUMAN/ IMIPRAMINE, therapeutic use/ *MONOAMINE OXIDASE, blood/ PERIODICITY/ SCHIZOPHRENIA, diagnosis/ SCHIZOPHRENIA, drug therapy/ *SCHIZOPHRENIA, enzymology/ SCHIZOPHRENIC PSYCHOLOGY

634. **Becker RL, Avioli LV:** Gestational trophoblastic disease. Arch Intern Med 137(2):221–5, Feb 77
ADULT/ BRAIN NEOPLASMS, diagnosis/ CASE REPORT/ CEREBRAL HEMORRHAGE, diagnosis/ CHLORAMBUCIL, therapeutic use/ CHORIOADENOMA, diagnosis/ CHORIOADENOMA, therapy/ CHORIOCARCINOMA, diagnosis/ CHORIOCARCINOMA, drug therapy/ DACTINOMYCIN, therapeutic use/ FEMALE/ HEMATOMA, diagnosis/ HUMAN/ HYDATIDIFORM MOLE, diagnosis/ HYDATIDIFORM MOLE, therapy/ LUNG NEOPLASMS, diagnosis/ METHOTREXATE, therapeutic use/ NEOPLASM METASTASIS/ PREGNANCY COMPLICATIONS/ PREGNANCY/ PROGNOSIS/ *TROPHOBLASTIC TUMOR/ TROPHOBLASTIC TUMOR, diagnosis/ TROPHOBLASTIC TUMOR, drug therapy/ *UTERINE NEOPLASMS

635. **Becker SW Jr:** Trisoralen photochemotherapy. Australas J Dermatol 18(1):15–9, Apr 77
ADOLESCENCE/ *COUMARINS, therapeutic use/ FEMALE/ HUMAN/ MALE/ PSORIASIS, drug therapy/ *PSORIASIS, therapy/ *TRIOXSALEN, therapeutic use/ *ULTRAVIOLET THERAPY

636. **Becker T, Schickedanz H, Petrat H, et al:** Uber die lungenemboliebedingte Letalitätsentwicklung im chirurgischen Krankengut und die disponierenden Faktoren. Eine 50-Jahres-Analyse
Z Erkr Atmungsorgane 146(1):34–42, Jul 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGE FACTORS/ AGED/ CARDIOVASCULAR DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, EAST/ HUMAN/ LUNG DISEASES, complications/ MALE/ MIDDLE AGE/ OBESITY, complications/ *POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, mortality/ *PULMONARY EMBOLISM, occurrence/ SEX FACTORS

637. **Becker T, Schickedanz H, Petrat H:** Die Lungenembolie. Ein Beitrag zur Prophylaxe, Diagnostik und Therapie
Z Erkr Atmungsorgane 146(1):24–33, Jul 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ AUTOPSY/ EARLY AMBULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LUNG, pathology/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, therapy/ RISK/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, etiology

638. **Becker W:** Einzelheiten einer Strafanzeige gegen einen HNO-Arzt wegen des Verdachtes der Körperverletzung und nachfolgende Begutachtung
Laryngol Rhinol Otol (Stuttg) 55(3):169–73, Mar 76 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ EXPERT TESTIMONY/ FEMALE/ GERMANY, WEST/ HUMAN/ JUGULAR VEIN/ *JURISPRUDENCE/ *MALPRACTICE/ THROMBOSIS, etiology/ *TONSILLECTOMY/ *TONSILLECTOMY, adverse effects

639. **Beckmann CF, Levin DC, Ulreich S:** Cardiomegaly as a cause of nonuniform pulmonary artery perfusion. AJR 129(4):661–6, Oct 77
ADULT/ AGED/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEART ENLARGEMENT, complications/ HEART ENLARGEMENT, radiography/ HUMAN/ INFANT/ LUNG, blood supply/ MALE/ MIDDLE AGE/ *PULMONARY ARTERY, radiography/ *PULMONARY CIRCULATION/ PULMONARY EMBOLISM, radiography

640. **Beckmann H, Murphy DL:** Phenelzine in depressed patients. Effects on urinary MHPG excretion in relation to clinical response. Neuropsychobiology 3(1):49–55, 1977
ADULT/ BLOOD PLATELETS, enzymology/ FEMALE/ *GLYCOLS, urine/ HUMAN/ MALE/ *METHOXYHYDROXYPHENYLGLYCOL, urine/ MIDDLE AGE/ MONOAMINE OXIDASE, metabolism/ *PHENELZINE, therapeutic use/ *PSYCHOSES, MANIC-DEPRESSIVE, drug therapy/ PSYCHOSES, MANIC-DEPRESSIVE, enzymology/ PSYCHOSES, MANIC-DEPRESSIVE, urine

641. **Becq-Giraudon B, Valois M, Sudre Y:** Etude des modifications de quelques paramètres biochimiques au cours de la fièvre typhoïde Sem Hop Paris 53(11–12):697–9, 16–23 Mar 77 **(Fre)**
BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ *CHOLESTEROL, blood/ HUMAN/ *LACTATE DEHYDROGENASE, blood/ *TYPHOID, blood/ TYPHOID, enzymology

642. **Bedard CK, Bone RC:** Westermark's sign in the diagnosis of pulmonary emboli in patients with the adult respiratory distress syndrome. Crit Care Med 5(3):137–40, May–Jun 77
ADULT/ AGED/ CASE REPORT/ HUMAN/ *LUNG, radiography/ MALE/ PULMONARY EMBOLISM, complications/ *PULMONARY EMBOLISM, radiography/ *RESPIRATORY DISTRESS SYNDROME, ADULT, complications

643. **Beddell CR, Clark RB, Hardy GW, et al:** Structural requirements for opioid activity of analogues of the enkephalins. Proc R Soc Lond [Biol] 198(1132):249–65, 5 Sep 77
AMINO ACIDS/ ANIMAL/ ENKEPHALINS, antagonists & inhibitors/ *ENKEPHALINS, biosynthesis/ ENKEPHALINS, metabolism/ ENKEPHALINS, pharmacodynamics/ GUINEA PIGS/ MICE/ *OLIGOPEPTIDES, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ RATS/ *RECEPTORS, NARCOTIC/ SODIUM, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

644. **Bedekovic V, Orlic R, Ljumanovic J, et al:** Akutni pankreatitis u nasoj kazuistici Acta Chir Iugosl 24(1 Suppl):35–8, 1977 (Eng. Abstr.) **(Scr)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ ANALGESICS AND ANTIPYRETICS,

therapeutic use/ ANTIBIOTICS, therapeutic use/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ PANCREATITIS, diagnosis/ PANCREATITIS, drug therapy/ *PANCREATITIS, surgery/ PROCAINE, therapeutic use/ RETROSPECTIVE STUDIES/ YUGOSLAVIA

645. **Bedford RF:** Removal of radial-artery thrombi following percutaneous cannulation for monitoring. Anesthesiology 46(6):430-2, Jun 77
ANGIOGRAPHY/ *CATHETERIZATION, adverse effects/ *FOREARM, blood supply/ HUMAN/ MONITORING SYSTEMS/ SKIN/ *SUCTION/ THROMBOSIS, etiology/ *THROMBOSIS, therapy

646. **Bedi HK, Vyas BR, Bomb BS, et al:** Platelet adhesiveness in cases of diabetes mellitus before and after antidiabetic drugs. J Assoc Physicians India 24(10):645-8, Oct 76
ADOLESCENCE/ ADULT/ CHILD/ *DIABETES MELLITUS, blood/ FEMALE/ HUMAN/ *HYPOGLYCEMIC AGENTS, pharmacodynamics/ MALE/ *PLATELET ADHESIVENESS, drug effects/ STIMULATION, CHEMICAL

647. **Bédi J, Pálos AL:** Inhibition of platelet function with bencyclane. Ther Hung 24(2):50-5, 1976
ADULT/ AGED/ *BENCYCLANE, pharmacodynamics/ BENCYCLANE, therapeutic use/ BLOOD PLATELET DISORDERS, drug therapy/ *BLOOD PLATELETS, drug effects/ *CYCLOHEPTANES, pharmacodynamics/ *FIBRINOLYTIC AGENTS/ HUMAN/ MIDDLE AGE/ PLATELET ADHESIVENESS, drug effects

648. **Bednařík T, Májský A, Simek L, et al:** Zur Frage der Elimination von Thromboagglutininen aus dem antilymphozytären Serum. Allerg Immunol (Leipz) 23(1):43-6, 1977 (Eng. Abstr.) **(Ger)**
*AGGLUTININS, analysis/ ANIMAL/ ANIMALS, NEWBORN/ ANTILYMPHOCYTE SERUM/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, transplantation/ ENGLISH ABSTRACT/ HUMAN/ IMMUNE TOLERANCE/ IMMUNIZATION/ SWINE/ TRANSPLANTATION, HETEROLOGOUS

649. **Beech J, Dubielzig R, Bester R:** Portal vein anomaly and hepatic encephalopathy in a horse. J Am Vet Med Assoc 170(2):164-6, 15 Jan 77
ANIMAL/ BRAIN, pathology/ CASE REPORT/ HEPATIC COMA, etiology/ HEPATIC COMA, pathology/ *HEPATIC COMA, veterinary/ *HORSE DISEASES/ HORSE DISEASES, congenital/ HORSE DISEASES, etiology/ HORSES/ LIVER, pathology/ MALE/ *PORTAL VEIN, abnormalities/ THROMBOSIS, etiology/ THROMBOSIS, pathology/ THROMBOSIS, veterinary

650. **Beeley JG:** Location of the carbohydrate groups of ovomucoid. Biochem J 159(2):335-45, Nov 76
AMINO ACID SEQUENCE/ ANIMAL/ *CARBOHYDRATES, analysis/ CHICKENS/ CYANOGEN BROMIDE/ *EGG PROTEINS/ GLYCOPEPTIDES, isolation & purification/ *OVOMUCIN/ PROTEIN CONFORMATION/ TRYPSIN

651. **Beeser H:** Qualitätssicherung hämostaseologischer Untersuchungsmethoden Med Lab (Stuttg) 29(11):262-70, Nov 76 **(Ger)**
*BLOOD COAGULATION TESTS/ QUALITY CONTROL

652. **Begleiter ML, Kulkarni P, Harris DJ:** Confirmation of trisomy 22 by trypsin-giemsa staining. J Med Genet 13(6):517-20, Dec 76
AZURE STAINS/ CASE REPORT/ *CHROMOSOMES, HUMAN, 21-22/ DOWN'S SYNDROME, familial & genetic/ *GENETIC TECHNICS/ HUMAN/ INFANT/ MALE/ *TRISOMY/ TRYPSIN

653. **Béguin S, Goutner A, Josso F:** Tissue factor activity of rabbit peritoneal macrophages: influence of immune stimulation. Ann Immunol (Paris) 128C(4-5):785-98, Jul-Oct 77
ANIMAL/ BLOOD CELLS, immunology/ BLOOD COAGULATION TESTS/ HEMOPHILIA, immunology/ HUMAN/ HYPOPROCONVERTINEMIA, immunology/ IMMUNIZATION/ *MACROPHAGES, immunology/ RABBITS/ *THROMBOPLASTIN/ THROMBOPLASTIN, metabolism

654. **Behnke O:** The blood platelet a potential smooth muscle cell. pp. 105-15.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.
ACTIN, physiology/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ CELL MEMBRANE, ultrastructure/ CELL MOVEMENT/ CLOT RETRACTION/ FIBRIN, physiology/ MICROFILAMENTS, physiology/ MONOGRAPH/ *MUSCLE, SMOOTH, physiology/ MYOFIBRILS, physiology/ MYOSIN, physiology/ PLATELET AGGREGATION/ PSEUDOPODIA, physiology/ PSEUDOPODIA, ultrastructure

655. **Beier HM:** Immunologische und biochemische Analysen am Uteroglobin und dem Uteroglobin-ähnlichen Antigen der Lunge Med Welt 28(16):788-92, 22 Apr 77 **(Ger)**
FEMALE/ *GLYCOPROTEINS, analysis/ HUMAN/ *LUNG, analysis/ LUNG, immunology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PROGESTERONE, physiology/ RABBITS/ TRACHEA, secretion/ UTEROGLOBIN, analogs & derivatives/ *UTEROGLOBIN, analysis/ UTEROGLOBIN, physiology

656. **Békássy S, Káli A, Arvay A:** Pitvari septum defectus acut mútéti megoldása mélyvénás thrombosis miatt Orv Hetil 118(19):1115-6, 8 May 77 **(Hun)**
ACENOCOUMAROL, therapeutic use/ ADULT/ CASE REPORT/ FEMALE/ HEART SEPTAL DEFECTS, ATRIAL, complications/ *HEART SEPTAL DEFECTS, ATRIAL, surgery/ HEPARIN, therapeutic use/ HUMAN/ LEG, blood supply/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, drug therapy

657. **Béla E:** A staphylococcus aureus coagulase-termelésének a törvényszerűségeiről Orv Hetil 118(31):1826-30, 31 Jul 77 **(Hun)**
*COAGULASE, biosynthesis/ SPECIES SPECIFICITY/ *STAPHYLOCOCCUS AUREUS, enzymology

658. **Béla G, Anna T, Károly L, et al:** Primaer pulmonalis vascularis hypertonia, (PPVH) elöfordulása gyermekkorban Orv Hetil 117(51):3112-6, 19 DEC 76 **(Hun)**
CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ HUMAN/ *HYPERTENSION, PULMONARY, complications/ HYPERTENSION, PULMONARY, pathology/ *LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, pathology/ MALE

659. **Belaich S, Bonvalet D:** Traitement des angiomes cutanés chez l'enfant Sem Hop Ther 53(2):87-9, Feb 77 **(Fre)**
CHILD/ CRYOTHERAPY/ HEMANGIOMA, radiotherapy/ HEMANGIOMA, surgery/ *HEMANGIOMA, therapy/ HUMAN/ SKIN NEOPLASMS, radiotherapy/ SKIN NEOPLASMS, surgery/ *SKIN NEOPLASMS, therapy

660. **(Belamarich FA), Shepro D:** Frank A. Belamarich. Microvasc Res 12(3):241-3, Nov 76
CURRENT BIOG-OBIT/ HEMATOLOGY, history/ HEMOSTASIS/ HISTORICAL ARTICLE/ UNITED STATES

661. **Belew M:** The trypsin and chymotrypsin inhibitors in chick pears (Cicer arietinum L). The relationships among the six isoinhibitors. Eur J Biochem 73(2):411-20, Mar 1 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ *CHYMOTRYPSIN, antagonists & inhibitors/ MOLECULAR WEIGHT/ PEPTIDE

FRAGMENTS, analysis/ *PLANT PROTEINS/ PLANT PROTEINS, isolation & purification/ *SEEDS, analysis/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, isolation & purification

662. **Belfrage P, Berg B, Hägerstrand I, et al:** Alterations of lipid metabolism in healthy volunteers during long-term ethanol intake. Eur J Clin Invest 7(2):127–31, Apr 77
ADIPOSE TISSUE, enzymology/ ADULT/ *ALCOHOL, ETHYL, pharmacodynamics/ GLUTAMYL TRANSPEPTIDASE, analysis/ HUMAN/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, analysis/ LIPOPROTEINS, blood/ LIVER, enzymology/ LIVER, ultrastructure/ MALE/ MICROSCOPY, ELECTRON/ TRIGLYCERIDES, blood

663. **Belikov PP:** Primenenie épsilon-aminokapronovĭ kisloty v terapii parodontoza. Stomatologiia (Mosk) 56(4):81–2, Jul-Aug 77 **(Rus)**
ADULT/ *AMINOCAPROIC ACIDS, therapeutic use/ CLINICAL RESEARCH/ DRUG EVALUATION/ HUMAN/ *PERIODONTAL DISEASES, drug therapy/ *6-AMINOCAPROIC ACID, therapeutic use

664. **Belitser VA, Varetskaia TV, Tsariuk LA:** Zdatnist' bichachoho fibrynohenu aktseptuvaty ta utrymuvaty spetsyfichnyi dlia krovi liudyny proaktyvator plazminohenu Ukr Biokhim Zh 48(6):721–6, 1976 (Eng. Abstr.) **(Ukr)**
CATALYSIS/ CATTLE/ CHEMISTRY/ ENGLISH ABSTRACT/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ *FIBRINOGEN/ HUMAN/ *PLASMINOGEN ACTIVATORS/ SERUM GLOBULINS/ STREPTOKINASE

665. **Belitskaia GA, Musienko LP:** Uchast' erytrotsytiv u protsesakh hemokoahuliatsii ta fibrynolizu u zdorovykh osib. Fiziol Zh 23(3):323–8, May-Jun 77 (Eng. Abstr.) **(Ukr)**
BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ *ERYTHROCYTES, physiology/ *FIBRINOLYSIS/ HUMAN

666. **Beljan JR, Hellewell AB:** The effect of chronic heparin administration on the mineralization of an experimental osseous defect. Clin Orthop (125):205–7, Jun 77
ANIMAL/ BONE AND BONES, analysis/ *BONE REGENERATION, drug effects/ CHICKENS/ *HEPARIN, pharmacodynamics/ MALE/ MINERALS, analysis/ OSTEOLYSIS, ESSENTIAL, chemically induced/ OSTEOTOMY/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

667. **Bell RG, Stark P:** Inhibition of prothrombin synthesis and epoxidation of vitamin K1 by anticoagulants in vitro. Biochem Biophys Res Commun 72(2):619–25, 20 SEP 76
ANIMAL/ *ANTICOAGULANTS, pharmacodynamics/ COUMARINS, pharmacodynamics/ CYTOSOL, drug effects/ CYTOSOL, metabolism/ *EPOXY COMPOUNDS, metabolism/ *ETHERS, CYCLIC, metabolism/ INDANS, pharmacodynamics/ KINETICS/ *LIVER, metabolism/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, metabolism/ *PROTHROMBIN, biosynthesis/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, metabolism

668. **Bell WR, Simon TL:** A comparative analysis of pulmonary perfusion scans with pulmonary angiograms. Am Heart J 92(6):700–6, DEC 76
ANGIOGRAPHY/ COMPARATIVE STUDY/ HUMAN/ LUNG, blood supply/ *LUNG, radiography/ METHODS/ PERFUSION/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ RADIONUCLIDE IMAGING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

669. **Bell WR:** Hematologic abnormalities in pregnancy. Med Clin North Am 61(1):165–99, Jan 77
ADULT/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, blood/ ANEMIA, HEMOLYTIC, CONGENITAL, blood/ ANEMIA, HYPOCHROMIC, blood/ ANEMIA, SICKLE CELL, blood/ ANTIBODIES/ ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION FACTORS/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ERYTHROCYTES, cytology/ FEMALE/ FIBRINOLYSIS/ FOLIC ACID DEFICIENCY, blood/ HEMOGLOBINOPATHIES, blood/ HODGKIN'S DISEASE, pathology/ HUMAN/ LEUKOCYTES, cytology/ MATERNAL-FETAL EXCHANGE/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PREGNANCY/ PRENATAL DIAGNOSIS/ THALASSEMIA, blood/ THROMBOEMBOLISM, drug therapy/ THROMBOPENIA, blood/ THROMBOPENIA, congenital/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

670. **Bell WR, Simon TL, DeMets DL:** The clinical features of submassive and massive pulmonary emboli. Am J Med 62(3):355–60, Mar 77
ANGIOGRAPHY/ BLOOD GAS ANALYSIS/ COUGH, diagnosis/ DYSPNEA, diagnosis/ FEMALE/ FEVER, diagnosis/ HEART SOUNDS/ HEMODYNAMICS/ HUMAN/ IMMOBILIZATION/ MALE/ MIDDLE AGE/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, mortality/ SYNCOPE, diagnosis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

671. **Bell WR:** Thrombolytic therapy: a comparison between urokinase and streptokinase. From a national cooperative study. Semin Thromb Hemostas 2(1):1–13, Jul 75
ANGIOGRAPHY/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ FIBRINOLYTIC AGENTS, adverse effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEMATOCRIT/ HEMODYNAMICS/ HEMORRHAGE, chemically induced/ HUMAN/ LUNG/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, mortality/ RADIONUCLIDE IMAGING/ *STREPTOKINASE, therapeutic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *UROKINASE, therapeutic use

672. **Bell WR, Anderson ND, Anderson AO:** Heparin-induced coagulopathy. J Lab Clin Med 89(4):741–50, Apr 77
ANIMAL/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD PLATELETS/ BLOOD PRESSURE, drug effects/ BLOOD VESSELS, pathology/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENDOTOXINS/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRINOGEN/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, pathology/ *HEPARIN/ HEPARIN, pharmacodynamics/ MALE/ PROTAMINES, pharmacodynamics/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

673. **Beller FK:** Ovulationshemmer vor Operationen absetzen? Dtsch Med Wochenschr 102(24):911, 17 Jun 77 **(Ger)**
*CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *SURGERY, OPERATIVE/ THROMBOEMBOLISM, prevention & control

674. **Belleville J, Paul J, Ollat G, et al:** Déficits de la coagulation et conséquences hémorragiques aprés chirurgie cardiaque avec C.E.C Ann Anesthesiol Fr 18(1):51–61, 1977 (Eng. Abstr.) **(Fre)**
AORTOCORONARY BYPASS/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, physiology/ BLOOD PLATELETS, physiology/ BLOOD PROTEINS, metabolism/ CYANOSIS, surgery/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ EXTRACORPOREAL CIRCULATION, adverse effects/ HEART DEFECTS, CONGENITAL,

surgery/ *HEART SURGERY/ HEART SURGERY, adverse effects/ HEART VALVE PROSTHESIS/ HEMATOCRIT/ *HEMORRHAGE, etiology/ HEPARIN, adverse effects/ HUMAN/ INFANT/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION

675. **Belmaker RH, Ebbesen K, Ebstein R, et al:** Platelet monoamine oxidase in schizophrenia and manic-depressive illness. Br J Psychiatry 129:227–32, Sep 76
ADULT/ *BLOOD PLATELETS, enzymology/ CATECHOLAMINES, metabolism/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ ISRAEL/ MALE/ METHODS/ MIDDLE AGE/ *PSYCHOSES, MANIC-DEPRESSIVE, enzymology/ *SCHIZOPHRENIA, enzymology

676. **Belmaker RH, Ebstein RP:** The search for genetic polymorphisms of human biogenic-amine related enzymes. pp. 241–60.
In: Gershon ES, et al., ed. The impact of biology on modern psychiatry. New York, Plenum Press, 1977. QV 77 I34 1975.
ACUTE DISEASE/ AMINO ACID SEQUENCE/ BLOOD PLATELETS, enzymology/ *CATECHOL METHYLTRANSFERASE, blood/ *CATECHOLAMINES, metabolism/ CHRONIC DISEASE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ERYTHROCYTES, enzymology/ GENETICS, BIOCHEMICAL/ GENETICS, POPULATION/ HUMAN/ *MONOAMINE OXIDASE, blood/ MONOGRAPH/ MUTATION/ PLASMA, enzymology/ *POLYMORPHISM (GENETICS)/ PSYCHOSES, MANIC-DEPRESSIVE, enzymology/ SCHIZOPHRENIA, enzymology

677. **Belman AB:** Renal vein thrombosis in infancy and childhood: a contemporary survey. Clin Pediatr (Phila) 15(11):1033–44, Nov 76
ADULT/ ANIMAL/ BLOOD COAGULATION TESTS/ CHILD/ DEHYDRATION, complications/ DIAGNOSIS, DIFFERENTIAL/ DIARRHEA, INFANTILE, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ INFANT, NEWBORN/ NEPHRECTOMY/ RENAL ARTERY, radiography/ RENAL VEINS, pathology/ *RENAL VEINS, radiography/ RENAL VEINS, surgery/ RUPTURE, SPONTANEOUS/ THROMBOSIS, etiology/ THROMBOSIS, pathology/ *THROMBOSIS, radiography/ UROGRAPHY/ VENA CAVA, INFERIOR, surgery

678. **Belotskiĭ SM, Machulin AV, Portnoĭ VF:** Gemotransfuzionnye oslozhneniia u sobak. Rol' nesovmestimosti po antigenam trombotsitov
Eksp Khir Anesteziol (6):72–4, Nov–Dec 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD GROUP INCOMPATIBILITY, immunology/ BLOOD PLATELETS, immunology/ *BLOOD PLATELETS, transplantation/ DOGS/ ENGLISH ABSTRACT/ *ISOANTIGENS/ TRANSPLANTATION, HOMOLOGOUS

679. **Belotskiĭ SM:** Trombotsitarnye antigeny u sobak
Biull Eksp Biol Med 82(12):1455–7, Dec 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ ANTIGENIC DETERMINANTS/ *BLOOD PLATELETS, immunology/ DOGS/ ENGLISH ABSTRACT/ GENETICS/ *ISOANTIGENS

680. **Belousov AS, Iumashkina AG, Sharova IuA, et al:** Osobennosti gemostaza u bol'nykh iazvennoĭ bolezn'iu, oslozhnennoĭ krovotecheniem (voprosy patogeneza, prognozirovaniia i lecheniia). Ter Arkh 49(5):103–5, 1977 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ *HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIC ULCER HEMORRHAGE, physiopathology/ PEPTIC ULCER HEMORRHAGE, therapy/ PROGNOSIS

681. **Belousov IuB, Dudaev VA, Shmushkovich BI, et al:** Tipy giperlipoproteidemii i prodolzhitel'nost' zhizni trombotsitov pri ishemicheskoĭ bolezni serdtsa.
Kardiologiia 17(5):24–31, May 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *BLOOD PLATELETS, pathology/ BLOOD PLATELETS, physiology/ CELL SURVIVAL/ CHOLESTEROL, blood/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERLIPEMIA, blood/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION/ TRIGLYCERIDES, blood

682. **Belozerskiĭ MA:** Ingibitor fenol'noĭ prirody proteinazy iz semian grechikhi Biokhimiia 42(2):359–62, Feb 77 (Eng. Abstr.) **(Rus)**
ANTHOCYANINS, analysis/ BENZOYLARGININE NITROANILIDE/ ENGLISH ABSTRACT/ ENZYME INHIBITORS, analysis/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PHENOLS, analysis/ *SEEDS, analysis

683. **Belpaire FM, Bogaert MG, Mussche MM:** Influence of acute renal failure on the protein binding of drugs in animals and in man. Eur J Clin Pharmacol 11(1):27–32, 1977
ANIMAL/ *BLOOD PROTEINS, metabolism/ CATS/ COMPARATIVE STUDY/ DIGITOXIN, blood/ DOGS/ *DRUGS, blood/ FEMALE/ GUINEA PIGS/ HUMAN/ KIDNEY FAILURE, ACUTE, blood/ KIDNEY FAILURE, ACUTE, chemically induced/ *KIDNEY FAILURE, ACUTE, physiopathology/ MALE/ PAPAVERINE, blood/ PHENYLBUTAZONE, blood/ PROTEIN BINDING/ QUINIDINE, blood/ RABBITS/ RATS/ SPECIES SPECIFICITY/ TIME FACTORS/ URANYL NITRATE, pharmacodynamics/ UREA, blood/ WARFARIN, blood

684. **Belskiĭ NE, Garagan SE, Basamygina LIa:** Chastota koronarotromboza i tromboemolicheskikh oslozhneniĭ pri infarkte miokarda. Vrach Delo (6):3–7, Jun 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *CORONARY DISEASE, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ *THROMBOEMBOLISM, etiology

685. **Beltrami P, Calandriello B, Colĭ G:** Axial deviations of the knee with secondary arthrosis. Correction by high osteotomy of the tibia and fibula.
Ital J Orthop Traumatol 2(2):163–79, Aug 76
ADULT/ AGED/ BIOMECHANICS/ BONE NAILS/ FEMALE/ FIBULA, surgery/ HUMAN/ *JOINT DISEASES, surgery/ *KNEE JOINT, surgery/ MALE/ MIDDLE AGE/ *OSTEOTOMY, methods/ POSTOPERATIVE COMPLICATIONS/ THROMBOPHLEBITIS, etiology/ TIBIA, surgery/ TIME FACTORS

686. **Beltrán Hernández J, Ferrat Carvajal AL, Ballester Santovenia A, et al:** Preparado leucocitario por el método de la dextrana a pH ácido Sangre (Barc) 21(3):529–33, 1976 (Eng. Abstr.) **(Spa)**
BLOOD DONORS/ *BLOOD PRESERVATION, methods/ *DEXTRAN/ ENGLISH ABSTRACT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LEUKOCYTES/ LEUKOCYTES, analysis/ TIME FACTORS

687. **Ben-Bassat M, Ben-Bassat M, Kaplan I:** A study of the ultrastructural features of the cut margin of skin and mucous membrane specimens excised by carbon dioxide laser. J Surg Res 21(2):77–84, Aug 76
CAPILLARIES, ultrastructure/ *CARBON DIOXIDE, therapeutic use/ EPITHELIAL CELLS, ultrastructure/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ *LASER COAGULATION/ MELANOMA, surgery/ MICROSCOPY, ELECTRON/ MUCOUS MEMBRANE, ultrastructure/ MYOBLASTOMA, surgery/ NECROSIS/ SKIN NEOPLASMS, surgery/ *SKIN, ultrastructure/ TONGUE NEOPLASMS, surgery/ WOUND HEALING

688. **Ben-Efraim S, Kleinman R, Liacopoulos P:** Interference between dinitrophenyl and azobenzenearsonate determinants on in vitro binding to lymphoid cells. II. Type of binding cells and studies at the level of individual lymphoid cells. Cell Immunol 26(2):190–9, Oct 76
AMINOCAPROIC ACIDS/ ANIMAL/

ANTIGENS/ ARSENATES, immunology/ AZO COMPOUNDS, immunology/ *BENZENE DERIVATIVES, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *DINITROBENZENES, immunology/ MACROPHAGES, immunology/ MALE/ MICE/ MICE, INBRED BALB C/ MICE, INBRED CBA/ MICE, NUDE/ NEOPLASMS, EXPERIMENTAL, immunology/ *NITROBENZENES, immunology/ SERUM ALBUMIN/ SPLEEN, immunology/ *T-LYMPHOCYTES, immunology

689. **Ben-Ismail M, Enriquez-Sarano L, Ghariani M, et al:** Evolution à long terme des prothèses valvulaires. A propos de 299 malades opérés. Arch Mal Coeur 70(5):469-76, May 77 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ ANTICOAGULANTS, therapeutic use/ CHILD/ EMBOLISM, prevention & control/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ THROMBOSIS, prevention & control

690. **Ben-Sasson SZ, Lipscomb MF, Tucker TF, et al:** Specific binding of T lymphocytes to macrophages. II. Role of macrophage-associated antigen. J Immunol 119(4):1493-500, Oct 77
ANIMAL/ ANTIGENS/ BINDING SITES/ GUINEA PIGS/ HAPTENS/ LATEX PARTICLES/ *MACROPHAGES, immunology/ PERITONEAL FLUID, cytology/ PRONASE/ *T-LYMPHOCYTES, immunology/ TRINITROBENZENES/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

691. **Benabid Y, Concord E, Suscillon M:** Soluble fibrin complexes: separation as a function of pH and characterization. Thromb Haemostas 37(1):144-53, 28 Feb 77
ANIMAL/ CALCIUM/ CATTLE/ FACTOR XIII/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, isolation & purification/ HYDROGEN-ION CONCENTRATION/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT

692. **Benaim R, Calvo G, Fischler M, et al:** Les thromboembolies subaiguës ou chroniques de l'artère pulmonaire. La place du traitement fibrinolytique (à propos de 9 cas) Ann Med Interne (Paris) 127(10):767-70, Oct 76 **(Fre)**
ADULT/ AGED/ CHRONIC DISEASE/ CLINICAL RESEARCH/ FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, PULMONARY, drug therapy/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, complications/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY HEART DISEASE, drug therapy/ STREPTOKINASE, therapeutic use/ TIME FACTORS/ UROKINASE, therapeutic use

693. **Benditt EP:** The origin of atherosclerosis. Sci Am 236(2):74-85, Feb 77
ANIMAL/ ARTERIES, anatomy & histology/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, pathology/ BLOOD PRESSURE/ CHICKENS/ CHOLESTEROL, pharmacodynamics/ CLONE CELLS, pathology/ ESTROGENS, pharmacodynamics/ HUMAN/ MODELS, BIOLOGICAL/ MUTAGENS/ MUTATION/ NEOPLASMS, complications/ RISK/ THROMBOSIS, etiology

694. **Bendl BJ, Asano K, Lewis RJ:** Nodular angioblastic hyperplasia with eosinophilia and lymphofolliculosis. Cutis 19(3):327-9, Mar 77
CASE REPORT/ CHILD/ *EAR NEOPLASMS, pathology/ EAR, EXTERNAL, pathology/ FEMALE/ *HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ MIDDLE AGE/ *SKIN NEOPLASMS, pathology

695. **Bendl BJ:** Complications of the tunnel-graft procedure for attachment of a hairpiece: a review of 100 cases. J Dermatol Surg Oncol 3(3):329-31, May-Jun 77
ADULT/ AGED/ *HAIR/ HEMATOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS/ *SCALP, surgery/ SKIN DISEASES, etiology/ *SKIN, transplantation/ SWEATING/ TRANSPLANTATION, AUTOLOGOUS

696. **Bendtzen K:** Human leukocyte migration inhibitory factor (LIF). II. Partial biochemical characterization of the substrate specificities for this lymphokine. Scand J Immunol 6(1-2):133-40, 1977
BENZYL COMPOUNDS, pharmacodynamics/ BINDING, COMPETITIVE/ *CARBOXYLIC ACIDS, pharmacodynamics/ ESTERASES, antagonists & inhibitors/ *ESTERS, pharmacodynamics/ HUMAN/ ISOFLUROPHATE, pharmacodynamics/ LYMPHOCYTES, secretion/ *MIGRATION INHIBITORY FACTOR, antagonists & inhibitors/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ SERINE

697. **Bendtzen K:** Human leukocyte migration inhibitory factor (LIF). I. Effect of synthetic and naturally occurring esterase and protease inhibitors. Scand J Immunol 6(1-2):126-31, 1977
DOSE-RESPONSE RELATIONSHIP, DRUG/ *ESTERASES, antagonists & inhibitors/ FLUORIDES, pharmacodynamics/ HUMAN/ ISOFLUROPHATE, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LYMPHOCYTES, secretion/ *MIGRATION INHIBITORY FACTOR, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ SERINE, metabolism/ TIME FACTORS/ TRYPSIN INHIBITORS, pharmacodynamics

698. **Bendtzen K:** Human leukocyte migration inhibitory factor (LIF). I. Effect of synthetic and naturally occurring esterase and protease inhibitors. Scand J Immunol 6(1-2):125-31, 1977
CELL MIGRATION INHIBITION/ CHROMATOGRAPHY, GEL/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTERASES, antagonists & inhibitors/ FRACTIONATION/ HUMAN/ INDICATORS AND REAGENTS/ *ISOFLUROPHATE, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *LEUKOCYTES, immunology/ MIGRATION INHIBITORY FACTOR, biosynthesis/ MIGRATION INHIBITORY FACTOR, isolation & purification/ *MIGRATION INHIBITORY FACTOR, metabolism/ MITOGENS, pharmacodynamics/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ *SULFONES, pharmacodynamics/ TEMPERATURE/ TIME FACTORS/ TRYPSIN INHIBITORS, pharmacodynamics

699. **Benedetti WL, González-Panizza VH, Alvarez H:** Critical closing pressure in the fetal vessel of the human placenta in vitro. II. Compared effects of a beta adrenergic substance, Salbutamol, on the critical closing pressure and vascular resistance. Reproduccion 3(1-2):107-12, Jan-Jun 76 (Eng. Abstr.)
*ALBUTEROL, pharmacodynamics/ *BLOOD VESSELS, drug effects/ BLOOD VISCOSITY/ COMPARATIVE STUDY/ DRUG EVALUATION/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PLACENTA, blood supply/ PLACENTA, drug effects/ PREGNANCY/ PRESSURE/ *VASCULAR RESISTANCE, drug effects

700. **Benedetti-Valentini F, Fiorani P, Pistolese GR:** Le sequele della chirurgia delle arterie Recent Prog Med (Roma) 60(4):386-406, Apr 76 (Eng. Abstr.) **(Ita)**
AORTIC ANEURYSM, surgery/ *ARTERIES, surgery/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD VESSEL PROSTHESIS, adverse effects/ CEREBROVASCULAR

DISORDERS, diagnosis/ ENGLISH ABSTRACT/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ PULMONARY EMBOLISM, diagnosis

701. **Benenson A, Kapeller M, Doljanski F:** Surface proteins of fibroblast and sarcoma cells--their shedding and trypsin susceptibility. Isr J Med Sci 13(8):852-8, Aug 77
ANIMAL/ *CHICK EMBRYO, cytology/ CHICKENS/ CULTURE MEDIA, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBROBLASTS, metabolism/ IN VITRO/ IODINE RADIOISOTOPES/ LIPIDS, metabolism/ *MEMBRANE PROTEINS, metabolism/ MOLECULAR WEIGHT/ *ROUS SARCOMA, metabolism/ *TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

702. **Benfer J, Struck H:** Factor XIII and fracture healing. An experimental study. Eur Surg Res 9(3):217-23, 1977
ANIMAL/ FACTOR XIII, administration & dosage/ *FACTOR XIII, therapeutic use/ *FRACTURES, drug therapy/ FRACTURES, pathology/ FRACTURES, radiography/ INJECTIONS, INTRAVENOUS/ MALE/ RATS/ *WOUND HEALING

703. **Bengtsson BO, Nabholz M, Kennett R, et al:** Human intraspecific somatic cell hybrids: a genetic and karyotypic analysis of crosses between lymphocytes and D98/AH-2. Somatic Cell Genet 1(1):41-64, Jan 75
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ ALLELES/ AZAGUANINE, pharmacodynamics/ CROSSES, GENETIC/ DRUG RESISTANCE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ *HELA CELLS/ HL-A/ HUMAN/ *HYBRID CELLS/ HYPOXANTHINE PHOSPHORIBOSYLTRANSFERASE, analysis/ IN VITRO/ KARYOTYPING/ *LYMPHOCYTES/ MALE/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PHOSPHOGLUCOMUTASE, analysis/ PLANT AGGLUTININS, pharmacodynamics/ SEX CHROMOSOMES

704. **Bengtsson G, Olivecrona T:** Interaction of heparin with proteins. Demonstration of different binding sites for antithrombin and lipoprotein lipase. FEBS Lett 79(1):59-63, 1 Jul 77
ANIMAL/ *ANTITHROMBINS/ ANTITHROMBINS, metabolism/ BINDING SITES/ CHROMATOGRAPHY, AFFINITY/ *HEPARIN/ HEPARIN, isolation & purification/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, metabolism/ MILK, enzymology/ PROTEIN BINDING/ RATS

705. **Benke A, Kosak D, Platthy G:** Zur Atiologie der Schocklunge Med Klin 71(42):1775-9, 15 Oct 76 (Eng. Abstr.) **(Ger)**
ADULT/ BLOOD VESSELS, pathology/ CASE REPORT/ *CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFARCTION, complications/ INTESTINE, SMALL, blood supply/ LUNG, pathology/ MESENTERIC VASCULAR OCCLUSION, complications/ PERITONITIS, complications/ *RESPIRATORY DISTRESS SYNDROME, ADULT, etiology/ RESPIRATORY DISTRESS SYNDROME, ADULT, pathology/ SHOCK, SEPTIC, complications/ *THROMBOEMBOLISM, complications/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, pathology

706. **Benko H, Neumayr A, Peschl L, et al:** Erste klinische Erfahrungen mit der Szintiphotosplenoportographie Acta Med Austriaca 3(1):19-28, 1976 (Eng. Abstr.) **(Ger)**
AGED/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FATTY LIVER, diagnosis/ HUMAN/ HYPERTENSION, PORTAL, diagnosis/ LIVER CIRRHOSIS, diagnosis/ *LIVER DISEASES, diagnosis/ LIVER NEOPLASMS, diagnosis/ MIDDLE AGE/ PORTACAVAL ANASTOMOSIS/ PORTAL VEIN/ *RADIONUCLIDE IMAGING/ *SPLENOPORTOGRAPHY, methods/ TECHNETIUM, diagnostic use/ THROMBOSIS, diagnosis/ TIME FACTORS

707. **Benkoël L, Chamlian A, Barrat E, et al:** The use of ferricyanide for the electron microscopic demonstration of dehydrogenases in human steroidogenic cells. J Histochem Cytochem 24(11):1194-203, Nov 76
*ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, ultrastructure/ ANTIMYCIN A, pharmacodynamics/ *CORPUS LUTEUM, enzymology/ CORPUS LUTEUM, ultrastructure/ ELECTRON TRANSPORT/ FEMALE/ *FERRICYANIDES/ FETUS/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYDROXYSTEROID DEHYDROGENASES, analysis/ HYDROXYSTEROID DEHYDROGENASES, metabolism/ MALE/ MICROSCOPY, ELECTRON/ *NADH, NADPH OXIDOREDUCTASES, analysis/ NADH, NADPH OXIDOREDUCTASES, metabolism/ *PLACENTA, enzymology/ PLACENTA, ultrastructure/ PREGNANCY/ QUINONE REDUCTASES/ ROTENONE, pharmacodynamics/ *TESTIS, enzymology/ TESTIS, ultrastructure/ VITAMIN K, pharmacodynamics

708. **Bennett B:** Coagulation pathways: interrelationships and control mechanisms. Semin Hematol 14(3):301-18, Jul 77 (192 ref.)
ALPHA MACROGLOBULINS, pharmacodynamics/ ALPHA 1-ANTITRYPSIN, pharmacodynamics/ ANTITHROMBINS, pharmacodynamics/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION/ FACTOR IX, metabolism/ FACTOR V, metabolism/ FACTOR VIII, metabolism/ FACTOR VII, metabolism/ FACTOR X, metabolism/ FACTOR XI, metabolism/ FACTOR XII, metabolism/ FIBRIN, biosynthesis/ FIBRINOGEN, metabolism/ HUMAN/ KININOGENS, metabolism/ KININS, metabolism/ MOLECULAR WEIGHT/ PROTHROMBIN, metabolism/ REVIEW/ THROMBIN, biosynthesis/ TISSUE EXTRACTS, metabolism

709. **Bennett M, Parker AC, Ludlam CA:** Platelet and fibrinogen survival in acute promyelocytic leukaemia. Br Med J 2(6035):565, 4 Sep 76
ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ CASE REPORT/ CELL SURVIVAL/ FEMALE/ *FIBRINOGEN, metabolism/ HUMAN/ *LEUKEMIA, MYELOBLASTIC, blood/ TIME FACTORS

710. **Benoit PW, Hunt LM:** Comparison of a microcrystalline collagen preparation and gelatin foam in extraction wounds. J Oral Surg 34(12):1079-83, Dec 76
ALVEOLAR PROCESS, anatomy & histology/ ALVEOLAR PROCESS, physiology/ ALVEOLAR PROCESS, surgery/ ANIMAL/ CATS/ *COLLAGEN, physiology/ COMPARATIVE STUDY/ CRYSTALLINS/ FEMALE/ *GELFOAM, therapeutic use/ HEMOSTASIS/ MALE/ *TOOTH EXTRACTION/ WOUND HEALING

711. **Benowitz NL, Meister W:** Pharmacokinetics in patients with cardiac failure. Clin Pharmacokinet 1(6):389-405, Nov-Dec 76 (73 ref.)
ABSORPTION/ ADMINISTRATION, ORAL/ ANTICOAGULANTS, metabolism/ DIGOXIN, metabolism/ DIURETICS, metabolism/ DRUGS, administration & dosage/ *DRUGS, metabolism/ *HEART FAILURE, CONGESTIVE, metabolism/ HEART FAILURE, CONGESTIVE, physiopathology/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ KIDNEY, metabolism/ KINETICS/ LIDOCAINE, metabolism/ LIVER, metabolism/ MODELS, BIOLOGICAL/ PROCAINE AMIDE, metabolism/ QUINIDINE, metabolism/ RESEARCH DESIGN/ REVIEW/ THEOPHYLLINE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

712. **Bensinger TA, Chillar RK, Beutler E:** Prolonged maintenance of 2,3-DPG in liquid blood storage: use of an internal CO2 trap to stabilize pH. J Lab Clin Med 89(3):498-503, Mar 77
ADENOSINE TRIPHOSPHATE/ *BLOOD PRESERVATION, methods/ CARBON

DIOXIDE/ *DIPHOSPHOGLYCERIC ACIDS/ HYDROGEN-ION CONCENTRATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

713. **Benson JD, Bensadoun A:** Response of adipose tissue lipoprotein lipase to fasting in the chicken and the rat--a species difference. J Nutr 107(6):990-7, Jun 77
*ADIPOSE TISSUE, enzymology/ ANIMAL/ CHICKENS/ DIET/ EPIDIDYMIS/ *FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ LIPOPROTEIN LIPASE, isolation & purification/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ PERITONEUM/ RATS/ SPECIES SPECIFICITY/ TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

714. **Benson JR, Hayflick L:** Interspecies homology of RNA tumor virus proteins. Biochemistry 16(10):2059-64, 17 May 77
*AVIAN LEUKOSIS VIRUSES, analysis/ *FELINE LEUKEMIA VIRUS, analysis/ *FRIEND VIRUS, analysis/ *MYELOBLASTOSIS VIRUS, AVIAN, analysis/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VIRAL PROTEINS

715. **Benson RE, Dodds WJ:** Immunologic characterization of canine factor VIII. Blood 48(4):521-9, Oct 76
ANIMAL/ ANTIBODIES, analysis/ ANTIGENS, analysis/ *BLOOD COAGULATION FACTORS, immunology/ DOGS/ FACTOR VIII, analysis/ *FACTOR VIII, immunology/ GOATS/ PRECIPITINS, analysis/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

716. **Benson RE, Dodds WJ:** Physical relationship between canine factor VIII coagulant activity and factor VIII-related antigen. Proc Soc Exp Biol Med 153(2):339-43, Nov 76
ANIMAL/ ANTIGENIC DETERMINANTS/ DOGS/ FACTOR VIII, analysis/ *FACTOR VIII, immunology/ FACTOR VIII, physiology/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

717. **Bensoussan D, Levy-Toledano S, Passa P:** Anomalies de l'hémostase primaire au cours de la microangiopathie diabétique Acad Rev 5(36):2383-6, 30 Oct 76 **(Fre)**
*BLOOD COAGULATION DISORDERS, blood/ *DIABETIC ANGIOPATHIES, blood/ HUMAN/ IN VITRO/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ VON WILLEBRAND FACTOR

718. **Benuck M, Marks N:** Differences in the degradation of hypothalamic releasing factors by rat and human serum. Life Sci 19(8):1271-6, 15 Oct 76
ANIMAL/ CARBOXYPEPTIDASES, blood/ COMPARATIVE STUDY/ HUMAN/ *LH-FSH RELEASING HORMONE, blood/ MALE/ *PEPTIDE HYDROLASES, blood/ PEPTIDE PEPTIDOHYDROLASES, blood/ RATS/ *SOMATOTROPIN RELEASE INHIBITING HORMONE, blood/ SPECIES SPECIFICITY/ *THYROTROPIN RELEASING HORMONE, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

719. **Benveniste J, Camussi J, Mencia-Huerta JM, et al:** Isolement et caractérisation partielle du ' platelet-activating-factor ' (PAF) Ann Immunol (Paris) 128(1-2):259-60, Jan-Mar 77 (Eng. Abstr.) **(Fre)**
ANIMAL/ *BASOPHILS/ *BLOOD COAGULATION FACTORS/ ENGLISH ABSTRACT/ *PLATELET AGGREGATION/ SWINE

720. **Berberian PA, Ziboh VA, Hsia SL:** Inhibition of cholesterol esterification in rabbit aorta by prostaglandin E2. Atherosclerosis 27(2):213-20, Jun 77
ANIMAL/ *AORTA, metabolism/ AORTA, THORACIC, pathology/ AORTIC DISEASES, pathology/ ATHEROSCLEROSIS, pathology/ *CHOLESTEROL ESTERS, antagonists & inhibitors/ CHOLESTEROL ESTERS, metabolism/ *CHOLESTEROL, analogs & derivatives/ CHOLESTEROL, analysis/ DIET, ATHEROGENIC/ MALE/ *PROSTAGLANDINS E, pharmacodynamics/ RABBITS/ SUBCELLULAR FRACTIONS, analysis/ *SUBCELLULAR FRACTIONS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

721. **Berdichevsky E, Daiber A, Anguita T, et al:** Hemoglobinuria paroxística nocturna Rev Med Chil 104(12):917-20, Dec 76 (Eng. Abstr.) **(Spa)**
ADULT/ ANEMIA, APLASTIC, drug therapy/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMOGLOBINURIA, PAROXYSMAL/ HEMOGLOBINURIA, PAROXYSMAL, drug therapy/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ NANDROLONE, administration & dosage/ NANDROLONE, therapeutic use

722. **Berdinskikh MS, Kosiakov PN:** Antigen Tomsena--novyĭ retseptor, voznikaiushchii v kletkakh pod deĭstviem miksovirusov i nekotorykh bakteriĭ Usp Sovrem Biol 82(4):132-42, Jul-Aug 76 (141 ref.) **(Rus)**
AGGLUTININS/ ANEMIA, HEMOLYTIC, ACQUIRED, immunology/ ANIMAL/ ANTIBODY FORMATION/ ANTIGENIC DETERMINANTS/ *ANTIGENS/ CATALYSIS/ ERYTHROCYTES, immunology/ HUMAN/ INFLUENZA, immunology/ MNSS BLOOD-GROUP SYSTEM/ NEWCASTLE DISEASE, immunology/ ORTHOMYXOVIRUS INFECTIONS, immunology/ PARAMYXOVIRUS INFECTIONS, immunology/ REVIEW/ TRYPSIN

723. **Bereiter-Hahn J:** Beeinträchtigung der Lebensfähigkeit von Gewebekulturzellen durch Zellzerfallsprodukte. Versuche zur Simulation von Gewebeschäden Virchows Archiv [Cell Pathol] 23(3):265-75, 17 Mar 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ CELL ADHESION/ *CELL SURVIVAL/ CELL SURVIVAL, drug effects/ ENGLISH ABSTRACT/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LYSOSOMES, enzymology/ MITOSIS/ NECROSIS, enzymology/ *NECROSIS, pathology/ PEPTIDE HYDROLASES, metabolism/ SHOCK, enzymology/ *SHOCK, pathology

724. **Beremeenko KN, Goloborod'ko OP, Opanashchenko GA:** Znachenie biokhimicheskikh issledovanii v diagnostike zlokachestvennykh novoobrazovanii LORorganov Zh Ushn Nos Gorl Bolezn (1):63-8, Jan-Feb 76 (Eng. Abstr.) **(Rus)**
ALPHA MACROGLOBULINS, analysis/ ENGLISH ABSTRACT/ HEXOKINASE, blood/ HUMAN/ LACTATE DEHYDROGENASE, blood/ *LARYNGEAL NEOPLASMS, diagnosis/ LARYNGEAL NEOPLASMS, enzymology/ *NOSE NEOPLASMS, diagnosis/ NOSE NEOPLASMS, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, blood

725. **Berent H:** Aktywność fibrynolityczna krwi po wysiłku fizycznym u chorych z pierwotnymi hiperlipoproteidemiami oraz u chorych z chorobą wieńcową Pol Arch Med Wewn 57(4):271-9, Apr 77 (Eng. Abstr.) **(Pol)**
ADULT/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ *EXERTION/ *FIBRINOLYSIS/ HUMAN/ *HYPERLIPEMIA, blood/ MALE/ MIDDLE AGE/ TRIGLYCERIDES, blood

726. **Berent H, Uchman B, Skórka B, et al:** Wybrane wskaźniki układu krzepnięcia i fibrynolizy u chorych z nadciśnieniem złośliwym Pol Tyg Lek 32(18):665-7, 2 May 77 (Eng. Abstr.) **(Pol)**
ADULT/ AGED/ *BLOOD COAGULATION/ CREATININE, blood/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *FIBRINOLYSIS/ HUMAN/ *HYPERTENSION, MALIGNANT, blood/ MALE/ MIDDLE AGE

727. **Berezin IV, Klibanov AM, Goldmacher VS, et al:** Mechanochemistry of immobilized enzymes: a new approach to studies in fundamental enzymology. II. Regulation of the rate of enzymic protein-protein interaction in polyacrylamide gel. Methods Enzymol 44:571-6, 1976

ACRYLIC RESINS/ CHYMOTRYPSINOGEN, metabolism/ ENZYME ACTIVATION/ *ENZYMES, IMMOBILIZED, metabolism/ KINETICS/ MACROMOLECULAR SYSTEMS/ METHODS/ PROTEIN BINDING/ TRYPSIN, metabolism

728. **Berezin IV, Klibanov AM, Samokhin GP, et al:** Mechanochemistry of immobilized enzymes: a new approach to studies in fundamental enzymology. I. Regulation by mechanical means of the catalytic properties of enzymes attached to polymer fibers. Methods Enzymol 44:558–71, 1976
BINDING SITES/ CHYMOTRYPSIN, metabolism/ *ENZYMES, IMMOBILIZED, metabolism/ KINETICS/ MACROMOLECULAR SYSTEMS/ METHODS/ NYLON/ PROTEIN BINDING/ TRYPSIN, metabolism

729. **Berezov IuE, Sotnikov VN, Botvinov AM, et al:** Ostanovka gastro-duodenal'nogo krovotecheniia kombinirovannym metodom Khirurgiia (Mosk) (1):85–9, Jan 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ COLD, therapeutic use/ ELECTROCOAGULATION/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ HEMOSTATICS, therapeutic use/ HUMAN/ LIGATION/ MALE/ MIDDLE AGE

730. **Berezovskii VA, Kozinets GP, Kul'baka VS:** Sostoianie kislorodnogo snabzheniia organizma obozhzennykh i nekotorye puti korrektsii gipoksii Klin Khir (12):36–40, Dec 76 (Eng. Abstr.) **(Rus)**
ANOXIA, metabolism/ *ANOXIA, therapy/ BLOOD VISCOSITY/ BLOOD VOLUME/ *BURNS, metabolism/ ENGLISH ABSTRACT/ HUMAN/ *OXYGEN CONSUMPTION/ OXYGEN INHALATION THERAPY/ PARTIAL PRESSURE/ SEPTICEMIA, metabolism/ TOXEMIA, metabolism

731. **Bergenholtz A, Gustafson GT, Hänström L:** The effect of antifibrinolytic agents on would healing in vitro. Experientia 33(2):254–6, 15 Feb 77
ANIMAL/ *ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CATS/ EPITHELIAL CELLS, physiology/ IN VITRO/ SKIN, pathology/ SKIN, physiopathology/ *WOUND HEALING

732. **Bergenthal D, Szendrei K, Reisch J:** 13C-NMR-Spektren einiger C-3 prenylierter Rutaceen-Cumarine Arch Pharm (Weinheim) 310(5):390–3, May 77 **(Ger)**
CHEMISTRY/ *COUMARINS/ NUCLEAR MAGNETIC RESONANCE/ PLANTS, MEDICINAL, analysis

733. **Bergentz S:** Respekt för 'blödarna'. Lakartidningen 74(31):2622, 3 Aug 77 **(Swe)**
*HEMOPHILIA/ *HEMORRHAGE, prevention & control/ HUMAN/ IATROGENIC DISEASE

734. **Bergentz SE:** [Effect of dextran on coagulation and hemostasis phenomena] Anesth Analg (Paris) 3(4):573–6, Jul-Aug 76 **(Fre)**
*BLOOD COAGULATION, drug effects/ *DEXTRAN, pharmacodynamics/ FIBRINOLYTIC AGENTS/ *HEMOSTASIS, drug effects/ *PLASMA SUBSTITUTES, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects

735. **Bergentz SE:** What is the significance of 'blood sludge' today -- cause or effect of disease? Vox Sang 32(4):250–6, 1977
ANEMIA, blood/ BLOOD VISCOSITY/ CELL AGGREGATION/ *ERYTHROCYTES/ NECROSIS, etiology

736. **Berger JP:** Attitude thérapeutique devant un accident cérébro-vasculaire Schweiz Med Wochenschr 106(27):924–9, 3 Jul 76 (Eng. Abstr.) **(Fre)**
ANTICOAGULANTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, surgery/ AUSCULTATION/ *BRAIN DAMAGE, CHRONIC, prevention & control/ CAROTID ARTERIES/ CEREBRAL EMBOLISM AND THROMBOSIS, prevention & control/ CEREBRAL HEMORRHAGE, surgery/ ENDARTERECTOMY/ ENGLISH ABSTRACT/ HUMAN

737. **Berger PA, Elliott GR, Erdelyi E, et al:** Platelet methylene reductase activity in schizophrenia. Arch Gen Psychiatry 34(7):808–9, Jul 77
ADULT/ AGE FACTORS/ *ALCOHOL OXIDOREDUCTASES, blood/ *BLOOD PLATELETS, enzymology/ CHRONIC DISEASE/ HOSPITALIZATION/ HUMAN/ MALE/ SCHIZOPHRENIA, blood/ *SCHIZOPHRENIA, enzymology/ TETRAHYDROFOLATES/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

738. **Berger R:** Fixierung von Trypsin an modifiziertes Wofatit CA 20 Acta Biol Med Ger 35(5):673–4, 1976 **(Ger)**
BINDING SITES/ *POLYMERS/ TEMPERATURE/ *TRYPSIN, isolation & purification

739. **Berger R, Gomoll M, Langhammer G:** Kupplung von Enzymen an modifizierte Styrol-Maleinsäureanhydrid-Kopolymere Acta Biol Med Ger 35(10):1259–65, 1976 (Eng. Abstr.) **(Ger)**
ALKALINE PHOSPHATASE/ ENGLISH ABSTRACT/ *FURANS/ GLUTAMATE DEHYDROGENASE/ *MALEIC ANHYDRIDE/ MOLECULAR WEIGHT/ POLYMERS/ *STYRENES/ TRYPSIN

740. **Berger U:** Meningokokken der Gruppe Y als Erreger respiratorischer Infektionen Med Klin 71(42):1780–3, 15 Oct 76 (Eng. Abstr.) **(Ger)**
ADENOVIRUS INFECTIONS, complications/ ADOLESCENCE/ BIOPSY, NEEDLE/ ENGLISH ABSTRACT/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ INFECTION, complications/ MALE/ MENINGOCOCCAL INFECTIONS, diagnosis/ NEISSERIA MENINGITIDIS, isolation & purification/ PNEUMONIA, diagnosis/ RESPIRATORY TRACT INFECTIONS, complications/ *RESPIRATORY TRACT INFECTIONS, etiology/ RESPIRATORY TRACT INFECTIONS, microbiology/ *SEPTICEMIA, etiology/ SEROTYPING

741. **Berger W:** Wechselwirkung zwischen oralen Antidiabetika und anderen Medikamenten Ther Umsch 33(9):633–8, Sep 76 (Eng. Abstr.) **(Ger)**
CHLORAMPHENICOL, metabolism/ COUMARINS, metabolism/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ HUMAN/ *HYPOGLYCEMIC AGENTS, metabolism/ PROBENECID, metabolism/ SULFONAMIDES, metabolism

742. **Bergier:** Les thrombocytopénies Praxis 65(27):833–6, 6 Jul 76 **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELETS, physiology/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ IMMUNOSUPPRESSION/ SPLENECTOMY/ *THROMBOPENIA

743. **Berglin E, Svalander, Teger-Nilsson A-C, et al:** Anticoagulation with defibrase during prolonged extracorporeal circulation in the dog. Scand J Thorac Cardiovasc Surg 10(3):225–30, 1976
ANIMAL/ *ANTICOAGULANTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ DOGS/ *EXTRACORPOREAL CIRCULATION/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ *PEPTIDE HYDROLASES, pharmacodynamics/ *REPTILASE, pharmacodynamics/ TIME FACTORS

744. **Bergmann H:** Gefährdung von Spender und Empfänger durch Blutabnahme und Bluttransfusion Infusionsther Klin Ernaehr 4(2):84–6, Apr 77 (Eng. Abstr.) **(Ger)**
ACIDOSIS, etiology/ BACTERIAL INFECTIONS, transmission/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD DONORS/ *BLOOD TRANSFUSION, adverse effects/ CARDIOVASCULAR DISEASES, etiology/ CITRATES, poisoning/ EMBOLISM, AIR, etiology/ ENGLISH ABSTRACT/ HUMAN/ PROTOZOAN INFECTIONS, transmission/ VIRUS DISEASES, transmission

745. **Bergner-Rabinowitz S, Ofek I:** Studies on opacity factor production by pharyngeal isolates of group A streptococci. J Infect Dis 134(2):189–92, Aug 76
CHILD/ HUMAN/ LIPOPROTEINS/ *PEPTIDE HYDROLASES, biosynthesis/ *PHARYNX, microbiology/ SEASONS/ STREPTOCOCCAL INFECTIONS, microbiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

746. **Bergoin M, Carcassonne M, Legre G, et al:** Dysplasie veineuse congénitale du membre inférieur droit associée à un syndrome de Kasabach-Merritt chez une enfant de 14 ans Destruction successive du genou et de la hanche Traitement conservateur Chirurgie 102(1):68–75, 14–28 Jan 76 (Eng. Abstr.)
ADOLESCENCE/ ARTERIOVENOUS MALFORMATIONS, complications/ *ARTERIOVENOUS MALFORMATIONS, surgery/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, complications/ HIP JOINT/ HUMAN/ JOINT DISEASES, etiology/ JOINT DISEASES, surgery/ JOINT PROSTHESIS/ KNEE JOINT/ *LEG, blood supply/ *PURPURA, THROMBOPENIC, complications/ *SKIN NEOPLASMS, complications/ SYNDROME

747. **Bergot BJ, Stanley WL, Masri MS:** Reaction of coumarin with aqua ammonia. Implications in detoxification of aflatoxin. J Agric Food Chem 25(4):865–6, Jul–Aug 77
*AFLATOXINS/ *AMMONIA/ CHEMISTRY/ *COUMARINS/ SOLUTIONS

748. **Bergqvist D, Efsing HO, Hallbook T:** Termografi--en icke-invasiv metod för trombosdiagnostik--En jämförelse med flebografi Lakartidningen 13(50):4429–34, 8 Dec 76 (Eng. Abstr.) **(Swe)**
ADULT/ AGED/ CASE REPORT/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ *PHLEBOGRAPHY/ *THERMOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography

749. **Bergqvist D, Elvelin R, Eriksson U, et al:** Thrombosis following hip arthroplasty. A study using phlebography and 125I-fibrinogen test. Acta Orthop Scand 47(5):549–57, Oct 76
AGED/ *ARTHROPLASTY, adverse effects/ DEXTRAN, therapeutic use/ FEMALE/ FIBRINOGEN, diagnostic use/ HIP JOINT, surgery/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ JOINT PROSTHESIS/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY, methods/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, radiography

750. **Bergqvist D, Hallböök T, Hessman Y:** Anticoagulation and retroperitoneal haematoma. Vasa 5(4):329–31, 1976
AGED/ *ANTICOAGULANTS, adverse effects/ AUTONOMIC NERVE BLOCK, adverse effects/ FEMALE/ *HEMATOMA, chemically induced/ HUMAN/ MALE/ *RETROPERITONEAL SPACE

751. **Bergqvist D, Arfors KE:** Microvascular haemostasis and the effect of local stimulation and inhibition of platelet function. An experimental study in rabbits. Thromb Haemostas 36(1):133–9, 31 Aug 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE, pharmacodynamics/ ANIMAL/ *BLOOD PLATELETS, drug effects/ FEMALE/ *HEMOSTASIS/ HEPARIN, pharmacodynamics/ LASERS/ MALE/ MESENTERY, blood supply/ *MICROCIRCULATION, physiology/ PROSTAGLANDINS E, pharmacodynamics/ RABBITS/ THROMBIN, pharmacodynamics/ TIME FACTORS

752. **Bergqvist D, Efsing HO, Hallböök T:** Thermography. A noninvasive method for diagnosis of deep venous thrombosis. Arch Surg 112(5):600–4, May 77
ADOLESCENCE/ ADULT/ AGED/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ PALPATION/ PHLEBOGRAPHY/ SKIN TEMPERATURE/ *THERMOGRAPHY/ *THROMBOPHLEBITIS, radiography

753. **Bergqvist D, Arfors KE:** The role of red cells in haemostatic plug formation in the isolated rabbit mesentery. Thromb Res 11(1):95–100, Jul 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ *BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ *ERYTHROCYTES/ FEMALE/ *HEMOSTASIS/ MALE/ *MESENTERIC ARTERIES, physiology/ PERFUSION/ RABBITS

754. **Bergstein JM:** The local Shwartzman reaction in the rabbit. Immunopathologic findings in the skin. Am J Pathol 86(1):117–22, Jan 77
ALBUMINS, metabolism/ ANIMAL/ COMPLEMENT 3, metabolism/ FIBRIN, metabolism/ IGG, metabolism/ IGM, metabolism/ RABBITS/ SHWARTZMAN PHENOMENON, immunology/ *SHWARTZMAN PHENOMENON, pathology/ SKIN, immunology/ *SKIN, pathology

755. **Bergstein JM:** Cutaneous vascular fibrinolytic activity in the local Shwartzman reaction. Am J Pathol 88(3):655–62, Sep 77
ANIMAL/ BLOOD VESSELS, analysis/ FEMALE/ FIBRIN, analysis/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HUMAN/ IN VITRO/ MONKEYS/ *PLASMINOGEN ACTIVATORS, analysis/ PREGNANCY/ RABBITS/ RATS/ *SHWARTZMAN PHENOMENON, blood/ SHWARTZMAN PHENOMENON, etiology/ *SKIN, blood supply/ 6-AMINOCAPROIC ACID, pharmacodynamics

756. **Bergstrom L:** Osteogenesis imperfecta: otologic and maxillofacial aspects. Laryngoscope 87(9 Pt 2 Suppl 6):1–42, Sep 77 (163 ref.)
ADOLESCENCE/ ADULT/ BONE AND BONES, pathology/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ DENTINOGENESIS IMPERFECTA, etiology/ *EAR DISEASES, etiology/ EAR, MIDDLE, pathology/ FACIAL BONES, injuries/ FEMALE/ FRACTURES, etiology/ HEARING DISORDERS, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ LABYRINTH, pathology/ MALE/ MALIGNANT HYPERTHERMIA, etiology/ *MANDIBULAR DISEASES, etiology/ MASTOID, pathology/ MAXILLOFACIAL DEVELOPMENT/ MIDDLE AGE/ *OSTEOGENESIS IMPERFECTA/ OSTEOGENESIS IMPERFECTA, blood/ OSTEOGENESIS IMPERFECTA, classification/ *OSTEOGENESIS IMPERFECTA, complications/ OSTEOGENESIS IMPERFECTA, familial & genetic/ OSTEOGENESIS IMPERFECTA, metabolism/ OSTEOGENESIS IMPERFECTA, pathology/ OTOSCLEROSIS, etiology/ PLATELET ADHESIVENESS/ REVIEW/ SKULL FRACTURES, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

757. **Berguer R, Higgins RF:** Deterioration of grafts and prostheses. J Cardiovasc Surg (Torino) 17(6):493–501, Nov–Dec 76
*ARTERIES, surgery/ BLOOD FLOW VELOCITY/ *BLOOD VESSEL PROSTHESIS/ HUMAN/ MODELS, BIOLOGICAL/ POSTOPERATIVE COMPLICATIONS/ RHEOLOGY/ THROMBOSIS, etiology

758. **Bergut FA:** Izmeneniia v sisteme svertyvaniia krovi i fibrinoliza v protsesse rosta i metastazirovaniia zlokachestvennykh novoobrazovanii Sov Med (4):45–51, Apr 76 (107 ref.) **(Rus)**
*BLOOD COAGULATION/ FIBRIN, secretion/ FIBRINOGEN, secretion/ *FIBRINOLYSIS/ HEMORRHAGE, etiology/ HEPARIN, blood/ HEPARIN, deficiency/ HUMAN/ *NEOPLASM METASTASIS, blood/ *NEOPLASMS, blood/ NEOPLASMS, pathology/ NEOPLASMS, secretion/ REVIEW/ THROMBOPLASTIN, secretion/ THROMBOSIS, etiology

759. **Bergut FA:** Izuchenie fibrinoliza pri laboratornom vyiavlenii sostoianiia tromboopasnosti Lab Delo (8):458–62, 1976 **(Rus)**
ADULT/ AGED/ BLOOD COAGULATION TESTS/ *FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ RISK/ *THROMBOSIS, blood/ THROMBOSIS, diagnosis

760. **Bergut FA, Dar'ialova SL:** Fibrinoliz pri luchevom lechenii

opukholeĭ v usloviiakh razlichnogo kislorodnogo rezhima. Med Radiol (Mosk) 22(4):53–62, Apr 77 (Eng. Abstr.) **(Rus)**

AIR/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FIBRINOLYSIS, radiation effects/ GAMMA RAYS, therapeutic use/ HUMAN/ *HYPERBARIC OXYGENATION/ *LUNG NEOPLASMS, radiotherapy/ *MOUTH NEOPLASMS, radiotherapy/ PREOPERATIVE CARE/ RADIOTHERAPY DOSAGE

761. **Berkessy S:** Beobachtungen zur Frage der septischen Thrombozytopenie und der reaktiven Thrombozytose im geburtshilflichen Krankengut Zentralbl Gynaekol 98(21):1316–8, 1976 (Eng. Abstr.) **(Ger)**

BACTERIAL INFECTIONS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PREGNANCY/ *PUERPERAL INFECTION, complications/ *SEPTICEMIA, complications/ *THROMBOCYTOSIS, etiology/ *THROMBOPENIA, etiology

762. **Berkos OV, Shchedrunov VV:** Sekretsiia proteoliticheskikh fermentov pri vvedenii pitatel'nykh veshchestv v dvenadtsatiperstnuiu i toshchuiu kishki Vopr Pitan (1):47–50, Jan–Feb 76 (Eng. Abstr.) **(Rus)**

ANIMAL/ COMPARATIVE STUDY/ *DIET/ DOGS/ ENGLISH ABSTRACT/ *GASTRIC MUCOSA, secretion/ *INTESTINAL MUCOSA, secretion/ MILK/ OILS/ *PEPTIDE HYDROLASES, secretion/ SUCROSE/ *TUBE FEEDING

763. **Berkos OV:** Antigennye svoĭstva proteoliticheskikh fermentov zheludochno-kishechnogo trakta Fiziol Zh SSSR 62(11):1661–6, Nov 76 (Eng. Abstr.) **(Rus)**

ANIMAL/ ANTIBODY SPECIFICITY/ ANTIGENIC DETERMINANTS/ *ANTIGENS/ *CHYMOTRYPSIN, immunology/ COMPARATIVE STUDY/ CROSS REACTIONS/ ENGLISH ABSTRACT/ IMMUNIZATION, SECONDARY/ *PEPSIN, immunology/ RABBITS/ *TRYPSIN, immunology

764. **Berkutov AN, Smirnov IuG:** Nastoiashchee i budushchee v lechenii perelomov (obzor zarubezhnoĭ literatury) Vestn Khir 116(1):123–8, Jan 76 **(Rus)**

ANTIBIOTICS, therapeutic use/ BONE CEMENTS, therapeutic use/ BONE NAILS/ BONE REGENERATION/ EUROPE/ FEMORAL FRACTURES, surgery/ *FRACTURE FIXATION, methods/ FRACTURE FIXATION, INTRAMEDULLARY, instrumentation/ FRACTURE FIXATION, INTRAMEDULLARY, methods/ *FRACTURES, surgery/ HUMAN/ HUMERAL FRACTURES, surgery/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ SURGICAL WOUND INFECTION, prevention & control/ WOUND INFECTION, prevention & control

765. **Berlutti F, Del Piano M, Pezzi R, et al:** Attività fosfatasica e coagulasica di ceppi di Staphylococcus aureus sviluppati in presenza di dosi subinibenti di sei antibiotici Antibiotica 13(4):242–65, Dec 75 **(Eng, Ita)**

*ANTIBIOTICS, pharmacodynamics/ *COAGULASE, metabolism/ CULTURE MEDIA/ *PHOSPHATASES, metabolism/ STAPHYLOCOCCUS AUREUS, drug effects/ *STAPHYLOCOCCUS AUREUS, enzymology

766. **Berman IR, Iliescu H, Kaganowicz A, et al:** Relationship of sodium, intravascular coagulation, and respiratory distress. Surg Forum 27(62):171–3, 1976

ANIMAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ PREGNANCY/ RATS/ *RESPIRATORY DISTRESS SYNDROME, etiology/ *SALINE SOLUTION, HYPERTONIC, pharmacodynamics/ *SODIUM CHLORIDE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

767. **Berman MA, Barash PS, Hellenbrand WE, et al:** Late development of severe pulmonary venous obstruction following the Mustard operation. Circulation 56(3 Pt 2 Suppl):II91–4, Sep 77

BODY HEIGHT/ BODY WEIGHT/ ELECTROCARDIOGRAPHY/ HEART CATHETERIZATION/ HEART MURMURS/ HEMODYNAMICS/ HUMAN/ INFANT/ POSTOPERATIVE COMPLICATIONS, diagnosis/ *PULMONARY VEINS/ THROMBOSIS, diagnosis/ *THROMBOSIS, etiology/ TIME FACTORS/ *TRANSPOSITION OF GREAT VESSELS, surgery/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

768. **Berman MB:** The role of alpha-macroglobulins in corneal ulceration. Prog Clin Biol Res 5:225–59, 1976 (55 ref.)

ALPHA MACROGLOBULINS, pharmacodynamics/ *ALPHA MACROGLOBULINS, physiology/ ANIMAL/ CLOSTRIDIOPEPTIDASE A, metabolism/ COLLAGEN, analysis/ COLLAGEN, metabolism/ *CORNEAL ULCER/ CORNEAL ULCER, enzymology/ CORNEAL ULCER, metabolism/ CORNEAL ULCER, prevention & control/ HUMAN/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN BINDING/ REVIEW/ TEARS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

769. **Bernard B, Allain JP:** Rôle du médecin praticien dans le traitement de l'hémophilie Sem Hop Ther 53(2):97–100, Feb 77 **(Fre)**

FRANCE/ *HEMOPHILIA, therapy/ HOSPITALS, SPECIAL/ HUMAN/ MALE/ *PHYSICIANS

770. **Bernard B, Allain JP:** Rôle du médecin praticien dans le traitement de l'hémophilie Rev Infirm Infirm Aux Que 27(5):401–4, May 77 **(Fre)**

GENERAL PRACTICE/ *HEMOPHILIA, therapy/ HUMAN

771. **Bernard D, Gouault-Heilmann M, Ansquer JC, et al:** Etude des facteurs de l'hémostase au cours des syndromes néphrotiques. Interprétation pathogénique de déductions thérapeutiques. Ann Med Interne (Paris) 128(4):325–33, Apr 77 (Eng. Abstr.) **(Fre)**

BLOOD CELL COUNT/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ ENGLISH ABSTRACT/ FACTOR V, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FIBRINOGEN, analysis/ *GLOMERULONEPHRITIS, blood/ GLOMERULONEPHRITIS, complications/ *HEMOSTASIS/ HUMAN/ *NEPHROTIC SYNDROME, blood/ NEPHROTIC SYNDROME, complications/ PROTHROMBIN, analysis/ THROMBOEMBOLISM, prevention & control

772. **Bernard S, Grosclaude J, Adamowicz P, et al:** Comparaison des pouvoirs immunogènes de préparations purifiées de virus de la fièvre aphteuse (type O) à teneurs contrôlées en protéine externe VP1. Ann Rech Vet 8(1):79–94, 1977 (Eng. Abstr.) **(Fre)**

ANIMAL/ *ANTIBODY FORMATION/ ANTIGENS, VIRAL, isolation & purification/ CELLS, CULTURED/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FOOT-AND-MOUTH DISEASE VIRUS, analysis/ FOOT-AND-MOUTH DISEASE VIRUS, growth & development/ *FOOT-AND-MOUTH DISEASE VIRUS, immunology/ GUINEA PIGS/ IMMUNIZATION/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ TRYPSIN, pharmacodynamics/ *VIRAL PROTEINS, immunology/ VIRAL PROTEINS, isolation & purification/ VIRULENCE

773. **Bernardczykowa A, Gogolkiewicz J:** La structure du corps vitré dans les yeux aphaques. Mod Probl Ophthalmol 18:468–72, 1977 (Eng. Abstr.) **(Fre)**

AGED/ *CATARACT EXTRACTION/ CHYMOTRYPSIN, therapeutic use/ COMPARATIVE STUDY/ CRYOGENIC SURGERY/ ENGLISH ABSTRACT/ ENZYMATIC ZONULOLYSIS/ HUMAN/ MIDDLE AGE/ *VITREOUS BODY, pathology

774. **Berndt SF, Brachtel D, Richter E:** EEG-Verlaufskontrolle und Klinisch-chemische Befunde bei Knollenbätterpilzvergiftungen EEG EMG 7(2):87–91, Jun 76 **(Ger)**

ADULT/ AGED/ AMANITA/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BRAIN DISEASES, blood/ *BRAIN DISEASES, diagnosis/ BRAIN DISEASES,

NLM-FIB-A77 00372

enzymology/ BRAIN DISEASES, etiology/ CASE REPORT/ *ELECTROENCEPHALOGRAPHY, methods/ FACTOR V, isolation & purification/ FACTOR VII, isolation & purification/ FEMALE/ HUMAN/ MALE/ MONITORING SYSTEMS/ MUSHROOM POISONING, blood/ MUSHROOM POISONING, complications/ *MUSHROOM POISONING, diagnosis/ MUSHROOM POISONING, enzymology

775. **Bernhardt B, Valletta M:** Lupus anticoagulant in myelofibrosis. Am J Med Sci 272(2):229–31, Sep–Oct 76
*BLOOD COAGULATION/ CASE REPORT/ FACTOR X, antagonists & inhibitors/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ MALE/ MIDDLE AGE/ *MYELOFIBROSIS, blood

776. **Bernik MB, Oller EP:** Plasminogen activator and proactivator (urokinase precursor) in lung cultures. J Am Med Wom Assoc 31(12):465–72, Dec 76
ADULT/ *ENZYME PRECURSORS, metabolism/ FEMALE/ FETUS/ HUMAN/ *LUNG, enzymology/ MIDDLE AGE/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PLASMINOGEN ACTIVATORS, metabolism/ TISSUE CULTURE/ *UROKINASE, metabolism

777. **Bernstein EF:** Prevention of pulmonary embolism by inferior vena cava filters: Results in 62 cases. Invited commentary. World J Surg 1(1):117, Jan 77
ANTICOAGULANTS, therapeutic use/ *FILTRATION, instrumentation/ HUMAN/ *PULMONARY EMBOLISM, prevention & control/ *VENA CAVA, INFERIOR/ VENA CAVA, INFERIOR, physiopathology

778. **Berrettini WH, Vogel WH, Clouse R:** Platelet monoamine oxidase in chronic schizophrenia. Am J Psychiatry 134(7):805–7, Jul 77
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, enzymology/ CHRONIC DISEASE/ FEMALE/ GENETICS, BIOCHEMICAL/ HUMAN/ KINETICS/ MALE/ METHODS/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ SCHIZOPHRENIA, blood/ *SCHIZOPHRENIA, enzymology/ TRYPTAMINES

779. **Berson I:** Expøerimentation clinique dans l'IVC(double aveugle) du gel doxivenil et d' un gel contenant un héparinoïde seul Praxis 65(32):991–3, 10 Aug 76 (Eng. Abstr.) **(Fre)**
*BENZENESULFONATES, therapeutic use/ *CALCIUM DOBESILATE, therapeutic use/ DRUG COMBINATIONS/ DRUG EVALUATION/ ENGLISH ABSTRACT/ *HEPARINOID, therapeutic use/ HUMAN/ *VENOUS INSUFFICIENCY, drug therapy

780. **Bertina RM, van der Linden IK:** Inhibitor–neutralisation assay and electro–immuno assay of human factor IX (Christmas factor). Clin Chim Acta 77(3):275–86, 15 Jun 77
ADULT/ ANTIBODY SPECIFICITY/ ANTIGENS/ CHRISTMAS DISEASE, blood/ COMPARATIVE STUDY/ EVALUATION STUDIES/ *FACTOR IX, analysis/ FACTOR IX, immunology/ FEMALE/ HUMAN/ IMMUNE SERUMS/ IMMUNOASSAY/ IMMUNOELECTROPHORESIS/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ MALE/ NEUTRALIZATION TESTS/ RABBITS, immunology

781. **Bertolone S:** Neonatal oncology. Pediatr Clin North Am 24(3):585–98, Aug 77 (75 ref.)
ABNORMALITIES, complications/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HEMANGIOMA, congenital/ HUMAN/ INFANT/ INFANT, NEWBORN/ KIDNEY NEOPLASMS, congenital/ LEUKEMIA, congenital/ LYMPHANGIOMA, congenital/ NEOPLASM METASTASIS/ *NEOPLASMS, congenital/ NEOPLASMS, complications/ NEPHROBLASTOMA, congenital/ NEUROBLASTOMA, congenital/ PREGNANCY COMPLICATIONS/ PREGNANCY/ REVIEW/ TERATOID TUMOR, congenital

782. **Bertorello CF, Pescetto T, Bo G:** Manifestazioni emorragiche secondarie a coagulopatia da consumo, in paziente affetto da morbo di Cooley. Loro trattamento con eparina. Minerva Pediatr 29(22):1423–6, 23 Jun 77 **(Ita)**
ADOLESCENCE/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ EPISTAXIS, etiology/ *HEMORRHAGE, etiology/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ *THALASSEMIA, complications

783. **Bertuglia S, De Franciscis P, Greco AM, et al:** Effects of exogenus lithium upon lipid metabolism in rats fed atherogenetic diet. (preliminary note). Boll Soc Ital Biol Sper 52(23):2009–13, 15 Dec 76
ANIMAL/ BODY WEIGHT, drug effects/ *DIET, ATHEROGENIC/ LIPIDS, blood/ *LIPIDS, metabolism/ *LITHIUM, pharmacodynamics/ LIVER, metabolism/ MALE/ RATS

784. **Bertulla A, Riva A:** Acido acetilsalicilico ed aggregazione piastrinica. Studio clinico Ateneo Parmense [Acta Biomed] 47(6):707–19, Nov–Dec 76 (Eng. Abstr.) **(Ita)**
ADULT/ AGED/ *ASPIRIN, therapeutic use/ *BLOOD PLATELET DISORDERS, drug therapy/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION, drug effects

785. **Bessermann–Nielsen M:** Orale blødninger hos haemofilipatienter Tandlaegebladet 78(18):75[illegible]–61, Sep 74 **(Dan)**
CASE REPORT/ *CHRISTMAS DISEASE, complications/ *HEMOPHILIA, complications/ *HEMORRHAGE, ORAL, prevention & control/ HUMAN/ INFANT/ MALE

786. **Bessis M:** La forme et la déformabilité des érythrocytes normaux et dans certaines anémies hémolytiques congénitales. Nouv Rev Fr Hematol Blood Cells 18(1):75–94, 1977 **(Fre)**
*ANEMIA, HEMOLYTIC, CONGENITAL, blood/ ANEMIA, SICKLE CELL, blood/ BLOOD PRESERVATION/ ERYTHROCYTE MEMBRANE, cytology/ *ERYTHROCYTES, cytology/ ERYTHROCYTES, physiology/ *ERYTHROCYTES, ABNORMAL, cytology/ HUMAN/ SPHEROCYTES, ultrastructure/ SPHEROCYTOSIS, HEREDITARY, blood

787. **Bessler H, Agam G, Djaldetti M:** Increased protein synthesis by human platelets during phagocytosis of latex particles in vitro. Thromb Haemostas 35(2):350–7, 30 Apr 76
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ BLOOD PROTEINS, biosynthesis/ HUMAN/ LATEX PARTICLES/ *PHAGOCYTOSIS/ PHAGOCYTOSIS, drug effects/ VINCRISTINE, pharmacodynamics

788. **Bessot JC, Vandevenne A, Petitjean R, et al:** Les accidents 'immuno–allergiques' de la rifampicine. Poumon Coeur 33(2):107–15, 1977 (Eng. Abstr.) **(Fre)**
AGED/ ANTIBODIES, analysis/ CASE REPORT/ *DRUG HYPERSENSITIVITY/ DRUG HYPERSENSITIVITY, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PURPURA, THROMBOPENIC, chemically induced/ *RESPIRATORY TRACT DISEASES, chemically induced/ *RIFAMPIN, adverse effects/ RIFAMPIN, immunology/ RIFAMPIN, therapeutic use/ *SKIN DISEASES, chemically induced/ *TUBERCULOSIS, PULMONARY, drug therapy

789. **Best J:** Lesson plan for self–treatment in hemophilia. Mt Sinai J Med NY 44(3):470–9, May–Jun 77
BLOOD TRANSFUSION/ EDUCATION/ *FACTOR VIII, administration & dosage/ *HEMOPHILIA, therapy/ HUMAN/ SELF ADMINISTRATION, methods

790. **Best LC, Martin TJ, Russell RG, et al:** Prostacyclin increases cyclic AMP levels and adenylate cyclase activity in platelets. Nature 267(5614):850–2, 30 Jun 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ADENYL CYCLASE, blood/ AORTA, enzymology/ ARACHIDONIC ACIDS, pharmacodynamics/

*BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ CELL MEMBRANE, enzymology/ EPINEPHRINE, pharmacodynamics/ HUMAN/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, blood/ *PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, SYNTHETIC, pharmacodynamics

791. **Bethge:** Antikoagulantien bei tuberkulostatischer Behandlung Dtsch Med Wochenschr 102(15):590, 15 Apr 77 **(Ger)**
AGED/ DRUG ANTAGONISM/ EPIDIDYMITIS, drug therapy/ *ETHAMBUTOL, therapeutic use/ HUMAN/ *ISONIAZID, therapeutic use/ MALE/ *PHENPROCOUMON, therapeutic use/ *RIFAMPIN, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ TUBERCULOSIS, MALE GENITAL, drug therapy/ *4-HYDROXYCOUMARINS, therapeutic use

792. **Betterle C, Fabris F, de Marco L, et al:** Clotting factors and platelets. Immunofluorescence evidence that fibrinogen and factor VIII are present in human washed platelets, whereas prothrombin complex factors and factor XIII are lacking. Haemostasis 6(3):171–9, 1977
ANTIGENS, analysis/ *BLOOD COAGULATION FACTORS, immunology/ *BLOOD PLATELETS, analysis/ FACTOR IX, immunology/ FACTOR VIII, immunology/ FACTOR VII, immunology/ FACTOR X, immunology/ FACTOR XIII, immunology/ FIBRINOGEN, immunology/ FLUORESCENT ANTIBODY TECHNIC/ GOATS/ HUMAN/ IMMUNE SERUMS, pharmacodynamics/ PROTHROMBIN, immunology/ RABBITS

793. **Bettmann MA, Paulin S:** Leg phlebography: the incidence, nature and modification of undesirable side effects. Radiology 122(1):101–4, Jan 77
*CONTRAST MEDIA, adverse effects/ DIATRIZOATE, adverse effects/ FEMALE/ HUMAN/ INFLAMMATION, etiology/ *LEG, blood supply/ MALE/ MEGLUMINE DIATRIZOATE, adverse effects/ PAIN, etiology/ *PHLEBOGRAPHY, adverse effects/ PROSPECTIVE STUDIES/ THROMBOPHLEBITIS, radiography/ TIME FACTORS

794. **Betton GR:** Agglutination reactions of spontaneous canine tumour cells, induced by concanavalin A, demonstrated by an isotopic assay. Int J Cancer 18(5):687–96, 15 Nov 76
AGGLUTINATION TESTS, methods/ *AGGLUTINATION, drug effects/ ANIMAL/ CELL LINE/ CHROMIUM RADIOISOTOPES/ CONCANAVALIN A, administration & dosage/ *CONCANAVALIN A, pharmacodynamics/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *MAMMARY NEOPLASMS, EXPERIMENTAL, immunology/ *MELANOMA, immunology/ NEOPLASMS, EXPERIMENTAL, immunology/ TEMPERATURE/ TRYPSIN, pharmacodynamics

795. **Beutel U:** Die Temperaturabhängigkeit der Sedimentationsgeschwindigkeit menschlicher Erythrozyten Acta Biol Med Ger 35(10):1393–7, 1976 (Eng. Abstr.) **(Ger)**
*BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ ENGLISH ABSTRACT/ ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, physiology/ HUMAN/ LIPIDS, blood/ *TEMPERATURE/ TIME FACTORS

796. **Bevilacqua G, Toni G, Tuoni M:** A case of cavernous haemangioma of the spleen. Tumori 62(5):485–92, Sep–Oct 76
ADULT/ CASE REPORT/ FEMALE/ HEMANGIOMA, CAVERNOUS, diagnosis/ *HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ RADIONUCLIDE IMAGING/ SPLENIC NEOPLASMS, diagnosis/ *SPLENIC NEOPLASMS, pathology/ SPLENIC NEOPLASMS, surgery

797. **Bewley TA:** Optical activity of disulfide bonds in proteins. 1. Studies on plasmin modified human somatotropin. Biochemistry 16(2):209–15, 25 Jan 77
ALKYLATION/ CIRCULAR DICHROISM/ *DISULFIDES/ DITHIOTHREITOL/ FIBRINOLYSIN, metabolism/ HUMAN/ OXIDATION-REDUCTION/ PEPTIDES/ *SOMATOTROPIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

798. **Beyer JH, Hilgard P:** The use of RA 233 in the preparation of platelets, with the blood cell separator. Blut 35(1):75–6, 20 Jul 77
BLOOD CELL COUNT/ *BLOOD PLATELETS/ *CELL SEPARATION, instrumentation/ HUMAN/ PLATELET ADHESIVENESS/ *PYRIMIDINES/ *RA 233

799. **Beyreuther K, Raufuss H, Schrecker O, et al:** The phosphoenolpyruvate-dependent phosphotransferase system of Staphylococcus aureus. 1. Amino-acid sequence of the phosphocarrier protein HPr. Eur J Biochem 75(1):275–86, 2 May 77
AMINO ACID SEQUENCE/ AMINOPEPTIDASES/ BACTERIAL PROTEINS, isolation & purification/ BACTERIAL PROTEINS, metabolism/ BIOLOGICAL TRANSPORT/ *CARRIER PROTEINS/ CARRIER PROTEINS, metabolism/ CIRCULAR DICHROISM/ CYANOGEN BROMIDE/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHATES, metabolism/ PHOSPHOENOLPYRUVATE, pharmacodynamics/ *PHOSPHOTRANSFERASES/ PHOSPHOTRANSFERASES, isolation & purification/ PHOSPHOTRANSFERASES, metabolism/ PROTEIN CONFORMATION/ *STAPHYLOCOCCUS AUREUS, metabolism/ THERMOLYSIN/ TRYPSIN

800. **Bezborodov AM, Andreeva NA, Chermenskiĭ DN, et al:** Poisk aktinomitsetov--produtsentov ingibitorov proteoliticheskikh fermentov. Mikrobiologiia 46(2):232–8, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
CARBOHYDRATES, metabolism/ *CHYMOTRYPSIN, antagonists & inhibitors/ COMPARATIVE STUDY/ CULTURE MEDIA/ ENGLISH ABSTRACT/ NITROGEN, metabolism/ *STREPTOMYCES, metabolism/ *TRYPSIN INHIBITORS, biosynthesis

801. **Bezjian AA, Carretero MM:** Ultrasonic evaluation of pelvic masses in pregnancy. Clin Obstet Gynecol 20(2):325–38, Jun 77
ABSCESS, diagnosis/ ADNEXITIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMATOMA, diagnosis/ HUMAN/ LEIOMYOMA, diagnosis/ METHODS/ OVARIAN CYSTS, diagnosis/ *PELVIC NEOPLASMS, diagnosis/ PREGNANCY/ *ULTRASONICS, diagnostic use/ UTERINE HEMORRHAGE, diagnosis/ UTERINE NEOPLASMS, diagnosis

802. **Bezrukova AG, Ostashevsky IYA:** Gamma-irradiated chymotrypsin-like proteins. I. Structural changes. Int J Radiat Biol 31(2):131–44, Feb 77
CESIUM RADIOISOTOPES/ *CHYMOTRYPSIN, radiation effects/ *CHYMOTRYPSINOGEN, radiation effects/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ GAMMA RAYS/ MOLECULAR CONFORMATION/ *TRYPSIN, radiation effects

803. **Bezrukova AG, Ostashevsky IY:** Gamma-irradiated chymotrypsin-like proteins. II. Connection between inactivation and structural changes. Int J Radiat Biol 31(4):349–53, Apr 77
*CHYMOTRYPSIN, radiation effects/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ GAMMA RAYS/ HYDROGEN-ION CONCENTRATION/ PROTEIN BINDING, radiation effects/ PROTEIN CONFORMATION, radiation effects

804. **Bhalla VK, Reichert LE Jr:** FSH receptors in rat testis: chemical properties and solubilization studies. pp. 201–20.

In: Dufau ML, Means AR, ed. Hormone binding and target cell activation in the testis. New York, Plenum Press, 1974.
ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL/ DETERGENTS, pharmacodynamics/

EDTA, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ *FSH, metabolism/ LEYDIG CELLS, metabolism/ LH, metabolism/ MALE/ MONOGRAPH/ POLYETHYLENE GLYCOLS/ RADIOLIGAND ASSAY, methods/ RATS/ *RECEPTORS, HORMONE/ RECEPTORS, HORMONE, drug effects/ SEMINIFEROUS TUBULES, metabolism/ SEPHAROSE/ *TESTIS, metabolism/ TRYPSIN, pharmacodynamics

805. **Bhalla VK, Reichert LE Jr:** FSH receptors in rat testis: chemical properties and solubilization studies.
Curr Top Mol Endocrinol 1:201–20, 1974
ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL/ EDTA, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ *FSH, metabolism/ IODINE RADIOISOTOPES, diagnostic use/ LEYDIG CELLS, metabolism/ LH, metabolism/ MALE/ RATS/ *RECEPTORS, HORMONE/ RECEPTORS, HORMONE, drug effects/ SEMINIFEROUS TUBULES, metabolism/ SOLUBILITY/ SOLVENTS/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ *TESTIS, metabolism/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

806. **Bhargava AS, Staben P, Nieuweboer B, et al:** Effect of hexachlorophene on the coagulation process in beagle dogs. Arzneim Forsch 26(12):2183–5, 1976
ANIMAL/ *BLOOD COAGULATION, drug effects/ BLOOD SEDIMENTATION/ DOGS/ FEMALE/ *HEXACHLOROPHENE, toxicity/ MALE/ THROMBELASTOGRAPHY

807. **Bhargava KP, Nath R, Tangri KK:** Effects of anti-inflammatory agents on plasma fibrinolytic activity.
Indian J Med Res 64(7):1094–8, Jul 76
ANIMAL/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ EDEMA, drug therapy/ *FIBRINOLYSIS, drug effects/ RATS/ SERUM GLOBULINS

808. **Bhargava N, Matthijsen R, Schönbaum E:** Some effects of ORG GC 94, a potential anti-migraine drug, on human platelets. Eur J Pharmacol 42(3):241–5, 7 Apr 77
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ CELL MEMBRANE, drug effects/ *DIBENZOXAZEPINES, pharmacodynamics/ HUMAN/ IN VITRO/ *MIGRAINE, drug therapy/ MONOAMINE OXIDASE, blood/ PLATELET AGGREGATION, drug effects/ SEROTONIN, blood/ TIME FACTORS

809. **Bhargava RK, Hakim A, Shah PK, et al:** Disseminated intravascular coagulation in cases of snake bite (Echis carinatus). J Assoc Physicians India 24(10):671–5, Oct 76
ADOLESCENCE/ ADULT/ BLOOD COAGULATION/ CHILD/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ MALE/ SNAKE BITES, blood/ *SNAKE BITES, complications

810. **Bhat JG, Gombos EA, Baldwin DS:** Depressed cellular immune response to streptococcal antigens in poststreptococcal glomerulonephritis.
Clin Immunol Immunopathol 7(2):230–9, Mar 77
ADULT/ ANTIGENS/ *ANTIGENS, BACTERIAL/ CELL MEMBRANE, immunology/ DEOXYRIBONUCLEASE, immunology/ FEMALE/ *GLOMERULONEPHRITIS, immunology/ *GLOMERULOSCLEROSIS, FOCAL, immunology/ HUMAN/ *IMMUNITY, CELLULAR/ LYMPHOCYTE TRANSFORMATION/ MALE/ PLANT AGGLUTININS/ *STREPTOCOCCUS, immunology/ STREPTOKINASE, immunology/ TUBERCULIN, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

811. **Bhat PG, Karnik SS, Pattabiraman TN:** Natural plant enzyme inhibitors: Part III-purification of protease inhibitors from Lathyrus sativus seeds.
Indian J Biochem Biophys 13(4):339–43, Dec 76
CHYMOTRYPSIN, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *SEEDS, enzymology/ TRYPSIN INHIBITORS, isolation & purification

812. **Bhattacharya DK:** An experimental model for the study of kinetics of circulating platelets. Indian J Exp Biol 14(2):150–4, Mar 76
ANIMAL/ *BLOOD PLATELETS, physiology/ CELL SURVIVAL/ COMPARATIVE STUDY/ FEMALE/ HEMATOLOGY, methods/ KINETICS/ *MODELS, BIOLOGICAL/ RABBITS/ THROMBOPENIA, blood

813. **Bhattacharya P, Moskal JR, Basu S:** Embryonic chicken brain and mouse neuroblastoma cells N1E-115 and N-18 contain an inhibitor of acid deoxyribonuclease.
Proc Natl Acad Sci USA 74(3):842–5, Mar 77
*BRAIN, embryology/ BRAIN, enzymology/ CELL LINE/ CHICK EMBRYO/ *DEOXYRIBONUCLEASE, antagonists & inhibitors/ DEOXYRIBONUCLEASE, metabolism/ ISOELECTRIC POINT/ MICE/ NEOPLASMS, EXPERIMENTAL, enzymology/ NERVE TISSUE PROTEINS, isolation & purification/ NERVE TISSUE PROTEINS, metabolism/ *NEUROBLASTOMA, enzymology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

814. **Bhattacharyya P, Barnes EM Jr:** ATP-dependent calcium transport in isolated membrane vesicles from Azotobacter vinelandii. J Biol Chem 251(18):56–14–9, 25 Sep 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE, metabolism/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ AZOTOBACTER, drug effects/ *AZOTOBACTER, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, metabolism/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LACTATES, pharmacodynamics/ PHOSPHATES, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

815. **Bhavanandan VP, Breindel D, Davidson EA:** Release of O-sulfate groups under mild acid hydrolysis conditions used for estimation of N-sulfate content.
Biochim Biophys Acta 498(1):250–4, 23 Jun 77
ANIMAL/ CELL LINE/ *CHONDROITIN SULFATES/ CHONDROITIN SULFATES, isolation & purification/ *CHONDROITIN/ CHONDROITIN, analogs & derivatives/ HEPARIN, isolation & purification/ HYALURONIC ACID, isolation & purification/ MELANOMA, analysis/ MICE/ NEOPLASMS, EXPERIMENTAL, analysis/ *SULFURIC ACIDS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

816. **Bhawan J, Joris I, DeGirolami U, et al:** Effect of occlusion on large vessels. I. A study of the rat carotid artery.
Am J Pathol 88(2):355–80, Aug 77
*ARTERIAL OCCLUSIVE DISEASES, pathology/ ATHEROSCLEROSIS, pathology/ *CAROTID ARTERIES, pathology/ *CAROTID ARTERY DISEASES, pathology/ CELL DIFFERENTIATION/ CELL DIVISION/ DISEASE MODELS, ANIMAL/ ENDOTHELIUM, pathology/ ERYTHROCYTE AGGREGATION/ MUSCLE, SMOOTH, pathology/ MUSCLE, SMOOTH, ultrastructure/ PLATELET ADHESIVENESS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

817. **Bhoweer AL, Shirwatkar LG, Desai AJ:** Possible congenital deficiency of factor X (Sturat-Prower): a case report.
Ann Dent 36(1):1–7, Spring 77
ADOLESCENCE/ CASE REPORT/ *FACTOR X DEFICIENCY, congenital/ FEMALE/ GINGIVAL HEMORRHAGE, etiology/ HUMAN/ *HYPOPROTHROMBINEMIAS, congenital

818. **Bhown AS, Mole JE, Bennett JC:** Primary structure of human J chain: isolation and characterization of tryptic and chymotryptic peptides of human J chain.
Biochemistry 16(16):3501–7, 9 Aug 77
AMINO ACIDS, analysis/ CHYMOTRYPSIN/ HUMAN/ *IMMUNOGLOBULINS, J CHAIN/ MACROGLOBULINEMIA, immunology/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/

UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

819. **Biaglow JE, Jacobson BE, Nygaard OF:** Metabolic reduction of 4-nitroquinoline N-oxide and other radical-producing drugs to oxygen-reactive intermediates. Cancer Res 37(9):3306-13, Sep 77
*CARCINOMA, EHRLICH TUMOR, metabolism/ CELL SURVIVAL, drug effects/ CELLS, CULTURED/ CYTOCHROMES, metabolism/ ELECTRON TRANSPORT, drug effects/ FREE RADICALS/ GLUCOSE, metabolism/ HYDROGEN PEROXIDE, metabolism/ IN VITRO/ MICROSOMES, metabolism/ *NITROFURANS, metabolism/ NITROFURANS, pharmacodynamics/ *NITROQUINOLINES, metabolism/ OXIDATION-REDUCTION/ OXYGEN CONSUMPTION, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, metabolism/ VITAMIN K, pharmacodynamics/ *4-NITROQUINOLINE-1-OXIDE, metabolism/ 4-NITROQUINOLINE-1-OXIDE, pharmacodynamics

820. **Bianchetti G, Latini R, Morselli PL:** Gas chromatographic determination of acenocoumarin in human plasma. J Chromatogr 124(2):331-5, 15 Sep 76
*ACENOCOUMAROL, blood/ *CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, LIQUID/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ METHODS

821. **Bianchini P, Osima B, Cetino MS, et al:** Sostanze biologicamente attive in estratti di placenta Farmaco [Prat] 32(3):139-51, Mar 77 (Eng. Abstr.) **(Ita)**
ANTI-INFLAMMATORY AGENTS, analysis/ ANTICOAGULANTS, analysis/ ENGLISH ABSTRACT/ ESTROGENS, analysis/ FEMALE/ HUMAN/ LIPOPROTEIN LIPASE, blood/ *PLACENTAL EXTRACTS, analysis/ PLACENTAL EXTRACTS, pharmacodynamics/ PREGNANCY

822. **Bianco C, Eden A, Cohn ZA:** The induction of macrophage spreading: role of coagulation factors and the complement system. J Exp Med 144(6):1531-44, 1 Dec 76
ANIMAL/ *BLOOD COAGULATION FACTORS, pharmacodynamics/ BLOOD/ CELL ADHESION/ CELL MOVEMENT/ CELLS, CULTURED/ COMPLEMENT, metabolism/ *COMPLEMENT, pharmacodynamics/ CULTURE MEDIA/ ELLAGIC ACID, pharmacodynamics/ GLASS/ KAOLIN/ KINETICS/ MACROPHAGES, cytology/ *MACROPHAGES, physiology/ MICE/ MOLECULAR WEIGHT/ PLASMA/ PLASTICS/ TRYPSIN INHIBITORS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

823. **Bicher HI, Ashbrook DW, Harris DR, et al:** Changes in platelet and microcirculation function induced by ionizing radiation to the liver. Int J Radiat Oncol Biol Phys 1(7-8):679-85, Jul-Aug 76
ANIMAL/ *BLOOD PLATELETS, radiation effects/ COBALT RADIOISOTOPES/ DOGS/ FEMALE/ GAMMA RAYS/ LIVER, blood supply/ *LIVER, radiation effects/ MICROCIRCULATION, radiation effects/ OXYGEN/ PARTIAL PRESSURE/ PLATELET ADHESIVENESS, radiation effects/ PLATELET AGGREGATION, radiation effects

824. **Bicher HI, Dalrymple GV, Ashbrook D, et al:** Effect of ionizing radiation on liver microcirculation and oxygenation. Adv Exp Med Biol 75:497-503, 1976
ANIMAL/ DOGS/ FEMALE/ GLUCOSE, metabolism/ LIVER, blood supply/ LIVER, metabolism/ *LIVER, radiation effects/ *MICROCIRCULATION, radiation effects/ OXYGEN CONSUMPTION, radiation effects/ OXYGEN, blood/ PLATELET ADHESIVENESS, radiation effects/ PLATELET AGGREGATION, radiation effects/ *RADIATION, IONIZING

825. **Bick RL, Murano G, Fekete L, et al:** Daunomycin and fibrinolysis. Thromb Res 9(2):201-3, Aug 76
*DAUNOMYCIN, pharmacodynamics/ *FIBRINOLYSIS, drug effects/ HUMAN/ IN VITRO/ STREPTOKINASE, pharmacodynamics

826. **Bick RL:** Alterations of hemostasis associated with cardiopulmonary bypass: pathophysiology, prevention, diagnosis, and management. Semin Thromb Hemostas 3(2):59-82, Oct 76 (77 ref.)
BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ *CARDIOPULMONARY BYPASS, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FIBRINOLYSIS/ *HEMORRHAGE/ HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HEMORRHAGE, therapy/ *HEMOSTASIS/ HUMAN/ MEDICAL HISTORY TAKING/ PLATELET ADHESIVENESS/ REVIEW/ THROMBOPENIA, complications

827. **Bick RL, Dukes ML, Wilson WL, et al:** Antithrombin III(AT-III) as a diagnostic aid in disseminated intravascular coagulation. Thromb Res 10(5):721-9, May 77
*ANTITHROMBINS, analysis/ ASPIRIN, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEPARIN, therapeutic use/ HUMAN

828. **Bidney DL, Reeck GR:** Association products and conformations of salt-dissociated and acid-extracted histones. A two-phase procedure for isolating salt-dissociated histones. Biochemistry 16(9):1844-9, 3 May 77
ANIMAL/ CHICKENS/ *CHROMATIN, isolation & purification/ CIRCULAR DICHROISM/ DNA, isolation & purification/ *ERYTHROCYTES, analysis/ *HISTONES, isolation & purification/ METHODS/ PROTAMINES/ PROTEIN CONFORMATION/ SODIUM CHLORIDE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

829. **Bidwell E, Rizza CR, Dike GW, et al:** Clinical use of factor IX concentrates. Thromb Haemostas 35(2):488-91, 30 Apr 76
ADULT/ CASE REPORT/ *FACTOR IX, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOEMBOLISM, chemically induced

830. **Biemer D:** Vein grafts in microvascular surgery. Br J Plast Surg 30(3):197-9, Jul 77
HUMAN/ *MICROSURGERY, methods/ POSTOPERATIVE COMPLICATIONS, prevention & control/ REIMPLANTATION/ *SURGERY, PLASTIC, methods/ THROMBOSIS, prevention & control/ THUMB, surgery/ *VEINS, surgery

831. **Biemer E, Duspiva W:** Freie Verpflanzung von Haut- und Weichteilgewebe mit mikrovaskulären Anastomosen zur Defektdeckung Munch Med Wochenschr 119(17):587-92, 29 Apr 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ CASE REPORT/ *CONNECTIVE TISSUE, transplantation/ ENGLISH ABSTRACT/ FEMALE/ HAND INJURIES, surgery/ HEAD INJURIES, surgery/ HUMAN/ LEG INJURIES, surgery/ MALE/ MICROCIRCULATION/ MICROSURGERY, methods/ POSTOPERATIVE COMPLICATIONS/ SCALP/ *SKIN, transplantation/ THROMBOSIS, prevention & control/ TRANSPLANTATION, AUTOLOGOUS, methods

832. **Bieri JG, Farrell PM:** Vitamin E. Vitam Horm 34:31-75, 1976 (196 ref.)
ANIMAL/ ANTIOXIDANTS, metabolism/ BLOOD COAGULATION/ CORONARY DISEASE, metabolism/ CYSTIC FIBROSIS, metabolism/ DIET/ DIETARY FATS, metabolism/ ERYTHROCYTES, metabolism/ FATTY ACIDS, UNSATURATED, metabolism/ HEMOGLOBINS, metabolism/ HUMAN/ INFANT, NEWBORN/ INFANT, PREMATURE/ LIPOPROTEINS, metabolism/ LYMPH, metabolism/ MALABSORPTION SYNDROMES, metabolism/ PROTEIN-CALORIE MALNUTRITION,

metabolism/ PROTEINS, biosynthesis/ RETROLENTAL FIBROPLASIA, metabolism/ REVIEW/ SPRUE, metabolism/ VITAMIN E DEFICIENCY, metabolism/ VITAMIN E DEFICIENCY, therapy/ *VITAMIN E, metabolism/ VITAMIN E, therapeutic use

833. **Bieri JG, Evarts RP, Thorp S:** Factors affecting the exchange of tocopherol between red blood cells and plasma. Am J Clin Nutr 30(5):686–90, May 77
ANIMAL/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, metabolism/ HEMATOCRIT/ HEPARIN, pharmacodynamics/ HYPERLIPEMIA, blood/ LIPIDS, blood/ MALE/ *PLASMA, metabolism/ RATS/ VITAMIN E DEFICIENCY, blood/ *VITAMIN E, blood

834. **Biersack HJ, Thelen M, Hünermann B, et al:** Bedeutung der Inhalations- und Perfusionsszintigraphie für die Diagnose der Lungenembolie Roentgenblaetter 29(9):439–44, Sep 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ ANGIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PERFUSION/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ *RADIONUCLIDE IMAGING, methods/ XENON RADIOISOTOPES

835. **Bigar F, Bosshard CT:** Kombinierte A- und B-Bild-Echographie des Bulbus
Klin Monatsbl Augenheilkd 170(1):24–32, Jan 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ *EYE DISEASES, diagnosis/ EYE FOREIGN BODIES, diagnosis/ EYE NEOPLASMS, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ MELANOMA, diagnosis/ RETINAL DETACHMENT, diagnosis/ *ULTRASONICS, diagnostic use/ ULTRASONICS, methods

836. **Biggers JA, Remmers AR Jr, Glassford DM, et al:** The risk of anticoagulation in hemodialysis patients. Nephron 18(2):109–13, 1977
*BLOOD COAGULATION/ *HEMODIALYSIS/ HEMORRHAGE, etiology/ HEPARIN, physiology/ HUMAN/ KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, physiopathology/ KIDNEY FAILURE, CHRONIC, therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, therapeutic use

837. **Biggs JC, Hugh TB, Dodds AJ:** Tranexamic acid and upper gastrointestinal haemorrhage--a double-blind trial. Gut 17(9):729–34, Sep 76
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ CLINICAL RESEARCH/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ ESOPHAGEAL VARICES, drug therapy/ ESOPHAGITIS, complications/ FEMALE/ *HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ MALE/ MIDDLE AGE/ PEPTIC ULCER HEMORRHAGE, drug therapy/ PLACEBOS/ *TRANEXAMIC ACID, therapeutic use

838. **Biggs R:** Surgery of hemophiliacs--20 years' experience. Invited commentary. World J Surg 1(1):67–8, Jan 77
FACTOR IX/ FACTOR VIII/ *HEMOPHILIA, complications/ HUMAN/ *SURGERY, OPERATIVE

839. **Biggs R:** Haemophilia treatment in the United Kingdom from 1969 to 1974. Br J Haematol 35(4):487–504, Apr 77
ADOLESCENCE/ ADULT/ AGED/ ANTIBODIES, analysis/ CHILD/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE, mortality/ CHRISTMAS DISEASE, occurrence/ *CHRISTMAS DISEASE, therapy/ COMPARATIVE STUDY/ FACTOR IX, immunology/ *FACTOR IX, therapeutic use/ FACTOR VIII, immunology/ FACTOR VIII, supply & distribution/ *FACTOR VIII, therapeutic use/ GREAT BRITAIN/ HEMOPHILIA, mortality/ HEMOPHILIA, occurrence/ *HEMOPHILIA, therapy/ HEPATITIS, VIRAL, HUMAN, complications/ HOME CARE SERVICES/ HUMAN/ INFANT/ INFANT, NEWBORN/ JAUNDICE, complications/ MALE/ MIDDLE AGE

840. **Biggs R, Spooner RJ:** Haemophilia Centre Director's annual statistics for 1975 [letter] Br J Haematol 36(3):447–9, Jul 77
FACTOR VIII, therapeutic use/ GREAT BRITAIN/ HEMOPHILIA, complications/ HEMOPHILIA, drug therapy/ *HEMOPHILIA, occurrence/ HUMAN/ JAUNDICE, complications

841. **Bighley LD, Spivey RJ:** Chelates of dicumarol I: Preparation and structure identification of magnesium chelate. J Pharm Sci 66(8):1124–7, Aug 77
*BISHYDROXYCOUMARIN, chemical synthesis/ CARBON, analysis/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ DENSITOMETRY/ DIFFERENTIAL THERMAL ANALYSIS/ HYDROGEN, analysis/ *MAGNESIUM/ NUCLEAR MAGNETIC RESONANCE/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ SPECTROPHOTOMETRY, INFRARED

842. **Bignon J, Laval AM, Sapin C, et al:** Use of the immunoperoxidase method for ultrastructural localization of plasma proteins in normal rat lung tissue. pp. 465–77.

In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.
ANIMAL/ *BLOOD PROTEINS, analysis/ FIBRINOGEN, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOENZYME TECHNICS/ IMMUNOGLOBULINS, FAB/ *LUNG, analysis/ LUNG, ultrastructure/ MALE/ MONOGRAPH/ PULMONARY ALVEOLI, analysis/ RATS/ SERUM ALBUMIN, analysis

843. **Bikbaeva AI, Alekseev UA, Valiev FG:** Lechenie khimicheskikh ozhogov pishchevoda
Vestn Otorinolaringol (5):86–91, Sep-Oct 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ *BURNS, CHEMICAL, drug therapy/ CHILD/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ *ESOPHAGUS, injuries/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ PROCAINE, therapeutic use

844. **Bikbaeva AI, Ibragimov RM:** K patogenezu i klinike vtorichnykh nosovykh krovotechenii
Vestn Otorinolaringol (4):45–8, Jul-Aug 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ *EPISTAXIS/ EPISTAXIS, diagnosis/ EPISTAXIS, etiology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOPENIA, complications

845. **Bilaĭ TI:** Fermentatyvni vlastyvosti termofil'nykh hrybiv
Mikrobiol Zh 39(2):243–8, Mar-Apr 77 (72 ref.) **(Ukr)**
AMYLASE, metabolism/ CELLULASE, metabolism/ COMPARATIVE STUDY/ *FUNGI, enzymology/ HEAT/ LIPASE, metabolism/ PEPTIDE HYDROLASES, metabolism/ PHOSPHODIESTERASES, metabolism/ REVIEW/ SPECIES SPECIFICITY

846. **Bilde T, Dahlager JI, Asnaes S, et al:** The effect of chlorpromazine and heparin pretreatment on kidney viability and function after warm ischaemic damage. Scand J Urol Nephrol 11(2):173–7, 1977
ANIMAL/ *CHLORPROMAZINE, pharmacodynamics/ CREATININE, blood/ FEMALE/ *HEPARIN, pharmacodynamics/ *ISCHEMIA, physiopathology/ *KIDNEY, blood supply/ KIDNEY, drug effects/ KIDNEY, physiopathology/ NEPHRECTOMY/ RABBITS/ RENAL ARTERY, surgery

847. **Bilezikian SB, Nossel HL:** Dx and treatment of abnormal bleeding due to disorders of hemostasis. Med Times 104(10):177–97, Oct 76
*HEMORRHAGIC DIATHESIS/ HEMORRHAGIC DIATHESIS, diagnosis/ HEMORRHAGIC DIATHESIS, therapy/ HEMOSTASIS/ HUMAN/ INFANT, NEWBORN

848. **Bilezikian SB, Nossel HL:** Unique pattern of fibrinogen

cleavage by human leukocyte proteases. Blood 50(1):21–8, Jul 77
BLOOD COAGULATION TESTS/ CELL EXTRACTS, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ *FIBRINOGEN, analysis/ FIBRINOPEPTIDES A, analysis/ FIBRINOPEPTIDES B, analysis/ HUMAN/ *LEUKOCYTES/ LEUKOCYTES, enzymology/ *PEPTIDE HYDROLASES, pharmacodynamics/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

849. **Biliak ST:** Pokazateli svertyvaiushcheĭ i fibrinoliticheskoĭ sistem krovi pri obturatsionnoĭ ostroĭ pochechnoĭ nedostatochnosti Vrach Delo (3):53–4, Mar 77 **(Rus)**
ANIMAL/ *BLOOD COAGULATION/ DOGS/ *FIBRINOLYSIS/ *KIDNEY FAILURE, ACUTE, blood/ KIDNEY FAILURE, ACUTE, etiology

850. **Bilkin AI:** Trombozy u deteĭ Vestn Khir 116(1):88–90, Jan 76 **(Rus)**
ASPHYXIA NEONATORUM, blood/ ASPHYXIA NEONATORUM, complications/ CASE REPORT/ CHILD/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *LEG, blood supply/ NICOTINIC ACIDS, therapeutic use/ PNEUMONIA, blood/ PNEUMONIA, complications/ *THROMBOSIS/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology

851. **Bills TK, Smith JB, Silver MJ:** Selective release of archidonic acid from the phospholipids of human platelets in response to thrombin. J Clin Invest 60(1):1–6, Jul 77
*ARACHIDONIC ACIDS, metabolism/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ FATTY ACIDS, NONESTERIFIED, metabolism/ HUMAN/ LIPIDS, biosynthesis/ PHOSPHATIDYLCHOLINES, metabolism/ PHOSPHATIDYLETHANOLAMINES, metabolism/ PHOSPHATIDYLINOSITOLS, metabolism/ PHOSPHATIDYLSERINES, metabolism/ PHOSPHOLIPASE, blood/ *PHOSPHOLIPIDS, metabolism/ *THROMBIN, pharmacodynamics/ TRIGLYCERIDES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

852. **Binet JP, Langlois J, Planché C, et al:** La place du traitement chirurgical de l'embolie pulmonaire aiguë massive (E.P.M.). Rev Prat 27(31):2041–7, 1 Jun 77 **(Fre)**
ACUTE DISEASE/ ADULT/ AGED/ ASSISTED CIRCULATION/ EXTRACORPOREAL CIRCULATION/ FRANCE/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, mortality/ *PULMONARY EMBOLISM, surgery

853. **Biniecki S, Bulacinski A:** Synteza 1–hydroksy–4–(chinuklidyno–2–karboksy)–2–metylonafta Acta Pol Pharm 34(1):121–3, 1977 **(Pol)**
CHEMISTRY/ HEMOSTATICS/ *NAPHTHALENES, chemical synthesis/ *QUINUCLIDINES, chemical synthesis

854. **Birckbichler PJ, Orr GR, Conway E, et al:** Transglutaminase activity in normal and transformed cells. Cancer Res 37(5):1340–4, May 77
CELL DIVISION/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ *GLUTAMYL TRANSPEPTIDASE, metabolism/ PUTRESCINE, metabolism/ TRYPSIN

855. **Bird DR, Vowles KD:** Liver damage from long-term methyltestosterone [letter] Lancet 2(8034):400–1, 20 Aug 77
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *LIVER DISEASES, chemically induced/ *METHYLTESTOSTERONE, adverse effects/ METHYLTESTOSTERONE, therapeutic use/ *PURPURA, chemically induced/ TRANSSEXUALISM, drug therapy

856. **Birk Y:** Proteinase inhibitors from potatoes. Methods Enzymol 45:728–39, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOXYPEPTIDASES, antagonists & inhibitors/ CHYMOTRYPSIN, antagonists & inhibitors/ ENZYME INHIBITORS, isolation & purification/ MACROMOLECULAR SYSTEMS/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ *PLANTS, analysis

857. **Birk Y:** Proteinase inhibitors from plant sources. Methods Enzymol 45:695–7, 1976
ENZYME INHIBITORS, analysis/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES/ PEPTIDES, pharmacodynamics/ *PLANTS, analysis/ SEEDS, analysis

858. **Birk Y:** Proteinase inhibitors from legume seeds. Methods Enzymol 45:697–700, 1976
AMINO ACID SEQUENCE/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES/ PEPTIDES, pharmacodynamics/ *SEEDS, analysis/ SPECIES SPECIFICITY/ TRYPSIN INHIBITORS, pharmacodynamics

859. **Birk Y:** Trypsin isoinhibitors from garden beans (Phaseolus vulgaris). Methods Enzymol 45:710–6, 1976
AMINO ACIDS, analysis/ BINDING SITES/ METHODS/ MOLECULAR WEIGHT/ *PLANTS, analysis/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, isolation & purification/ TRYPSIN INHIBITORS, pharmacodynamics

860. **Birk Y:** Proteinase inhibitors from cereal grains. Methods Enzymol 45:723–8, 1976
AMINO ACIDS, analysis/ ASPERGILLUS ORYZAE, enzymology/ DRUG STABILITY/ ENZYME INHIBITORS, isolation & purification/ GRAIN, analysis/ METHODS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ *PLANTS, analysis/ SPECIES SPECIFICITY/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, isolation & purification/ TRYPSIN INHIBITORS, pharmacodynamics

861. **Birk Y:** A trypsin and chymotrypsin inhibitor from groundnuts (Arachis hypogaea). Methods Enzymol 45:716–22, 1976
AMINO ACIDS, analysis/ *CHYMOTRYPSIN, antagonists & inhibitors/ DRUG STABILITY/ METHODS/ MOLECULAR WEIGHT/ PEANUTS/ *PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PLANTS, analysis/ POTENTIOMETRY/ SPECTROPHOTOMETRY/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, analysis/ TRYPSIN INHIBITORS, isolation & purification

862. **Birk Y:** Trypsin and chymotrypsin inhibitors from soybeans. Methods Enzymol 45:700–7, 1976
AMINO ACID SEQUENCE/ CHYMOTRYPSIN, antagonists & inhibitors/ DISULFIDES/ KINETICS/ MUTATION/ PROTEIN CONFORMATION/ *SEEDS, analysis/ SOY BEANS/ *TRYPSIN INHIBITOR, BOWMAN-BIRK SOYBEAN/ TRYPSIN INHIBITOR, BOWMAN-BIRK SOYBEAN, pharmacodynamics/ *TRYPSIN INHIBITOR, KUNITZ SOYBEAN/ TRYPSIN INHIBITOR, KUNITZ SOYBEAN, pharmacodynamics/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, pharmacodynamics

863. **Birk Y:** Lima bean trypsin inhibitors. Methods Enzymol 45:707–9, 1976
AMINO ACID SEQUENCE/ BINDING SITES/ MOLECULAR WEIGHT/ *SEEDS, analysis/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, pharmacodynamics/ VARIATION (GENETICS)

864. **Birkeland SA:** The influence of different freezing procedures and different cryoprotective agents on the immunological capacity of frozen-stored lymphocytes. Cryobiology 13(4):442–7, Aug 76
*BLOOD PRESERVATION/ CONCANAVALIN A, pharmacodynamics/ *CRYOPROTECTIVE AGENTS, pharmacodynamics/ DIMETHYL SULFOXIDE, pharmacodynamics/ *FREEZING/ GLYCERIN, pharmacodynamics/ HUMAN/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES,

immunology/ MITOGENS, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics

865. **Birkeland SA:** The immunological capacity of peripheral lymphocytes in a blast-transformation system using frozen-stored cells. Cryobiology 13(4):433-41, Aug 76
BLOOD PRESERVATION/ CONCANAVALIN A, pharmacodynamics/ *FREEZING/ HUMAN/ *LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, immunology/ MITOGENS, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ THYMIDINE, pharmacodynamics

866. **Birktoft JJ, Kraut J, Freer ST:** A detailed structural comparison between the charge relay system in chymotrypsinogen and in alpha-chymotrypsin. Biochemistry 15(20):4481-5, 5 Oct 76
*CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ *CHYMOTRYPSINOGEN/ CHYMOTRYPSINOGEN, metabolism/ COMPARATIVE STUDY/ FOURIER ANALYSIS/ MOLECULAR MODELS/ PROTEIN CONFORMATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ X-RAY DIFFRACTION

867. **Birnbaum ER, Abbott F, Gomez JE, et al:** The calcium ion binding site in bovine chymotrypsin A. Arch Biochem Biophys 179(2):469-76, Mar 77
BINDING SITES/ *CALCIUM/ CALCIUM, pharmacodynamics/ CATTLE/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ GADOLINIUM/ KINETICS/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ NUCLEAR MAGNETIC RESONANCE/ PROFLAVINE/ PROTEIN CONFORMATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

868. **Bis KA, Waxman B:** Rupture of the liver associated with pregnancy: a review of the literature and report of 2 cases. Obstet Gynecol Surv 31(11):763-73, Nov 76 (97 ref.)
ADULT/ CASE REPORT/ ECLAMPSIA, complications/ FEMALE/ HEMATOMA, complications/ HUMAN/ *LIVER DISEASES/ LIVER DISEASES, diagnosis/ LIVER DISEASES, pathology/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, pathology/ PREGNANCY COMPLICATIONS, diagnosis/ PREGNANCY/ PROGNOSIS/ REVIEW/ RUPTURE, SPONTANEOUS

869. **Bisaria VS, Kinoshita S, Okada H:** Purification & properties of a cyclic amide hydrolyzing enzyme Indian J Biochem Biophys 13(2):113-6, Jun 76
*ACHROMOBACTERIACEAE, enzymology/ *GRAM-NEGATIVE AEROBIC BACTERIA, enzymology/ HYDROLYSIS/ *PEPTIDE HYDROLASES, isolation & purification/ 6-AMINOCAPROIC ACID, analogs & derivatives

870. **Bischoff W, Gospos C:** Prostata- und Harnblasenteilnekrose unter Cumarintherapie Urologe [A] 15(6):295-6, Nov 76 (Eng. Abstr.) **(Ger)**
ANURIA, etiology/ AORTOCORONARY BYPASS/ *BLADDER DISEASES, chemically induced/ BLOOD COAGULATION DISORDERS, prevention & control/ CAPILLARIES, drug effects/ CAPILLARY PERMEABILITY, drug effects/ CASE REPORT/ *COUMARINS, adverse effects/ CYSTITIS, etiology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ *NECROSIS, chemically induced/ POSTOPERATIVE CARE/ *PROSTATIC DISEASES, chemically induced/ THROMBOSIS, chemically induced

871. **Bischoff W, Goerttler U:** Aktuelle Aspekte der renalen Gefässembolisation. Dtsch Med Wochenschr 102(24):901-6, 17 Jun 77 (60 ref.) **(Ger)**
BLOOD PRESSURE/ CONTRAST MEDIA/ *EMBOLIZATION, THERAPEUTIC/ EMBOLIZATION, THERAPEUTIC, adverse effects/ EMBOLIZATION, THERAPEUTIC, methods/ FEVER, etiology/ GELATIN/ HUMAN/ INFECTION, etiology/ KIDNEY NEOPLASMS, surgery/ KIDNEY, injuries/ METALS/ MUSCLES/ POLYMERS/ *RENAL ARTERY/ REVIEW/ THROMBOSIS, therapy

872. **Bisschop A, Konings WN:** Reconstitution of reduced nicotinamide adenine dinucleotide oxidase activity with menadione in membrane vesicles from the menaquinone-deficient Bacillus subtilis aro D. Relation between electron transfer and active transport. Eur J Biochem 67(2):357-65, 16 Aug 76
BACILLUS SUBTILIS, drug effects/ *BACILLUS SUBTILIS, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ ELECTRON TRANSPORT/ GLUTAMATES, metabolism/ KINETICS/ *NADH, NADPH OXIDOREDUCTASES, metabolism/ OXYGEN CONSUMPTION/ *QUINONES, deficiency/ SERINE, metabolism/ *VITAMIN K, pharmacodynamics

873. **Bissell MJ, Farson D, Tung AS:** Cell shape and hexose transport in normal and virus-transformed cells in culture. J Supramol Struct 6(1):1-12, 1977
BIOLOGICAL TRANSPORT/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ CHICK EMBRYO/ DEOXYGLUCOSE, metabolism/ FIBROBLASTS, drug effects/ *FIBROBLASTS, metabolism/ FIBROBLASTS, ultrastructure/ *GLUCOSE, metabolism/ METHYLCELLULOSE/ METHYLGLUCOSIDES, metabolism/ MICROSCOPY, ELECTRON, SCANNING/ ROUS SARCOMA VIRUS/ THYMIDINE, metabolism/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

874. **Bissell SM:** Pulmonary thromboembolism associated with gynecologic surgery and pregnancy. Am J Obstet Gynecol 128(4):418-23, 15 Jun 77
ANTICOAGULANTS, therapeutic use/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ *GYNECOLOGIC DISEASES, surgery/ HUMAN/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, prevention & control/ PREGNANCY/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, complications

875. **Biswas A:** Body fluid and hematological changes in a poikilothermic animal on cold exposure: some physical changes. Biorheology 13(6):385-7, Dec 76
ANIMAL/ *BLOOD CELLS, physiology/ *BLOOD VISCOSITY/ BODY TEMPERATURE REGULATION/ *BUFO, physiology/ COLD/ ENVIRONMENTAL EXPOSURE/ MALE/ *RHEOLOGY

876. **Biswas GD, Sox T, Blackman E, et al:** Factors affecting genetic transformation of Neisseria gonorrhoeae. J Bacteriol 129(2):983-92, Feb 77
CATIONS, DIVALENT/ CATIONS, MONOVALENT/ CELL WALL, ultrastructure/ CHLORAMPHENICOL, pharmacodynamics/ *DNA, BACTERIAL/ DNA, BACTERIAL, metabolism/ HYDROGEN-ION CONCENTRATION/ MUTATION/ *NEISSERIA GONORRHOEAE/ NEISSERIA GONORRHOEAE, growth & development/ NEISSERIA GONORRHOEAE, metabolism/ NEISSERIA GONORRHOEAE, ultrastructure/ *TRANSFORMATION, GENETIC/ TRANSFORMATION, GENETIC, drug effects/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

877. **Bitter-Suermann D, Burger R, Brade V, et al:** Mouse factor B of the alternative pathway of complement activation. I. Purification, characterization, and functional behavior. J Immunol 117(5 Pt.2):1799-804, Nov 76
ANIMAL/ BLOOD PROTEINS, analysis/ *BLOOD PROTEINS, isolation & purification/ CHROMATOGRAPHY, GEL/ COMPLEMENT 3, metabolism/ *COMPLEMENT, metabolism/ GOATS/ GUINEA PIGS/ IMMUNE SERUMS, isolation & purification/ MICE/ MICE, INBRED CBA/ MOLECULAR WEIGHT/ TRYPSIN, pharmacodynamics

878. **Bizzi B, Leone G, Accorrà F:** Pretreatment with heparin in thrombolytic therapy with Urokinase. Heparin–urokinase therapy. Haemostasis 5(3):147–54, 1976
BLOOD COAGULATION/ DRUG ADMINISTRATION SCHEDULE/ FIBRINOLYSIS/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ *PEPTIDE PEPTIDOHYDROLASES, administration & dosage/ *THROMBOEMBOLISM, drug therapy/ TIME FACTORS/ *UROKINASE, administration & dosage/ UROKINASE, therapeutic use

879. **Bjelle A, Osterlin S:** Cathepsin D activity in bovine articular cartilage, synovial membrane and fluid: degradation of cartilage proteoglycans from same joint. J Rheumatol 3(4):400–8, Dec 76
ANIMAL/ *CARTILAGE, ARTICULAR, enzymology/ CARTILAGE, ARTICULAR, metabolism/ *CATHEPSIN, metabolism/ CATTLE/ CHROMATOGRAPHY, GEL/ DEPRESSION, CHEMICAL/ FEMALE/ HYDROGEN-ION CONCENTRATION/ KNEE JOINT, enzymology/ KNEE JOINT, metabolism/ PEPSTATINS, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ *PROTEOGLYCANS, metabolism/ *SYNOVIAL FLUID, enzymology/ *SYNOVIAL MEMBRANE, enzymology

880. **Bjordal RI:** Dilaterte leggperforanters hemodynamiske rolle ved venøs dysfunksjon i underekstremitetene. Tidsskr Nor Laegeforen 97(17–18):897–901, 20 Jun 77 **(Nor)** (Eng. Abstr.)
DILATATION, PATHOLOGIC/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, etiology/ *LEG, blood supply/ MALE/ MIDDLE AGE/ REGIONAL BLOOD FLOW/ THIGH, blood supply/ *THROMBOPHLEBITIS, physiopathology/ *VARICOSE VEINS, physiopathology/ *VEINS, physiopathology

881. **Björk I, Nordenman B:** Acceleration of the reaction between thrombin and antithrombin III by non-stoichiometric amounts of heparin. Eur J Biochem 68(2):507–11, 15 Sep 76
*ANTITHROMBINS/ ANTITHROMBINS, isolation & purification/ ANTITHROMBINS, metabolism/ CHROMATOGRAPHY, AFFINITY/ *HEPARIN/ HEPARIN, pharmacodynamics/ HUMAN/ KINETICS/ MACROMOLECULAR SYSTEMS/ PROTEIN BINDING/ *THROMBIN/ THROMBIN, metabolism

882. **Björk VO, Henze A, Hindmarsh T:** Radiopaque marker in the tilting disc of the Björk–Shiley heart valve. Evaluation of in vivo prosthetic valve function by cineradiography. J Thorac Cardiovasc Surg 73(4):563–9, Apr 77
AORTIC VALVE, radiography/ *CINERADIOGRAPHY, instrumentation/ EVALUATION STUDIES/ *FLUOROSCOPY, instrumentation/ *HEART SURGERY, instrumentation/ *HEART VALVE PROSTHESIS, standards/ *HEART VALVES, radiography/ HUMAN/ METHODS/ MITRAL VALVE, radiography/ THROMBOSIS, radiography/ TRICUSPID VALVE, radiography

883. **Björkholm M, Aschberg S:** Hemodynamic influence of multiple congenital arteriovenous fistulas. Report of a case. Acta Med Scand 200(4):333–5, 1976
ADOLESCENCE/ ANGIOGRAPHY/ ARM, abnormalities/ *ARTERIOVENOUS MALFORMATIONS, physiopathology/ CASE REPORT/ FEMALE/ HEMANGIOMA, congenital/ *HEMODYNAMICS/ HUMAN/ SHOULDER/ THORACIC ARTERIES, radiography/ VARICOSE VEINS

884. **Bjorklid E, Storm-Mathisen J, Storm E, et al:** Localization of tissue thromboplastin in the human brain. Thromb Haemostas 37(1):91–7, 28 Feb 77
ANIMAL/ *BRAIN CHEMISTRY/ CEREBELLUM, analysis/ GLOBUS PALLIDUS, analysis/ GOATS, immunology/ HIPPOCAMPUS, analysis/ HUMAN/ HYPOTHALAMUS, analysis/ IMMUNE SERUMS/ LUNG, analysis/ MEDULLA OBLONGATA, analysis/ OLFACTORY BULB, analysis/ OLFACTORY PATHWAYS/ PINEAL BODY, analysis/ RABBITS, immunology/ RED NUCLEUS, analysis/ SUBSTANTIA NIGRA, analysis/ *THROMBOPLASTIN, analysis/ THYROID GLAND, analysis

885. **Bjorklid E, Storm E:** Purification and some properties of the protein component of tissue thromboplastin from human brain. Biochem J 165(1):89–96, 1 Jul 77
AMINO ACIDS, analysis/ APOPROTEINS, isolation & purification/ *BRAIN CHEMISTRY/ CARBOHYDRATES, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ PHOSPHOLIPIDS, isolation & purification/ *THROMBOPLASTIN/ THROMBOPLASTIN, isolation & purification/ THROMBOPLASTIN, physiology

886. **Björklind A, Arvidson S:** Occurrence of an extracellular serineproteinase among Staphylococcus aureus strains. Acta Pathol Microbiol Scand [B] 85(4):277–80, Aug 77
PEPTIDE PEPTIDOHYDROLASES, biosynthesis/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ SERINE/ *STAPHYLOCOCCUS AUREUS, enzymology

887. **Björnson J, Godal HC:** Impaired anticoagulant effect of heparin in the artificial kidney. An experimental study. Scand J Clin Lab Invest 36(6):581–9, Oct 76
ACETATES, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ CALCIUM, pharmacodynamics/ *HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ *KIDNEY, ARTIFICIAL/ MAGNESIUM, pharmacodynamics/ MODELS, BIOLOGICAL/ PROTHROMBIN TIME/ REPTILASE/ TIME FACTORS

888. **Björnson J, Aursnes I:** The haemostatic effect of 51CR-labelled blood platelets. An experimental study in the rabbit. Scand J Haematol 18(4):326–32, Apr 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ BLOOD TRANSFUSION/ CELL SURVIVAL/ CHROMIUM RADIOISOTOPES/ *HEMOSTASIS/ RABBITS/ THROMBOPENIA, therapy/ TIME FACTORS

889. **Bjornsson TD, Blaschke TF, Meffin PJ:** High-pressure liquid chromatographic analysis of drugs in biological fluids I. Warfarin. J Pharm Sci 66(1):142–4, Jan 77
CHROMATOGRAPHY, HIGH SPEED LIQUID/ HUMAN/ MALE/ METHODS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, blood

890. **Black EA:** Re: tranexamic acid and bleeding: a double-blind cross-over study on three brothers with Christmas disease (factor IX deficiency). Thromb Haemostas 35(2):492–4, 30 Apr 76
*CHRISTMAS DISEASE, drug therapy/ CLINICAL RESEARCH/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ HUMAN/ MALE/ *TRANEXAMIC ACID, therapeutic use

891. **Black MM, Hudson PM:** Atrophie blanche lesions closely resembling malignant atrophic papulosis (Degos' disease) in systemic lupus erythematosus. Br J Dermatol 95(6):649–52, Dec 76
ADULT/ ATROPHY/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ *SKIN DISEASES, diagnosis/ SKIN, blood supply/ SYNDROME/ THROMBOSIS, diagnosis

892. **Black WD:** Usefulness of ancillary drugs in mastitis therapy. J Am Vet Med Assoc 170(10 Pt 2):1187–9, 15 May 77
ADRENAL CORTEX HORMONES, administration & dosage/ ADRENAL CORTEX HORMONES, therapeutic use/ ANIMAL/ BENZYDAMINE, therapeutic use/ CATTLE/ DIMETHYL SULFOXIDE, administration & dosage/ DIMETHYL SULFOXIDE, therapeutic use/ DRUG COMBINATIONS/ FEMALE/ *MASTITIS, BOVINE, drug therapy/ MASTITIS, BOVINE, therapy/ PEPTIDE HYDROLASES, therapeutic use/ ULTRASONIC THERAPY, veterinary/ VITAMINS, therapeutic use

893. **Blackshear PJ, Rohde TD, Varco RL, et al:** The effect of continuous heparin infusion for one year on serum

cholesterol and triglyceride concentrations in the dog. Atherosclerosis 26(1):23–7, Jan 77
ANIMAL/ *CHOLESTEROL, blood/ DOGS/ *HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ INFUSIONS, PARENTERAL/ TIME FACTORS/ *TRIGLYCERIDES, blood

894. **Blackstone EH, Kirklin JW, Pluth JR, et al:** The performance of the Braunwald–Cutter aortic prosthetic valve. Ann Thorac Surg 23(4):302–18, Apr 77
ALABAMA/ AORTIC VALVE INSUFFICIENCY, surgery/ AORTIC VALVE STENOSIS, surgery/ *AORTIC VALVE, surgery/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS, standards/ HUMAN/ MINNESOTA/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOEMBOLISM, prevention & control

895. **Blackstone MO, Rogers BH, Baker AL:** A cutaneous and plevic lymphangioma with varices, lymphangiomas and capillary hemangiomas of the rectosigmoid colon Gastrointest Endosc 23(1):39–41, Aug 76
ADOLESCENCE/ BUTTOCKS/ CASE REPORT/ *HEMANGIOMA, complications/ HUMAN/ INTESTINE, LARGE, blood supply/ LEG/ *LYMPHANGIOMA, complications/ MALE/ *NEOPLASMS, MULTIPLE PRIMARY/ PELVIC NEOPLASMS, complications/ PELVIS/ *RECTAL NEOPLASMS, complications/ *SIGMOID NEOPLASMS, complications/ *SKIN NEOPLASMS, complications

896. **Blackwell GJ, Duncombe WG, Flower RJ, et al:** The distribution and metabolism of arachidonic acid in rabbit platelets during aggregation and its modification by drugs. Br J Pharmacol 59(2):353–66, Feb 77
ANIMAL/ *ARACHIDONIC ACIDS, blood/ BLOOD PLATELETS, analysis/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CARBON RADIOISOTOPES, diagnostic use/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ COLLAGEN, pharmacodynamics/ FATTY ACIDS, blood/ HYDROLYSIS/ IN VITRO/ INDOMETHACIN, pharmacodynamics/ LIPIDS, blood/ MALE/ PHOSPHATIDYLCHOLINES, metabolism/ PHOSPHOLIPASE, blood/ PHOSPHOLIPIDS, blood/ PHOSPHORUS, blood/ *PLATELET AGGREGATION, drug effects/ QUINACRINE, pharmacodynamics/ RABBITS/ THROMBIN, pharmacodynamics

897. **Blackwell J, Schodt KP, Gelman RA:** Polysaccharide–polypeptide systems as models for heparin interactions. Fed Proc 36(1):98–101, Jan 77
ANIMAL/ ARGININE/ CATTLE/ CIRCULAR DICHROISM/ *GLYCOSAMINOGLYCANS/ GLYCOSAMINOGLYCANS, metabolism/ HEAT/ *HEPARIN/ HEPARIN, metabolism/ HUMAN/ LASERS/ LYSINE/ MODELS, BIOLOGICAL/ *PEPTIDES/ PEPTIDES, metabolism/ SCATTERING, RADIATION/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

898. **Blad D, Winqvist L, Dallner G:** Electrophoretic mobility of microsomes from rat liver. J Cell Sci 23:285–97, Feb 77
ANIMAL/ EDTA, pharmacodynamics/ ELECTROPHORESIS/ MALE/ *MICROSOMES, LIVER/ MICROSOMES, LIVER, drug effects/ NEURAMINIDASE, pharmacodynamics/ PAPAIN, pharmacodynamics/ PHENOBARBITAL, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ RATS/ RIBOSOMES, physiology/ TRYPSIN, pharmacodynamics

899. **Blahovec J, Bod'a K, Kačmár P:** Distribúcia kyslých a neutrálnych proteináz v niektorých orgánoch a tkanivách kurčiat Vet Med (Praha) 21(9):545–50, Sep 76 **(Slo)**
ANIMAL/ BRAIN, enzymology/ *CHICKENS, metabolism/ DIGESTIVE SYSTEM, enzymology/ KIDNEY, enzymology/ LIVER, enzymology/ LUNG, enzymology/ MYOCARDIUM, enzymology/ PANCREAS, enzymology/ *PEPTIDE HYDROLASES, metabolism

900. **Blaisdell FS, Dodds WJ:** Evaluation of two microhematocrit methods for quantitating plasma fibrinogen. J Am Vet Med Assoc 171(4):340–2, 15 Aug 77
ANIMAL/ CATTLE, blood/ COMPARATIVE STUDY/ DOGS, blood/ *FIBRINOGEN, analysis/ GOATS, blood/ *HEMATOCRIT, methods/ HORSES, blood/ HUMAN/ RABBITS, blood/ SHEEP, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

901. **Blaisdell FW, Lewis FR Jr:** Respiratory distress syndrome of shock and trauma: post–traumatic respiratory failure. Major Probl Clin Surg 21:1–237, 1977
DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ HEMOSTASIS/ HUMAN/ INTUBATION, INTRATRACHEAL/ LUNG, pathology/ NUTRITION/ PARENTERAL FEEDING/ RESPIRATION, ARTIFICIAL/ *RESPIRATORY DISTRESS SYNDROME, ADULT/ RESPIRATORY DISTRESS SYNDROME, ADULT, diagnosis/ RESPIRATORY DISTRESS SYNDROME, ADULT, etiology/ RESPIRATORY DISTRESS SYNDROME, ADULT, pathology/ RESPIRATORY DISTRESS SYNDROME, ADULT, prevention & control/ RESPIRATORY DISTRESS SYNDROME, ADULT, therapy/ SHOCK, complications/ THROMBOEMBOLISM, complications/ WOUNDS AND INJURIES, complications

902. **Blaja C, Popescu A:** Experimental research on endotoxic shock in urology. Eur Urol 1(2):101–2, 1975
ANIMAL/ BACTERIURIA, complications/ BLOOD COAGULATION, drug effects/ BLOOD PRESSURE, drug effects/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ DOGS/ DOSE–RESPONSE RELATIONSHIP, DRUG/ ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI INFECTIONS, physiopathology/ ESCHERICHIA COLI/ FIBRINOLYSIS, drug effects/ *SHOCK, SEPTIC, etiology/ SHOCK, SEPTIC, physiopathology/ URETERAL OBSTRUCTION, physiopathology/ *URINARY TRACT INFECTIONS, complications/ VASOMOTOR SYSTEM, physiopathology

903. **Blake RL, Hall JG, Russell ES:** Mitochondrial proline dehydrogenase deficiency in hyperprolinemic PRO/Re mice: genetic and enzymatic analyses. Biochem Genet 14(9–10):739–57, Oct 76
ALLELES/ AMINO ACID METABOLISM, INBORN ERRORS, enzymology/ *AMINO ACID METABOLISM, INBORN ERRORS, familial & genetic/ AMINO ACID OXIDOREDUCTASES, metabolism/ ANIMAL/ GENES, STRUCTURAL/ HEAT/ KINETICS/ MICE/ MICE, INBRED C57BL/ *MITOCHONDRIA, LIVER, enzymology/ MITOCHONDRIA, LIVER, ultrastructure/ *OXYGENASES, deficiency/ PROLINE, blood/ *PROLINE, metabolism/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K, pharmacodynamics

904. **Blakely J, Prchal JT, Glynn MF, et al:** An in vitro measurement of bleeding time. J Lab Clin Med 89(6):1306–13, Jun 77
ASPIRIN, administration & dosage/ *BLOOD COAGULATION TESTS, instrumentation/ BLOOD COAGULATION TESTS, methods/ BLOOD COAGULATION, drug effects/ CITRATES, administration & dosage/ COMPARATIVE STUDY/ EDTA, administration & dosage/ FACTOR VIII, analysis/ HEPARIN, administration & dosage/ HUMAN/ THROMBOPENIA, blood/ TIME FACTORS/ VON WILLEBRAND'S DISEASE, blood

905. **Blakey PR, Groom MJ, Turner RL:** The conformation of fibrinogen and fibrin: an electron microscopy study. Br J Haematol 35(3):437–40, Mar 77
COMPARATIVE STUDY/ *FIBRIN/ *FIBRINOGEN/ HUMAN/ *MICROSCOPY, ELECTRON, methods/ PROTEIN CONFORMATION

906. **Blasini R, Haas–Denk S, Krieglsteiner P, et al:** Erfassung gewebeständiger Inhibitoren gegen Plasmin and ihre Beeinflussung durch Betamethason und Ambroxol. Med Welt 28(35):1392–4, 2 Sep 77 **(Ger)**
*AMBROXOL, pharmacodynamics/ ANIMAL/ *BETAMETHASONE, pharmacodynamics/

*BROMHEXINE, analogs & derivatives/ FEMALE/ *FIBRINOLYSIN, antagonists & inhibitors/ LUNG, drug effects/ PREGNANCY/ RATS

907. **Blass JP, Cederbaum SD, Kark RA:** Rapid diagnosis of pyruvate and ketoglutarate dehydrogenase deficiencies in platelet-enriched preparations from blood.
Clin Chim Acta 75(1):21-30, 15 Feb 77
ADOLESCENCE/ ADULT/ AGED/ *AMINO ACID METABOLISM, INBORN ERRORS, diagnosis/ *BLOOD PLATELETS, enzymology/ CARBON DIOXIDE, metabolism/ CHILD/ CHILD, PRESCHOOL/ DIET/ FEMALE/ HUMAN/ *KETOGLUTARATE DEHYDROGENASE COMPLEX, deficiency/ *KETONE OXIDOREDUCTASES, deficiency/ MALE/ MIDDLE AGE/ *PYRUVATE DEHYDROGENASE COMPLEX, deficiency/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

908. **Blatt PM, Brinkhous KM, Culp HR, et al:** Antihemophilic factor concentrate therapy in von Willebrand disease. Dissociation of bleeding-time factor and ristocetin-cofactor activities. JAMA 236(24):2770-2, 13 Dec 76
ANTIGENS/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION TESTS/ *FACTOR VIII, therapeutic use/ GLYCINE/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ PRECIPITATION/ *RISTOCETIN, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND FACTOR, deficiency/ *VON WILLEBRAND'S DISEASE, drug therapy

909. **Blatt PM, Yount WJ, Utsinger PD, et al:** Factor XI deficiency, juvenile rheumatoid arthritis and systemic lupus erythematosus. Report of the first case.
Am J Med 63(2):289-97, Aug 77
ADULT/ *ARTHRITIS, JUVENILE RHEUMATOID, complications/ ARTHRITIS, JUVENILE RHEUMATOID, familial & genetic/ ARTHRITIS, JUVENILE RHEUMATOID, immunology/ CASE REPORT/ *FACTOR XI DEFICIENCY, complications/ FACTOR XI DEFICIENCY, familial & genetic/ FACTOR XI DEFICIENCY, immunology/ FEMALE/ HUMAN/ IMMUNITY/ IMMUNITY, CELLULAR/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, familial & genetic/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ PEDIGREE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

910. **Blau N, Shen BA, Pittman DE, et al:** Massive hemopericardium in a patient with postmyocardial infarction syndrome. Chest 71(4):549-52, Apr 77
ADULT/ *ANTICOAGULANTS, adverse effects/ CASE REPORT/ DRAINAGE/ *HEMOPERICARDIUM, chemically induced/ HEMOPERICARDIUM, diagnosis/ HEMOPERICARDIUM, surgery/ HUMAN/ MALE/ *MYOCARDIAL INFARCT, complications/ *PERICARDIAL EFFUSION, chemically induced/ RADIONUCLIDE IMAGING/ SYNDROME

911. **Blauhut B:** Herstellung und Transfusion von Leukozyten- und Thrombozyten-konzentraten mit besonderer Berücksichtigung organisatorischer Probleme Infusionsther Klin Ernaehr 4(2):113-6, Apr 77 (Eng. Abstr.) **(Ger)**
BACTERIAL INFECTIONS, therapy/ BLOOD BANKS/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION/ *CELL SEPARATION/ CELL SEPARATION, instrumentation/ DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ HUMAN/ *LEUKOCYTES/ LEUKOPENIA, therapy/ MYCOSES, therapy/ PREOPERATIVE CARE/ THROMBOPENIA, therapy

912. **Blazek V:** Forensische Anwendungen der spektralen Remissions-analyse menschlicher Haut mit einer beweglichen photometrischen Kugel Z Rechtsmed 79(1):47-62, 21 Jan 77 (Eng. Abstr.) **(Ger)**
AUTOPSY/ CASE REPORT/ COLOR/ ENGLISH ABSTRACT/ FEMALE/ *FORENSIC MEDICINE/ GERMANY, WEST/ HEMATOMA, pathology/ HUMAN/ MIDDLE AGE/ PHOTOGRAPHY/ PHOTOMETRY, methods/ *SKIN, pathology/ *SPECTRUM ANALYSIS, methods

913. **Bleehen SS:** Intra-endothelial tubular aggregates in malignant atrophic papulosis (Degos' disease).
Clin Exp Dermatol 2(1):73-4, Mar 77
ENDOTHELIUM, ultrastructure/ HUMAN/ *SKIN DISEASES, pathology/ SKIN, blood supply/ THROMBOSIS

914. **Blěry M, Bismuth V:** Infarctus pulmonaire aprěs utilisation de cathéter flottant et de cathéter de Swan Ganz Ann Radiol (Paris) 19(7):725-7, Nov 76 (Eng. Abstr.) **(Fre)**
ADULT/ CASE REPORT/ *CATHETERIZATION, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PULMONARY EMBOLISM, etiology

915. **Bleyl H, Krause WH:** Studies on the degradation of fibrinogen Giessen I. Thromb Res 9(4):329-34, Oct 76
*BLOOD COAGULATION DISORDERS, blood/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *FIBRINOGEN, metabolism/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, pharmacodynamics/ FIBRINOLYSIS/ GERMANY, WEST/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis

916. **Blinnichev NM, Gorbunov OM, Kashin MB:** Kavernoznaia gemangioma pecheni Vestn Khir 117(11):132-3, Nov 76 **(Rus)**
CASE REPORT/ FEMALE/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ *LIVER NEOPLASMS/ LIVER NEOPLASMS, diagnosis/ MIDDLE AGE

917. **Bliumkin VN, Ul'ianova LI:** Vliianie geparina na vkliuchenie timidina-3H v kletki perevivaemoĭ linii A-1
Biull Eksp Biol Med 82(9):1119-21, Sep 76 (Eng. Abstr.) **(Rus)**
BIOLOGICAL TRANSPORT, drug effects/ CELL LINE/ CELL MEMBRANE PERMEABILITY, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ *HEPARIN, pharmacodynamics/ MITOSIS/ *THYMIDINE, metabolism

918. **Blobel H, Brückler J, Kitzrow D, et al:** Einige mutmassliche Pathogenitätsfaktoren von Staphylococcus aureus Zentralbl Bakteriol [Orig A] 235(1-3):91-7, Aug 76 (Eng. Abstr.) **(Ger)**
AGGLUTININS, analysis/ ANIMAL/ BACTERIAL PROTEINS, analysis/ CATTLE/ CHEMOTAXIS, LEUKOCYTE, drug effects/ COMPLEMENT 3, metabolism/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ PHAGOCYTOSIS, drug effects/ RABBITS/ STAPHYLOCOCCAL INFECTIONS, immunology/ *STAPHYLOCOCCUS AUREUS, pathogenicity

919. **Blodi FC:** Orbitaler Pseudotumor mit Thrombozytopenie und Myasthenie Klin Monatsbl Augenheilkd 170(3):397-400, Mar 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *FIBROMA, complications/ FIBROMA, pathology/ HUMAN/ *LACRIMAL APPARATUS, pathology/ *MYASTHENIA GRAVIS, complications/ *ORBITAL NEOPLASMS, complications/ ORBITAL NEOPLASMS, pathology/ *THROMBOPENIA, complications

920. **Blombäck M:** 2. Home treatment of hemophilias in Sweden.
Scand J Haematol (31):9-10, 1977
*HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HOME NURSING/ HUMAN/ SWEDEN

921. **Blomgren H, Baral E, Petrini B, et al:** Impaired lymphocyte responses to PPD-tuberculin in advanced breast carcinoma. Increased reactivity after depletion of phagocytic or adherent cells. Clin Oncol 2(4):379-92, Dec 76
ANDROGENS, pharmacodynamics/

ANDROGENS, therapeutic use/ B-LYMPHOCYTES, metabolism/ BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, metabolism/ BREAST NEOPLASMS, radiotherapy/ CELL AGGREGATION/ DNA REPLICATION/ FEMALE/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, metabolism/ LYMPHOCYTES, radiation effects/ PHAGOCYTOSIS/ PLANT AGGLUTININS/ PREDNISONE, pharmacodynamics/ PREDNISONE, therapeutic use/ T-LYMPHOCYTES, metabolism/ TRYPSIN/ *TUBERCULIN

922. **Blomquist CH, Kotts CE, Hakanson EY:** Microsomal 17beta-hydroxysteroid dehydrogenase of guinea pig liver: detergent solubilization and a comparison of kinetic and stability properties of bound and solubilized forms. J Steroid Biochem 8(3):193-8, Mar 77
ANIMAL/ DRUG STABILITY/ GUINEA PIGS/ *HYDROXYSTEROID DEHYDROGENASES/ HYDROXYSTEROID DEHYDROGENASES, metabolism/ KINETICS/ MALE/ MERCAPTOETHANOL, pharmacodynamics/ *MICROSOMES, LIVER, enzymology/ MOLECULAR WEIGHT/ PROTEIN CONFORMATION/ SOLUBILITY/ TRITONS/ TRYPSIN

923. **Blondeau JP, Corpechot C, Robel P:** Protéines de liaison des androgènes dans la prostate: problèmes méthodologiques et régulation Ann Endocrinol (Paris) 37(2):95-6, Mar-Apr 76 (Eng. Abstr.) **(Fre)**
*ANDROGENS, metabolism/ ANIMAL/ BINDING SITES/ *CARRIER PROTEINS, metabolism/ ENGLISH ABSTRACT/ MALE/ *PROSTATE, metabolism/ PROTAMINES, diagnostic use/ PROTEIN BINDING/ RATS

924. **Blondin J, Janoff A:** The role of lysosomal elastase in the digestion of Escherichia coli proteins by human polymorphonuclear leukocytes: experiments with living leukocytes. J Clin Invest 58(4):971-9, Oct 76
ALCOHOL, METHYL/ *BACTERIAL PROTEINS, metabolism/ CHYMOTRYPSIN/ ESCHERICHIA COLI/ *LYSOSOMES, enzymology/ *NEUTROPHILS, enzymology/ *PANCREATOPEPTIDASE, physiology/ PHAGOCYTOSIS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

925. **Bloom AL, Peake IR:** Molecular genetics of factor VIII and its disorders. Semin Hematol 14(3):319-39, Jul 77 (129 ref.)
ANIMAL/ ANTIBODY FORMATION/ ANTIGENS/ FACTOR V DEFICIENCY, complications/ *FACTOR VIII, analysis/ FACTOR VIII, immunology/ FACTOR VIII, isolation & purification/ FEMALE/ *HEMOPHILIA, blood/ HEMOPHILIA, complications/ HEMOPHILIA, familial & genetic/ HUMAN/ MOLECULAR WEIGHT/ PREGNANCY/ RABBITS/ REVIEW/ VARIATION (GENETICS)/ *VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, complications

926. **Bloom S, Zapol WM, Carvalho A:** Clinical experience with extracorporeal membrane oxygenation hematology. pp. 137-40.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.
*BLOOD COAGULATION FACTORS/ *BLOOD PLATELETS/ HEPARIN, therapeutic use/ HUMAN/ MONOGRAPH/ *OXYGENATORS, MEMBRANE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

927. **Blum JJ:** Lysosomal hydrolase secretion by Tetrahymena: a comparison of several intralysosomal enzymes with the isoenzymes released into the medium. J Cell Physiol 89(3):457-72, NOV 76
ACID PHOSPHATASE, secretion/ ANIMAL/ FUCOSIDASE, secretion/ GALACTOSIDASES, secretion/ HEAT/ HEXOSAMINIDASES, secretion/ HYDROGEN-ION CONCENTRATION/ *HYDROLASES, secretion/ *ISOENZYMES, secretion/ *LYSOSOMES, enzymology/ MANNOSIDASES, secretion/ PEPTIDE HYDROLASES, secretion/ *TETRAHYMENA PYRIFORMIS, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

928. **Blumberg S, Tal N:** Effect of divalent metal ions on the digestibility of concanavalin A by endopeptidases. Biochim Biophys Acta 453(2):357-64, 22 Dec 76
*CALCIUM, pharmacodynamics/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ *CONCANAVALIN A/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ *NICKEL, pharmacodynamics/ PROTEIN BINDING/ *THERMOLYSIN/ THERMOLYSIN, metabolism/ *TRYPSIN/ TRYPSIN, metabolism

929. **Blumenberg RM, Gelfand ML:** Long-term follow-up of vena caval clips and umbrellas. Am J Surg 134(2):205-8, Aug 77
FOLLOW-UP STUDIES/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, prevention & control/ *PULMONARY EMBOLISM, surgery/ RECURRENCE/ THROMBOPHLEBITIS, etiology/ *VENA CAVA, INFERIOR, surgery

930. **Boberg J, Boberg M, Gross R, et al:** The effect of treatment with clofibrate on hepatic triglyceride and lipoprotein lipase activities of post heparin plasma in male patients with hyperlipoproteinemia. Atherosclerosis 27(4):499-503, Aug 77
ADULT/ CHOLESTEROL, blood/ CHROMATOGRAPHY, AFFINITY/ *CLOFIBRATE, therapeutic use/ DRUG EVALUATION/ HEPARIN, pharmacodynamics/ HUMAN/ *HYPERLIPEMIA, drug therapy/ HYPERLIPEMIA, enzymology/ HYPERLIPEMIA, metabolism/ *LIPOPROTEIN LIPASE, blood/ *LIVER, metabolism/ MALE/ MIDDLE AGE/ *TRIGLYCERIDES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

931. **Boberg J, Augustin J, Baginsky ML, et al:** Quantitative determination of hepatic and lipoprotein lipase activities from human postheparin plasma. J Lipid Res 18(4):544-7, Jul 77
FEMALE/ HEPARIN/ HUMAN/ *LIPASE, blood/ LIPASE, isolation & purification/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, isolation & purification/ *LIVER, enzymology/ TRIGLYCERIDES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

932. **Bobokhodzhaev MKh, Chernaia FA:** Vysotnaia legochnaia gipertoniia i fibrinoliz Kardiologiia 16(9):46-50, Sep 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *ALTITUDE SICKNESS, blood/ *ANOXIA, blood/ ENGLISH ABSTRACT/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, analysis/ *FIBRINOLYSIS/ HUMAN/ *HYPERTENSION, PULMONARY, blood/ HYPERTENSION, PULMONARY, etiology/ MIDDLE AGE/ PLASMINOGEN, analysis/ RUSSIAN FEDERATION (ASIA)

933. **Boccaccio P, Patrone F, Armani U:** La trombocitemia essenziale. Casistica personale e rassegna della letteratura Recent Prog Med (Roma) 62(2):181-202, Feb 77 (Eng. Abstr.) **(Ita)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOCYTOSIS, diagnosis/ THROMBOCYTOSIS, drug therapy/ URACIL MUSTARD, therapeutic use

934. **Bocci V, Muscettola M, Pacini A, et al:** The effect of leucocytic pyrogen on rabbit fibrinogen. A third view. Thromb Res 9(5):505-12, Nov 76
ANIMAL/ CELL EXTRACTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEVER, chemically induced/ *FIBRINOGEN, biosynthesis/ HEAT/ *LEUKOCYTES/ PROTEIN DENATURATION/ PYROGENS, administration & dosage/ *PYROGENS, pharmacodynamics/ RABBITS/ SODIUM CHLORIDE, administration & dosage

935. **Bochkov VG, Bogomolova EK, Zhdanova LI:** O vozmozhnoĭ matematicheskoĭ modeli normal'noĭ autokoagulogrammy

cheloveka Probl Gematol Pereliv Krovi 21(10):50–4, OCT 76 (Rus)
*BLOOD COAGULATION TESTS/ BRAIN, blood supply/ HUMAN/ ISCHEMIA, blood/ MATHEMATICS/ *MODELS, THEORETICAL

936. **Boda Z, Sipka S, Hajdú L, et al:** 'Autoerythrocyta sensitisatio' (Gardner–Diamond syndroma) Orv Hetil 117(47):2839–42, 21 Nov 76 (Hun)
ADULT/ ANTIBODY FORMATION/ *AUTOANTIBODIES/ CASE REPORT/ CELL MIGRATION INHIBITION/ *ERYTHROCYTES, immunology/ FEMALE/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ SKIN TESTS

937. **Bode J, Willmitzer L, Opatz K:** On the competition between protamines and histones: studies directed towards the understanding of spermiogenesis. Eur J Biochem 72(2):393–403, Jan 77
ANIMAL/ CATTLE/ CELL NUCLEUS, metabolism/ CHROMATIN, metabolism/ *DNA/ DNA, metabolism/ FLUORESCAMINE/ *HISTONES/ HISTONES, physiology/ KINETICS/ MICROCOCCAL NUCLEASE/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ *PROTAMINES/ PROTAMINES, physiology/ PROTEIN BINDING/ SPECTROMETRY, FLUORESCENCE/ *SPERMATOGENESIS/ THYMUS GLAND, metabolism

938. **Bode JC, Dürr HK:** Bestimmung von Chymotrypsin im Stuhl als Suchtest für eine exokrine Pankreasinsuffizienz Dtsch Med Wochenschr 102(5):165–6, 4 Feb 77 (Ger)
CHRONIC DISEASE/ *CHYMOTRYPSIN, analysis/ *FECES, enzymology/ HUMAN/ METHODS/ *PANCREATIC DISEASES, diagnosis

939. **Bode JC, Schmidt U, Dürr HK:** Zur Behandlung der akuten Virushepatitis mit Silymarin. Ergebnisse einer kantrollierten Studie Med Klin 72(12):513–8, 25 Mar 77 (Eng. Abstr.) (Ger)
ADOLESCENCE/ ADULT/ AGED/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ *FLAVONES, therapeutic use/ GERMANY, WEST/ *HEPATITIS, VIRAL, HUMAN, drug therapy/ HEPATITIS, VIRAL, HUMAN, enzymology/ HUMAN/ MALE/ MIDDLE AGE/ PROSPECTIVE STUDIES/ *SILYMARIN, therapeutic use

940. **Bode W, Schwager P, Huber R:** Structural studies on the pancreatic trypsin inhibitor – trypsin complex and its free components: structure and function relationship in serine protease inhibition and catalysis. pp. 43–76.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (22 ref.)
ANIMAL/ BENZAMIDINES/ BINDING SITES/ CHYMOTRYPSIN, metabolism/ HYDROGEN BONDING/ MOLECULAR MODELS/ MONOGRAPH/ *PANCREAS, metabolism/ PROTEIN BINDING/ PROTEIN CONFORMATION/ REVIEW/ STRUCTURE–ACTIVITY RELATIONSHIP/ *TRYPSIN INHIBITORS, physiology/ *TRYPSIN, metabolism

941. **Bode W, Huber R:** Induction of the bovine trypsinogen–trypsin transition by peptides sequentially similar to the N–terminus of trypsin. FEBS Lett 68(2):231–6, 1 Oct 76
CATTLE/ CIRCULAR DICHROISM/ FOURIER ANALYSIS/ HYDROGEN–ION CONCENTRATION/ KINETICS/ PROTEIN CONFORMATION/ STRUCTURE–ACTIVITY RELATIONSHIP/ *TRYPSIN/ TRYPSIN, metabolism/ *TRYPSINOGEN/ TRYPSINOGEN, metabolism/ X–RAY DIFFRACTION

942. **Bode W, Fehlhammer H, Huber R:** Crystal structure of bovine trypsinogen at 1–8 A resolution. I. Data collection, application of patterson search techniques and preliminary structural interpretation. J Mol Biol 106(2):325–35, 15 Sep 76
CRYSTALLIZATION/ FOURIER ANALYSIS/ MATHEMATICS/ PROTEIN CONFORMATION/ *TRYPSINOGEN/ X–RAY DIFFRACTION

943. **Boehme K, Loew D, Artik N:** Planung, Durchführung und biometrische Auswertung einer Langzeitstudie mit Acetylsalicylsäure. Med Welt 28(26):1163–6, 1 Jul 77 (Ger)
AGED/ ARTERIAL OCCLUSIVE DISEASES, surgery/ *ASPIRIN, therapeutic use/ BIOMETRY/ FEMALE/ FOLLOW–UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOSIS, prevention & control

944. **Boekhout–Mussert MJ, Dominicus–Knoop WB, Loeliger EA, et al:** Complicaties bij langdurige anticoagulantia–therapie met coumarine–derivaten Ned Tijdschr Geneeskd 120(46):2015–6, 13 Nov 76 (Dut)
*COUMARINS, adverse effects/ *HEMORRHAGE, chemically induced/ HUMAN/ NETHERLANDS/ STATISTICS

945. **Boer GJ, Nolten JW, Koenders Y, et al:** Enzymic preparation of neurosecretosome– and pituicyte–enriched fractions from the rat neurohypophysis. Brain Res 114(2):257–77, 17 Sep 76
ANIMAL/ AXONS/ CELL FRACTIONATION, methods/ CENTRIFUGATION, DENSITY GRADIENT/ CLOSTRIDIOPEPTIDASE A/ DNA, analysis/ HYALURONIDASE/ LACTATE DEHYDROGENASE, analysis/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ NERVE TISSUE PROTEINS, analysis/ NEUROGLIA/ NEUROSECRETION/ OXYTOCIN, analysis/ PITUITARY GLAND, POSTERIOR, analysis/ *PITUITARY GLAND, POSTERIOR, ultrastructure/ PRONASE/ RATS/ TRYPSIN

946. **Boergen KP, Birngruber R, Gabel VP, et al:** Intravitalmikroskopische Untersuchungen zur selektiven Koagulation kleiner Gefässe mit Argonlaser Ber Dtsch Ophthalmol Ges 74:428–34, 1977 (Ger)
ANIMAL/ ARGON/ *CAPILLARIES, surgery/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ *LASER COAGULATION, standards/ MICROSCOPY/ RATS/ THROMBOSIS, etiology

947. **Boffa GA, Lucien N, Faure A, et al:** Polytetrafluoroethylene–N–vinylpyrrolidone graft copolymers: affinity with plasma proteins.
J Biomed Mater Res 11(3):317–37, May 77
ANIMAL/ *BIOCOMPATIBLE MATERIALS/ BLOOD COAGULATION/ *BLOOD PROTEINS, metabolism/ HUMAN/ IMMUNOGLOBULINS, metabolism/ MICROSCOPY, ELECTRON, SCANNING/ *POLYTETRAFLUOROETHYLENE/ POLYTETRAFLUOROETHYLENE, immunology/ POLYTETRAFLUOROETHYLENE, metabolism/ *POLYVINYLPYRROLIDONE/ POLYVINYLPYRROLIDONE, immunology/ POLYVINYLPYRROLIDONE, metabolism/ PROTEIN BINDING/ RABBITS/ SHEEP

948. **Bogacheva TI, Mirgorodskaia OA, Moskvichev BV:** Nekotorye osobennosti vzaimodeĭstviia tripsina s glutarovym al'degidom v rastvore
Prikl Biokhim Mikrobiol 12(3):428–31, May–Jun 76 (Eng. Abstr.) (Rus)
*ALDEHYDES/ CATALYSIS/ CHEMISTRY/ ENGLISH ABSTRACT/ *GLUTARALDEHYDE/ HYDROGEN–ION CONCENTRATION/ *TRYPSIN

949. **Bogacheva TI, Mirgorodskaia OA, Moskvichev BV:** Nekotorye fiziko–khimicheskie svoĭstva modifitsirovannogo tripsina Biokhimiia 42(4):609–15, Apr 77 (Eng. Abstr.) (Rus)
CHEMISTRY/ ENGLISH ABSTRACT/ GLUTARALDEHYDE/ HUMAN/ HYDROGEN–ION CONCENTRATION/ KINETICS/ PROTEIN BINDING/ SERUM ALBUMIN/ SOY BEANS/ STRUCTURE–ACTIVITY RELATIONSHIP/ TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, pharmacodynamics/ *TRYPSIN, metabolism

950. **Bogdanikowa B, Myśliwiec M, Bielawiec M, et al:** The influence of azathioprine on the behaviour of blood platelets in vitro. Folia Haematol (Leipz) 103(2):248–51, 1976
*AZATHIOPRINE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ CELL MEMBRANE, drug effects/ HUMAN/ IN VITRO/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects

951. **Bogdanikowa B, Hryszko S, Myśliwiec M:** Wpływ leczenia immunosupresyjnego na układ krzepnięcia i fibrynolizy krwi. Wiad Lek 30(14):1087–90, 15 Jul 77 (Eng. Abstr.) **(Pol)**
ARTHRITIS, RHEUMATOID, drug therapy/ *AZATHIOPRINE, pharmacodynamics/ AZATHIOPRINE, therapeutic use/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ *FIBRINOLYSIS, drug effects/ HUMAN

952. **Bogdanova LF, Afanas'eva TI, Vlasova IV, et al:** Sravnitel'naia chuvstvitel'nost' k antibiotikam razlichnykh vidov stafilokokkov, vydelennykh ot liudeĭ Antibiotiki 21(11):985–8, Nov 76 (Eng. Abstr.) **(Rus)**
*ANTIBIOTICS, pharmacodynamics/ COAGULASE, metabolism/ COMPARATIVE STUDY/ DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ HUMAN/ SPECIES SPECIFICITY/ STAPHYLOCOCCUS AUREUS, drug effects/ STAPHYLOCOCCUS AUREUS, isolation & purification/ STAPHYLOCOCCUS AUREUS, enzymology/ *STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, enzymology

953. **Bognár M, Léb J, Dénes J:** Mesenteric vascular occlusion in infants and children: report of two cases and review of the literature. Acta Paediatr Acad Sci Hung 17(3):199–206, 1976
CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ ILEUM, blood supply/ INFANT/ INFARCTION, surgery/ INTESTINAL OBSTRUCTION, surgery/ KIDNEY NEOPLASMS, surgery/ *MESENTERIC VASCULAR OCCLUSION, diagnosis/ MESENTERIC VASCULAR OCCLUSION, surgery/ NEPHROBLASTOMA, surgery/ POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, surgery/ THROMBOSIS, surgery

954. **Bogolepov NK, Dubrovskaia MK, Filippov MA:** Narushenie dvigatel'nykh funktsii u bol'nykh v apoplekticheskoĭ kome. Vrach Delo (5):88–94, May 77 **(Rus)**
ADULT/ AGED/ CASE REPORT/ CEREBRAL ANEURYSM, complications/ CEREBRAL ARTERIES/ *CEREBROVASCULAR DISORDERS, physiopathology/ *COMA, etiology/ ELECTROMYOGRAPHY/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MOTOR ACTIVITY/ *MUSCLES, physiopathology/ THROMBOEMBOLISM, complications

955. **Bogoliubov VM, Lyskova MN, Kuz'min VP:** Vliianie geparina na izmenenie myshechnogo krovotoka u bol'nykh obliteriruiushchimi zabolevaniiami sosudov nizhnikh konechnosteĭ Khirurgiia (Mosk) (8):79–82, Aug 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ARTERIOSCLEROSIS OBLITERANS, drug therapy/ *ARTERIOSCLEROSIS OBLITERANS, physiopathology/ ENDARTERITIS, drug therapy/ *ENDARTERITIS, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *MUSCLES, blood supply/ MUSCLES, drug effects/ REGIONAL BLOOD FLOW, drug effects/ XENON RADIOISOTOPES

956. **Bogush LK, Kaminskaia GO, Serebrianaia BA, et al:** Vliianie proteoliticheskoĭ i antiproteoliticheskoĭ sistem krovi na gemokoaguliatsiiu u ftiziokhirurgicheskikh bol'nykh Grudn Khir (1):39–43, Jan–Feb 77 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HUMAN/ *PEPTIDE HYDROLASES, blood/ TUBERCULOSIS, PULMONARY, blood/ *TUBERCULOSIS, PULMONARY, surgery

957. **Bohley P, Kirschke H, Langner J, et al:** Intrazellulärer Proteinabbau. VIII. Einsatz doppeltmarkierter Substrarproteine Acta Biol Med Ger 35(3–4):301–7, 1976 (Eng. Abstr.) **(Ger)**
ANIMAL/ CARBON RADIOISOTOPES/ CYTOSOL, enzymology/ ENGLISH ABSTRACT/ ISOTOPE LABELING/ KINETICS/ *LIVER, enzymology/ MALE/ *PEPTIDE HYDROLASES, metabolism/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBCELLULAR FRACTIONS, enzymology/ TRITIUM

958. **Böhm N, Jacobi H:** Infantile Hämangiomatose der Leber Med Welt 27(40):1887–91, 1 Oct 76 **(Ger)**
ANGIOMATOSIS, pathology/ CASE REPORT/ HEART FAILURE, CONGESTIVE, pathology/ *HEMANGIOMA, pathology/ HUMAN/ INFANT/ KIDNEY NEOPLASMS, pathology/ KIDNEY, pathology/ *LIVER NEOPLASMS, pathology/ LIVER, pathology/ MALE

959. **Böhme H:** Gefässkrankheiten und Lunge. Prax Klin Pneumol 31(5):355–65, May 77 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ ANGIOGRAPHY/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, diagnosis/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis

960. **Böhmig HJ, Polterauer P:** Femoralvenen-Bypass mit einem Vena cephalica-Transplantat Vasa 5(1):54–7, 1976 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ FEMORAL VEIN/ HUMAN/ MALE/ METHODS/ POPLITEAL VEIN, surgery/ SAPHENOUS VEIN, surgery/ *THROMBOPHLEBITIS, surgery/ TRANSPLANTATION, AUTOLOGOUS/ VEINS, transplantation

961. **Bohnert HJ:** Size and structure of mitochondrial DNA from Physarum polycephalum. Exp Cell Res 106(2):426–30, May 77
AMYLASE, metabolism/ DEOXYRIBONUCLEASE, metabolism/ *DNA, CIRCULAR/ DNA, CIRCULAR, analysis/ *DNA, MITOCHONDRIAL/ DNA, MITOCHONDRIAL, analysis/ MICROSCOPY, ELECTRON/ *MYXOMYCETES, analysis/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PHYSARUM, analysis

962. **Boiselle JC, Dournovo P, Marche C:** Angiomyolipome plurifocal du rein révélé par une hémorrhagie grave Sem Hop Paris 52(40):2295–6, 23 Nov 76 **(Fre)**
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMANGIOMA, diagnosis/ HEMATOMA, etiology/ HEMATURIA, etiology/ *HEMORRHAGE, etiology/ HUMAN/ *KIDNEY NEOPLASMS, diagnosis/ *LIPOMA, diagnosis/ MIDDLE AGE/ PROGNOSIS/ RETROPERITONEAL SPACE/ TUBEROUS SCLEROSIS, diagnosis

963. **Boisseau M, Bricaud H, Emeriau JP, et al:** Prothèses valvulaires et anti-vitamines K. Etude biologique chez les sujets faiblement et fortement anticoagulés Arch Mal Coeur 69(2):219–21, Feb 76 (Eng. Abstr.) **(Fre)**
ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, pharmacodynamics/ *AORTIC VALVE/ BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ *HEART VALVE PROSTHESIS/ HEMOLYSIS, drug effects/ PLATELET AGGREGATION, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, antagonists & inhibitors

964. **Boisseau MR, Le Menn R, Bentégeat J:** Mégacaryocytes et plaquettes dans les thrombopathies constitutionnelles Nouv Rev Fr Hematol 16(3):427–6, 1976 (Eng. Abstr.) **(Fre)**
BLOOD PLATELET DISORDERS, blood/ *BLOOD PLATELETS, ultrastructure/ CELL ADHESION/ CELL MEMBRANE, ultrastructure/ CHILD/ CHROMOSOMES, HUMAN, 13–15/ COMPARATIVE STUDY/ CYTOPLASMIC GRANULES/ DOWN'S SYNDROME, blood/ ENGLISH ABSTRACT/ GLYCOGEN,

metabolism/ HEMORRHAGIC DIATHESIS, familial & genetic/ HUMAN/ LEUKEMIA, blood/ LIPIDS, metabolism/ *MEGAKARYOCYTES, ultrastructure/ MICROSCOPY, ELECTRON/ *PURPURA, THROMBOPENIC, familial & genetic/ THALASSEMIA, blood/ VACUOLES/ VON WILLEBRAND'S DISEASE, blood

965. **Boisseau MR, Lorient MF:** Change in electrophoretic mobility associated with the shape change of human blood platelets. Proc R Soc Lond [Biol] 196(1125):471–4, Apr 77
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ ELECTROPHORESIS/ HUMAN/ SIALIC ACIDS, blood

966. **Boissier JR, Godefroy F, Soubrie P, et al:** Platelet uptake of [14C]-5-hydroxytryptamine in 'emotional' and 'non-emotional' rats [proceedings]. Br J Pharmacol 58(3):454P–455P, Nov 76
ANIMAL/ *BLOOD PLATELETS, metabolism/ *EMOTIONS/ IN VITRO/ RATS/ *SEROTONIN, metabolism/ TIME FACTORS

967. **Bojarski Z, Rylek R, Drozd K, et al:** Współistnienie pourazowego krwiaka nadoponowego z wodniakiem podoponowym po tej samej stronie Pol Przegl Chir 49(10):1187–92, Oct 76 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ *DURA MATER/ ENGLISH ABSTRACT/ *HEMATOMA, complications/ HEMATOMA, surgery/ HUMAN/ *HYDROCELE, complications/ HYDROCELE, surgery/ MALE/ MIDDLE AGE

968. **Bokonjic M, Vasiljevic A, Vasiljevic:** Casus pro diagnosi Med Arh 29(2):129–32, Mar–Apr 75 **(Ser)**
ADULT/ CASE REPORT/ *HEMANGIOENDOTHELIOMA, diagnosis/ HUMAN/ MALE/ *SKIN NEOPLASMS, diagnosis

969. **Bokonjic R:** Patofiziološke karakteristike cerebrovaskularne bolesti i principi i medikamentozno--konzervativno liječenje Med Arh 30(2):87–93, Mar–Apr 76 (Eng. Abstr.) **(Ser)**
ASPIRIN, therapeutic use/ BLOOD PRESSURE/ CEREBROVASCULAR DISORDERS, drug therapy/ *CEREBROVASCULAR DISORDERS, physiopathology/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN

970. **Boksovic S, Prcic M, Radnic D, et al:** Promjene normalne fibrinolitičke aktivnosti jetre nakon porto-cavalne anastomoze kod eksperimentalne životinje (prvo saopštenje) Med Arh 31(1):5–10, Jan–Feb 77 (Eng. Abstr.) **(Scr)**
ANIMAL/ DOGS/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ LIVER CIRCULATION/ *LIVER, blood supply/ *PORTACAVAL ANASTOMOSIS/ *POSTOPERATIVE COMPLICATIONS, blood

971. **Boldt DW, Reilly BJ:** Computed tomography of abdominal mass lesions in children. Initial experience. Radiology 124(2):371–8, Aug 77
ADENOMA, radiography/ *ADRENAL GLAND NEOPLASMS, radiography/ CALCINOSIS, radiography/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HEMATOMA, radiography/ HUMAN/ HYDRONEPHROSIS, radiography/ INFANT/ *KIDNEY DISEASES, radiography/ KIDNEY, transplantation/ KIDNEY, CYSTIC, radiography/ KIDNEY, POLYCYSTIC, radiography/ *LIVER DISEASES, radiography/ LIVER NEOPLASMS, radiography/ MALE/ NEPHROBLASTOMA, radiography/ NEUROBLASTOMA, radiography/ SUBPHRENIC ABSCESS, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

972. **Bolin RB, Okumra T, Jaieson GA:** New polymorphism of platelet membrane glycoproteins. Nature 269(5623):69–70, 1 Sep 77
BINDING SITES/ *BLOOD COAGULATION DISORDERS, blood/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, metabolism/ *GLYCOPROTEINS, blood/ HUMAN/ *MEMBRANE PROTEINS, blood/ POLYMORPHISM (GENETICS)/ SURFACE PROPERTIES/ THROMBIN, metabolism

973. **Bollinger A:** Praktisches Vorgehen bei der akuten tiefen Beinvenenthrombose Vasa 5(3):259–60, 1976 (Eng. Abstr.) **(Ger)**
ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, surgery/ THROMBOPHLEBITIS, therapy

974. **Bols NC, Kasinsky HE:** On the diversity of sperm histones in the vertebrates: II. A cytochemical study of the basic protein transitions during spermiogenesis in the cartilaginous fish Hydrolagus colliei. J Exp Zool 198(1):109–13, Oct 76
ANIMAL/ ARGININE, metabolism/ CELL NUCLEUS, metabolism/ *FISHES, metabolism/ FISHES, physiology/ HISTOCYTOCHEMISTRY/ *HISTONES, metabolism/ MALE/ PROTAMINES, metabolism/ *SPERMATOGENESIS

975. **Bols NC, Byrd EW Jr, Kasinsky HE:** On the diversity of sperm histones in the vertebrates. I. Changes in basic proteins during spermiogenesis in the newt Notophthalmus viridescens. Differentiation 7(1):31–8, 2 Nov 76
ANIMAL/ CELL NUCLEUS, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HISTOCYTOCHEMISTRY/ *HISTONES, analysis/ MALE/ *NEWTS, physiology/ *PROTAMINES, analysis/ *SALAMANDERS, physiology/ SPECIES SPECIFICITY/ SPERMATIDS, analysis/ *SPERMATOGENESIS/ *SPERMATOZOA, analysis

976. **Boltro E, Fava C, Caputi E:** L'ematoma polmonare post-traumatico Minerva Med 68(12):761–8, 10 Mar 77 (Eng. Abstr.) **(Ita)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, etiology/ HEMOTHORAX, etiology/ HUMAN/ *LUNG DISEASES, etiology/ MALE/ RIB FRACTURES, complications/ SHOCK, TRAUMATIC, complications/ *THORACIC INJURIES, complications

977. **Boltuch RL, Alfidi RJ:** Selective renal angiography: its value in renal transplantation. Urol Clin North Am 3(3):611–20, Oct 76
ANGIOGRAPHY, instrumentation/ *ANGIOGRAPHY, methods/ BLOOD FLOW VELOCITY/ CADAVER/ GRAFT REJECTION/ HUMAN/ KIDNEY TUBULAR NECROSIS, ACUTE, radiography/ *KIDNEY, transplantation/ *POSTOPERATIVE COMPLICATIONS, radiography/ RENAL ARTERY OBSTRUCTION, radiography/ RENAL ARTERY STENOSIS, radiography/ RENAL ARTERY, radiography/ RENAL VEINS, radiography/ THROMBOSIS, radiography/ TRANSPLANTATION, HOMOLOGOUS

978. **Bonadonna A, Mercante G, Beccari A, et al:** Su di un caso di ostruzione trombotica di ambedue le arterie renali con anuria secondaria Minerva Nefrol 23(3):225–30, May–Jun 76 (Eng. Abstr.) **(Ita)**
AGED/ *ANURIA, etiology/ ARTERIOSCLEROSIS, complications/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MESENTERIC VASCULAR OCCLUSION, complications/ MYOCARDIAL INFARCT, complications/ *RENAL ARTERY OBSTRUCTION, complications/ RENAL ARTERY OBSTRUCTION, etiology/ *THROMBOSIS, complications

979. **Bonadonna G, Rossi A, Valagussa P, et al:** The CMF program for operable breast cancer with positive axillary nodes. Updated analysis on the disease-free interval, site of relapse and drug tolerance. Cancer 39(6 Suppl):2904–15, Jun 77
AMENORRHEA, chemically induced/ *BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, mortality/ BREAST NEOPLASMS, surgery/ CLINICAL RESEARCH/ CYCLOPHOSPHAMIDE, administration & dosage/ CYCLOPHOSPHAMIDE, adverse effects/

*CYCLOPHOSPHAMIDE, therapeutic use/ DRUG THERAPY, COMBINATION, adverse effects/ FEMALE/ FLUOROURACIL, administration & dosage/ FLUOROURACIL, adverse effects/ *FLUOROURACIL, therapeutic use/ HUMAN/ LEUKOPENIA, chemically induced/ LYMPHATIC METASTASIS/ MASTECTOMY/ MENOPAUSE/ METHOTREXATE, administration & dosage/ METHOTREXATE, adverse effects/ *METHOTREXATE, therapeutic use/ MIDDLE AGE/ THROMBOPENIA, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

980. **Bonagura JD:** Feline cardiovascular emergencies. Vet Clin North Am 7(2):385–406, May 77
ANIMAL/ *CARDIOVASCULAR DISEASES, veterinary/ CAT DISEASES, drug therapy/ *CAT DISEASES, therapy/ CATS/ DIGITALIS GLYCOSIDES, therapeutic use/ ELECTROCARDIOGRAPHY, veterinary/ EMERGENCIES/ HEART ARREST, therapy/ HEART ARREST, veterinary/ HEART MASSAGE, veterinary/ HEPARIN, therapeutic use/ INTUBATION, INTRATRACHEAL, veterinary/ OXYGEN INHALATION THERAPY, veterinary/ POSITIVE-PRESSURE RESPIRATION, veterinary/ PULMONARY EDEMA, therapy/ PULMONARY EDEMA, veterinary/ RESUSCITATION/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, veterinary

981. **Bonar RA, Reich CF 3d, Sharief Y:** Canine urinary bladder epithelial cells: preparation for cell culture by enzyme dispersion. Urol Res 5(2):87–94, 20 Jun 77
ANIMAL/ *BLADDER, enzymology/ BLADDER, pathology/ CLOSTRIDIOPEPTIDASE A, metabolism/ DOGS/ EPITHELIAL CELLS, enzymology/ TISSUE CULTURE/ TRYPSIN, metabolism

982. **Bonardi JM, Clerc G, Juif JG:** Hématome de la paroi du colon transverse associé a une pneumatose intestinale. Pediatrie 32(3):261–6, Apr–May 77 (Eng. Abstr.) **(Fre)**
CASE REPORT/ *COLONIC DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, complications/ HUMAN/ INFANT/ *PNEUMATOSIS CYSTOIDES INTESTINALIS, complications

983. **Bondoli A, Marana E, Magalini SI, et al:** Changes in blood viscosity and plasma proteins in myocardial infarction. Resuscitation 5(3):175–81, 1976–77
ADULT/ AGED/ *BLOOD PROTEINS, analysis/ *BLOOD VISCOSITY/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, urine/ OSMOLAR CONCENTRATION

984. **Bone JM, Sherman LA, Valdes AJ, et al:** On the origin of urinary fibrin-fibrinogen-related antigen in glomerulonephritis. J Lab Clin Med 89(5):1043–52, May 77
AMINOCAPROIC ACIDS, pharmacodynamics/ ANTIBODIES, administration & dosage/ *ANTIGENS, urine/ BASEMENT MEMBRANE, immunology/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, immunology/ *FIBRIN, immunology/ *FIBRINOGEN, immunology/ GLOMERULONEPHRITIS, chemically induced/ *GLOMERULONEPHRITIS, urine/ HUMAN/ INFUSIONS, PARENTERAL/ INULIN, diagnostic use/ KIDNEY FUNCTION TESTS/ PROTEINURIA, complications/ RATS/ SODIUM CHLORIDE, administration & dosage/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

985. **Bone RC, Francis PB, Pierce AK:** Intravascular coagulation associated with the adult respiratory distress syndrome. Am J Med 61(5):585–9, Nov 76
ADULT/ BLOOD CELL COUNT/ BLOOD GAS ANALYSIS/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ HUMAN/ LUNG COMPLIANCE/ LUNG, pathology/ MALE/ MIDDLE AGE/ OXYGEN, blood/ RESPIRATORY DISTRESS SYNDROME, ADULT, blood/ *RESPIRATORY DISTRESS SYNDROME, ADULT, complications/ RESPIRATORY DISTRESS SYNDROME, ADULT, pathology

986. **Bone RS, Jay SJ, Reynolds RC, et al:** Massive pulmonary hemorrhage: a rare complication of heparin therapy. Am J Med Sci 272(2):197–9, Sep–Oct 76
ADULT/ CASE REPORT/ *HEMORRHAGE, chemically induced/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ *LUNG DISEASES, chemically induced/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, drug therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

987. **Boneu B, Abbal M, Barret A, et al:** Augmentation du factor Willebrand et états thrombophiliques Pathol Biol (Paris) 24 Suppl:48–53, Dec 76 (35 ref.) (Eng. Abstr.) **(Fre)**
ARTERIOSCLEROSIS OBLITERANS, blood/ ATHEROMA, complications/ *BLOOD COAGULATION FACTORS, physiology/ BLOOD VESSELS, physiopathology/ DIABETIC ANGIOPATHIES, blood/ ENDOTHELIUM, physiopathology/ ENGLISH ABSTRACT/ FACTOR VIII, analysis/ FEMALE/ FETAL DEATH, etiology/ HUMAN/ INFANT, LOW BIRTH WEIGHT/ ISCHEMIA, complications/ MALE/ NECROSIS/ PLACENTA, blood supply/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ PREGNANCY TOXEMIAS, blood/ PREGNANCY/ REVIEW/ *THROMBOEMBOLISM, blood/ THROMBOEMBOLISM, etiology/ UTERUS, blood supply/ VON WILLEBRAND FACTOR, analysis/ *VON WILLEBRAND FACTOR, physiology

988. **Boneu B, Bierme R, Fournie A, et al:** Factor-VIII complex fetal growth retardation, and toxaemia [letter]. Lancet 1(8005):263, 29 Jan 77
ANTIGENS, analysis/ *FACTOR VIII/ FACTOR VIII, analysis/ FACTOR VIII, immunology/ FEMALE/ HUMAN/ PLACENTA DISORDERS, blood/ *PLACENTA DISORDERS, etiology/ *PREGNANCY TOXEMIAS, blood/ PREGNANCY TRIMESTER, SECOND/ PREGNANCY TRIMESTER, THIRD/ PREGNANCY/ VON WILLEBRAND FACTOR, analysis

989. **Boneu B, Corberand J, Plante J, et al:** Evidence that platelet density and volume are not related to aging. Thromb Res 10(3):475–86, Mar 77
*AGING/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, blood/ BLOOD CELL COUNT/ *BLOOD PLATELETS, physiology/ *HEMATOLOGIC DISEASES, blood/ HODGKIN'S DISEASE, blood/ HUMAN/ HYPERTENSION, PORTAL, blood/ LEUKEMIA, blood/ POSTOPERATIVE COMPLICATIONS, blood/ PURPURA, THROMBOPENIC, blood/ SPHEROCYTOSIS, HEREDITARY, blood/ SPLENECTOMY/ THROMBOPENIA, blood

990. **Bonfils-Roberts EA, Stutman L, Nealon TF Jr:** Autologous blood in the treatment of intraoperative hemorrhage. Ann Surg 185(3):321–5, Mar 77
ADULT/ AGED/ AORTIC ANEURYSM, surgery/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BLOOD TRANSFUSION, AUTOLOGOUS/ COLLATERAL CIRCULATION/ CREATININE, blood/ FEMALE/ FIBRINOGEN, analysis/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HEMORRHAGE, mortality/ *HEMOSTASIS, SURGICAL, methods/ HEPARIN, administration & dosage/ HUMAN/ MIDDLE AGE/ PORTACAVAL ANASTOMOSIS/ PREGNANCY/ PREGNANCY, ECTOPIC, surgery/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR DISEASES, surgery/ WOUNDS AND INJURIES, surgery

991. **Bonnar J:** Coagulation disorders. J Clin Pathol [Suppl] (10):35–41, 1976
ABORTION, INDUCED, adverse effects/ ABRUPTIO PLACENTAE, complications/ ANTICOAGULANTS, adverse effects/ BLOOD COAGULATION DISORDERS, drug therapy/

*BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EMBOLISM, AMNIOTIC FLUID, complications/ FACTOR VIII, analysis/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, urine/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ PRE-ECLAMPSIA, blood/ PRE-ECLAMPSIA, complications/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, etiology/ *PREGNANCY

992. **Bonnar J, Haddon M, Hunter DH, et al:** Coagulation system changes in post-menopausal women receiving oestrogen preparations. Postgrad Med J 52 Suppl 6:30–6, 1976
BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION, drug effects/ ESTROGENS, adverse effects/ ESTROGENS, pharmacodynamics/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ *MENOPAUSE/ THROMBOPHLEBITIS, chemically induced

993. **Bonnar J:** Long-term self-administered heparin therapy for prevention and treatment of thromboembolic complications in pregnancy. pp. 247–60.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
DRUG ADMINISTRATION SCHEDULE/ FACTOR VII, analysis/ FACTOR X, analysis/ FEMALE/ FETAL DEATH, chemically induced/ FIBRINOGEN, analysis/ HEPARIN, adverse effects/ HEPARIN, blood/ *HEPARIN, therapeutic use/ HUMAN/ MONOGRAPH/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, prevention & control/ PREGNANCY/ PUERPERAL DISORDERS, drug therapy/ *THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, prevention & control/ WARFARIN, adverse effects

994. **Bonnar J, Redman CW, Denson KW:** The role of coagulation and fibrinolysis in preeclampsia.
Perspect Nephrol Hypertens 5:85–93, 1976
BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD PLATELETS/ DIPYRIDAMOLE, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FACTOR VIII, analysis/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRINOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ *PRE-ECLAMPSIA, blood/ PRE-ECLAMPSIA, complications/ *PREGNANCY TOXEMIAS, blood/ PREGNANCY/ PUERPERIUM

995. **Bonner AG, Laursen RA:** The amino acid sequence of a dimeric myoglobin from the gastropod mollusc, Busycon canaliculatum L. FEBS Lett 73(2):201–3, 1 Feb 77
AMINO ACID SEQUENCE/ ANIMAL/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ MACROMOLECULAR SYSTEMS/ MALEATES/ *MOLLUSCA, analysis/ *MYOGLOBIN/ PEPTIDE FRAGMENTS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

996. **Bonnet M, Habozit F, Magnard G:** Valeur de l'angiographie en infra-rouge au vert d'indocyanine dans le diagnostic clinique des angiomes de la choroïde.
Bull Soc Ophtalmol Fr 76(7–8):713–6, Jul–Aug 76 (Eng. Abstr.) **(Fre)**
ADULT/ *ANGIOGRAPHY, methods/ CASE REPORT/ CHOROID NEOPLASMS, blood supply/ CHOROID NEOPLASMS, pathology/ *CHOROID NEOPLASMS, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HEMANGIOMA, blood supply/ HEMANGIOMA, pathology/ *HEMANGIOMA, radiography/ HUMAN/ INDOCYANINE GREEN, diagnostic use/ *INFRARED RAYS, diagnostic use/ MALE/ MELANOMA, pathology

997. **Bonnin A, d'Izarn JJ, Collard M, et al:** Artériographie et densitométrie. Intérêt pharmacologique pour l'étude d'une substance vasodilatatrice J Radiol Electrol Med Nucl 58(3):203–6, Mar 77 (Eng. Abstr.) **(Fre)**
*ANGIOGRAPHY/ COUMARINS, pharmacodynamics/ *DENSITOMETRY, X-RAY/ ENGLISH ABSTRACT/ HUMAN/ MESENTERIC ARTERIES, drug effects/ MESENTERIC ARTERIES, radiography/ RENAL ARTERY, drug effects/ RENAL ARTERY, radiography/ RUTIN, pharmacodynamics/ *VASODILATOR AGENTS, pharmacodynamics

998. **Bonte W, Pohlig K, Sprung R, et al:** Die mikrobielle Beeinflussung des Proteinkatabolismus im Fäulnisexperiment Beitr Gerichtl Med 34:173–8, 1976 (Eng. Abstr.) **(Ger)**
AMINO ACIDS, analysis/ BACILLUS SUBTILIS, enzymology/ *BLOOD PROTEINS, metabolism/ CARBOXY-LYASES, metabolism/ ENGLISH ABSTRACT/ *ESCHERICHIA COLI, enzymology/ HUMAN/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEUS VULGARIS, enzymology

999. **Boonvisut S, Whitaker JR:** Effect of heat, amylase, and disulfide bond cleavage on the in vitro digestibility of soybean proteins. J Agric Food Chem 24(6):1130–5, Nov–Dec 76
*AMYLASE/ CHEMISTRY/ DIGESTION/ DISULFIDES, metabolism/ HEAT/ HYDROGEN-ION CONCENTRATION/ PEPSIN/ SOLUBILITY/ *SOY BEANS/ TRYPSIN INHIBITORS, analysis/ TRYPSIN/ *VEGETABLE PROTEINS/ VEGETABLE PROTEINS, isolation & purification/ VEGETABLE PROTEINS, metabolism

1000. **Booth AG, Kenny AJ:** Proteins of the kidney microvillus membrane. Identification of subunits after sodium dodecylsullphate/polyacrylamide-gel electrophoresis. Biochem J 159(2):395–407, Nov 76
ACTIN, isolation & purification/ ACTOMYOSIN, isolation & purification/ ADENOSINE TRIPHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, analysis/ AMINO ACIDS, analysis/ AMINOPEPTIDASES, isolation & purification/ ANIMAL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *KIDNEY, analysis/ KIDNEY, enzymology/ *MEMBRANE PROTEINS, analysis/ MEROMYOSINS/ MODELS, BIOLOGICAL/ MYOSIN, isolation & purification/ PAPAIN/ PEPTIDE HYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDES, analysis/ RABBITS/ SODIUM DODECYL SULFATE/ SWINE

1001. **Booth AG, Kenny AJ:** Identification of protein subunits in the kidney microvillus membrane. Biochem Soc Trans 4(2):348–50, 1976
ALKALINE PHOSPHATASE, analysis/ CELL MEMBRANE, enzymology/ GLYCOPROTEINS, analysis/ *KIDNEY CORTEX, analysis/ KIDNEY CORTEX, enzymology/ *MEMBRANE PROTEINS, analysis/ MOLECULAR WEIGHT/ PEPTIDE PEPTIDOHYDROLASES, analysis

1002. **Booth JC:** Demonstration of trypsin-sensitive antigenic determinants common to the intact virus particle and the 12S subunit of the Uga 6/70 strain of foot-and-mouth disease virus type SAT 2. J Gen Virol 34(3):551–5, Mar 77
ANTIGENIC DETERMINANTS/ *ANTIGENS, VIRAL/ FOOT-AND-MOUTH DISEASE VIRUS, drug effects/ *FOOT-AND-MOUTH DISEASE VIRUS, immunology/ HEMAGGLUTINATION INHIBITION TESTS/ TRYPSIN, pharmacodynamics/ *VIRAL PROTEINS, immunology

1003. **Bopp J, Martin M, Büchner U, et al:** Behandlung von Arteria-iliaca-Stenosen mit niedrig dosierter Streptokinase Dtsch Med Wochenschr 102(6):198–201, 11 Feb 77 (Eng. Abstr.) **(Ger)**
ADULT/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOLYSIN, analysis/ HUMAN/ ILIAC ARTERY/ MALE/ MIDDLE AGE/ STREPTOKINASE, administration & dosage/

*STREPTOKINASE, therapeutic use/ TIME FACTORS

1004. **Borberg H, Müller T, Kaulen HD, et al:** Die Anwendung von Blutzellseparatoren zur Präparation von Plättchenkonzentraten und deren Beurteilung durch Bestimmung der Uberlebenszeit.
Verh Dtsch Ges Inn Med 82 Pt 2:1659–62, 1976 **(Ger)**
*BLOOD PLATELETS/ *CELL SEPARATION, instrumentation/ *CELL SURVIVAL/ HUMAN/ PLASMAPHERESIS, methods

1005. **Border M:** Values of three coagulation screening tests of precolostral calves. Can J Comp Med 40(3):265–9, Jul 76
ANIMAL/ ANIMALS, NEWBORN/ BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION DISORDERS, veterinary/ *BLOOD COAGULATION TESTS, veterinary/ BLOOD PLATELETS/ *CATTLE DISEASES, blood/ CATTLE DISEASES, diagnosis/ CATTLE/ COLOSTRUM/ HORSES/ PROTHROMBIN TIME/ SHEEP/ SWINE/ THROMBOPLASTIN, analysis

1006. **Bordi C, Jemmi G, Banchini E, et al:** Problemi attuali del carcinoma midollare della tiroide
Recent Prog Med (Roma) 60(3):289–334, Mar 76 (228 ref.) (Eng. Abstr.) **(Ita)**
AMYLOID, metabolism/ CALCITONIN, metabolism/ *CARCINOMA/ CARCINOMA, familial & genetic/ CARCINOMA, metabolism/ CARCINOMA, pathology/ CORTICOTROPIN, secretion/ ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN, metabolism/ PROSTAGLANDINS, metabolism/ REVIEW/ SEROTONIN, metabolism/ *THYROID NEOPLASMS/ THYROID NEOPLASMS, familial & genetic/ THYROID NEOPLASMS, metabolism/ THYROID NEOPLASMS, pathology

1007. **Bordia A, Verma SK, Vyas AK, et al:** Effect of essential oil of onion and garlic on experimental atherosclerosis in rabbits. Atherosclerosis 26(3):379–86, Mar 77
ANIMAL/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ ATHEROSCLEROSIS, chemically induced/ ATHEROSCLEROSIS, physiopathology/ *CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ FIBRINOLYSIS/ *LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ *OILS, VOLATILE, pharmacodynamics/ PLANTS/ PLATELET ADHESIVENESS/ RABBITS/ SPECIES SPECIFICITY/ *TRIGLYCERIDES, blood

1008. **Bordin F, Carlassare F, Baccichetti F, et al:** DNA repair and recovery in Escherichia coli after psoralen and angelicin photosensitization. Biochim Biophys Acta 447(3):249–59, 18 Oct 76
*COUMARINS, pharmacodynamics/ *DNA REPAIR/ DNA REPAIR, drug effects/ DNA, BACTERIAL, biosynthesis/ DNA, SINGLE STRANDED, metabolism/ *ESCHERICHIA COLI, radiation effects/ *FICUSIN, pharmacodynamics/ ISOMERISM/ *LIGHT/ THYMIDINE, metabolism

1009. **Bordt J, Müller KM:** Lungendurchblutung bei Lungenarterienembolien ohne Lungeninfarkt
Fortschr Geb Roentgenstr Nuklearmed 126(2):87–9, Feb 77 (Eng. Abstr.) **(Ger)**
ANGIOGRAPHY/ ARTERIES, physiopathology/ AUTOPSY/ ENGLISH ABSTRACT/ HUMAN/ LUNG, blood supply/ LUNG, radiography/ *PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, physiopathology

1010. **Boreham PF, Wright IG:** Hypotension in rabbits infected with Trypanosoma brucei. Br J Pharmacol 58(1):137–9, Sep 76
ANIMAL/ *BLOOD PRESSURE/ BLOOD PRESSURE, drug effects/ HEART RATE, drug effects/ IMMUNE SERUMS, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ RABBITS/ TIME FACTORS/ *TRYPANOSOMA BRUCEI/ *TRYPANOSOMIASIS, physiopathology

1011. **Borek C, Pain C, Mason H:** Neoplastic transformation of hamster embryo cells irradiated in utero and assayed in vitro. Nature 266(5601):452–4, 31 Mar 77
ACID PHOSPHATASE, metabolism/ ANIMAL/ *CELL TRANSFORMATION, NEOPLASTIC, radiation effects/ *EMBRYO, radiation effects/ FEMALE/ FIBRINOLYSIS/ GANGLIOSIDES, metabolism/ HAMSTERS/ KARYOTYPING/ MIGRATION INHIBITORY FACTOR, metabolism/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, etiology/ PREGNANCY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ X-RAYS

1012. **Borenstein R, Mass N, Stolero A, et al:** [Puerperal ovarian vein thrombophlebitis] Harefuah 91(8):242–3, 15 Oct 76 (Eng. Abstr.) **(Heb)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ GENITALIA, FEMALE, pathology/ HUMAN/ NECROSIS/ *OVARY, blood supply/ PREGNANCY/ *PUERPERAL DISORDERS, complications/ PUERPERAL DISORDERS, pathology/ *THROMBOPHLEBITIS, complications

1013. **Borgeaud J, Berset JC, Chevalley R, et al:** Trois cas d'hémangio-endothéliome malin du foie
Helv Chir Acta 43(5–6):557–60, Dec 76 **(Fre)**
AGED/ CASE REPORT/ *HEMANGIOENDOTHELIOMA, diagnosis/ HUMAN/ *LIVER NEOPLASMS, diagnosis/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS

1014. **Borgeaud J, Berset JC, Chevalley R, et al:** Trois cas d'hémangio-endothéliome malin du foie
Helv Chir Acta 43(5–6):557–60, Dec 76 **(Fre)**
AGED/ CASE REPORT/ *HEMANGIOENDOTHELIOMA/ HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ *LIVER NEOPLASMS/ LIVER NEOPLASMS, surgery/ MALE/ MIDDLE AGE

1015. **Borhan GS, Schleuning WD, Tschesche H, et al:** Occurrence of multiple forms of bull and ram acrosin during proenzyme activation and inhibition of activation by p-nitrophenyl p'-guanidinobenzoate.
Hoppe Seylers Z Physiol Chem 357(5):667–71, May 76
*ACROSIN/ ACROSIN, isolation & purification/ ACROSIN, metabolism/ ANIMAL/ BENZOATES, pharmacodynamics/ CATTLE/ *ENZYME ACTIVATION, drug effects/ ENZYME PRECURSORS, isolation & purification/ GUANIDINES, pharmacodynamics/ MALE/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ SHEEP/ *SPERMATOZOA, enzymology

1016. **Borhan GS, Tschesche H, Fritz H:** Influence of boar acrosin antibodies produced in rabbit and sheep on chymotrypsinogen activation catalyzed by acrosin from boar, bull, ram, rabbit and human.
Hoppe Seylers Z Physiol Chem 357(9):1235–9, Sep 76
*ACROSIN, immunology/ ACROSIN, pharmacodynamics/ ANIMAL/ *ANTIBODIES/ ANTIBODY SPECIFICITY/ CATTLE/ *CHYMOTRYPSINOGEN, metabolism/ COMPARATIVE STUDY/ ENZYME ACTIVATION/ GAMMA GLOBULINS, pharmacodynamics/ HUMAN/ IGG, metabolism/ IN VITRO/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, immunology/ RABBITS/ SHEEP/ SPECIES SPECIFICITY/ SWINE/ TRYPSIN INHIBITORS

1017. **Borhan GS, Tschesche H, Fritz H:** Activation of chymotrypsinogen by boar acrosin and its prevention by antiboar acrosin rabbit gamma-globulins.
Hoppe Seylers Z Physiol Chem 357(9):1229–33, Sep 76
ACROSIN, antagonists & inhibitors/ ACROSIN, immunology/ *ACROSIN, pharmacodynamics/ ANIMAL/ ANTIBODY SPECIFICITY/ ARGININE, analogs & derivatives/ CATTLE/ *CHYMOTRYPSINOGEN, metabolism/ ENZYME ACTIVATION/ *GAMMA GLOBULINS, pharmacodynamics/ GEL DIFFUSION TESTS/ IMMUNE SERUMS, pharmacodynamics/ IMMUNOELECTROPHORESIS/ IN VITRO/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ SWINE/ TRYPSIN INHIBITORS/ TRYPSIN, pharmacodynamics/

TYROSINE, analogs & derivatives

1018. **Bories H:** Accidents des anticoagulants Infirm Fr (179):5–6, Nov 76 **(Fre)**
*ANTICOAGULANTS, adverse effects/ HUMAN

1019. **Borisov VG, Zavalishin VM, Smirnova LA, et al:** Elektroaerozol'terapiia ozhogov dykhatel'nykh putei Nov Med Priborostr (2):101–4, 1974 **(Rus)**
ADOLESCENCE/ ADULT/ AEROSOLS/ ANTIBIOTICS, administration & dosage/ *BURNS, drug therapy/ FEMALE/ FIBRINOLYSIN, administration & dosage/ HEPARIN, administration & dosage/ HUMAN/ *INHALATION THERAPY, instrumentation/ MALE/ MIDDLE AGE/ *RESPIRATORY SYSTEM, injuries

1020. **Borisova TA, Markosian RA:** Vozrastnye osobennosti biosinteza i raspada belkov trombotsitov Biull Eksp Biol Med 83(1):20–1, Jan 77 (Eng. Abstr.) **(Rus)**
AGE FACTORS/ ANIMAL/ *BLOOD PLATELETS, metabolism/ *BLOOD PROTEINS, metabolism/ ENGLISH ABSTRACT/ LYSINE, metabolism/ RABBITS

1021. **Borkenstein J, Leb G, Goebel R:** Erfahrungen mit einem neuen Radiophramakon zur Perfusionsszintigraphie der Lungen Wien Med Wochenschr 126(38):539–41, 17 Sep 76 **(Ger)**
ADULT/ AGED/ BRONCHIAL NEOPLASMS, diagnosis/ FEMALE/ HUMAN/ HYPERTENSION, PULMONARY, diagnosis/ *LUNG DISEASES, diagnosis/ MALE/ MIDDLE AGE/ PERFUSION/ PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING/ SERUM ALBUMIN/ TECHNETIUM, diagnostic use

1022. **Borko E, Breznik R, Kersic V, et al:** Promene trombelastograma kod žena koje upotrebljavaju hormonske antikoncipijense. Jugosl Ginekol Opstet 16(5–6):337–41, 1976 (Eng. Abstr.) **(Scr)**
ADULT/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION DISORDERS, diagnosis/ CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *THROMBELASTOGRAPHY/ THROMBOEMBOLISM, chemically induced/ THROMBOEMBOLISM, diagnosis/ TIME FACTORS

1023. **Born GV:** Effects of unphysiological blood flow on circulating cells. pp. 177–81.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975. (28 ref.)
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD CELLS/ BLOOD PLATELETS, drug effects/ ERYTHROCYTES, metabolism/ HUMAN/ MONOGRAPH/ *OXYGENATORS, MEMBRANE/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION/ REVIEW/ *RHEOLOGY

1024. **Born GV:** The thrombocyte membrane in circulatory diseases. Bull Schweiz Akad Med Wiss 32(4–6):175–80, Dec 76
ADENOSINE DIPHOSPHATE, blood/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ CELL MEMBRANE, physiology/ ERYTHROCYTE AGGREGATION/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ *VASCULAR DISEASES, blood

1025. **Born W:** Behandlung von Dermatosen mit Röntgen- und Beta-Strahlen Z Hautkr 51 Suppl 2:47–58, 1976 **(Ger)**
ENVIRONMENTAL EXPOSURE/ GERMANY, WEST/ HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ LEGISLATION, MEDICAL/ MAXIMUM PERMISSIBLE EXPOSURE LEVEL/ METHODS/ RADIATION PROTECTION/ RADIODERMATITIS, etiology/ RADIOTHERAPY, adverse effects/ RISK/ *SKIN DISEASES, radiotherapy/ SKIN NEOPLASMS, radiotherapy

1026. **Bornens M:** Solubilization of chromatin with heparin and the isolation of nuclear membranes. Methods Cell Biol 15:163–75, 1977
CELL NUCLEUS, drug effects/ *CHROMATIN/ CYTOLOGICAL TECHNICS/ *HEPARIN, pharmacodynamics/ *NUCLEAR MEMBRANE/ PHOSPHATES, pharmacodynamics/ RATS/ SOLUBILITY

1027. **Borodianskii VS, Chudnovskii ME, Zuberman BZ, et al:** Transfuzionnaia terapiia v neotlozhnoĭ khirurgii Probl Gematol Pereliv Krovi 21(8):18–20, Aug 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOGEN, therapeutic use/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ PLASMA SUBSTITUTES, therapeutic use/ SERUM ALBUMIN, therapeutic use/ *SHOCK, TRAUMATIC, therapy

1028. **Borokov SA:** Rekonstruktivnye operatsii pri posttromboflebiticheskoĭ okkliuzii podvzdoshnykh ven Khirurgiia (Mosk) (8):65–8, Aug 76 (Eng. Abstr.) **(Rus)**
CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ *ILIAC VEIN/ MALE/ METHODS/ MIDDLE AGE/ SAPHENOUS VEIN, surgery/ *THROMBOSIS, surgery

1029. **Borresen HC, Bolle R, Zanussi GF:** Huggormbill, cellemembranskade og elektrolyttforstyrrelser. En oversikt over 'sick cell'-syndromet og omtale av en pasient Tidsskr Nor Laegeforen 97(8):382–7, 20 Mar 77 (Eng. Abstr.) **(Nor)**
ACIDOSIS, etiology/ CASE REPORT/ *CELL MEMBRANE/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ PEPTIDE HYDROLASES, metabolism/ SHOCK, etiology/ *SNAKE BITES, complications/ SNAKE BITES, metabolism/ SNAKE BITES, therapy/ *WATER-ELECTROLYTE IMBALANCE, etiology

1030. **Borriss R:** beta-1,3-1,4-Glucanase in sporenbildenden Mikroorganismen. I. beta-Glucanasebildung während des Verlaufs des Wachstumszyklus von Bacillus subtilis (Marburg Yale) Z Allg Mikrobiol 16(6):475–7, 1976 **(Ger)**
AMYLASE, biosynthesis/ ANTIBIOTICS, biosynthesis/ *BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ BACILLUS SUBTILIS, metabolism/ *GLYCOSIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, biosynthesis/ SPORES, BACTERIAL, enzymology/ SPORES, BACTERIAL, growth & development/ SPORES, BACTERIAL, metabolism

1031. **Borroni M, Bottelli GC:** The treatment of severe fractures of the lower end of the femur with Judet's screw-plate. Ital J Orthop Traumatol 1(1):99–116, Apr 75
ADOLESCENCE/ ADULT/ AGED/ *BONE PLATES/ *BONE SCREWS/ CHILD/ EARLY AMBULATION/ EPIPHYSES, surgery/ FEMALE/ FEMORAL FRACTURES, radiography/ *FEMORAL FRACTURES, surgery/ *FRACTURE FIXATION, INTERNAL, instrumentation/ FRACTURE FIXATION, INTERNAL, methods/ HUMAN/ MALE/ MIDDLE AGE/ MOVEMENT DISORDERS, etiology/ PULMONARY EMBOLISM, etiology/ THROMBOPHLEBITIS, etiology

1032. **Borsand MA:** Heparin and prevention of postoperative thrombosis: a review of the literature and a suggested protocol. J Am Osteopath Assoc 76(5):356–9, Jan 77
DRUG ADMINISTRATION SCHEDULE/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

1033. **Borthistle BK, Kubo RT, Brown WR, et al:** Studies on receptors for IgG on epithelial cells of the rat intestine. J Immunol 119(2):471–6, Aug 77
AGE FACTORS/ ANIMAL/ ANIMALS, NEWBORN/ ANTIGEN-ANTIBODY COMPLEX/ *BINDING SITES/ CELL MEMBRANE, immunology/ EPITHELIAL CELLS, immunology/ *IGG, metabolism/

IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, FC/ *INTESTINE, SMALL, immunology/ JEJUNUM, immunology/ RATS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1034. **Bory M, Djiane P, Serradimigni A:** Langiopneumographue dans l'embolie pulmonaire Ann Med Interne (Paris) 127(10):779–84, Oct 76 **(Fre)**
ADULT/ AGED/ FEMALE/ HEART CATHETERIZATION/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY ARTERY, radiography/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, radiography

1035. **Bory M, Mathieu P:** Les facteurs de risque veineux. Soins 22(17):3–7, 5 Sep 77 **(Fre)**
ADULT/ AGE FACTORS/ EXERTION/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ OBESITY/ PHLEBITIS, complications/ SEASONS/ SEX FACTORS/ *THROMBOPHLEBITIS, etiology

1036. **Borysenko JZ, Ukena TE, Karnovsky MJ:** Effects of db-cAMP and theophylline on Concanavalin A binding site distribution on transformed and protease-treated cell lines. Exp Cell Res 107(2):253–60, Jul 77
ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADENOSINE, pharmacodynamics/ BUTYRATES, pharmacodynamics/ CELL LINE/ CELL MEMBRANE, metabolism/ *CELL TRANSFORMATION, NEOPLASTIC/ COMPARATIVE STUDY/ CONCANAVALIN A, metabolism/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *RECEPTORS, CONCANAVALIN A, drug effects/ *RECEPTORS, DRUG, drug effects/ *THEOPHYLLINE, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1037. **Boscolo P, Salimei E, Adamo A, et al:** Effects of environmental lead levels on the urinary kallikrein excretion of exposed workers. Life Sci 20(10):1715–21, 15 May 77
ADULT/ AMINOLEVULINIC ACID, urine/ ENVIRONMENTAL EXPOSURE/ HUMAN/ *KALLIKREIN, urine/ *LEAD POISONING, urine/ LEAD, urine/ MALE/ *OCCUPATIONAL DISEASES, chemically induced

1038. **Boskovic S, Haračic M, Musa M:** Hemostatski poremećaji kod Australia antigen pozitivnih osoba, kao značajan uzrok krvavljenja kod hirurških zahvata Acta Chir Iugosl 22(1):45–54, 1975 (Eng. Abstr.) **(Scr)**
ADULT/ ANTIBODY FORMATION/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, microbiology/ ENGLISH ABSTRACT/ HEMAGGLUTINATION INHIBITION TESTS/ *HEMORRHAGE, etiology/ *HEMOSTASIS/ *HEPATITIS B ANTIGENS, isolation & purification/ HEPATITIS B, immunology/ HUMAN/ POSTOPERATIVE COMPLICATIONS, microbiology

1039. **Bosnjakovic VB, Jankovic BD, Horvat J, et al:** Radiolabelled anti-human fibrin antibody: a new thrombus-detecting agent. Lancet 1(8009):452–4, 26 Feb 77
ACUTE DISEASE/ ANIMAL/ *ANTIBODIES/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *FIBRIN, immunology/ GEL DIFFUSION TESTS/ HUMAN/ IODINE RADIOISOTOPES/ ISOTOPE LABELING/ MIDDLE AGE/ RABBITS/ *RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, diagnosis/ TIME FACTORS/ VARICOSE VEINS, diagnosis

1040. **Bossaert L, Kluyskens Y, Snoeck J:** Thrombosis of the axillary and subclavian veins following muscular effort (Paget-Von Schroetter syndrome). Acta Clin Belg 31(6):348–54, 1976
ADULT/ *AXILLARY VEIN/ CASE REPORT/ *EXERTION/ HUMAN/ MALE/ *SUBCLAVIAN VEIN/ SYNDROME/ *THROMBOSIS, etiology/ THROMBOSIS, physiopathology

1041. **Bösterling B, Engel J:** Influence of various fluorescent and non-fluorescent labels on the kinetics of the complex formation of alpha-chymotrypsin with basic pancreatic trypsin inhibitor (Kunitz).
Hoppe Seylers Z Physiol Chem 357(9):1297–307, Sep 76
*AFFINITY LABELS, pharmacodynamics/ ANIMAL/ AZO COMPOUNDS, metabolism/ AZO COMPOUNDS, pharmacodynamics/ BUFFERS/ CATTLE/ *CHYMOTRYPSIN, metabolism/ COMPARATIVE STUDY/ DANSYL COMPOUNDS, metabolism/ DANSYL COMPOUNDS, pharmacodynamics/ *FLUORESCENT DYES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ *KALLIKREIN-TRYPSIN INACTIVATOR, metabolism/ KINETICS/ PROTEIN BINDING/ TEMPERATURE

1042. **Bösterling B, Engel J, Steinemann A, et al:** Extrinsic signals for monitoring the association reaction of proteins as introduced by fluorescent and non-fluorescent labels.
Hoppe Seylers Z Physiol Chem 357(9):1283–96, Sep 76
*AFFINITY LABELS, metabolism/ ANIMAL/ AZO COMPOUNDS, metabolism/ CATTLE/ CHYMOTRYPSIN, antagonists & inhibitors/ CHYMOTRYPSIN, metabolism/ COMPARATIVE STUDY/ DANSYL COMPOUNDS, metabolism/ FLUORESCENCE/ *FLUORESCENT DYES, metabolism/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ KINETICS/ PROTEIN BINDING/ *PROTEINS, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE/ TIME FACTORS/ TRYPSIN INHIBITORS, metabolism

1043. **Botreau-Roussel P, Drobinski G, Lévy R, et al:** Infarctus du myocarde et drépanocytose hétérozygote. A propos de 2 cas Arch Mal Coeur 70(2):141–7, Feb 77 (Eng. Abstr.) **(Fre)**
ADULT/ *ANEMIA, SICKLE CELL, complications/ CASE REPORT/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HETEROZYGOTE/ HUMAN/ MALE/ *MYOCARDIAL INFARCT, etiology/ MYOCARDIUM, pathology/ THROMBOSIS, etiology

1044. **Botsch H, Sörensen R:** Armödem nach behandeltem Mammakarzinom: Stellenwert der Phlebographie Strahlentherapie 153(1):17–20, Jan 77 (Eng. Abstr.) **(Ger)**
ARM, blood supply/ BERLIN/ *BREAST NEOPLASMS, complications/ BREAST NEOPLASMS, radiotherapy/ BREAST NEOPLASMS, surgery/ EDEMA, occurrence/ *EDEMA, radiography/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PHLEBOGRAPHY/ RADIOTHERAPY, adverse effects/ THROMBOPHLEBITIS, complications

1045. **Bottari M, Donati L, Gagnatelli G:** La coagulazione intravascolare disseminata come complicanza dello shock Atti Accad Med Lomb 28(1-4):5–8, 1973 **(Ita)**
DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEPARIN, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *SHOCK, complications/ TRANEXAMIC ACID, therapeutic use/ 6-AMINOCAPROIC ACID, therapeutic use

1046. **Böttcher D, Hasler K, Sutor AH, et al:** Von Willebrand-Jürgens-Syndrom mit einer Variante des Faktor VIII-assoziierten Antigens Blut 33(1):33–40, Jul 76 (Eng. Abstr.) **(Ger)**
*ANTIGENS, analysis/ BLOOD COAGULATION TESTS/ CHILD/ ENGLISH ABSTRACT/ *FACTOR VIII/ FEMALE/ HEMORRHAGIC DIATHESIS, immunology/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ *VON WILLEBRAND'S DISEASE, immunology

1047. **Bottecchia D, Vermylen J:** Factor VIII and human platelet aggregation. II. Characteristics of aggregation of human platelets by bovine factor VIII. Br J Haematol 34(2):313–20, Oct 76
APYRASE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD COAGULATION,

drug effects/ BLOOD PLATELETS, metabolism/ CATTLE/ *FACTOR VIII, metabolism/ HUMAN/ INDOMETHACIN, pharmacodynamics/ OXIDATION-REDUCTION/ *PLATELET AGGREGATION/ REPTILASE, pharmacodynamics/ SEROTONIN, metabolism

1048. **Bottecchia D, Vermylen J:** Factor VIII and human platelet aggregation. I. Evience that the platelet aggregating activity of bovine factor VIII is a property of its 'carrier protein' subunit. Br J Haematol 34(2):303–11, Oct 76
BINDING, COMPETITIVE/ *CARRIER PROTEINS, analysis/ CATTLE/ *FACTOR VIII, analysis/ FACTOR VIII, isolation & purification/ HUMAN/ MOLECULAR WEIGHT/ *PLATELET AGGREGATION

1049. **Bottecchia D, Fantin G, Gruppo F, et al:** Ionophore a 23187: some effects on platelet aggregation and clot retraction. Haemostasis 5(3):176–88, 1976
A-23187, antagonists & inhibitors/ *A-23187, pharmacodynamics/ ANIMAL/ *ANTIBIOTICS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ *CLOT RETRACTION/ HUMAN/ *PLATELET AGGREGATION, drug effects/ RATS

1050. **Böttger EM, Heindl I, Müller E, et al:** Infrarotthermographie zum Nachweis einer Heparinoid-Wirkung an der menschlichen Haut. Z Hautkr 52(14):743–8, 15 Jul 77 **(Ger)**
ADMINISTRATION, TOPICAL/ FEMALE/ HEPARINOID, administration & dosage/ *HEPARINOID, pharmacodynamics/ HEPARINOID, therapeutic use/ HUMAN/ MALE/ *SKIN TEMPERATURE, drug effects/ *THERMOGRAPHY, methods/ THROMBOPHLEBITIS, drug therapy

1051. **Böttger W, Güthert H, Vollmar F, et al:** Koronarsklerose, Koronarthrombose und Myokardinfarkt im Obduktionsgut Zentralbl Allg Pathol 120(6):481–6, 1976 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ARTERIOSCLEROSIS, complications/ ARTERIOSCLEROSIS, occurrence/ AUTOPSY/ *CORONARY DISEASE, occurrence/ CORONARY DISEASE, pathology/ CORONARY VESSELS/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, EAST/ HUMAN/ MALE/ MIDDLE AGE/ SEX FACTORS/ THROMBOSIS, complications/ THROMBOSIS, occurrence

1052. **Böttger W, Güghert H, Vollmar F:** Koronarsklerose, Koronarthrombose und Myokardinfarkt im Obduktionsgut. III, Mitteilung: Häufigkeitsbeziehungen zwischen Koronarsklerose und generalisierter Arteriosklerose Zentralbl Allg Pathol 120(5):367–73, 1976 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ AORTIC DISEASES, occurrence/ ARTERIOSCLEROSIS, occurrence/ AUTOPSY/ *CORONARY DISEASE, occurrence/ CORONARY DISEASE, pathology/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, EAST/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, occurrence/ SEX FACTORS/ THROMBOSIS, occurrence

1053. **Böttger W, Güthert H, Vollmar F, et al:** Koronarsklerose, koronarthrombose und Myokardinfarkt im Obduktionsgut. IV. Mitteilung: Die Koronarthrombose Zentralbl Allg Pathol 120(5):374–82, 1976 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AUTOPSY/ *CORONARY DISEASE, occurrence/ CORONARY DISEASE, pathology/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, EAST/ HUMAN/ MALE/ MIDDLE AGE/ SEX FACTORS/ THROMBOSIS, occurrence

1054. **Böttger W, Güthert H, Vollmar F, et al:** [Coronary atherosclerosis, coronary thrombosis and myocardial infarction in autopsy cases (author's transl)] Zentralbl Allg Pathol 120(6):487–99, 1976 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AUTOPSY/ CORONARY DISEASE, occurrence/ CORONARY VESSELS/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, EAST/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, occurrence/ MYOCARDIAL INFARCT, pathology/ SEX FACTORS/ THROMBOSIS, occurrence

1055. **Bottiger LE:** Blodskador av alkohol Lakartidningen 73(47):4099–101, 17 Nov 76 (Eng. Abstr.) **(Swe)**
*ALCOHOLISM, complications/ ANEMIA, chemically induced/ *BONE MARROW DISEASES, chemically induced/ ENGLISH ABSTRACT/ ERYTHROPOIESIS/ *HEMATOLOGIC DISEASES, chemically induced/ HUMAN/ IRON, blood/ LEUKOPENIA, chemically induced/ THROMBOPENIA, chemically induced/ TIME FACTORS

1056. **Boucherie H, Delettre YM, Bernet J:** A constitutive mutation in a posttranscriptional regulator gene for a phenoloxidase and proteases in Podospora anserina. Biochem Genet 14(9–10):857–68, Oct 76
AMMONIA, pharmacodynamics/ *ASCOMYCETES, enzymology/ COLD/ CYCLOHEXIMIDE, pharmacodynamics/ *DIPHENOL OXIDASES, metabolism/ *DOPA OXIDASE, metabolism/ FLUORODEOXYURIDINE, pharmacodynamics/ GENES, DOMINANT/ GENES, RECESSIVE/ *GENES, REGULATOR/ GENES, SUPPRESSOR/ GENOTYPE/ HYDROXYLASES, biosynthesis/ MUTATION/ *PEPTIDE HYDROLASES, metabolism/ PHENYLPYRUVIC ACIDS, pharmacodynamics/ TRANSLATION, GENETIC, drug effects

1057. **Bouday E, Dimitrov D, Charles G, et al:** A propos d'un cas rare d'hémangiome caverneux de la vessie J Urol Nephrol (Paris) 83(3):203–6, Mar 77 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ *BLADDER NEOPLASMS, diagnosis/ BLADDER NEOPLASMS, surgery/ BLADDER, surgery/ CASE REPORT/ ENGLISH ABSTRACT/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, surgery/ HEMATURIA, etiology/ HUMAN/ MALE/ VARICOSE VEINS, etiology

1058. **Boughton BJ, Corbett WE, Ginsburg AD:** Myeloproliferative disorders: a paradox of in-vivo and in-vitro platelet function. J Clin Pathol 30(3):228–34, Mar 77
AGED/ CASE REPORT/ HUMAN/ IN VITRO/ MALE/ *MYELOPROLIFERATIVE DISORDERS, blood/ MYELOPROLIFERATIVE DISORDERS, complications/ *PLATELET AGGREGATION/ THROMBOEMBOLISM, complications/ THROMBOEMBOLISM, pathology

1059. **Bouillenne C, Leclercq P, Brocteur J, et al:** Transfusion de sang sélectionné sur base du phénotype HL-A. Estimation des possibilités offertes par une population de 2 380 donneurs Nouv Rev Fr Hematol Blood Cells 16(2):203–8, 1976 (Eng. Abstr.) **(Fre)**
ANEMIA, therapy/ ANTIBODY FORMATION/ BLOOD DONORS/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ ENGLISH ABSTRACT/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ *HL-A/ HUMAN/ LEUKOPENIA, therapy/ THROMBOPENIA, therapy

1060. **Bouillet R:** Traitement des lombosciatiques par injection intradiscale de chymopapaïne Acta Orthop Belg 42(2):146–56, Mar-Apr 76 (Eng. Abstr.) **(Fre)**
CHYMOPAPAIN, administration & dosage/ CHYMOPAPAIN, adverse effects/ *CHYMOPAPAIN, therapeutic use/ DRUG EVALUATION/ ENGLISH ABSTRACT/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ *INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use

1061. **Bouillet R:** Traitement des lombosciatiques par injection intradiscale de chymopapaïne. Analyse comparative des résultats de la discectomie et de la chémonucléolyse Acta Orthop Belg 42(2):101–33, Mar-Apr 76 (Eng. Abstr.) **(Fre)**
ADULT/ *CHYMOPAPAIN, therapeutic use/ COMPARATIVE STUDY/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ *INTERVERTEBRAL DISK DISPLACEMENT, surgery/ LAMINECTOMY/ LUMBAR

VERTEBRAE/ MALE/ MIDDLE AGE/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ POSTOPERATIVE COMPLICATIONS

1062. **Boulay J:** Une famille Québécoise de déficience en facteur VII Union Med Can 105(2):252–4, Feb 76 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOPROCONVERTINEMIA, familial & genetic/ MALE/ MIDDLE AGE/ QUEBEC

1063. **Boulis MN, Karp S, Rubinstein MF:** Intestinal hemangioma with intussception in infancy. J Med Soc NJ 74(9):775–6, Sep 77
CASE REPORT/ *HEMANGIOMA, complications/ HUMAN/ *ILEUM/ INFANT/ *INTESTINAL NEOPLASMS, complications/ *INTUSSUSCEPTION, etiology/ MALE

1064. **Boullin DJ, Grahame-Smith DG, Grimes RP, et al:** Resuspension of platelets: enhanced 5-hydroxytryptamine-induced aggregation in chlorpromazine treated patients due to changes in platelet properties. Br J Clin Pharmacol 2(1):37–9, Feb 75
*BLOOD PLATELETS, drug effects/ *CHLORPROMAZINE, pharmacodynamics/ CHLORPROMAZINE, therapeutic use/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ PLATELET AGGREGATION, drug effects/ *SEROTONIN, pharmacodynamics

1065. **Boullin DJ:** Drug interactions involving cellular transport and storage mechanisms. pp. 57–86.
In: Grahame-Smith, DG, ed. Drug interactions. Baltimore, Univ Park Press, 1977. QV 38 D7932 1975.
AMPHETAMINE, antagonists & inhibitors/ ANIMAL/ ANTIDEPRESSIVE AGENTS, TRICYCLIC, pharmacodynamics/ BIOLOGICAL TRANSPORT, ACTIVE/ *BIOTRANSFORMATION/ BLOOD PLATELETS/ DOPAMINE/ *DRUG INTERACTIONS/ DRUGS, metabolism/ GUANETHIDINE, antagonists & inhibitors/ GUANETHIDINE, pharmacodynamics/ HUMAN/ MODELS, BIOLOGICAL/ MONOGRAPH/ RESERPINE, pharmacodynamics/ SEROTONIN/ SYMPATHOMIMETICS, pharmacodynamics

1066. **Bouma BN, Dodds WJ, van Mourik JA, et al:** Infusion of human and canine factor VIII in dogs with von Willebrand's disease: studies of the von Willebrand and factor VIII synthesis stimulating factors. Scand J Haematol 17(4):263–75, Oct 76
ANIMAL/ ANTIGENS, analysis/ *BLOOD COAGULATION FACTORS, biosynthesis/ DOGS/ FACTOR VIII, administration & dosage/ *FACTOR VIII, biosynthesis/ FACTOR VIII, immunology/ FEMALE/ GEL DIFFUSION TESTS/ INFUSIONS, PARENTERAL/ ISOTONIC SOLUTIONS/ MALE/ PLATELET AGGREGATION, drug effects/ PROTHROMBIN TIME/ RISTOCETIN, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND FACTOR, biosynthesis/ *VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, immunology

1067. **Bouma BN, Griffin JH:** Human blood coagulation factor XI. Purification, properties, and mechanism of activation by activated factor XII. J Biol Chem 252(18):6432–7, 25 Sep 77
BLOOD COAGULATION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR XI, isolation & purification/ FACTOR XI, metabolism/ *FACTOR XII, metabolism/ HUMAN/ METHODS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1068. **Bounous G, Menard D, De Medicis E:** Role of pancreatic proteases in the pathogenesis of ischemic enteropathy. Gastroenterology 73(1):102–8, Jul 77
ANIMAL/ *CHYMOTRYPSIN/ DNA, metabolism/ GLUTAMYL TRANSPEPTIDASE, metabolism/ *INTESTINAL MUCOSA, blood supply/ INTESTINAL MUCOSA, enzymology/ INTESTINAL MUCOSA, metabolism/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LEUCYL-BETA-NAPHTHYLAMIDASE, metabolism/ MALE/ *MESENTERIC VASCULAR OCCLUSION, enzymology/ ORGAN WEIGHT/ *PANCREATIC JUICE, enzymology/ *PANCREATOPEPTIDASE/ PROTEINS, metabolism/ RATS/ SUCRASE, metabolism/ TIME FACTORS/ *TRYPSIN

1069. **Bourdillon PD, Sharratt GP:** Malfunction of Björk-Shiley valve prosthesis in tricuspid position. Br Heart J 38(11):1149–53, Nov 76
ADULT/ AGED/ ANGIOCARDIOGRAPHY/ CASE REPORT/ FEMALE/ FIBRIN/ *HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, methods/ HUMAN/ MALE/ MIDDLE AGE/ PHONOCARDIOGRAPHY/ THROMBOSIS, complications/ TRICUSPID VALVE INSUFFICIENCY, etiology/ *TRICUSPID VALVE, surgery

1070. **Bourgois A, Abney ER, Parkhouse RM:** Mouse immunoglobulin receptors on lymphocytes: identification of IgM and IgD molecules by tryptic cleavage and a postulated role for cell surface IgD. Eur J Immunol 7(4):210–3, Apr 77
ANIMAL/ ANTIBODY SPECIFICITY/ *IGD/ *IGM/ IMMUNOGLOBULINS, DELTA CHAIN/ IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, FC/ *IMMUNOGLOBULINS, SURFACE/ *LYMPHOCYTES, immunology/ MICE/ T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics

1071. **Bourne RC, Frith CD, Owen F, et al:** The effect of subcutaneous injections of adrenaline on platelet MAO activity [proceedings]. Br J Pharmacol 58(2):291P–292P, Oct 76
*BLOOD PLATELETS, enzymology/ COMPARATIVE STUDY/ EPINEPHRINE, administration & dosage/ *EPINEPHRINE, pharmacodynamics/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ *MONOAMINE OXIDASE, blood/ STIMULATION, CHEMICAL

1072. **Bousser MG:** L'offensive des antiagrégants plaquettaires Rev Prat 26(59):4265–71, 21 Dec 76 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ HUMAN/ *PLATELET AGGREGATION, drug effects/ THROMBOSIS, prevention & control

1073. **Boutaugh M, Patterson PC:** Summer camp for hemophiliacs. Am J Nurs 77(8):1288–91, Aug 77
*CAMPING/ CHILD/ HEALTH EDUCATION/ *HEMOPHILIA, nursing/ HUMAN/ PEDIATRIC NURSING

1074. **Boutibonnes P:** Effet de l'aflatoxine B1 sur les activités enzymatiques de Bacillus thuringiensis (Berliner). Can J Microbiol 23(7):931–2, Jul 77 (Eng. Abstr.) **(Fre)**
*AFLATOXINS, pharmacodynamics/ ALKALINE PHOSPHATASE, metabolism/ BACILLUS THURINGIENSIS, drug effects/ *BACILLUS THURINGIENSIS, enzymology/ CHYMOTRYPSIN, metabolism/ DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ ESTERASES, metabolism/ GLUCOSIDASES, metabolism/ *HYDROLASES, metabolism/ LEUCINE AMINOPEPTIDASE, metabolism/ PHOSPHOAMIDASE, metabolism/ TEMPERATURE

1075. **Bouvenot G, Cviklinski B, Sankale J, et al:** Thrombocythémie secondaire à un cancer du sein Nouv Presse Med 5(31):1993, 25 Sep 76 **(Fre)**
*ADENOCARCINOMA, blood/ *BREAST NEOPLASMS, blood/ CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOCYTOSIS, etiology

1076. **Bouvenot G, Cviklinski B, Sankale J, et al:** Thrombocythémie secondaire à un cancer du sein Sem Hop Paris 52(40):2297–9, 23 Nov 76 **(Fre)**
ADENOCARCINOMA, complications/ BONE NEOPLASMS, complications/ *BREAST NEOPLASMS, complications/ CASE REPORT/ FEMALE/ HUMAN/ MIDDLE AGE/

NEOPLASM METASTASIS/
*THROMBOCYTOSIS, etiology

1077. **Bouvier CA, Gabbiani G, Ryan GB, et al:** Binding of anti-actin autoantibodies to platelets.
Thromb Haemostas 37(2):321–8, 30 Apr 77
*ACTIN/ *AUTOANTIBODIES, metabolism/ BINDING SITES, ANTIBODY/ *BLOOD PLATELETS, metabolism/ CLOT RETRACTION/ EDTA/ HEPATITIS, immunology/ HUMAN/ PLATELET AGGREGATION

1078. **Bovenko VN, Karchevskaia VV, Kniazik LV, et al:** K voprosu o srokakh godnosti rastvoriteleĭ sukhikh preparatov krovi i krovezamenitelei Probl Gematol Pereliv Krovi 21(4):58–60, Apr 76 **(Rus)**
BIOLOGIC AVAILABILITY/ BLOOD PRESERVATION/ *BLOOD/ FREEZE DRYING/ HUMAN/ ISOTONIC SOLUTIONS/ *PLASMA SUBSTITUTES/ *SOLVENTS, analysis/ SOLVENTS, pharmacodynamics/ STERILIZATION

1079. **Bowen DM, Smith CB, White P, et al:** Neurotransmitter-related enzymes and indices of hypoxia in senile dementia and other abiotrophies. Brain 99(3):459–96, Sep 76
ADULT/ AGED/ ANOXIA, metabolism/ *BRAIN DISEASES, enzymology/ BRONCHOPNEUMONIA, enzymology/ CARBOXY-LYASES, analysis/ CAUDATE NUCLEUS, analysis/ CAUDATE NUCLEUS, enzymology/ *CEREBRAL ANOXIA, enzymology/ CEREBRAL CORTEX, analysis/ CEREBRAL CORTEX, enzymology/ CHOLINE ACETYLTRANSFERASE, analysis/ GLUTAMATE DECARBOXYLASE, analysis/ GLUTAMYL TRANSPEPTIDASE, analysis/ HUMAN/ MIDDLE AGE/ NERVE TISSUE PROTEINS, analysis/ NERVE TISSUE PROTEINS, metabolism/ *NEUROHUMORS, metabolism/ ORGAN WEIGHT/ POSTMORTEM CHANGES/ *PSYCHOSES, SENILE, enzymology/ PULMONARY EMBOLISM, enzymology/ TIME FACTORS

1080. **Bowers VM Jr, King JD:** Benign hemangiomyoma of the uterus. Obstet Gynecol 49(1 suppl):38–40, Jan 77
CASE REPORT/ FEMALE/ HEMANGIOMA, classification/ *HEMANGIOMA, pathology/ HUMAN/ LEIOMYOMA, classification/ LEIOMYOMA, pathology/ MIDDLE AGE/ UTERINE NEOPLASMS, classification/ *UTERINE NEOPLASMS, pathology

1081. **Bowers WH, Spencer JB, McDevitt NB:** Brachial-artery rupture in Ehlers-Danlos syndrome: an unusual cause of high median-nerve palsy. A case report.
J Bone Joint Surg [Am] 58(7):1025–6, Oct 76
ADOLESCENCE/ *BRACHIAL ARTERY, injuries/ CASE REPORT/ *EHLERS-DANLOS SYNDROME, complications/ FEMALE/ HEMATOMA, complications/ HEMATOMA, pathology/ HUMAN/ *MEDIAN NERVE/ *PARALYSIS, etiology/ PERIPHERAL NERVE DISEASES, etiology/ RUPTURE

1082. **Bowie EJ, Owen CA Jr:** Hemostatic failure in clinical medicine. Semin Hematol 14(3):341–64, Jul 77 (112 ref.)
ACUTE DISEASE/ AMYLOIDOSIS, complications/ ANTICOAGULANTS, blood/ ASPIRIN, pharmacodynamics/ BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, therapy/ BLOOD VESSELS, injuries/ CHRONIC DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FACTOR VIII, antagonists & inhibitors/ FEMALE/ FIBRINOLYSIS/ *HEMORRHAGE, etiology/ *HEMOSTASIS/ HUMAN/ LIVER DISEASES, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ PLATELET AGGREGATION, drug effects/ PREGNANCY/ PURPURA, complications/ REVIEW/ SCURVY, complications/ VITAMIN K DEFICIENCY, complications

1083. **Bowyer DE, Reidy MA:** A simple technique for the frequent intravenous infusion of fluid without heparin into the rabbit. J Pharm Pharmacol 28(12):878–81, Dec 76
ANIMAL/ ANTICOAGULANTS, administration & dosage/ INDWELLING CATHETER/ *INFUSIONS, PARENTERAL, methods/ JUGULAR VEIN/ METHODS/ *RABBITS

1084. **Boxer GJ, Holmsen H, Robkin L, et al:** Abnormal platelet function in Chediak-Higashi syndrome. Br J Haematol 35(4):521–533, Apr 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CASE REPORT/ *CHEDIAK-HIGASHI SYNDROME, physiopathology/ FEMALE/ HUMAN/ HYDROLASES, secretion/ INFANT/ PLATELET AGGREGATION/ SEROTONIN, metabolism/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1085. **Boxer GJ:** Hemophilia. J Indiana State Med Assoc 70(7):573–80, Jul 77
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE, diagnosis/ FACTOR XI DEFICIENCY, diagnosis/ FEMALE/ *HEMOPHILIA/ HEMOPHILIA, diagnosis/ HEMOPHILIA, therapy/ HEMORRHAGE, prevention & control/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE

1086. **Boxer M, Ellman L, Carvalho A:** The lupus anticoagulant. Arthritis Rheum 19(6):1244–8, Nov-Dec 76
BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ PROTHROMBIN TIME

1087. **Boyer CA, Oehlberg SM:** Interpretation and clinical relevance of liver function tests. Nurs Clin North Am 12(2):275–90, Jun 77
ANTIGEN-ANTIBODY REACTIONS/ BILIRUBIN, blood/ BIOPSY/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ ENZYMES, blood/ HEPATITIS B ANTIGENS, analysis/ HUMAN/ JAUNDICE, classification/ *LIVER DISEASES, diagnosis/ LIVER DISEASES, nursing/ *LIVER FUNCTION TESTS/ LIVER, pathology/ RADIONUCLIDE IMAGING/ SULFOBROMOPHTHALEIN, diagnostic use/ ULTRASONICS, diagnostic use/ UROBILINOGEN, analysis

1088. **Boyle MD, Ohanian SH:** Quantitation of antibody-complement mediated lysis of tumor cells.
J Immunol Methods 15(2):135–46, 1977
ANIMAL/ *ANTIBODIES/ *COMPLEMENT, metabolism/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DEOXYRIBONUCLEASE, pharmacodynamics/ FICIN, pharmacodynamics/ *HEPATOMA, immunology/ IODINE RADIOISOTOPES/ *LIVER NEOPLASMS, immunology/ MICE/ PAPAIN, pharmacodynamics/ TRYPSIN, pharmacodynamics/ URIDINE, metabolism

1089. **Bozděch Z:** Uloha ortopéda v léčbě hemofilku.
Acta Chir Orthop Traumatol Cech 44(2):167–72, Apr 77 (Eng. Abstr.) **(Cze)**
ENGLISH ABSTRACT/ *HEMOPHILIA, complications/ HUMAN/ *ORTHOPEDICS

1090. **Bozian RC, Shearer C:** Copper, zinc, and manganese content of four amino acid and protein hydrolysate preparations.
Am J Clin Nutr 29(12):1331–2, Dec 76
*AMINO ACIDS, analysis/ CASEIN/ COPPER, analysis/ FIBRIN/ MANGANESE, analysis/ PARENTERAL FEEDING/ *PROTEIN HYDROLYSATES, analysis/ *TRACE ELEMENTS, analysis/ ZINC, analysis

1091. **Braakman R:** De traumatische dwarslaesie
Ned Tijdschr Geneeskd 120(41):1717–21, 9 Oct 76 **(Dut)**
ACCIDENTS/ ADULT/ ANTICOAGULANTS, therapeutic use/ BLADDER, NEUROGENIC, etiology/ CASE REPORT/ DECUBITUS ULCER, prevention & control/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PARAPLEGIA,

etiology/ QUADRIPLEGIA, etiology/ REHABILITATION CENTERS/ *SPINAL CORD INJURIES, complications/ SPINAL CORD INJURIES, rehabilitation/ THROMBOEMBOLISM, prevention & control

1092. **Brach BB, Moser KM, Cedar L, et al:** Venous thrombosis in acute spinal cord paralysis. J Trauma 17(4):289–92, Apr 77
ADOLESCENCE/ FEMALE/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES/ LEG, blood supply/ MALE/ *PARALYSIS, complications/ PHLEBOGRAPHY/ *SPINAL CORD INJURIES, complications/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1093. **Brackman HH:** 3. Hemophilia home treatment in West Germany. Scand J Haematol (31):11–5, 1977
ECONOMICS, MEDICAL/ GERMANY, WEST/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN

1094. **Brackmann HH, Hofmann P, Etzel F, et al:** Home care of hemophilia in West Germany. Thromb Haemostas 35(3):544–52, 30 Jun 76
AMBULATORY CARE/ GEOGRAPHY/ GERMANY, WEST/ HEMOPHILIA, occurrence/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN/ MALE/ METHODS/ SELF MEDICATION

1095. **Braconnier F, Gacon G, Thillet J, et al:** Hemoglobin Fort de France (alpha2(45)(CD3) His replaced by Arg beta2). A new variant with increased oxygen affinity. Biochim Biophys Acta 493(1):228–33, 22 Jul 77
ADULT/ AMINO ACID SEQUENCE/ ARGININE/ CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ *HEMOGLOBINS, ABNORMAL/ HETEROZYGOTE/ HISTIDINE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ *OXYGEN, blood/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN

1096. **Bradac GB, Simon RS, Bunte M, et al:** Angiography in vascular malformations of the face. AJR 129(3):469–75, Sep 77
ADULT/ *ANGIOGRAPHY/ CAROTID ARTERIES, radiography/ CASE REPORT/ CHILD, PRESCHOOL/ *FACE, blood supply/ FEMALE/ HEMANGIOMA, blood supply/ *HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE

1097. **Bradbury AF, Smyth DG, Snell CR:** Biosynthesis of beta-MSH and ACTH. pp. 609–15.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
AMINO ACID SEQUENCE/ ANIMAL/ CHROMATOGRAPHY, GEL/ *CORTICOTROPIN, biosynthesis/ CORTICOTROPIN, isolation & purification/ MONOGRAPH/ *MSH, biosynthesis/ MSH, isolation & purification/ PEPTIDE FRAGMENTS, analysis/ *PITUITARY GLAND, metabolism/ PROTEIN PRECURSORS, biosynthesis/ SWINE/ TRYPSIN

1098. **Bradham LS:** Fluoride activation of rat brain adenylate cyclase: the requirement for a protein co-factor. J Cyclic Nucleotide Res 3(2):119–28, Apr 77
*ADENYL CYCLASE, metabolism/ ANIMAL/ *BRAIN, enzymology/ DETERGENTS/ EDTA, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ *FLUORIDES, pharmacodynamics/ HEAT/ MAGNESIUM, pharmacodynamics/ *NERVE TISSUE PROTEINS, pharmacodynamics/ RATS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1099. **Bradley EL 3d, Isaacs JT, Mazo JD, et al:** Pathophysiology and significance of malabsorption after Roux-en-Y reconstruction. Surgery 81(6):684–91, Jun 77
BILE ACIDS AND SALTS, metabolism/ CHOLECYSTOKININ, blood/ DIETARY FATS, metabolism/ FEMALE/ *GASTRECTOMY, methods/ GASTRIN, blood/ HUMAN/ JEJUNUM, microbiology/ LIPASE, metabolism/ *MALABSORPTION SYNDROMES, etiology/ MALE/ NITROGEN, metabolism/ *POSTGASTRECTOMY SYNDROMES, etiology/ SECRETIN, blood/ TETRACYCLINE, pharmacodynamics/ TRYPSIN, metabolism

1100. **Bradlow BA, Gomperts ED, Hockley J:** A human brain thromboplastin standard for distribution in South Africa. S Afr Med J 50(50):1989–92, 20 Nov 76
ACETONE/ BRAIN/ COMPARATIVE STUDY/ HUMAN/ PHENOLS/ PROTHROMBIN TIME/ SODIUM CHLORIDE/ SOUTH AFRICA/ THROMBOPLASTIN, isolation & purification/ *THROMBOPLASTIN, standards

1101. **Brady LP:** A multifaceted approach to prevention of thromboembolism: a report of 529 cases. South Med J 70(5):546–8, May 77
ASPIRIN, therapeutic use/ BANDAGES/ DEXTRAN, therapeutic use/ EXERCISE THERAPY/ HEPARIN, therapeutic use/ HIP JOINT, surgery/ HUMAN/ JOINT PROSTHESIS/ PHENYLBUTAZONE, therapeutic use/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSPECTIVE STUDIES/ PULMONARY EMBOLISM, prevention & control/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ WARFARIN, therapeutic use

1102. **Bragg DG:** Angiography of hepatic neoplasms: a review. Int J Radiat Oncol Biol Phys 1(9–10):965–71, Sep-Oct 76 (27 ref.)
ADULT/ ANGIOGRAPHY/ BILE DUCT NEOPLASMS, radiography/ CHOLANGIOMA, radiography/ GALLBLADDER NEOPLASMS, radiography/ HEMANGIOMA, CAVERNOUS, radiography/ HEPATOMA, blood supply/ *HEPATOMA, radiography/ HUMAN/ HYPERPLASIA, radiography/ LIVER NEOPLASMS, blood supply/ *LIVER NEOPLASMS, radiography/ LIVER, pathology/ MALE/ NEOPLASM METASTASIS/ NOMENCLATURE/ REVIEW

1103. **Brajerski W:** Badania nad zaburzeniami hemostazy osoczowej u chorych na raka oskrzela i chorych ze zmianami zapalnymi płuc Nowotwory 26(3):205–15, Jul-Sep 76 (Eng. Abstr.) **(Pol)**
ADULT/ AGED/ *BLOOD COAGULATION DISORDERS/ *BRONCHIAL NEOPLASMS, blood/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HUMAN/ MALE/ MIDDLE AGE/ *PNEUMONIA, blood

1104. **Brake AJ, Celada F, Fowler AV, et al:** An immunochemical aid to sequence determination of proteins. Anal Biochem 80(1):108–15, 15 May 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CROSS REACTIONS/ ESCHERICHIA COLI, enzymology/ *GALACTOSIDASES/ GALACTOSIDASES, analysis/ PEPTIDE FRAGMENTS/ PRECIPITIN TESTS/ RADIOIMMUNOASSAY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1105. **Brakel CL, Blumenthal AB:** Multiple forms of Drosophila embryo DNA polymerase: evidence for proteolytic conversion. Biochemistry 16(14):3137–43, 12 Jul 77
ANIMAL/ *DROSOPHILA MELANOGASTER, enzymology/ *DNA POLYMERASES, isolation & purification/ DNA POLYMERASES, metabolism/ LARVA/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1106. **Brala Z:** Važnost heparinizacije bolesnikove krvi u toku operativnog zahvata na arterijama Lijec Vjesn 98(4):197–8, Apr 76 (Eng. Abstr.) **(Cro)**
*ARTERIES, surgery/ ENDARTERECTOMY/ ENGLISH ABSTRACT/ *HEPARIN, administration & dosage/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control

1107. **Brala Z, Fabijanic H, Palčic I, et al:** Tromboembolizam arterija sve češći dijagnostički i terapijski problem

službujućeg kirurga Acta Chir Iugosl 24(1 Suppl):445–50, 1977 **(Scr)**

AMPUTATION/ AORTOGRAPHY/ EMERGENCIES/ ENDARTERECTOMY, methods/ HUMAN/ *THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, radiography/ THROMBOEMBOLISM, surgery

1108. **Bramhall JS, Morgan JI, Perris AD, et al:** The use of fluorescent probe to monitor alterations in trans-membrane potential in single cell suspensions. Biochem Biophys Res Commun 72(2):654–62, 20 SEP 76

A-23187, pharmacodynamics/ ANIMAL/ *B-LYMPHOCYTES, physiology/ BIOLOGICAL TRANSPORT, ACTIVE/ *BLOOD PLATELETS, physiology/ CALCIUM, metabolism/ CARBOCYANINES/ CELLS, CULTURED/ EGTA, pharmacodynamics/ HUMAN/ *MEMBRANE POTENTIALS/ MEMBRANE POTENTIALS, drug effects/ PHOSPHATES, metabolism/ POTASSIUM, metabolism/ RATS/ SODIUM, metabolism/ SPECTROMETRY, FLUORESCENCE/ T-LYMPHOCYTES, drug effects/ *T-LYMPHOCYTES, physiology/ VALINOMYCIN, pharmacodynamics

1109. **Bramis JP, Schanzer H, Taub RN:** Prolongation of rat renal allograft survival by cyclophosphamide and intravenous donor-specific antigens. Eur Surg Res 9(2):140–54, 1977

ANIMAL/ *ANTIGENS, administration & dosage/ BLOOD PLATELETS, immunology/ *CYCLOPHOSPHAMIDE, pharmacodynamics/ GRAFT VS HOST REACTION/ *GRAFT SURVIVAL/ GRAFT SURVIVAL, drug effects/ IMMUNITY, CELLULAR, drug effects/ INJECTIONS, INTRAVENOUS/ *KIDNEY, transplantation/ MALE/ RATS/ SKIN, transplantation/ SPLEEN, immunology/ TIME FACTORS/ TRANSPLANTATION, ALLOGENEIC/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1110. **Brancaccio L:** Studio della proteolisi nel siero e nelle secrezioni bronchiali nelle broncopneumopatie croniche ed in alcune forme di enfisema polmonare primitivo Arch Monaldi 30(5–6):363–77, Sep–Dec 75 (Eng. Abstr.) **(Ita)**

*BRONCHI, enzymology/ *BRONCHITIS, enzymology/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ MUCUS, enzymology/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, blood/ *PULMONARY EMPHYSEMA, enzymology

1111. **Brandstädter W:** Standardisierte Methoden der Blutgruppenserologie--Stand und Entwicklungstendenzen Z Gesamte Inn Med 32(2):23–6, 15 Jan 77 (Eng. Abstr.) **(Ger)**

ANTIBODY FORMATION/ ABO BLOOD-GROUP SYSTEM/ *BLOOD GROUPS/ BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION/ COOMBS' TEST/ ENGLISH ABSTRACT/ ERYTHROCYTES, immunology/ HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ RH-HR BLOOD-GROUP SYSTEM

1112. **Brandt LJ, Gomery P, Mitsudo SM, et al:** Disseminated intravascular coagulation in nonocclusive mesenteric ischemia: the lack of specificity of fibrin thrombi in intestinal infarction. Gastroenterology 71(6):954–7, Dec 76

BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENTERITIS, complications/ *FIBRIN/ HUMAN/ *INFARCTION, complications/ INFARCTION, pathology/ INTESTINAL DISEASES, pathology/ *INTESTINES, blood supply/ *ISCHEMIA, complications/ MESENTERIC VASCULAR OCCLUSION, complications/ MESENTERIC VASCULAR OCCLUSION, pathology/ *MESENTERY/ NECROSIS/ RETROSPECTIVE STUDIES/ *THROMBOSIS, etiology/ THROMBOSIS, pathology

1113. **Brandt M, Traub RF, Hofmann KD:** Beeinflussung der Thrombozytenfunktion durch hormonelle Kontrazeption Zentralbl Gynaekol 98(3):166–74, 1976 (Eng. Abstr.) **(Ger)**

BLOOD COAGULATION, drug effects/ CHLORMADINONE, pharmacodynamics/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *CONTRACEPTIVES, ORAL, HORMONAL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MESTRANOL, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ *THROMBELASTOGRAPHY

1114. **Brandt M, Traub RF, Niedner K, et al:** Funktion der Thrombozyten whrend Gestation und Puerperium sowie ihre Beziehungen zum Thrombosegeschehen Zentralbl Gynaekol 98(20):1237–48, 1976 (Eng. Abstr.) **(Ger)**

ENGLISH ABSTRACT/ FEMALE/ GESTATIONAL AGE/ HUMAN/ *LABOR COMPLICATIONS, blood/ PLATELET ADHESIVENESS/ *PLATELET AGGREGATION/ *PREGNANCY TOXEMIAS, blood/ PREGNANCY TOXEMIAS, complications/ PREGNANCY TRIMESTER, THIRD/ *PUERPERAL DISORDERS, blood/ THROMBELASTOGRAPHY/ *THROMBOEMBOLISM, etiology

1115. **Brandt M, Niedner W:** Thrombolytische Behandlung in der Schwangerschaft und unter der Geburt Folia Haematol (Leipz) 103(3):477–82, 1976 **(Ger)**

ADULT/ BLOOD COAGULATION DISORDERS, drug therapy/ FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEMODYNAMICS/ HEPARIN, therapeutic use/ HUMAN/ *LABOR COMPLICATIONS, drug therapy/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PREGNANCY/ PUERPERAL DISORDERS, drug therapy/ STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy

1116. **Branson HE, Wyatt LL, Schmer G:** Complement consumption in acute disseminated intravascular coagulation without antecedent immunopathology. Am J Clin Pathol 66(6):967–75, Dec 76

ACUTE DISEASE/ BLOOD COAGULATION TESTS/ COMPLEMENT 3, metabolism/ COMPLEMENT 4, metabolism/ *COMPLEMENT, metabolism/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, immunology/ FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ PLASMINOGEN, metabolism

1117. **Branson HE, Schmer G, Dillard DH:** Fibrinogen Seattle: a qualitatively abnormal fibrinogen in a patient with tetralogy of Fallot. Am J Clin Pathol 67(3):236–40, Mar 77

ADOLESCENCE/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION TESTS/ CASE REPORT/ *FIBRINOGEN/ HUMAN/ MALE/ *TETRALOGY OF FALLOT, complications

1118. **Brantner JH, Medicus RG, McRorie RA:** Fractionation of of proteolytic enzymes by affinity chromatography on sepharose aminocaproyl proflavin. J Chromatogr 129:97–105, 22 Dec 76

*ACRIDINES/ ACRIDINES, analogs & derivatives/ ACROSIN, isolation & purification/ AMINOCAPROIC ACIDS/ *CHROMATOGRAPHY, AFFINITY/ *PEPTIDE HYDROLASES, analysis/ *PROFLAVINE/ PROFLAVINE, analogs & derivatives/ PROTEIN BINDING/ RESINS, SYNTHETIC/ SEPHAROSE, analogs & derivatives/ SERINE

1119. **Brants F, Morisset J:** Tropic effect of cholecystokinin-pancreozymin on pancreatic acinar cells from rats of different ages. Proc Soc Exp Biol Med 153(3):523–7, Dec 76

*AGING/ AMYLASE, analysis/ ANIMAL/ BODY WEIGHT, drug effects/ *CHOLECYSTOKININ, pharmacodynamics/ CHYMOTRYPSIN, analysis/ DNA, analysis/ HYPERPLASIA, chemically induced/ HYPERTROPHY, chemically induced/ LIPASE, analysis/ ORGAN WEIGHT, drug effects/ PANCREAS, analysis/ *PANCREAS, drug effects/

PANCREAS, growth & development/ PROTEINS, analysis/ RATS/ RNA, analysis/ STIMULATION, CHEMICAL

1120. **Brash JL, Davidson VJ:** Adsorption of glass and polyethylene from solutions of fibrinogen and albumin. Thromb Res 9(3):249–59, Sep 76
ADSORPTION/ *ALBUMINS/ COMPARATIVE STUDY/ *FIBRINOGEN/ *GLASS/ KINETICS/ *POLYETHYLENES/ SURFACE PROPERTIES

1121. **Brass EP, Forman WB, Edwards RV, et al:** Fibrin formation: the role of the fibrinogen–fibrin monomer complex. Thromb Haemostas 36(1):37–48, 31 Aug 76
ANIMAL/ BUFFERS/ CATTLE/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ POLYMERS/ THROMBIN

1122. **Brass H, Lapp H:** Renale thrombotische Mikroangiopathie mit benigner Hypertonie und Urämie nach kontrazeptiver Hormontherapie Med Klin 71(39):1617–22, 24 Sep 76 (Eng. Abstr.) **(Ger)**
ADULT/ CASE REPORT/ *CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HEMODIALYSIS/ *HEMOLYTIC-UREMIC SYNDROME, chemically induced/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ *HYPERTENSION, etiology/ JUXTAGLOMERULAR APPARATUS, physiopathology/ KIDNEY GLOMERULUS, blood supply/ KIDNEY GLOMERULUS, pathology/ MICROCIRCULATION/ *NEPHROSCLEROSIS, chemically induced/ *UREMIA, chemically induced/ UREMIA, pathology/ UREMIA, therapy

1123. **Brater DC, Morrelli HF:** Cardiovascular drug interactions. Annu Rev Pharmacol Toxicol 17:293–309, 1977 (131 ref.)
ANTI-ARRHYTHMIA AGENTS, pharmacodynamics/ ANTICOAGULANTS, pharmacodynamics/ ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ BINDING SITES, drug effects/ *CARDIOVASCULAR SYSTEM, drug effects/ DIGITALIS GLYCOSIDES, pharmacodynamics/ DIURETICS, pharmacodynamics/ DRUG INTERACTIONS/ DRUGS, metabolism/ HUMAN/ INTESTINAL ABSORPTION, drug effects/ KIDNEY, drug effects/ KIDNEY, metabolism/ KINETICS/ RECEPTORS, DRUG, drug effects/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1124. **Bratic-Mikeś V, Mikeś A:** Venska tromboza i plučni trombolizam u malignim bolestima Med Pregl 30(1–2):93–5, 1977 **(Scc)**
HUMAN/ *NEOPLASMS, complications/ *PULMONARY EMBOLISM, etiology/ *THROMBOPHLEBITIS, etiology

1125. **Braude AI, Ziegler EJ, Douglas H, et al:** Antibody to cell wall glycolipid of Gram-negative bacteria: induction of immunity to bacteremia and endotoxemia. J Infect Dis 136 Suppl:S167–73, Aug 77
ANIMAL/ *ANTIBODIES, BACTERIAL/ *ANTITOXINS, therapeutic use/ ENTEROBACTERIACEAE INFECTIONS, therapy/ *ESCHERICHIA COLI, immunology/ IMMUNIZATION/ MICE/ PSEUDOMONAS INFECTIONS, therapy/ RABBITS/ *SEPTICEMIA, therapy/ SEROTHERAPY/ SHWARTZMAN PHENOMENON/ *TOXEMIA, therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1126. **Braude R, Altman R, Rouvier J, et al:** Immunoelectrophoretic studies on the kinetics of plasmic degradation of human fibrinogen. Thromb Haemostas 37(1):136–43, 28 Feb 77 (Eng. Abstr.)
ENGLISH ABSTRACT/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ *FIBRINOGEN, metabolism/ HUMAN/ IMMUNOELECTROPHORESIS

1127. **Brault B, Andreassian B, Parrot AM, et al:** Embolies pulmonaires avec shunt droit–gauche et embolie paradoxale Nouv Presse Med 5(38):2533–5, 13 NOV 76 **(Fre)**
CASE REPORT/ CYANOSIS, etiology/ DYSPNEA, etiology/ *HEART DISEASES, etiology/ *HEART SEPTUM/ HUMAN/ ISCHEMIA, etiology/ MALE/ *PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis

1128. **Braun F, Wernisch J, Spängler HP, et al:** Qualitative Analyse der Bindung von Fibrin in organischem Gewebe. Wien Klin Wochenschr 89(14):489–94, 15 Jul 77 (Eng. Abstr.) **(Ger)**
BINDING SITES/ CONNECTIVE TISSUE, metabolism/ ENGLISH ABSTRACT/ *FIBRIN, metabolism/ FIBRINOLYSIS/ HUMAN/ LIVER, metabolism/ MUSCLES, metabolism

1129. **Braun P, Meskó E, Gedeon A:** Die Bedeutung des Plasma–Protamin–Parakoagulationstests zur Erkennung thromboembolischer Erkrankungen Z Gesamte Inn Med 31(18):758–9, 15 Sep 76 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ENGLISH ABSTRACT/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ MYOCARDIAL INFARCT, blood/ *PROTAMINES, blood/ PULMONARY EMBOLISM, blood/ THROMBOEMBOLISM, blood/ *THROMBOEMBOLISM, diagnosis

1130. **Braunstein KM, Kinard HB, Hepfer TW, et al:** Regulation of the thrombin time in cirrhosis. Thromb Res 9(4):301–17, Oct 76
ANTITHROMBINS, metabolism/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ HEPARIN CO-FACTOR, metabolism/ HUMAN/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, POSTNECROTIC, blood/ PLASMINOGEN, metabolism/ PROTHROMBIN TIME/ *THROMBIN, metabolism/ THROMBOPLASTIN, metabolism/ THROMBOSIS, blood/ TIME FACTORS

1131. **Bray PJ, Ford D, Gledhill RM, et al:** Defibrination of normal human blood in vitro: a method giving a high recovery of untraumatized cells. Br J Haematol 35(4):551–9, Apr 77
*BLOOD CELLS/ CELL SEPARATION/ CELL SURVIVAL/ ERYTHROCYTES/ *FIBRIN/ HEMATOLOGY, instrumentation/ HEMATOLOGY, methods/ HUMAN/ IN VITRO/ LEUKOCYTES

1132. **Breckenridge AM, Roberts JB:** Clinical significance of microsomal enzyme induction. Pharmacol. Res Commun 8(3):229–42, Jun 76
ANTICOAGULANTS, pharmacodynamics/ BARBITURATES, pharmacodynamics/ BIOTRANSFORMATION/ CARCINOGENS/ COUMARINS, pharmacodynamics/ DRUG INTERACTIONS/ DRUG THERAPY, adverse effects/ *DRUGS, metabolism/ ENDOPLASMIC RETICULUM, drug effects/ ENDOPLASMIC RETICULUM, enzymology/ *ENZYME INDUCTION/ ENZYME INDUCTION, drug effects/ HUMAN/ *MICROSOMES, LIVER, enzymology/ POLYCYCLIC HYDROCARBONS, pharmacodynamics

1133. **Breckenridge RT, Rosenfeld SI, Graff KS, et al:** Hereditary C5 deficiency in man. III. Studies of hemostasis and platelet responses to zymosan. J Immunol 118(1):12–6, Jan 77
BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ COMPLEMENT 3, deficiency/ *COMPLEMENT 5, deficiency/ COMPLEMENT 6, deficiency/ COMPLEMENT 7, deficiency/ COMPLEMENT 8, deficiency/ *COMPLEMENT, deficiency/ EPINEPHRINE, pharmacodynamics/ *HEMOSTASIS, drug effects/ HUMAN/ *PLATELET AGGREGATION, drug effects/ RISTOCETIN, pharmacodynamics/ SEROTONIN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *ZYMOSAN, pharmacodynamics

1134. **Breda R, Bizzi B, Alfano G:** The effect of total parenteral nutrition on the blood coagulation profile. pp. 285–9. In: Manni C, ET AL., ED. Total parental alimentation. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.367

1976.
BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ CARBOHYDRATES, administration & dosage/ CARBOHYDRATES, adverse effects/ FATS, administration & dosage/ FATS, adverse effects/ HUMAN/ MONOGRAPH/ *PARENTERAL FEEDING/ *PARENTERAL HYPERALIMENTATION/ PARENTERAL HYPERALIMENTATION, adverse effects/ THROMBOSIS, etiology

1135. **Breddin K, Grun H, Krzywanek HJ, et al:** On the measurement of spontaneous platelet aggregation. The platelet aggregation test III. Methods and first clinical results. Thromb Haemostas 35(3):669–91, 30 Jun 76
AGE FACTORS/ *BLOOD COAGULATION TESTS, methods/ DIABETES MELLITUS, blood/ HUMAN/ PHOTOMETRY/ *PLATELET AGGREGATION/ THROMBOEMBOLISM, diagnosis/ THROMBOSIS, diagnosis/ TIME FACTORS

1136. **Breddin K, Lechner K, Brungswig D, et al:** Immunologische Bestimmung von Gerinnungsfaktoren und ihre Bedeutung in der Leberdiagnostik Z Gastroenterol [Verh] (8):154–62, 1976 **(Ger)**
ANTIBODY FORMATION/ *BLOOD COAGULATION FACTORS, analysis/ HEMOSTASIS/ HEPARIN, therapeutic use/ HUMAN/ LIVER DISEASES, blood/ *LIVER DISEASES, diagnosis/ LIVER DISEASES, drug therapy/ LIVER DISEASES, immunology

1137. **Breenberg DB, Barsh GS, Ho TS, et al:** Serum-stimulated phosphate uptake and initiation of fibroblast proliferation. J Cell Physiol 90(2):193–210, Feb 77
*BLOOD/ *CELL DIVISION/ CELL DIVISION, drug effects/ CELL LINE/ CHICK EMBRYO/ CULTURE MEDIA/ DEXAMETHASONE, pharmacodynamics/ DNA, biosynthesis/ FIBROBLASTS, cytology/ *FIBROBLASTS, metabolism/ HUMAN/ INSULIN, pharmacodynamics/ MICE/ *PHOSPHATES, metabolism/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1138. **Brégeat P:** Traumatische Läsionen des Chiasma opticum Klin Monatsbl Augenheilkd 170(3):374–9, Mar 77 (Eng. Abstr.) **(Ger)**
ARACHNOIDITIS, etiology/ ENGLISH ABSTRACT/ HEAD INJURIES, complications/ HEMATOMA, complications/ HEMIANOPSIA, etiology/ HUMAN/ *OPTIC CHIASM, injuries/ PAPILLEDEMA, etiology/ SKULL FRACTURES, complications/ VISUAL FIELDS

1139. **Brehelin M:** Sur la coagulation de l'hémolymphe chez Locusta migratoria. Ann Parasitol Hum Comp 52(1):98–9, Jan–Feb 77 **(Fre)**
ANIMAL/ BLOOD COAGULATION/ GLYCOPROTEINS, isolation & purification/ *GRASSHOPPERS, physiology/ HEMOCYTES, cytology/ HEMOLYMPH, analysis/ HEMOLYMPH, cytology/ *HEMOLYMPH, physiology/ *LOCUSTS, physiology

1140. **Breĭmaer GM:** O kliniko-immunobiokhimicheskoĭ kharakteristike gemorragicheskogo vaskulita u deteĭ Vopr Okhr Materin Det 22(4):60–1, Apr 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERSENSITIVITY, immunology/ INFANT/ MALE/ *PURPURA, immunology/ *PURPURA, SCHOENLEIN-HENOCH, immunology/ SYNDROME

1141. **Brener BJ, Brief DK, Alpert J, et al:** External femorosaphenous shunts for chronic hemodialysis: a shunt of last resort. Am Surg 43(9):565–72, Sep 77
ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ *ARTERIOVENOUS SHUNT, SURGICAL, methods/ CONSTRICTION, PATHOLOGIC/ *FEMORAL ARTERY/ *HEMODIALYSIS, methods/ HUMAN/ *SAPHENOUS VEIN/ THROMBOSIS, etiology

1142. **Brenn H, Imhoff E, Duckert F:** Wirkng verschiedener Sklerosierungsmittel auf einige Gerinnungsparameter in vitro und bei Patienten während Varizenverödung Vasa 5(3):199–202, 1976 (Eng. Abstr.) **(Ger)**
*BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *SCLEROSING SOLUTIONS, pharmacodynamics/ SCLEROSING SOLUTIONS, therapeutic use/ THROMBOSIS, chemically induced/ *VARICOSE VEINS, drug therapy

1143. **Brennan SO, Smith MB, Carrell RW:** Haemoglobin F Melbourne Ggamma 16 Gly leads to Arg and haemoglobin F carlton Ggamma 121 Glu leads to Lys. Further evidence for varied activity of gamma-chain genes. Biochim Biophys Acta 490(2):452–5, 22 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ARGININE/ *FETAL HEMOGLOBIN/ GLUTAMATES/ GLYCINE/ *HEMOGLOBINS, ABNORMAL/ HUMAN/ LYSINE/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN

1144. **Brennan TG, Giles GR, Rajah SM, et al:** Coagulation changes in sensitized canine renal allografts. Br J Surg 64(1):15–22, Jan 77
ANIMAL/ AZATHIOPRINE, pharmacodynamics/ *BLOOD COAGULATION/ CYTARABINE, pharmacodynamics/ DOGS/ GRAFT SURVIVAL, drug effects/ HEPARIN, pharmacodynamics/ IMMUNIZATION/ *KIDNEY, transplantation/ METHYLPREDNISOLONE, pharmacodynamics/ SKIN, transplantation/ TIME FACTORS/ TRANSPLANTATION, ALLOGENEIC

1145. **Bret P, Lecuire J, Lapras C, et al:** Hématome sous-dural et thérapeutique anticoagulante Neurochirurgie 22(6):603–20, 1976 (Eng. Abstr.) **(Fre)**
*ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ BISHYDROXYCOUMARIN, adverse effects/ CEREBRAL ANGIOGRAPHY/ CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ HEAD INJURIES, complications/ *HEMATOMA, SUBDURAL, chemically induced/ HEMATOMA, SUBDURAL, etiology/ HEMATOMA, SUBDURAL, radiography/ HEPARIN, adverse effects/ HUMAN/ PHENINDIONE, adverse effects/ PULMONARY EMBOLISM, prevention & control

1146. **Breton-Gorius J, Reyes F:** Ultrastructure of human bone marrow cell maturation. Int Rev Cytol 46:251–321, 1976 (313 ref.)
BASOPHILS, ultrastructure/ BLOOD PLATELETS, ultrastructure/ *BONE MARROW CELLS, ultrastructure/ CELL MEMBRANE, ultrastructure/ CELL NUCLEUS, ultrastructure/ CYTOPLASMIC GRANULES, ultrastructure/ DNA, analysis/ ENDOPLASMIC RETICULUM, enzymology/ EOSINOPHILS, ultrastructure/ ERYTHROBLASTS, immunology/ ERYTHROBLASTS, ultrastructure/ *ERYTHROPOIESIS/ GRANULOCYTES, ultrastructure/ HISTOCYTOCHEMISTRY/ HUMAN/ IRON, metabolism/ ISOANTIGENS, analysis/ LEUKEMIA, blood/ MACROPHAGES, ultrastructure/ MEGAKARYOCYTES, ultrastructure/ MONOCYTES, ultrastructure/ NEUTROPHILS, ultrastructure/ PEROXIDASES, analysis/ RETICULOCYTES, ultrastructure/ REVIEW

1147. **Breton-Gorius J, Guichard J:** Améliorations techniques permettant de révéler la peroxydase plaquettaire Nouv Rev Fr Hematol 16(3):381–9, 1976 (Eng. Abstr.) **(Fre)**
*BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, ultrastructure/ CHICKENS/ ENGLISH ABSTRACT/ FORMALDEHYDE/ GLUTARALDEHYDE/ *HISTOCYTOCHEMISTRY/ HUMAN/ MEGAKARYOCYTES, enzymology/ MICROSCOPY, ELECTRON/ MICROTUBULES/ *PEROXIDASES, blood/ *STAINS AND STAINING/ TANNIC ACID/ 3,3'-DIAMINOBENZIDINE

1148. **Brett M, Chambers GK, Holder AA, et al:** Mutational amino acid replacements in Neurospora crassa NADP-specific

glutamate dehydrogenase. J Mol Biol 106(1):1–22, 5 Sep 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMOSOME MAPPING/ CHYMOTRYPSIN/ *GLUTAMATE DEHYDROGENASE/ GLUTAMATE DEHYDROGENASE, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *MUTATION/ *NEUROSPORA CRASSA, enzymology/ *NEUROSPORA, enzymology/ NADP/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECIES SPECIFICITY/ TRYPSIN

1149. **Breuer A, Bourgeois M, Ewers KG, et al:** Die obstruierende Thrombose der Pulmonalarterie: Eine seltene, aber gerfährliche Spätkomplikation der Bändelungsoperation Z Kardiol 66(2):99–105, Feb 77 (Eng. Abstr.) **(Ger)**
CASE REPORT/ CHILD/ CYANOSIS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALE/ *POSTOPERATIVE COMPLICATIONS/ *PULMONARY ARTERY, surgery/ *THROMBOSIS/ TIME FACTORS/ TRANSPOSITION OF GREAT VESSELS, surgery

1150. **Breuninger H:** Pharmakologische Aspekte bei der Behandlung des Innenohres HNO 24(10):329–32, Oct 76 (Eng. Abstr.) **(Ger)**
BICARBONATES, pharmacodynamics/ BICARBONATES, therapeutic use/ DIURETICS, pharmacodynamics/ DIURETICS, therapeutic use/ DRUG THERAPY, adverse effects/ *EAR DISEASES, drug therapy/ ENGLISH ABSTRACT/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HISTAMINE H1 RECEPTOR BLOCKADERS, pharmacodynamics/ HISTAMINE H1 RECEPTOR BLOCKADERS, therapeutic use/ HUMAN/ *LABYRINTH, drug effects/ NICOTINIC ACIDS, pharmacodynamics/ NICOTINIC ACIDS, therapeutic use/ PROCAINE, pharmacodynamics/ PROCAINE, therapeutic use

1151. **Brewer GJ, Kruckeberg WC, Westover CJ, et al:** Erythrocyte metabolism. Prog Clin Biol Res 11:5–19, 1976 (26 ref.)
ADENOSINE TRIPHOSPHATE, blood/ BLOOD PRESERVATION/ *CARBOHYDRATES, blood/ DIPHOSPHOGLYCERIC ACIDS, blood/ *ERYTHROCYTES, metabolism/ FREEZING/ *GLYCOLYSIS/ HUMAN/ PURINES, blood/ REVIEW/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1152. **Briët E, Loeliger EA, Van Tilburg NH, et al:** Molecular variant of factor VII. Thromb Haemostas 35(2):289–94, 30 Apr 76
CROSS REACTIONS/ *FACTOR VII/ FACTOR VII, immunology/ FEMALE/ HUMAN/ *HYPOPROCONVERTINEMIA, blood/ HYPOPROCONVERTINEMIA, familial & genetic/ MALE/ NEUTRALIZATION TESTS/ PROTHROMBIN TIME/ *VARIATION (GENETICS)

1153. **Briggs DR, Proubsky ES, Teeslink R, et al:** Intramuscular hemangioma of the neck.
Trans Am Acad Ophthalmol Otolaryngol 84(1):148–51, Jan–Feb 77
ADOLESCENCE/ ADULT/ CASE REPORT/ FEMALE/ *HEAD AND NECK NEOPLASMS/ *HEMANGIOMA/ HUMAN/ MALE/ MUSCLES

1154. **Briggs M:** Thrombosis--perspective on a major side effect of oral contraceptives (letter). Med J Aust 2(1):30, 3 Jul 76
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ THROMBOPHLEBITIS, chemically induced/ *THROMBOSIS, chemically induced

1155. **Briggs M:** Thrombosis--perspective on a major side effect of oral contraceptives [letter]. Med J Aust 2(9):356, 28 Aug 76
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *THROMBOSIS, chemically induced

1156. **Brignon G, Ribadeau Dumas B, Mercier JC:** Premiers elements de structure primaire des caseines alphas2 bovines FEBS Lett 72(1):111–6, 15 Nov 76 (Eng. Abstr.) **(Fre)**
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *CASEIN/ CATTLE/ CYANOGEN BROMIDE/ ENGLISH ABSTRACT/ FEMALE/ PHOSPHORUS, analysis/ TRYPSIN

1157. **Brignon G, Ribadeau Dumas B, Mercier JC, et al:** Complete amino acid sequence of bovine alphaS2-casein.
FEBS Lett 76(2):274–9, 15 Apr 77
AMINO ACID SEQUENCE/ ANIMAL/ CARBOXYPEPTIDASES/ *CASEIN/ CATTLE/ CHYMOTRYPSIN/ FEMALE/ LEUCINE AMINOPEPTIDASE/ PEPTIDE FRAGMENTS, analysis/ SPECTRUM ANALYSIS, MASS/ TRYPSIN

1158. **Brill PW, Symchych P, Winchester P:** Capillary hemangioma of the lung. Radiological quiz. Radiology 124(1):184, 224, Jul 77
CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA, radiography/ HUMAN/ *LUNG NEOPLASMS, radiography

1159. **Brimhall B, Duerst M, Jones RT:** The amino acid sequence of dog (Canis familiaris) hemoglobin. J Mol Evol 9(3):231–5, 13 May 77
AMINO ACID SEQUENCE/ ANIMAL/ *DOGS, blood/ *HEMOGLOBINS/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1160. **Brimhall B, Stenzel P, Dresler SL, et al:** On the tryptic peptides from hemoglobin chains of six carnivores.
J Mol Evol 9(3):237–60, 13 May 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BEARS/ *CARNIVORA, blood/ CATS/ COMPARATIVE STUDY/ DOGS/ EVOLUTION/ FOXES/ *HEMOGLOBINS/ PEPTIDE FRAGMENTS, analysis/ RACCOONS/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1161. **Brinkmann B, Borgner M, von Bülow M:** Die Fettembolie der Lungen als Todesursache. Atiologie, Pathogenese und Beweisführung Z Rechtsmed 78(4):255–72, 1976 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ AUTOPSY/ EMBOLISM, FAT, etiology/ *EMBOLISM, FAT, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, pathology/ SHOCK, TRAUMATIC, complications/ WOUNDS AND INJURIES, complications

1162. **Briseid K, Korbu A, Johannesen S:** Separation of kininogens by gel filtration of plasminogen-free human plasma.
Acta Pharmacol Toxicol (Kbh) 39(4):401–11, 1976
ANIMAL/ *CHROMATOGRAPHY, GEL/ EDTA, pharmacodynamics/ FIBRINOLYSIN, pharmacodynamics/ HEAT/ HUMAN/ KALLIKREIN, blood/ KALLIKREIN, pharmacodynamics/ KININOGENS, blood/ *KININOGENS, isolation & purification/ KININOGENS, pharmacodynamics/ KININS, secretion/ MALE/ MOLECULAR WEIGHT/ PANCREAS/ SWINE

1163. **Briseid K, Qvigstad EK, Engelstad M, et al:** Assay of factors of the kinin system in plasma from patients with specific exogenous allergies. Acta Allergol (Kbh) 31(4):297–311, Aug 76
ACETONE, pharmacodynamics/ ADOLESCENCE/ ADULT/ ASTHMA, blood/ ASTHMA, enzymology/ ENZYME ACTIVATION, drug effects/ *ESTERASES, blood/ HUMAN/ *HYPERSENSITIVITY, blood/ HYPERSENSITIVITY, enzymology/ *KALLIKREIN, blood/ KALLIKREIN, pharmacodynamics/ *KALLIKREIN-TRYPSIN INACTIVATOR, blood/ KAOLIN, pharmacodynamics/ *KININS, blood/ *PREKALLIKREIN, blood

1164. **Briseid K, Falkum A, Qvigstad EK, et al:** Arginine esterase in cerebrospinal fluid and pro-arginine esterase in plasma from patients with migraine. Acta Neurol Scand 54(4):301–11, Oct 76
ADOLESCENCE/ ADULT/ ARGININE, analogs & derivatives/ BENZAMIDES/ *ENZYME PRECURSORS, blood/ ESTERASES, blood/

ESTERASES, cerebrospinal fluid/ *ESTERASES, metabolism/ FACTOR XII/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MIGRAINE, enzymology/ PREKALLIKREIN, blood

1165. **Brismar G, Brismar J:** Aseptic thrombosis of orbital veins and cavernous sinus. Clinical symptomatology. Acta Ophthalmol (Kbh) 55(1):9–22, Feb 77
AGED/ CASE REPORT/ *CAVERNOUS SINUS/ CAVERNOUS SINUS, radiography/ DIAGNOSIS, DIFFERENTIAL/ *EYE, blood supply/ FEMALE/ FUNDUS FLUORESCENCE PHOTOGRAPHY/ GLUCOCORTICOIDS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ OCULOMOTOR PARALYSIS, diagnosis/ PAIN/ PHLEBOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy

1166. **Brismar G, Brismar J:** Thrombosis of the intraorbital veins and cavernous sinus. Acta Radiol [Diagn] (Stockh) 18(2):145–53, March 77
ADULT/ AGED/ CASE REPORT/ *CAVERNOUS SINUS/ CAVERNOUS SINUS, radiography/ DIAGNOSIS, DIFFERENTIAL/ EYE DISEASES, diagnosis/ EYE, blood supply/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *ORBIT, blood supply/ PHLEBOGRAPHY/ *SINUS THROMBOSIS, radiography/ *THROMBOPHLEBITIS, radiography

1167. **Brita G, Sannino A, Scafuro M, et al:** Interazioni tra aprotinina, muscolatura striata e trasmissione neuro-muscolare. Ricerche sperimentali. Minerva Anestesiol 43(5):285–90, Mar 77 (Eng. Abstr.) **(Ita)**
ANIMAL/ DOGS/ ENGLISH ABSTRACT/ FROGS/ IN VITRO/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *MUSCLES, drug effects/ *NEURAL TRANSMISSION, drug effects/ *NEUROMUSCULAR JUNCTION, drug effects/ RATS/ SUCCINYLCHOLINE, pharmacodynamics/ TUBOCURARINE, pharmacodynamics

1168. **Britton BJ, Wood WG, Smith M, et al:** The effect of beta adrenergic blockade upon exercise-induced changes in blood coagulation and fibrinolysis. Thromb Haemostas 35(2):396–402, 30 Apr 76
*ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ADULT/ *BLOOD COAGULATION, drug effects/ EPINEPHRINE, blood/ *EXERTION/ FACTOR VIII, analysis/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ STRESS, blood

1169. **Britton BJ, Giddings JC, Brooks L, et al:** Fibrinolytic, factor VIII and pulse rate responses to repeated adrenaline infusion followed by haemorrhage. Thromb Haemostas 37(3):527–34, 30 Jun 77
ANIMAL/ BLOOD COAGULATION TESTS/ DOGS/ *EPINEPHRINE, pharmacodynamics/ *FACTOR VIII/ *FIBRINOLYSIS, drug effects/ HEMORRHAGE, chemically induced/ *PULSE/ TIME FACTORS

1170. **Brock JH, Arzabe F, Lampreave F, et al:** The effect of trypsin on bovine transferrin and lactoferrin. Biochim Biophys Acta 446(1):214–25, 28 Sep 76
ANIMAL/ CATTLE/ ELECTROPHORESIS, AGAR GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *LACTOFERRIN/ *LACTOGLOBULINS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *TRANSFERRIN/ *TRYPSIN/ TRYPSIN, pharmacodynamics

1171. **Brock JH, Arzabe FR:** Cleavage of differic bovine transferrin into two monoferric fragments. FEBS Lett 69(1):63–6, 15 Oct 76
ANIMAL/ CATTLE/ GEL DIFFUSION TESTS/ *IRON, analysis/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS, analysis/ SPECTROPHOTOMETRY/ *TRANSFERRIN/ TRYPSIN

1172. **Brock JH, Arzabe FR, Ortega F, et al:** The effect of limited proteolysis by trypsin and chymotrypsin on bovine colostral IgG1. Immunology 32(2):215–9, Feb 77
CATTLE/ *CHYMOTRYPSIN, pharmacodynamics/ *COLOSTRUM, immunology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *IGG/ IMMUNOELECTROPHORESIS/ IMMUNOENZYME TECHNICS/ IMMUNOGLOBULINS, FAB, analysis/ MOLECULAR WEIGHT/ *TRYPSIN, pharmacodynamics

1173. **Brock JH, Arzabe R, Piñeiro A, et al:** The effect of trypsin and chymotrypsin on the bactericidal activity and specific antibody activity of bovine colostrum. Immunology 32(2):207–13, Feb 77
ANTIBODIES, BACTERIAL/ CATTLE/ *CHYMOTRYPSIN, pharmacodynamics/ COLOSTRUM, immunology/ COMPLEMENT/ ESCHERICHIA COLI, immunology/ IGA, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOENZYME TECHNICS/ *TRYPSIN, pharmacodynamics

1174. **Brockway WJ, Fass DN:** The nature of the interaction between ristocetin-Willebrand factor VIII coagulant activity molecule. J Lab Clin Med 89(6):1295–1305, Jun 77
ANIMAL/ *BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ CALCIUM CHLORIDE, administration & dosage/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FACTOR VIII, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHODS/ PLATELET AGGREGATION, drug effects/ *RISTOCETIN, analysis/ RISTOCETIN, pharmacodynamics/ SODIUM CHLORIDE, administration & dosage/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND FACTOR, analysis/ VON WILLEBRAND FACTOR, isolation & purification/ VON WILLEBRAND'S DISEASE, blood

1175. **Brodman RF, Sarg M, Veith FJ, et al:** Dextran 40-induced coagulopathy confused with von Willebrand disease. Arch Surg 112(3):321–2, Mar 77
BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION DISORDERS, diagnosis/ CASE REPORT/ *DEXTRAN, adverse effects/ DIAGNOSIS, DIFFERENTIAL/ HEMOPHILIA, chemically induced/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE/ *VON WILLEBRAND'S DISEASE, diagnosis

1176. **Brodner RA, Vangilder JC, Collins WF Jr:** The effect of antifibrinolytic therapy in experimental spinal cord trauma. J Trauma 17(1):48–54, Jan 77
*AMINOCAPROIC ACIDS, therapeutic use/ ANIMAL/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CATS/ *DISEASE MODELS, ANIMAL/ ELECTRIC STIMULATION/ MOVEMENT DISORDERS, drug therapy/ PARAPLEGIA, drug therapy/ REFLEX/ *SPINAL CORD INJURIES, drug therapy/ SPINAL CORD INJURIES, pathology/ SPINAL CORD, pathology/ *6-AMINOCAPROIC ACID, therapeutic use

1177. **Brodov LE, Maleev VV:** O sluchae sal'monelleza, oslozhnennogo trombotsitopeniei Klin Med (Mosk) 55(2):142–4, Feb 77 **(Rus)**
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *SALMONELLA FOOD POISONING, complications/ *THROMBOPENIA, etiology

1178. **Brodsky I, Fuscaldo AA, Erlick BJ, et al:** Effect of busulfan on oncornavirus-like activity in platelets and chromosomes in polycythemia vera and essential thrombocythemia. J Natl Cancer Inst 59(1):61–7, Jul 77
AGED/ ANEUPLOIDY/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, microbiology/ *BUSULFAN, pharmacodynamics/ *CHROMOSOMES, drug effects/ FEMALE/ HUMAN/ *ONCOGENIC VIRUSES, drug effects/ ONCOGENIC VIRUSES, enzymology/ POLYCYTHEMIA VERA, blood/ *POLYCYTHEMIA VERA, drug therapy/ POLYCYTHEMIA VERA, familial & genetic/ POLYCYTHEMIA VERA, microbiology/ REVERSE TRANSCRIPTASE, analysis/ THROMBOCYTOSIS, blood/ *THROMBOCYTOSIS, drug therapy/ THROMBOCYTOSIS, familial & genetic/

THROMBOCYTOSIS, microbiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1179. **Brody JI, Levison SP, Jung CJ:** Sickle cell trait and hematuria associated with von Willebrand syndromes. Ann Intern Med 86(5):529–33, May 77
ADOLESCENCE/ ADULT/ *ANEMIA, SICKLE CELL, etiology/ ANTIGENS/ BLOOD COAGULATION TESTS/ CASE REPORT/ FACTOR VIII, analysis/ FEMALE/ *HEMATURIA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *SICKLE CELL TRAIT, etiology/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *VON WILLEBRAND'S DISEASE, complications

1180. **Brogden RN, Pinder RM, Speight TM, et al:** Fenoprofen: a review of its pharmacological properties and therapeutic efficacy in rheumatic diseases. Drugs 13(4):241–65, Apr 77
ANALGESICS AND ANTIPYRETICS/ ANIMAL/ ANTI-INFLAMMATORY AGENTS/ ARTHRITIS, RHEUMATOID, drug therapy/ BLOOD PLATELETS, drug effects/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DRUG INTERACTIONS/ ERYTHEMA, physiopathology/ FENOPROFEN, adverse effects/ FENOPROFEN, metabolism/ *FENOPROFEN, pharmacodynamics/ FENOPROFEN, therapeutic use/ GASTRIC MUCOSA, drug effects/ GOUT, drug therapy/ HUMAN/ INTESTINAL MUCOSA, drug effects/ KINETICS/ OSTEOARTHRITIS, drug therapy/ *PHENYLPROPIONATES, pharmacodynamics/ PROSTAGLANDINS, metabolism/ *RHEUMATISM, drug therapy/ SPONDYLITIS, ANKYLOSING, drug therapy/ TIME FACTORS/ UTERINE CONTRACTION, drug effects

1181. **Brogioni M, Biancalani L, Albertazzi M:** La determinazione immunologica della antitrombina III. Differenza nelle concentrazione siero-plasmatiche e determinazione in soggetli in trattamento con farmaci contracettivi ormonali orali Quad Sclavo Diagn 12(3):288–94, Sep 76 (Eng. Abstr.) **(Ita)**
ADULT/ ANTIBODY FORMATION, drug effects/ *ANTITHROMBINS, immunology/ *CONTRACEPTIVES, ORAL, blood/ *CONTRACEPTIVES, ORAL, HORMONAL, blood/ CONTRACEPTIVES, ORAL, HORMONAL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PLATELET AGGREGATION, drug effects

1182. **Broks PD, Den Herder BA:** Pulmonary lesions caused by blunt chest injury. Radiol Clin (Basel) 46(4):275–80, 1977
HEMATOMA, etiology/ HEMOPNEUMOTHORAX, etiology/ HUMAN/ *LUNG DISEASES, etiology/ RESPIRATORY DISTRESS SYNDROME, ADULT, etiology/ RIB FRACTURES, etiology/ *THORACIC INJURIES, complications/ THORACIC INJURIES, radiography/ *WOUNDS, NONPENETRATING, complications/ WOUNDS, NONPENETRATING, radiography

1183. **Bronner A, Risse JF, Flament J:** Boucles vasculaires prepapillaires et thrombose de la veine centrale de la retine Rev Otoneuroophtalmol 48(4):249–56, Jul-Sep 76 **(Fre)**
ADULT/ CASE REPORT/ FLUORESCENCE ANGIOGRAPHY/ HUMAN/ MALE/ RETINAL VEIN, abnormalities/ RETINAL VEIN, pathology/ *RETINAL VEIN, radiography/ THROMBOSIS, pathology/ *THROMBOSIS, radiography

1184. **Brosious EM, Morrison BY, Schmidt RM:** Effects of hemoglobin F levels, KCN, and storage on the isopropanol precipitation test for unstable hemoglobins. Am J Clin Pathol 66(5):878–82, Nov 76
ADULT/ *ALCOHOL, PROPYL/ *BLOOD PRESERVATION/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SPECIMEN COLLECTION/ *CYANIDES/ FALSE POSITIVE REACTIONS/ *FETAL HEMOGLOBIN, analysis/ *HEMOGLOBINOMETRY/ HEMOGLOBINS, ABNORMAL, analysis/ HUMAN/ INFANT, NEWBORN/ METHEMOGLOBIN, analysis/ TEMPERATURE/ TIME FACTORS

1185. **Brosstad F, Godal HC:** Qualitative changes in fibrinogen following exposure to agents used for preparation of fibrin monomers. Haemostasis 6(3):149–56, 1977
*ACETIC ACIDS, pharmacodynamics/ BLOOD COAGULATION TESTS/ *BROMIDES, pharmacodynamics/ CHROMATOGRAPHY, AGAROSE/ COMPARATIVE STUDY/ *FIBRIN/ *FIBRINOGEN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ SOLUBILITY/ *UREA, pharmacodynamics

1186. **Brotherton J:** The splitting of sperm heads from tails in eight mammalian species and the measurement of their sizes. Andrologia 9(1):1–14, Jan-Mar 77
ANIMAL/ CATTLE/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ GUINEA PIGS/ HAMSTERS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ MICE/ MONKEYS/ PRONASE, pharmacodynamics/ RABBITS/ RHESUS MONKEYS/ SPECIES SPECIFICITY/ *SPERM HEAD/ SPERM HEAD, drug effects/ *SPERM TAIL/ SPERM TAIL, drug effects/ *SPERMATOZOA/ SPERMATOZOA, drug effects/ SWINE/ TRYPSIN, pharmacodynamics/ ULTRASONICS

1187. **Brotherus J, Niinioja T, Sandelin K, et al:** Experimentally caused proliferation of lysosomes in cultured BHK cells involving an increase of biphosphatidic acids and triglycerides. J Lipid Res 18(3):379–88, May 77
ACID PHOSPHATASE, metabolism/ CELL LINE/ FATTY ACIDS, pharmacodynamics/ KINETICS/ LIPIDS, metabolism/ LYSOSOMES, drug effects/ *LYSOSOMES, physiology/ LYSOSOMES, ultrastructure/ MICROSCOPY, ELECTRON/ OLEIC ACIDS, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ *PHOSPHATIDIC ACIDS, biosynthesis/ PHOSPHOLIPIDS, metabolism/ RIBONUCLEASE, metabolism/ SUCCINATE DEHYDROGENASE, metabolism/ *TRIGLYCERIDES, biosynthesis

1188. **Broun GB:** Chemically aggregated enzymes. Methods Enzymol 44:263–80, 1976
BINDING SITES/ CARBOXY-LYASES/ CHYMOTRYPSIN/ COMPARATIVE STUDY/ *ENZYMES, IMMOBILIZED/ EVALUATION STUDIES/ GLUTARALDEHYDE/ KINETICS/ LYSINE/ MACROMOLECULAR SYSTEMS/ METHODS/ OXIDOREDUCTASES/ PROTEIN BINDING/ TRYPSIN

1189. **Broustet JP, Boisseau M, Bouloumie J, et al:** Influence de l'effort aigu et de l'entraînement physique sur la fonction plaquettaire du coronarien Arch Mal Coeur 69(3):305–13, Mar 76 (Eng. Abstr.) **(Fre)**
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, physiology/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ *EXERTION/ FIBRINOGEN, analysis/ HUMAN/ LIPIDS, blood/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION, drug effects

1190. **Brown C, Dhurandhar HN, Barrett J, et al:** Progression and resolution of changes in pulmonary function and structure due to pulmonary microembolism and blood transfusion. Ann Surg 185(1):92–99, Jan 77
ANIMAL/ BLOOD GAS ANALYSIS/ DOGS/ *EXCHANGE TRANSFUSION, adverse effects/ FILTRATION, instrumentation/ LUNG, pathology/ *LUNG, physiopathology/ OXYGEN CONSUMPTION/ PULMONARY CIRCULATION/ PULMONARY DIFFUSING CAPACITY/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, pathology/ *PULMONARY EMBOLISM, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1191. **Brown JB:** Platelet MAO and alcoholism. Am J Psychiatry 134(2):206–7, Feb 77
ADULT/ AGED/ ALCOHOLISM, blood/ *ALCOHOLISM, enzymology/ *BLOOD PLATELETS, enzymology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ REMISSION/ TIME FACTORS

1192. **Brown M, Kiehn D:** Protease effects on specific growth properties of normal and transformed baby hamster kidney

cells. Proc Natl Acad Sci USA 74(7):2874–8, Jul 77
AGAR/ CELL ADHESION, drug effects/ *CELL DIVISION, drug effects/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC, pathology/ CONTACT INHIBITION, drug effects/ CULTURE MEDIA/ FIBROBLASTS/ PEPSIN, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ PRONASE, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1193. **Brown MS, Ho YK, Goldstein JL:** The low-density lipoprotein pathway in human fibroblasts: relation between cell surface receptor binding and endocytosis of low-density lipoprotein. Ann NY Acad Sci 275:244–57, 1976
BINDING SITES/ CHOLESTEROL, metabolism/ *ENDOCYTOSIS/ FIBROBLASTS, metabolism/ HEPARIN, physiology/ HUMAN/ HYPERCHOLESTEREMIA, metabolism/ *LIPOPROTEINS, LDL, metabolism/ PINOCYTOSIS/ RECEPTORS, DRUG, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1194. **Brown NA, Jähnchen E, Müller WE, et al:** Optical studies on the mechanism of the interaction of the enantiomers of the antiocagulant drugs phenprocoumon and warfarin with human serum albumin. Mol Pharmacol 13(1):70–9, Jan 77
CIRCULAR DICHROISM/ COTTON EFFECT/ DIALYSIS/ HUMAN/ *PHENPROCOUMON, blood/ PROTEIN BINDING/ *SERUM ALBUMIN, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STEREOISOMERS/ *WARFARIN, blood/ *4-HYDROXYCOUMARINS, blood

1195. **Brown P:** The influence of smoking on pancreatic function in man. Med J Aust 2(8):290–3, 21 Aug 76
BICARBONATES, analysis/ DUODENUM, analysis/ DUODENUM, enzymology/ FEMALE/ HUMAN/ MALE/ PANCREATIC JUICE, analysis/ PANCREATIC JUICE, enzymology/ *PANCREATIC JUICE, secretion/ *SMOKING, physiopathology/ TRYPSIN, analysis

1196. **Brown RL, Clark RW, Chiu JF, et al:** Protease activation of G1 nuclei isolated from Chinese hamster fibroblasts. Exp Cell Res 104(1):207–13, Jan 77
*CELL DIVISION/ CELL LINE/ CELL NUCLEUS, drug effects/ *CELL NUCLEUS, metabolism/ *DNA, biosynthesis/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1197. **Brown RS, Niewiarowski S, Stewart GJ, et al:** A double-isotope study on incorporation of platelets and red cells into fibrin. J Lab Clin Med 90(1):130–40, Jul 77
BLOOD CELL COUNT/ *BLOOD PLATELETS, metabolism/ CHROMIUM RADIOISOTOPES, diagnostic use/ ERYTHROCYTE AGGREGATION/ *ERYTHROCYTES, metabolism/ *FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FORMALIN/ HUMAN/ IN VITRO/ IODINE RADIOISOTOPES, diagnostic use/ ISOTOPE LABELING/ MICROSPHERES/ PLATELET AGGREGATION, drug effects/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1198. **Brown SA, Sampathkumar S:** The biosynthesis of isopimpinellin. Can J Biochem 55(7):686–92, Jul 77
CARBON RADIOISOTOPES/ CELLS, CULTURED/ *COUMARINS, biosynthesis/ COUMARINS, isolation & purification/ COUMARINS, metabolism/ FICUSIN, analogs & derivatives/ *FICUSIN, biosynthesis/ FICUSIN, metabolism/ ISOTOPE LABELING/ METHYLTRANSFERASES, metabolism/ *PLANTS, metabolism/ SPECIES SPECIFICITY

1199. **Brown WM, Axelrad AA:** Effect of Friend leukemia virus on megakaryocytes and platelets in mice. Int J Cancer 18(6):764–73, 15 Dec 76
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ BONE MARROW CELLS, metabolism/ DNA, biosynthesis/ FEMALE/ *FRIEND VIRUS/ *MEGAKARYOCYTES/ MEGAKARYOCYTES, metabolism/ MICE/ MICE, INBRED C3H/ SPECTROPHOTOMETRY/ SPLEEN, cytology

1200. **Browse NL, Clemenson G, Bateman NT, et al:** Effect of intravenous dextran 70 and pneumatic leg compression on incidence of postoperative pulmonary embolism. Br Med J 2(6047):1281–4, 27 Nov 76
*DEXTRAN, therapeutic use/ EVALUATION STUDIES/ FIBRINOGEN/ HUMAN/ *LEG, blood supply/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PRESSURE/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, prevention & control/ RADIONUCLIDE IMAGING/ THROMBOPHLEBITIS, prevention & control/ TIME FACTORS

1201. **Browse NL, Gray L, Morland M:** Changes in the blood fibrinolytic activity after surgery (the effect of deep vein thrombosis and malignant disease. Br J Surg 64(1):23–7, Jan 77
FIBRINOLYSIS/ HUMAN/ *NEOPLASMS, blood/ *SURGERY, OPERATIVE/ *THROMBOPHLEBITIS, blood/ TIME FACTORS

1202. **Browse NL, Gray L, Jarrett PE, et al:** Blood and vein-wall fibrinolytic activity in health and vascular disease. Br Med J 1(6059):478–81, 19 Feb 1977
*FIBRINOLYSIS/ HUMAN/ NEOPLASMS, physiopathology/ VASCULAR DISEASES, blood/ *VASCULAR DISEASES, physiopathology/ *VEINS, physiology/ VEINS, physiopathology

1203. **Browse NL:** Personal views on published facts. What should I do about deep vein thrombosis and pulmonary embolism? Ann R Coll Surg Engl 59(2):138–42, Mar 77
DEXTRAN, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ PHLEBOGRAPHY/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, prevention & control/ *PULMONARY EMBOLISM, therapy/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, prevention & control/ *THROMBOPHLEBITIS, therapy

1204. **Browse NL, Jarrett PE:** Fibrinolytic activity in health and vascular disease [letter]. Br Med J 1(6067):1028–9, 16 Apr 77
AGE FACTORS/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ MALE/ SEX FACTORS/ *VASCULAR DISEASES, blood

1205. **Browse NL:** The prevention of deep vein thrombosis and pulmonary embolism by pharmacological methods. Triangle 16(1):29–32, 1977
DEXTRAN, therapeutic use/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ PHENINDIONE, therapeutic use/ *PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

1206. **Brozovic M, Bangham DR:** Standards for heparin. pp. 49–57.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
BIOLOGICAL ASSAY/ HEPARIN CO-FACTOR, metabolism/ HEPARIN, analysis/ *HEPARIN, standards/ HEPARIN, pharmacodynamics/ MONOGRAPH/ STATISTICS

1207. **Brozovic M, Chakrabarti R, Stirling Y, et al:** Factor V in an industrial population. Br J Haematol 33(4):543–50, Aug 76
ADULT/ AGING/ BLOODLETTING/ *FACTOR V, analysis/ FEMALE/ HUMAN/ *INDUSTRY/ LONDON/ MALE/ MIDDLE AGE/ NEGROID RACE/ NORMAL VALUES/ *POPULATION/ SEX FACTORS

1208. **Brubacher G:** Early signs of deficiencies of fat-soluble vitamins. Bibl Nutr Dieta (23):51–60, 1976 (22 ref.)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANIMAL/ CHILD/ FEMALE/ HUMAN/ LIPIDS, blood/ MALE/ MIDDLE AGE/ REVIEW/ SEX FACTORS/ *VITAMIN A DEFICIENCY/ VITAMIN A DEFICIENCY, diagnosis/ VITAMIN A DEFICIENCY,

metabolism/ *VITAMIN D DEFICIENCY/ VITAMIN D DEFICIENCY, diagnosis/ VITAMIN D DEFICIENCY, metabolism/ *VITAMIN E DEFICIENCY/ VITAMIN E DEFICIENCY, diagnosis/ VITAMIN E DEFICIENCY, metabolism/ *VITAMIN K DEFICIENCY/ VITAMIN K DEFICIENCY, diagnosis/ VITAMIN K DEFICIENCY, metabolism

1209. **Bruck SD:** Interactions of synthetic and natural surfaces with blood in the physiological environment. J Biomed Mater Res 11(1):1–21, Jan 77
*BIOCOMPATIBLE MATERIALS/ BLOOD COAGULATION/ BLOOD FLOW VELOCITY/ BLOOD PLATELETS, physiology/ BLOOD PROTEINS, physiology/ *BLOOD/ ELECTRIC CONDUCTIVITY/ GELS/ OXYGENATORS, MEMBRANE, instrumentation/ PLATELET ADHESIVENESS/ *POLYMERS

1210. **Bruck SD:** Considerations of species-related hematological differences on the evaluation of biomaterials. Biomater Med Devices Artif Organs 5(1):97–113, 1977
ANIMAL/ *BIOCOMPATIBLE MATERIALS/ BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ *BLOOD/ BLOOD, physiology/ CATTLE/ COMPARATIVE STUDY/ DOGS/ GOATS/ HUMAN/ MONKEYS/ OSMOTIC FRAGILITY/ RABBITS/ SHEEP/ SPECIES SPECIFICITY/ SWINE

1211. **Brücknerová O, Komínek Z, Nagy J, et al:** K etiopatogenezi žilních trombóz Vnitr Lek 22(11):1091–5, Nov 76 (Eng. Abstr.) **(Cze)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERLIPEMIA, complications/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, etiology

1212. **Brugh M Jr:** Reactivation of Newcastle Disease Virus Neutralized by Antibody. J Clin Microbiol 5(4):410–5, Apr 77
*ANTIBODIES, VIRAL/ ANTIGEN-ANTIBODY COMPLEX/ FLUOROCARBONS, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ NEUTRALIZATION TESTS/ NEWCASTLE DISEASE VIRUS, drug effects/ NEWCASTLE DISEASE VIRUS, immunology/ *NEWCASTLE DISEASE VIRUS, isolation & purification/ PAPAIN, metabolism/ SONICATION/ TISSUE CULTURE/ TRYPSIN, metabolism

1213. **Bruhn HD, Heimburger N:** Factor-VIII-related antigen and cold-insoluble globulin in leukemias and carcinomas. Haemostasis 5(3):189–92, 1976
*ANTIGENS/ *FACTOR VIII, immunology/ HUMAN/ *LEUKEMIA, immunology/ *NEOPLASMS, immunology/ SERUM GLOBULINS

1214. **Bruhn HD, Albert JP, Petermann W:** Wirkungsweise und Kontrolle von niedrig dosiertem Heparin Med Klin 72(9):349–52, 4 Mar 77 (Eng. Abstr.) **(Ger)**
ARTERIAL OCCLUSIVE DISEASES, complications/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FIBRINOGEN/ HALF-LIFE/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ HUMAN/ IODINE RADIOISOTOPES/ THROMBIN, diagnostic use/ THROMBOSIS, complications/ THROMBOSIS, prevention & control

1215. **Bruhn HD, Jipp P, Ravens KG:** Plasma and platelet phospholipids in normal subjects and in patients with chronic arterial obliterations. Haemostasis 6(3):197–202, 1977
*ARTERIAL OCCLUSIVE DISEASES, blood/ *BLOOD PLATELETS, analysis/ CHRONIC DISEASE/ ETHANOLAMINES, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PHOSPHOLIPIDS, blood/ PLATELET AGGREGATION

1216. **Bruhn HD:** Faktor VIII-assoziiertes Protein und kälteunlösilches Globulin bei Leukämien und Tumoren. Verh Dtsch Ges Inn Med 82 Pt 2:1652–4, 1976 **(Ger)**
COLD/ *FACTOR VIII, isolation & purification/ HUMAN/ *LEUKEMIA, blood/ *NEOPLASMS, blood/ *SERUM GLOBULINS, isolation & purification/ SOLUBILITY

1217. **Brun B, Vernant JP, Reyes F, et al:** Leucémie aiguë monoblastique. Aspects cliniques et thérapeutiques de 20 cas Ann Med Interne (Paris) 127(11):807–12, Nov 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ ANTINEOPLASTIC AGENTS, therapeutic use/ CYTARABINE, therapeutic use/ DAUNOMYCIN, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ GINGIVA, pathology/ HUMAN/ HYPOKALEMIA, etiology/ LEUKEMIA, MONOBLASTIC, blood/ *LEUKEMIA, MONOBLASTIC, pathology/ LEUKEMIA, MONOBLASTIC, therapy/ MALE/ MIDDLE AGE/ MURAMIDASE, metabolism/ POTASSIUM, urine/ SPLENOMEGALY, etiology

1218. **Brunette DM, Melcher AH, Moe HK:** Culture and origin of epithelium-like and fibroblast-like cells from porcine periodontal ligament explants and cell suspensions. Arch Oral Biol 21(7):393–400, 1976
ANIMAL/ *CELLS, CULTURED, cytology/ CELLS, CULTURED, drug effects/ CELLS, CULTURED, metabolism/ CITRATES, pharmacodynamics/ CYTOLOGICAL TECHNICS/ DNA, biosynthesis/ EPITHELIAL CELLS, cytology/ EPITHELIAL CELLS, drug effects/ EPITHELIAL CELLS, metabolism/ FIBROBLASTS, cytology/ FIBROBLASTS, drug effects/ FIBROBLASTS, metabolism/ *PERIODONTAL LIGAMENT, cytology/ PERIODONTAL LIGAMENT, drug effects/ PERIODONTAL LIGAMENT, metabolism/ SODIUM CHLORIDE, pharmacodynamics/ SWINE/ TRYPSIN, pharmacodynamics

1219. **Brunetti A, Schivazappa L, Volta SD, et al:** La viscosita' ematica e plasmatica nelle cardiopatie congenite cianotiche G Ital Cardiol 7(3):221–32, 1977 (Eng. Abstr.) **(Ita)**
ADOLESCENCE/ ADULT/ *BLOOD VISCOSITY/ CHILD/ CHILD, PRESCHOOL/ CYANOSIS, blood/ DUCTUS ARTERIOSUS, PATENT, blood/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, isolation & purification/ FIBRINOLYSIS/ *HEART DEFECTS, CONGENITAL, blood/ HEMATOCRIT/ HUMAN/ HYPERTENSION, PULMONARY, blood/ INFANT/ MALE/ TETRALOGY OF FALLOT, blood

1220. **Brunner H, Veriá M, Polterauer P, et al:** Effect of pirenzepine, a new gastric acid-inhibiting agent, on exocrine pancreatic secretion in man. Arzneim Forsch 27(3):684–7, 1977
*BENZODIAZEPINES, pharmacodynamics/ DEPRESSION, CHEMICAL/ *GASTRIC JUICE, secretion/ HUMAN/ LIPASE, secretion/ PANCREAS, drug effects/ PANCREAS, enzymology/ *PANCREAS, secretion/ PANCREATIC JUICE, secretion/ PIPERAZINES/ SECRETIN, pharmacodynamics/ TIME FACTORS/ TRYPSIN, secretion

1221. **Brunner KW, Sonntag RW, Ryssel HJ, et al:** Comparison of the biologic activity of VP-16-213 given iv and orally in capsules or drink ampules. Cancer Treat Rep 60(9):1377–9, Sep 76
ADMINISTRATION, ORAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ COMPARATIVE STUDY/ HUMAN/ INFUSIONS, PARENTERAL/ LEUKOCYTES, drug effects/ *PODOPHYLLOTOXIN, analogs & derivatives/ VP 16-213, administration & dosage/ VP 16-213, adverse effects/ *VP 16-213, pharmacodynamics

1222. **Brunner U:** Chirurgische Behandlungsmöglichkeiten des postthrombotischen Syndroms Chirurg 47(3):118–21, Mar 76 **(Ger)**
ARTERIOVENOUS SHUNT, SURGICAL/ BANDAGES/ HUMAN/ LIGATION/ METHODS/ SYNDROME/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, surgery

1223. **Brunner U:** Aspects chirurgicaux de la thrombose axillaire d'effort aigue Phlebologie 30(1):51–5, Jan-Mar 77 **(Fre)**
*AXILLARY VEIN/ AXILLARY VEIN, surgery/

*EXERTION/ HUMAN/ METHODS/ *SCALENUS ANTICUS SYNDROME, complications/ *THROMBOPHLEBITIS, surgery

1224. **Brunswig D, Liehr H, Thiel H, et al:** Veränderungen des Faktor VIII-assoziierten Antigens bei Lebererkrankungen--Ursache und Bedeutung. Verh Dtsch Ges Inn Med 82 Pt 1:425-9, 1976 **(Ger)**
ANTIGENS/ *FACTOR VIII, biosynthesis/ HUMAN/ LIVER DISEASES, immunology/ *LIVER DISEASES, metabolism/ PHAGOCYTOSIS

1225. **Brust JC:** Transient ischemic attacks: natural history and anticoagulation. Neurology (Minneap) 27(8):701-7, Aug 77 (69 ref.)
*ANTICOAGULANTS, therapeutic use/ *CEREBRAL ISCHEMIA, TRANSIENT/ CEREBRAL ISCHEMIA, TRANSIENT, complications/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, mortality/ CEREBROVASCULAR DISORDERS, etiology/ HUMAN/ NERVOUS SYSTEM DISEASES, etiology/ PROGNOSIS/ REVIEW

1226. **Brutel de la Rivière A, Verhoef-Karssen PR, Bosma A, et al:** Specific antisera against human blood cells applicable in the indirect immunofluorescence technique. Scand J Immunol 5(9):1065-74, 1976
ABSORPTION/ ANTIBODY SPECIFICITY/ *BLOOD CELLS, immunology/ BLOOD PLATELETS, immunology/ CELL MEMBRANE, immunology/ ERYTHROCYTES, immunology/ *FLUORESCENT ANTIBODY TECHNIC, methods/ GRANULOCYTES, immunology/ HUMAN/ *IMMUNE SERUMS/ IMMUNIZATION/ LYMPHOCYTES, immunology/ MONOCYTES, immunology/ NEUTROPHILS, immunology

1227. **Bryan LR Jr:** Uses of frozen-thawed erythrocytes in a community hospital. Prog Clin Biol Res 11:109-20, 1976
ADULT/ BLOOD BANKS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CASE REPORT/ *ERYTHROCYTES/ ERYTHROCYTES, physiology/ FEMALE/ FREEZING/ HUMAN/ MALE/ METHODS/ QUALITY CONTROL/ RH-HR BLOOD-GROUP SYSTEM

1228. **Bryant AR, Lesch M:** Posterior aortic thrombosis in a cat. Vet Med Small Anim Clin 72(1):48-9, Jan 77
ANIMAL/ *AORTIC DISEASES, veterinary/ CASE REPORT/ *CAT DISEASES/ CATS/ FEMALE/ *THROMBOSIS, veterinary

1229. **Bryant LR Jr:** The large scale use of frozen blood by the hospital blood bank. Am J Med Technol 43(8):785-9, Aug 77
*BLOOD BANKS/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION, AUTOLOGOUS/ *FREEZING/ HOSPITAL UNITS/ HUMAN/ QUALITY CONTROL

1230. **Bryant RW Jr, Bentley R:** Menaquinone biosynthesis: conversion of o-succinylbenzoic acid to 1,4-dihydroxy-2-naphthoic acid and menaquinones by Escherichia coli extracts. Biochemistry 15(22):4792-6, 2 Nov 76
BENZOATES, metabolism/ *ESCHERICHIA COLI, metabolism/ *HYDRO-LYASES, metabolism/ NAPHTHOLS, metabolism/ PHENYLBUTYRATES, metabolism/ QUINONES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, analogs & derivatives/ VITAMIN K, biosynthesis

1231. **Brzecki A, Gruszka A, Kornobis J:** Przymusowe ruchy pionowe oczu ('ocular bobbing'). Neuropatol Pol 15(3):417-25, Jul-Sep 77 (Eng. Abstr.) **(Pol)**
ADULT/ BASILAR ARTERY/ *BRAIN EDEMA, pathology/ CASE REPORT/ ELECTROENCEPHALOGRAPHY/ ELECTROOCULOGRAPHY/ *ENCEPHALOMALACIA, pathology/ ENGLISH ABSTRACT/ *EYE MOVEMENTS/ HUMAN/ MALE/ *PONS, pathology/ THROMBOSIS, pathology

1232. **Brzica SM Jr, Pineda AA, Taswell HF:** Autologous blood transfusion. Mayo Clin Proc 51(11):723-37, Nov 76
BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ BLOOD TRANSFUSION, AUTOLOGOUS, adverse effects/ BLOOD TRANSFUSION, AUTOLOGOUS, methods/ BLOODLETTING/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EMBOLISM, etiology/ HEMOLYSIS/ HUMAN/ NEOPLASM SEEDING/ PREOPERATIVE CARE/ SURGERY, OPERATIVE/ THROMBOPENIA, etiology

1233. **Bubb MO, Conradie JD:** The Cmu3-domain of IgM: isolation and identification of the intact fragment. Biochem Biophys Res Commun 77(2):613-20, 25 Jul 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ *IGM/ *IMMUNOGLOBULINS, FC/ IMMUNOGLOBULINS, FC, isolation & purification/ TRYPSIN

1234. **Bube FW, Seegers D, Siebel E, et al:** Der Nachweis von HL-A-Antigenen an Thrombozyten unter verschiedenen Konditionen Folia Haematol (Leipz) 103(2):240-7, 1976 (Eng. Abstr.) **(Ger)**
*BLOOD PLATELETS, immunology/ CELL SEPARATION, methods/ COMPLEMENT/ ENGLISH ABSTRACT/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ *HL-A, analysis/ HUMAN

1235. **Bubenhofer R, Hedinger C:** Schilddrüsenmalignome vor und nach Einführung der Jodsalzprophylaxe Schweiz Med Wochenschr 107(21):733-41, 28 May 77 (Eng. Abstr.) **(Ger)**
ADENOCARCINOMA, occurrence/ CARCINOMA, EPIDERMOID, occurrence/ CARCINOMA, PAPILLARY, occurrence/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FOOD ADDITIVES/ HEMANGIOENDOTHELIOMA, occurrence/ HUMAN/ IODINE, deficiency/ LYMPHOMA, occurrence/ SALTS/ SWITZERLAND/ *THYROID NEOPLASMS, occurrence

1236. **Buchanan GR, Scher CS, Button LN, et al:** Use of homologous platelet survival in differential diagnoses of chronic thrombocytopenia in childhood. Pediatrics 59(1):45-54, Jan 77
AGE FACTORS/ BLOOD PLATELETS, physiology/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ HEMATOLOGIC DISEASES, diagnosis/ HUMAN/ INFANT/ MALE/ *THROMBOPENIA, diagnosis/ THROMBOPENIA, immunology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1237. **Buchanan GR, Green DM, Handin RI:** Combined von Willebrand disease and Hageman factor deficiency. J Pediatr 90(5):779-81, May 77
*BLOOD COAGULATION DISORDERS, complications/ CASE REPORT/ CHILD/ *FACTOR XII/ FEMALE/ HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND'S DISEASE, complications

1238. **Buchanan GR, Martin V, Levine PH, et al:** The effects of 'anti-platelet' drugs on bleeding time and platelet aggregation in normal human subjects. Am J Clin Pathol 68(3):355-9, Sep 77
ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ CHLORPROMAZINE, pharmacodynamics/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DIPHENHYDRAMINE, pharmacodynamics/ DOUBLE-BLIND METHOD/ FEMALE/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ GUAIACOL GLYCERYL ETHER, pharmacodynamics/ HUMAN/ INDOMETHACIN, pharmacodynamics/ MALE/ *PLATELET AGGREGATION, drug effects/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1239. **Buchanan N, Van der Walt LA:** Warfarin binding in kwashiorkor [letter]. Am Heart J 93(1):128, Jan 77
HUMAN/ *KWASHIORKOR, blood/ PROTEIN

BINDING/ *WARFARIN, metabolism

1240. **Buchbarova V:** Suvremenni metodi za diagnostika na khiperkoagulemiite. Khirurgiia (Sofiia) 30(1):79–84, 1977 (13 ref.) **(Bul)**
ALCOHOL, ETHYL, diagnostic use/ ANTITHROMBINS, diagnostic use/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION/ FACTOR XIII, diagnostic use/ FIBRINOGEN, biosynthesis/ FIBRINOGEN, diagnostic use/ FIBRINOLYSIS/ HEMOSTASIS/ HUMAN/ METHODS/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ PLATELET FACTOR 3, diagnostic use/ PLATELET FACTOR 4, diagnostic use/ PROTAMINES, diagnostic use/ REVIEW/ THROMBOCYTOSIS, blood

1241. **Bucher D, Nebelin E, Thomsen J, et al:** Identification of gamma-carboxyglutamic acid residues in bovine factors IX and X, and in a new vitamin K-dependent protein. FEBS Lett 68(2):293–6, 1 Oct 76
AMINO ACID SEQUENCE/ *BLOOD PROTEINS/ *FACTOR IX/ *FACTOR X/ *GLUTAMATES, analysis/ PROTHROMBIN/ *VITAMIN K, blood

1242. **Bucher U, Kägi M, Beck EA:** Scheinbare und wirkliche Nebenwirkungen der oralen Kontrazeptiva aus internistisch-hämatologischer Sicht. Eine Kritische Würdigung der Literatur Praxis 65(19):570–80, 11 May 76 (44 ref.) (Eng. Abstr.) **(Ger)**
ADULT/ CEREBROVASCULAR DISORDERS, chemically induced/ CHOLESTASIS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, chemically induced/ PREGNANCY/ REVIEW/ THROMBOEMBOLISM, chemically induced

1243. **Buchet JP, Lauwerys R, Roels H:** Long term exposure to organophosphorus pesticides and lipid metabolism in the rat. Bull Environ Contam Toxicol 17(2):175–83, Feb 77
ANIMAL/ AORTA, metabolism/ CHOLINESTERASES, blood/ DIET/ DURSBAN, pharmacodynamics/ FEMALE/ INSECTICIDES, ORGANOPHOSPHATE, administration & dosage/ *INSECTICIDES, ORGANOPHOSPHATE, pharmacodynamics/ LIPASE, blood/ LIPIDS, blood/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, metabolism/ MALE/ PROTEINS, metabolism/ RATS/ TIME FACTORS/ TRIAZOLES, administration & dosage/ TRIAZOLES, pharmacodynamics

1244. **Buchler U, Phelps DB, Boswick JA Jr:** The influence of experimentally induced anemia on the patency of microvascular anastomoses. J Hand Surg 2(1):29–30, Jan 77
*ANEMIA/ ANIMAL/ ARTERIES, surgery/ BLOOD VISCOSITY/ *MICROSURGERY/ RATS/ *VASCULAR SURGERY/ VEINS, surgery

1245. **Büchmann NB:** In vitro digestibility of barley protein. Riso Rep (351):1–137, Mar 77
AMINO ACIDS, analysis/ ANIMAL/ *BARLEY/ BARLEY, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ *DIGESTION/ *GRAIN/ GRAIN, analysis/ HYDROGEN-ION CONCENTRATION/ METHODS/ NITROGEN, analysis/ PANCREATIN/ PEPSIN/ PEPTIDE HYDROLASES/ *PLANT PROTEINS, metabolism/ PRONASE/ RATS/ TEMPERATURE

1246. **Buchsbaum MS, Coursey RD, Murphy DL:** The biochemical high-risk paradigm: behavioral and familial correlates of low platelet monoamine oxidase activity. Science 194(4262):339–41, 15 Oct 76
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, enzymology/ FEMALE/ HUMAN/ MALE/ *MONOAMINE OXIDASE, blood/ *PSYCHOSES, enzymology/ SEX FACTORS/ SUICIDE

1247. **Buchsbaum MS, van Kammen DP, Murphy DL:** Individual differences in average evoked responses to d- and l-amphetamine with and without lithium carbonate in depressed patients. Psychopharmacology 51(2):129–35, 31 Jan 77
ADULT/ *AMPHETAMINE, pharmacodynamics/ AMPHETAMINE, therapeutic use/ BLOOD PLATELETS, enzymology/ COMPARATIVE STUDY/ DEPRESSION, drug therapy/ DEPRESSION, enzymology/ *DEPRESSION, physiopathology/ *DEXTROAMPHETAMINE, pharmacodynamics/ DEXTROAMPHETAMINE, therapeutic use/ DRUG INTERACTIONS/ DRUG THERAPY, COMBINATION/ ELECTROENCEPHALOGRAPHY/ EUPHORIA/ *EVOKED POTENTIALS, drug effects/ FEMALE/ HUMAN/ *LITHIUM, pharmacodynamics/ LITHIUM, therapeutic use/ MALE/ MIDDLE AGE/ MONOAMINE OXIDASE, blood/ PHOTIC STIMULATION/ STEREOISOMERS

1248. **Buchsbaum MS, Haier RJ, Murphy DL:** Suicide attempts, platelet monoamine oxidase and the average evoked response. Acta Psychiatr Scand 56(1):69–79, Jul 77
ADULT/ *AFFECTIVE DISTURBANCES, enzymology/ *BLOOD PLATELETS, enzymology/ CLINICAL RESEARCH/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ *SUICIDE, ATTEMPTED

1249. **Buchvarova V, Samama M, Lecrubier C:** Kolichestveno opredeliane aktivnostta na faktora na Vilebrand pri bolestta na Vilebrand Vutr Boles 15(3):92–4, 1976 (Eng. Abstr.) **(Bul)**
ADULT/ *BLOOD COAGULATION FACTORS, analysis/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ METHODS/ PLATELET AGGREGATION/ *VON WILLEBRAND FACTOR, analysis/ *VON WILLEBRAND'S DISEASE, blood

1250. **Buck CA, Warren L:** The repair of the surface structure of animal cells. J Cell Physiol 89(2):187–200, Oct 76
CELL LINE/ *CELL MEMBRANE, metabolism/ CELLS, CULTURED/ GLUCOSAMINE, metabolism/ GLYCOPEPTIDES, analysis/ GLYCOPEPTIDES, biosynthesis/ *GLYCOPEPTIDES, metabolism/ KINETICS/ LEUCINE, metabolism/ MOLECULAR WEIGHT/ *NEURAMINIDASE, pharmacodynamics/ *SIALIC ACIDS, metabolism/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1251. **Buckingham WB:** Adapting AMA/PSRO model screening criteria to PEP: pulmonary embolism or infarction. QRB 2(5):23–8, May 76
*AMERICAN MEDICAL ASSOCIATION/ HUMAN/ *MEDICAL AUDIT/ MODELS, THEORETICAL/ *MYOCARDIAL INFARCT, therapy/ PATIENT CARE PLANNING/ *PROFESSIONAL STANDARDS REVIEW ORGANIZATIONS/ *PULMONARY EMBOLISM, therapy/ UNITED STATES

1252. **Buckley RH, Seymour F, Sanal SO, et al:** Lymphocyte responses to purified ragweek allergens in vitro. I. Proliferative responses in normal, newborn, agammaglobulinemic, and atopic subjects. J Allergy Clin Immunol 59(13):70–8, Jan 77
ADULT/ *AGAMMAGLOBULINEMIA, immunology/ *ALLERGENS/ ANIMAL/ DOSE-RESPONSE RELATIONSHIP, IMMUNOLOGIC/ ENDOTOXINS, pharmacodynamics/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ *HYPERSENSITIVITY, IMMEDIATE, immunology/ INFANT, NEWBORN/ *LYMPHOCYTE TRANSFORMATION/ MALE/ MICE/ MICE, INBRED BALB C/ *POLLEN/ SALMONELLA, immunology/ SPLEEN, cytology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1253. **Buckman RF Jr, Buckman PD, Hufnagel HV, et al:** A physiologic basis for the adhesion-free healing of deperitonealized surfaces. J Surg Res 21(2):67–76, Aug 76
*ADHESIONS/ ANIMAL/ BIOPSY/ BLOOD VESSELS, analysis/ CONNECTIVE TISSUE, analysis/ FIBRINOLYSIS/ MALE/ PERITONEUM, pathology/ *PERITONEUM,

surgery/ PERITONEUM, transplantation/ PLASMINOGEN ACTIVATORS, analysis/ POSTOPERATIVE COMPLICATIONS, blood/ POSTOPERATIVE COMPLICATIONS, pathology/ RATS/ SUTURE TECHNICS/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS/ *WOUND HEALING

1254. **Bucknall RC, Eastham RD:** Haemorrhage complicating anticoagulant therapy. Bristol Med Chir J 90(335–336):57–60, Jul–Oct 75
*ANTICOAGULANTS, adverse effects/ *HEMORRHAGE, chemically induced/ HUMAN/ MIDDLE AGE

1255. **Bucknall RC, Eastham RD:** Haemorrhage complicating anticoagulant therapy. Bristol Med Chir J 90(335/6):57–60, Jul–Oct 75
*ANTICOAGULANTS, adverse effects/ *HEMORRHAGE, chemically induced/ HUMAN/ MIDDLE AGE/ THROMBOEMBOLISM, drug therapy

1256. **Bučko A:** Novšie názory na patofyziológiu vzniku akútnej pankreatitídy Cesk Gastroenterol Vyz 30(6):358–63, Sep 76 (Eng. Abstr.) **(Slo)**
ACUTE DISEASE/ ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN, blood/ PANCREATITIS, enzymology/ *PANCREATITIS, etiology/ PANCREATOPEPTIDASE, blood/ PHOSPHOLIPASE, blood/ TRYPSIN INHIBITORS, blood

1257. **Buczko W, de Gaetano G, Franco R, et al:** Biological properties of dialysable peptides derived from plasmin digestion of bovine fibrinogen preparations. Thromb Haemostas 35(3):651–7, 30 Jun 76
ADENOSINE DIPHOSPHATE/ ANIMAL/ CATTLE/ *FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ MOLECULAR WEIGHT/ MYOCARDIAL CONTRACTION, drug effects/ *PEPTIDES, analysis/ PEPTIDES, pharmacodynamics/ PERMEABILITY/ PLATELET ADHESIVENESS, drug effects

1258. **Buczko W:** The effect of bovine fibrinopeptides on the central action of chlorpromazine and amphetamine in rats. Acta Neurobiol Exp (Warsz) 36(4):447–54, 1976
*AMPHETAMINE, pharmacodynamics/ ANIMAL/ *BODY TEMPERATURE, drug effects/ CATTLE/ *CHLORPROMAZINE, pharmacodynamics/ DRUG INTERACTIONS/ *FIBRINOGEN, pharmacodynamics/ *FIBRINOPEPTIDES A, pharmacodynamics/ *FIBRINOPEPTIDES B, pharmacodynamics/ MALE/ *MOTOR ACTIVITY, drug effects/ RATS

1259. **Buczko W, Popow J:** Influence of trypsin on cytostatic effects of cyclophosphamide in rats with Guerin tumours. Acta Physiol Pol 27(4):387–94, Jul–Aug 76
ANIMAL/ CYCLOPHOSPHAMIDE, adverse effects/ *CYCLOPHOSPHAMIDE, therapeutic use/ HEMATOPOIETIC SYSTEM, drug effects/ MALE/ *NEOPLASMS, EXPERIMENTAL, drug therapy/ NEOPLASMS, EXPERIMENTAL, metabolism/ NEOPLASMS, EXPERIMENTAL, pathology/ RATS/ *TRYPSIN, pharmacodynamics

1260. **Budman DR, Steinberg AD:** Hematologic aspects of systemic lupus erythematosus. Current concepts. Ann Intern Med 86(2):220–9, Feb 77
AGGLUTININS, analysis/ *ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ AUTOANTIBODIES, analysis/ AUTOIMMUNE DISEASES/ BLOOD COAGULATION/ BLOOD PLATELETS, physiopathology/ CELL SURVIVAL/ COLD/ COOMBS' TEST/ CRYOGLOBULINS, analysis/ HUMAN/ IMMUNOGLOBULINS, analysis/ LEUKOCYTE COUNT/ *LEUKOPENIA, etiology/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ LYMPHOCYTES/ SPLENECTOMY/ *THROMBOPENIA, etiology/ VISCOSITY

1261. **Budtz-Jörgensen E, Kelstrup J:** Enzymes as denture cleansers. Scand J Dent Res 85(3):209–15, Mar 77
CLINICAL RESEARCH/ COMPARATIVE STUDY/ *DENTURE, COMPLETE/ *DEXTRANASE/ DRUG EVALUATION/ *GLYCOSIDE HYDROLASES/ HUMAN/ *PEPTIDE HYDROLASES/ PLACEBOS/ *STOMATITIS, prevention & control/ *STOMATITIS, DENTURE, prevention & control

1262. **Budzynski AZ, Marder VJ:** Plasmic degradation of fibrinogen Paris I. J Lab Clin Med 88(5):817–25, Nov 76
BLOOD PROTEIN ELECTROPHORESIS/ CARBOHYDRATES, blood/ COMPARATIVE STUDY/ DENSITOMETRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ IN VITRO/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1263. **Budzyński W, Krakiewicz A, Gola A:** Wpływ ostrego upojenia alkoholowego na narząd krwiotwórczy Pol Tyg Lek 31(50):2131–2, 13 Dec 76 (Eng. Abstr.) **(Pol)**
ADULT/ *ALCOHOL, ETHYL, adverse effects/ *ALCOHOLIC INTOXICATION, blood/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOPOIETIC SYSTEM, drug effects/ HUMAN/ LEUKOPENIA, chemically induced/ MALE/ MIDDLE AGE/ THROMBOPENIA, chemically induced

1264. **Buen Abad LH, Elizalde Galván JA, Cárdenas M:** Prevención a largo plazo de accidentes tromboembólicos con ácido acetil-salicílico en pacientes con fibrilación auricular Arch Inst Cardiol Mex 46(6):764–9, Nov–Dec 76 (Eng. Abstr.) **(Spa)**
ADULT/ *ASPIRIN, therapeutic use/ *AURICULAR FIBRILLATION, drug therapy/ COMPARATIVE STUDY/ CORONARY DISEASE, prevention & control/ COUMARINS, therapeutic use/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *THROMBOEMBOLISM, prevention & control

1265. **Buffa D, Badini A, Mazzola R:** Sulla patologia degli angiomi del labbro (rilievi su 65 casi) Pathologica 68(979–980):253–9, May–Jun 76 (Eng. Abstr.) **(Ita)**
ADULT/ AGED/ *ANGIOMA, SCLEROSING, pathology/ *ANGIOSARCOMA, pathology/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, pathology/ HUMAN/ *LIP NEOPLASMS, pathology/ *LIP, pathology/ MALE/ MIDDLE AGE

1266. **Buffoni F, Ignesti G, Pirision R, et al:** Platelet monoamine oxidase, plasma benzylamine oxidase and liver mixed function oxidase in cirrhotic patients. Med Biol 55(2):109–11, Apr 77
ADULT/ *BENZYLAMINE OXIDASE, blood/ BENZYLAMINE OXIDASE, metabolism/ *BLOOD PLATELETS, enzymology/ FEMALE/ HUMAN/ *LIVER CIRRHOSIS, enzymology/ *LIVER, enzymology/ MALE/ MICROSOMES, LIVER, enzymology/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ MONOAMINE OXIDASE, metabolism

1267. **Buglov ED, Dovgalev SI:** Perelivanie svezhezagotovlennoĭ krovi Vestn Khir 117(8):96–8, Aug 76 (Eng. Abstr.) **(Rus)**
BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION, methods/ COMPARATIVE STUDY/ ELECTROLYTES, blood/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HUMAN

1268. **Buisseret P:** The cavities of the body. 3. The mediastinal cavity. Nurs Mirror 144(22):i–iv, 2 Jun 77
ANEURYSM, DISSECTING/ AORTIC ANEURYSM/ ARTERIOSCLEROSIS/ HEART DEFECTS, CONGENITAL/ HUMAN/ *MEDIASTINAL DISEASES/ MITRAL VALVE INSUFFICIENCY/ MITRAL VALVE STENOSIS/ MYOCARDIAL INFARCT/ PERICARDIAL EFFUSION/ PERICARDITIS/ PULMONARY EMBOLISM

1269. **Buk J:** A mélyvévás thrombosisok korai felismerése Doppler-ultrahang vizsgálattal Orv Hetil 117(47):2867–9, 21 Nov 76 **(Hun)**
FEMALE/ HUMAN/ LEG, blood supply/ MALE/ *THROMBOPHLEBITIS, diagnosis/ *ULTRASONICS, diagnostic use

1270. **Bukowska D, Serafinska D, Frolow K, et al:** Typy bakteriofagowe i właściwości proteolityczne gronkowców złocistych występujących u chorych oparzonych leczonych w Oddziale Oparzeń Instytutu Hematologii Pol Tyg Lek 32(15):557–60, 11 Apr 77 (Eng. Abstr.) **(Pol)**
BACTERIOPHAGE TYPING/ *BURNS, microbiology/ ENGLISH ABSTRACT/ PEPTIDE HYDROLASES, metabolism/ STAPHYLOCOCCAL PHAGES/ *STAPHYLOCOCCUS AUREUS, classification/ STAPHYLOCOCCUS AUREUS, enzymology

1271. **Bukowski RM, King JW, Hewlett JS:** Plasmapheresis in the treatment of thrombotic thrombocytopenic purpura. Blood 50(3):413–7, Sep 77
ADULT/ CASE REPORT/ DEXAMETHASONE, therapeutic use/ EXCHANGE TRANSFUSION/ FEMALE/ HUMAN/ MALE/ MYOCARDIAL INFARCT, drug therapy/ *PLASMAPHERESIS/ *PURPURA, THROMBOTIC THROMBOPENIC, therapy/ WARFARIN, therapeutic use

1272. **Bukurestliev A, Angelova Z, Lissitschkov T:** Herstellung eines angereicherten Faktor-VIII-Präparates Folia Haematol (Leipz) 103(5):742–5, 1976 (Eng. Abstr.) **(Ger)**
DEXTRAN/ ENGLISH ABSTRACT/ ETHYLENE GLYCOLS/ *FACTOR VIII/ FACTOR VIII, isolation & purification/ *FACTOR VIII, therapeutic use/ *HEMOPHILIA, therapy/ HUMAN/ METHODS

1273. **Bulkley BH, Hutchins GM:** Accelerated 'atherosclerosis'. A morphologic study of 97 saphenous vein coronary artery bypass grafts. Circulation 55(1):163–9, Jan 77
ADULT/ AGED/ *AORTOCORONARY BYPASS/ *ARTERIOSCLEROSIS, pathology/ *ATHEROSCLEROSIS, pathology/ FEMALE/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, pathology/ SAPHENOUS VEIN, pathology/ *SAPHENOUS VEIN, transplantation/ THROMBOSIS, pathology/ TRANSPLANTATION, AUTOLOGOUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1274. **Bullard B, Sainsbury GM:** The proteins in the Z line of insect flight muscle. Biochem J 161(2):399–403, 1 Feb 77
ANIMAL/ CHYMOTRYPSIN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *HEMIPTERA, analysis/ LIPASE/ *MUSCLE PROTEINS, analysis/ *MUSCLES, analysis/ MUSCLES, ultrastructure/ MYOFIBRILS, analysis

1275. **Bullaro JC, Brookman DH:** Comparison of skeletal muscle monolayer cultures initiated with cells dissociated by the vortex and trypsin methods. In Vitro 12(8):564–70, Aug 76
CELL DIVISION/ CELL FUSION/ *CELL SEPARATION, methods/ CELLS, CULTURED/ CHICK EMBRYO/ COMPARATIVE STUDY/ *MUSCLES, cytology/ TRYPSIN

1276. **Buller AJ:** Some reflections on the importance of calcium. pp. 3–6.
In: Carafoli E, et al., ed. Calcium transport in contraction and secretion. Amsterdam, North-Holland, 1975. QV 276 I61c 1975.
ACETYLCHOLINE, secretion/ ANIMAL/ BIOLOGICAL TRANSPORT, ACTIVE/ BLOOD COAGULATION/ BONE AND BONES, metabolism/ *CALCIUM, physiology/ EXTRACELLULAR SPACE, metabolism/ HUMAN/ INTRACELLULAR FLUID, metabolism/ MONOGRAPH/ MUSCLE CONTRACTION/ NEUROMUSCULAR JUNCTION, secretion

1277. **Bult H, Bonta IL:** Rat platelets aggregate in the absence of endogenous precursors of prostaglandin endoperoxides. Nature 264(5585):449–51, 2 Dec 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ ARACHIDONIC ACIDS, metabolism/ *ARACHIDONIC ACIDS, pharmacodynamics/ BIOLOGICAL ASSAY/ BLOOD PLATELETS, metabolism/ *COLLAGEN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HYDROXY ACIDS, analysis/ HYDROXY ACIDS, pharmacodynamics/ MEMBRANE LIPIDS, metabolism/ PEROXIDES/ *PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, analysis/ *PROSTAGLANDINS, pharmacodynamics/ PYRANS, analysis/ PYRANS, pharmacodynamics/ RATS

1278. **Bult H, Bonta IL:** Prostaglandin endoperoxides, serotonin and the superfused rabbit aorta: possible pitfalls in the bio-assay of rabbit aorta contracting substance (RCS). Agents Actions 6(6):712–20, Nov 76
ANIMAL/ *AORTA, drug effects/ BIOLOGICAL ASSAY/ BLOOD PLATELETS, metabolism/ COLLAGEN, pharmacodynamics/ *HYDROXY ACIDS, pharmacodynamics/ IN VITRO/ LINOLEIC ACIDS, pharmacodynamics/ MALE/ METHYSERGIDE, pharmacodynamics/ *MUSCLE CONTRACTION, drug effects/ PEROXIDES, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics/ *PYRANS, pharmacodynamics/ RABBITS/ RATS/ *SEROTONIN, pharmacodynamics/ STOMACH, drug effects

1279. **Bulycheva TI, Leontovich VA, Abezgauz NN, et al:** Bank blastnykh kletok, prednaznachennykh dlia provedeniia immunologicheskikh issledovanii i immunoterapii u bol'nykh leikozom. Probl Gematol Pereliv Krovi (2):32–5, Feb 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ *BLOOD BANKS/ BLOOD PRESERVATION/ ENGLISH ABSTRACT/ FREEZING/ HUMAN/ *IMMUNOTHERAPY/ LEUKEMIA, immunology/ *LEUKEMIA, therapy/ *LEUKOCYTES, immunology/ MOSCOW

1280. **Bulynnin VI, Goĭkhman GI:** Ostraia kishechnaia neprokhodimost' v rezul'tate krovoizliianiia v stenku kishki u bol'nogo gemofilieĭ Khirurgiia (Mosk) (10):127–8, Oct 76 **(Rus)**
ACUTE DISEASE/ ADULT/ CASE REPORT/ *HEMOPHILIA, complications/ *HEMORRHAGE, GASTROINTESTINAL, complications/ HUMAN/ *INTESTINAL OBSTRUCTION, etiology/ MALE

1281. **Bunin KV, Abdurashitov RF:** Rol' vnutrisosudistogo svertyvaniia krovi v patogeneze gemorragicheskogo sindroma i klinicheskom techenii gemorragicheskoĭ likhoradka s pochechnym sindromom Ter Arkh 48(7):125–31, 1976 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ *HEMORRHAGE, etiology/ HEMORRHAGIC FEVER, EPIDEMIC, blood/ *HEMORRHAGIC FEVER, EPIDEMIC, complications/ HUMAN/ MALE/ MIDDLE AGE/ NEPHROTIC SYNDROME, blood/ *NEPHROTIC SYNDROME, complications/ SYNDROME

1282. **Bunin KV, Abdurashitov RF:** Osobennosti ranneĭ fazy svertyvaniia krovi pri gemorragicheskoĭ likhoradke s pochechnym sindromom. Klin Med (Mosk) 55(5):30–4, May 77 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ *HEMORRHAGIC FEVER, EPIDEMIC, blood/ HUMAN/ MIDDLE AGE

1283. **Bunin AIa, Iakovlev AA, Komlev NA, et al:** Modelirovanie i eksperimental'naia terapiia ostrykh povyshenii vnutriglaznogo davleniia Vestn Oftalmol (2):20–5, Mar-Apr 76 (Eng. Abstr.) **(Rus)**
AMINOCAPROIC ACIDS, pharmacodynamics/ ANIMAL/ ASPIRIN, pharmacodynamics/ ENGLISH ABSTRACT/ *INTRAOCULAR PRESSURE, drug effects/ *PROSTAGLANDIN ANTAGONISTS, pharmacodynamics/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, adverse effects/ RABBITS

1284. **Bunn PA Jr, Shackney SE, Ford SS:** The effects of colcemid on hematopoiesis in the mouse. J Clin Invest 58(5):1280–5, Nov 76
ANIMAL/ BLOOD PLATELETS, drug effects/

DEMECOLCINE, administration & dosage/ *DEMECOLCINE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ERYTHROCYTES, drug effects/ *HEMATOPOIESIS, drug effects/ LEUKOCYTES, drug effects/ MALE/ MEGAKARYOCYTES, drug effects/ MICE/ MITOSIS, drug effects/ VINCA ALKALOIDS, pharmacodynamics

1285. **Bunney WE Jr, Murphy DL:** Neurobiological Considerations of the mode of action of lithium carbonate in the treatment of affective disorders?
Pharmakopsychiatr Neuropsychopharmakol 9(3):142–7, May 76
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *AFFECTIVE DISTURBANCES, drug therapy/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CALCIUM, metabolism/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, metabolism/ CENTRAL NERVOUS SYSTEM, drug effects/ CENTRAL NERVOUS SYSTEM, metabolism/ DIABETES INSIPIDUS, chemically induced/ GLYCOSURIA, RENAL, chemically induced/ HUMAN/ LITHIUM, adverse effects/ LITHIUM, metabolism/ *LITHIUM, pharmacodynamics/ MAGNESIUM, metabolism/ MODELS, BIOLOGICAL/ POTASSIUM, metabolism/ PSYCHOSES, MANIC-DEPRESSIVE, etiology/ RECEPTORS, DRUG, metabolism/ SODIUM, metabolism

1286. **Bünning P, Holzer H:** Natural occurrence and chemical modification of proteinase B inhibitors from yeast.
J Biol Chem 252(15):5316–23, 10 Aug 77
AMINO ACIDS, analysis/ ENZYME INHIBITORS, isolation & purification/ *FUNGAL PROTEINS/ FUNGAL PROTEINS, isolation & purification/ FUNGAL PROTEINS, pharmacodynamics/ NITRO COMPOUNDS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN BINDING/ SACCHAROMYCES CEREVISIAE, analysis/ *SACCHAROMYCES, analysis/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET

1287. **Bunting PD:** Hand with iatrogenic vascular insufficiency [letter] Plast Reconstr Surg 60(1):108–9, Jul 77
*ANGIOGRAPHY, adverse effects/ *HAND, blood supply/ HUMAN/ IATROGENIC DISEASE/ *THROMBOSIS, etiology

1288. **Burger HG:** Oestrogen replacement--a boon or a curse?
Aust Fam Physician 6(2):99–104, Feb 77
ATHEROSCLEROSIS, etiology/ CLIMACTERIC/ DEPRESSION, etiology/ ESTROGENS, adverse effects/ ESTROGENS, deficiency/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ *MENOPAUSE/ OSTEOPOROSIS, etiology/ THROMBOEMBOLISM, chemically induced/ UTERINE NEOPLASMS, chemically induced

1289. **Bürger K, Porstmann W, Thomas E, et al:** Chirurgische therapie bei tiefen Bein- und Beckenvenenthrombosen.
Zentralbl Chir 102(8):459–66, 1977 (Eng. Abstr.) **(Ger)**
ARTERIOVENOUS SHUNT, SURGICAL, methods/ ENGLISH ABSTRACT/ FEMORAL VEIN, surgery/ HUMAN/ *LEG, blood supply/ LIGATION/ *PELVIS, blood supply/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOEMBOLISM, prevention & control/ *THROMBOPHLEBITIS, surgery/ VENAE CAVAE, surgery

1290. **Burger R, Schmehe G, Strothmann G, et al:** Arzneimittelnebenwirkungen bei Patienten einer Medizinischen Klinik Med Klin 72(1):21–7, 7 Jan 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANTICOAGULANTS, adverse effects/ ANTIHYPERTENSIVE AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, adverse effects/ DIURETICS, adverse effects/ DRUG HYPERSENSITIVITY/ *DRUG THERAPY, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IATROGENIC DISEASE, prevention & control/ MALE/ MIDDLE AGE/ PATIENT CARE PLANNING/ PROSPECTIVE STUDIES/ SEX FACTORS/ STEROIDS, adverse effects

1291. **Burger T, Kelényi G, Kett K, et al:** Platelet storage in the spleen in idiopathic thrombocytopenic purpura and congestive splenomegaly. Acta Med Acad Sci Hung 33(1):13–24, 1976
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELETS, ultrastructure/ CELL SURVIVAL/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ ORGAN WEIGHT/ PERFUSION/ *PURPURA, THROMBOPENIC, pathology/ *SPLEEN, pathology/ SPLENECTOMY/ *SPLENOMEGALY, pathology

1292. **Burgerhout WG, Smit SL, Jongsma AP:** Regional assignment of seven genes on chromosome 1 of man by use of man–Chinese hamster somatic cell hybrids. II. Results obtained after induction of breaks in chromosome 1 by X-irradiation. Cytogenet Cell Genet 18(5):267–83, 1977
ANIMAL/ CELL LINE/ *CHROMOSOME ABERRATIONS/ CHROMOSOME MAPPING/ *CHROMOSOMES, HUMAN, 1–3/ FUMARATE HYDRATASE, metabolism/ *GENES/ GLUCOSEPHOSPHATE URIDYLYLTRANSFERASE, metabolism/ HAMSTERS/ HUMAN/ HYBRID CELLS, enzymology/ *HYBRID CELLS, radiation effects/ MALE/ PEPTIDE HYDROLASES, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PHENOTYPE/ PHOSPHOGLUCOMUTASE, metabolism/ PHOSPHOGLUCONATE DEHYDROGENASE, metabolism/ PHOSPHOTRANSFERASES, metabolism

1293. **Burgess RR:** Purification and physical properties of E. coli RNA polymerase. pp. 69–100.
In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975. (118 ref.)
ADENOSINE TRIPHOSPHATASE, isolation & purification/ APOENZYMES, isolation & purification/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, ION EXCHANGE/ DEOXYRIBONUCLEASE, isolation & purification/ DNA, metabolism/ *ESCHERICHIA COLI, enzymology/ ESCHERICHIA COLI, growth & development/ ISOELECTRIC POINT/ MICROMANIPULATION/ MOLECULAR WEIGHT/ MONOGRAPH/ NUCLEIC ACIDS, isolation & purification/ PEPTIDE HYDROLASES, isolation & purification/ PHOSPHOTRANSFERASES, isolation & purification/ POLYNUCLEOTIDE PHOSPHORYLASE, isolation & purification/ PROTEIN BINDING/ PROTEIN CONFORMATION/ REVIEW/ RIBONUCLEASE, isolation & purification/ RIBOSOMES/ RIFAMPIN, metabolism/ *RNA POLYMERASES/ RNA POLYMERASES, analysis/ RNA POLYMERASES, isolation & purification/ SIGMA FACTOR, isolation & purification/ SOLUBILITY

1294. **Burghele T:** Einfache therapeutische Nottechnik beim Priapismus Z Aerztl Fortbild (Jena) 70(6):278–9, 15 Mar 76 **(Ger)**
ADULT/ *EMERGENCIES/ HEPARIN, therapeutic use/ HUMAN/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PRIAPISM, surgery/ THROMBOSIS, prevention & control/ TIME FACTORS

1295. **Burghuber O, Binder B, Koch M, et al:** Zur Frage des Verhaltens der Thrombozyten bei experimentellem Volumenmangelschock Wien Klin Wochenschr 89(10):341–5, 13 May 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ CARDIAC OUTPUT/ ENGLISH ABSTRACT/ HUMAN/ PULMONARY ARTERY/ PULMONARY VEINS/ *SHOCK, HEMORRHAGIC, physiopathology/ *SWINE, blood/ VASCULAR RESISTANCE

1296. **Burgoyne LA, Mobbs JD, Marshall AJ:** Chromatin structure: a property of the higher structures of chromatin and in the time course of its formation during chromatin replication. Nucleic Acids Res 3(12):3293–304, Dec 76
ANIMAL/ CALCIUM, pharmacodynamics/ CELL NUCLEUS/ *CHROMATIN, ultrastructure/

DEOXYRIBONUCLEASE, metabolism/ *DNA REPLICATION/ ENDONUCLEASES, metabolism/ FEMALE/ LIVER REGENERATION/ LIVER, ultrastructure/ MICROCOCCAL NUCLEASE, metabolism/ MOLECULAR WEIGHT/ RATS/ TRYPSIN, metabolism

1297. **Burian K, Lachmann D, Schipany W:** Kasuistik Intralaryngeales Hämangiom beim Säugling
Paediatr Paedol 11(4):639–42, 1976 (Eng. Abstr.) **(Ger)**
CASE REPORT/ CRYOGENIC SURGERY/ ENGLISH ABSTRACT/ *HEMANGIOMA/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ *LARYNGEAL DISEASES/ LARYNGEAL DISEASES, surgery/ MALE/ TRACHEOTOMY

1298. **Burke WF Jr, Spizizen J:** Selective inhibition of Bacillus subtilis sporulation by acridine orange and promethazine.
J Bacteriol 129(3):1215–21, Mar 77
*ACRIDINES, pharmacodynamics/ ANTIBIOTICS, biosynthesis/ BACILLUS SUBTILIS, drug effects/ BACILLUS SUBTILIS, metabolism/ *BACILLUS SUBTILIS, physiology/ BACTERIOPHAGES, growth & development/ PEPTIDE HYDROLASES, biosynthesis/ *PROMETHAZINE, pharmacodynamics/ SPORES, BACTERIAL, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1299. **Burke WR, Aten RF, Eisenfeld AJ, et al:** Androgen binding in human testis.
J Urol 118(1 Pt 1):52–7, Jul 77
AGED/ *ANDROGENS, metabolism/ CHLOROMERCURIPHENYLSULFONATE, pharmacodynamics/ CYPROTERONE, pharmacodynamics/ CYTOPLASM, metabolism/ CYTOSOL, metabolism/ DIETHYLSTILBESTROL, pharmacodynamics/ DITHIOTHREITOL, pharmacodynamics/ HUMAN/ MACROMOLECULAR SYSTEMS/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, pharmacodynamics/ RECEPTORS, ANDROGEN, metabolism/ STANOLONE, metabolism/ SULFHYDRYL REAGENTS, pharmacodynamics/ *TESTIS, metabolism/ TESTIS, ultrastructure

1300. **Burkhardt A, Gebbers JO, Höltje WJ:** Die Bleomycin-Lunge. Systematische pathologisch--anatomische Untersuchungen an 15 Fällen
Dtsch Med Wochenschr 102(8):281–9, 25 Feb 77 (Eng. Abstr.) **(Ger)**
AGED/ ATELECTASIS, chemically induced/ AUTOPSY/ *BLEOMYCIN, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYALINE MEMBRANE DISEASE, chemically induced/ *LUNG DISEASES, chemically induced/ LUNG DISEASES, pathology/ LUNG, pathology/ MALE/ METAPLASIA/ MIDDLE AGE/ PULMONARY ALVEOLI/ PULMONARY EDEMA, chemically induced/ PULMONARY FIBROSIS, chemically induced/ THROMBOSIS, chemically induced

1301. **Burkhardt A, Höltje WJ, Gebbers JO:** Vascular lesions following perfusion with bleomycin. Electron-microscopic observations.
Virchows Arch [Pathol Anat] 372(3):227–36, 27 Dec 76
*BLEOMYCIN, adverse effects/ BLOOD VESSELS, ultrastructure/ CARCINOMA, EPIDERMOID, drug therapy/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ MICROSCOPY, ELECTRON/ MOUTH NEOPLASMS, drug therapy/ THROMBOSIS, chemically induced/ *VASCULAR DISEASES, chemically induced/ VASCULAR DISEASES, pathology

1302. **Burkhardt R, Kronseder A:** Megakaryozytäre Myelose--Ursache der 'idiopathischen' Thrombozythämie
Fortschr Med 95(19):1261–6, 19 May 77 (Eng. Abstr.) **(Ger)**
BONE MARROW EXAMINATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *MEGAKARYOCYTES/ MIDDLE AGE/ MYELOFIBROSIS, etiology/ *MYELOPROLIFERATIVE DISORDERS, complications/ *THROMBOCYTOSIS, etiology/ THROMBOPENIA, etiology

1303. **Burkitt DP:** Varicose veins: facts and fantasy.
Arch Surg 111(12):1327–32, Dec 76
AFRICA/ ASIA/ DEVELOPING COUNTRIES/ DIET/ DIETARY FIBER/ HUMAN/ LEG, blood supply/ POSTURE/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, occurrence/ REGIONAL BLOOD FLOW/ SOCIOECONOMIC FACTORS/ SOUTH AMERICA/ THROMBOPHLEBITIS, occurrence/ *VARICOSE VEINS, etiology/ VARICOSE VEINS, occurrence

1304. **Burkitt DP, Latto C, Janvrin SB, et al:** Pelvis phleboliths epidemiology and postulated etiology.
N Engl J Med 296(24):1387–9, 16 Jun 77
ADOLESCENCE/ ADULT/ AFRICA/ AGED/ ASIA/ CALCULI, etiology/ *CALCULI, occurrence/ CALCULI, radiography/ DIETARY FIBER/ EUROPE/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *PELVIS, blood supply/ PELVIS, radiography/ TANZANIA/ UNITED STATES/ VASCULAR DISEASES, etiology/ VASCULAR DISEASES, occurrence/ *VEINS

1305. **Burkman RT, Bell WR, Atienza MF, et al:** Coagulopathy with midtrimester induced abortion: association with hyperosmolar urea administration.
Am J Obstet Gynecol 127(5):533–6, 1 Mar 77
*ABORTIFACIENT AGENTS, adverse effects/ *ABORTIFACIENT AGENTS, NON-STEROIDAL, adverse effects/ *ABORTION, INDUCED, adverse effects/ ADULT/ AMNION/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION DISORDERS, etiology/ CASE REPORT/ FEMALE/ HUMAN/ INFUSIONS, PARENTERAL/ OSMOLAR CONCENTRATION/ PREGNANCY TRIMESTER, SECOND/ PREGNANCY/ SODIUM CHLORIDE, administration & dosage/ SODIUM CHLORIDE, adverse effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREA, administration & dosage/ *UREA, adverse effects

1306. **Burley DM:** Rifampicin, enzyme induction, oestrogens and the 'pill'. pp. 293–9.
In: Grahame-Smith, DG, ed. Drug interactions.
Baltimore, Univ Park Press, 1977. QV 38 D7932 1975.
ANTICOAGULANTS, antagonists & inhibitors/ BIOTRANSFORMATION, drug effects/ CONTRACEPTIVES, ORAL, SYNTHETIC/ DIGOXIN/ DRUG INTERACTIONS/ DRUG THERAPY, COMBINATION, adverse effects/ ENZYME INDUCTION, drug effects/ FEMALE/ HALF-LIFE/ HUMAN/ HYDROCORTISONE, metabolism/ LIVER, drug effects/ MONOGRAPH/ *RIFAMPIN, pharmacodynamics/ TOLBUTAMIDE, administration & dosage/ VITAMIN D

1307. **Burnazian RA, Kiianov VI, Petrishchev NN:** Antitrombinovaia aktivnost' krovi pri eksperimental'nom vnepechenochnom kholestaze
Zh Eksp Klin Med 16(2):22–8, 1976 **(Rus)**
ANIMAL/ *ANTITHROMBINS, analysis/ BLOOD COAGULATION/ *CHOLESTASIS, blood/ RATS

1308. **Burnell JM, Dennis MB Jr, Clayson KJ, et al:** Evaluation in dogs of cross-circulation in the treatment of acute hepatic necrosis induced by yellow phosphorus.
Gastroenterology 71(5):827–31, Nov 76
ACUTE DISEASE/ ANIMAL/ BLOOD FLOW VELOCITY/ *CROSS CIRCULATION/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HEPATITIS, TOXIC, etiology/ HEPATITIS, TOXIC, pathology/ *HEPATITIS, TOXIC, therapy/ INJECTIONS, SUBCUTANEOUS/ LIVER FUNCTION TESTS/ LIVER REGENERATION, drug effects/ LIVER, pathology/ LYMPHOCYTES, immunology/ NECROSIS/ *PARABIOSIS/ *PHOSPHORUS, toxicity/ PROTHROMBIN TIME/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1309. **Burns ER, Friedman RJ, Tiell ML, et al:** Platelet activity in pathogenesis of atherosclerosis [letter]
N Engl J Med 295(21):1199–200, 18 Nov 76
ANIMAL/ ARTERIES, pathology/

*ARTERIOSCLEROSIS, etiology/ ATHEROSCLEROSIS, blood/ *ATHEROSCLEROSIS, etiology/ *BLOOD PLATELETS, physiology/ HUMAN/ HYPERPLASIA, pathology/ MITOSIS/ MUSCLE, SMOOTH, ultrastructure

1310. **Burns RG:** Some properties of the high molecular weight proteins of sea urchin sperm tail flagella and of re-assembled brain microtubules. pp. 215-27. In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976. (60 ref.)
ANIMAL/ *BRAIN, metabolism/ CHICKENS/ COMPARATIVE STUDY/ DYNEIN, metabolism/ DYNEIN, physiology/ MALE/ *MICROTUBULES, metabolism/ MICROTUBULES, physiology/ MICROTUBULES, ultrastructure/ MOLECULAR WEIGHT/ MONOGRAPH/ NERVE TISSUE PROTEINS, metabolism/ OXIDATIVE PHOSPHORYLATION/ PEPTIDE HYDROLASES/ PROTEINS, metabolism/ REVIEW/ *SEA URCHINS/ *SPERM TAIL, metabolism/ SPERM TAIL, ultrastructure/ *SPERMATOZOA, metabolism/ TUBULIN, physiology

1311. **Burrell CJ, Leadbetter G, Mackay P, et al:** Tryptic cleavage of antibody binding sites from hepatitis B surface antigen particles. J Gen Virol 33(1):41-50, Oct 76
ANTIGENIC DETERMINANTS/ *BINDING SITES, ANTIBODY, drug effects/ COMPARATIVE STUDY/ GLYCOSIDE HYDROLASES, pharmacodynamics/ HEAT/ *HEPATITIS B SURFACE ANTIGEN/ NEURAMINIDASE, pharmacodynamics/ PEPSIN, pharmacodynamics/ PERIODIC ACIDS, pharmacodynamics/ PRONASE, pharmacodynamics/ *SODIUM DODECYL SULFATE, pharmacodynamics/ *TRYPSIN, pharmacodynamics

1312. **Burri C, Krischak G:** Techniques and complications of the administration of total parenteral nutrition. pp. 306-15. In: Manni C, ET AL., ED. Total parental alimentation. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.367 1976.
BLOOD VESSELS, injuries/ CATHETERIZATION, adverse effects/ EMBOLISM, AIR, etiology/ HEART INJURIES, etiology/ HUMAN/ MONOGRAPH/ NEEDLES/ *PARENTERAL FEEDING, methods/ PARENTERAL HYPERALIMENTATION, instrumentation/ *PARENTERAL HYPERALIMENTATION, methods/ PHLEBITIS, etiology/ PNEUMOTHORAX, etiology/ SEPTICEMIA, etiology/ THROMBOSIS, etiology

1313. **Burri C, Siadatpour A:** Posttraumatische Osteitis **(Ger)** Acta Med Iran 19(2):125-54, Mar 77
BONE AND BONES, transplantation/ BONE PLATES/ CHRONIC DISEASE/ FRACTURE FIXATION, INTRAMEDULLARY/ FRACTURES, surgery/ HEMATOMA, complications/ HUMAN/ IRRIGATION/ *LEG INJURIES, complications/ OSTEITIS, diagnosis/ *OSTEITIS, etiology/ OSTEITIS, surgery/ POSTOPERATIVE COMPLICATIONS, diagnosis/ SURGICAL WOUND INFECTION, diagnosis/ TRANSPLANTATION, AUTOLOGOUS/ WOUND INFECTION, complications

1314. **Burritt MF, Calvanico NJ, Mehta S, et al:** Activation of the classical complement pathway by Fc fragment of human IgA. J Immunol 118(2):723-5, Feb 77
*COMPLEMENT, metabolism/ HUMAN/ *IGA/ IGA, pharmacodynamics/ *IMMUNOGLOBULINS, FC/ IMMUNOGLOBULINS, FC, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1315. **Burrow JP, Luce JK:** Platelet changes in women taking oral contraceptives. Postgrad Med 62(2):52-6, Aug 77
ADENOSINE DIPHOSPHATE, metabolism/ ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, pathology/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *CONTRACEPTIVES, ORAL, SYNTHETIC, pharmacodynamics/ CYTOPLASMIC GRANULES, ultrastructure/ ESTROGENS, SYNTHETIC, pharmacodynamics/ FEMALE/ HUMAN/ PLATELET FACTOR 3/ PREGNANCY/ PROGESTATIONAL HORMONES, SYNTHETIC, pharmacodynamics

1316. **Burrowes CE, Movat HZ:** Isolation of antithrombin III from human plasma: its separation from alpha1-antitrypsin1. Biochem Biophys Res Commun 74(1):140-9, 10 Jan 77
*ALPHA 1-ANTITRYPSIN, isolation & purification/ ALUMINUM/ *ANTITHROMBINS, isolation & purification/ CHROMATOGRAPHY/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ HUMAN

1317. **Burstein M, Legmann P:** Purification of rabbit anti-human fibrinogen antibodies cross reactivity of mammalian fibrinogen. Nouv Rev Fr Hematol 16(3):345-56, 1976
ANIMAL/ *ANTIBODIES, isolation & purification/ ANTIGEN-ANTIBODY COMPLEX/ CROSS REACTIONS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ PRECIPITIN TESTS/ *RABBITS, immunology/ SPECIES SPECIFICITY

1318. **Burt VT, Bee E, Pennock JF:** The formation of menaquinone-4 (vitamin K) and its oxide in some marine invertebrates. Biochem J 162(2):297-302, 15 Feb 77
ANIMAL/ CRABS, metabolism/ ETHERS, CYCLIC, metabolism/ *INVERTEBRATES, metabolism/ LIVER, metabolism/ MEVALONIC ACID, metabolism/ MOLLUSCA, metabolism/ PANCREAS, metabolism/ SEA ANEMONES, metabolism/ SEA URCHINS, metabolism/ STARFISH, metabolism/ *VITAMIN K, biosynthesis

1319. **Burton BK, Nadler HL:** Primary type I hyperlipoproteinemia with normal lipoprotein lipase activity. J Pediatr 90(5):777-9, May 77
CASE REPORT/ CHILD/ *CHYLOMICRONS, blood/ FEMALE/ HUMAN/ HYPERLIPEMIA, ESSENTIAL FAMILIAL, diagnosis/ *HYPERLIPEMIA, ESSENTIAL FAMILIAL, enzymology/ INFANT/ *LIPOPROTEIN LIPASE, metabolism/ *TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1320. **Burton IE, Roberts BE, Child JA, et al:** Responses to cinvristine in refractory idiopathic thrombocytopenic purpura. Br Med J 2(6041):918, 16 Oct 76
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, drug therapy/ *VINCRISTINE, therapeutic use

1321. **Burykina GN, Ivanova VS:** Funktsional'noe sostoianie podzheludochnoĭ zhelezy u bol'nykh ékzemoĭ. Vestn Dermatol Venerol (6):19-22, Jun 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ AMYLASE, blood/ BLOOD SUGAR, metabolism/ ECZEMA, enzymology/ *ECZEMA, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIPASE, blood/ MALE/ MIDDLE AGE/ PANCREAS, enzymology/ *PANCREAS, physiopathology/ TRYPSIN INHIBITORS, blood/ TRYPSIN, blood

1322. **Busby TF, Gan JC:** Chemical modifications of lysyl and arginyl residues of human plasma alpha1-antitrypsin. Arch Biochem Biophys 177(2):552-60, Dec 76
*ALPHA 1-ANTITRYPSIN/ ALPHA 1-ANTITRYPSIN, pharmacodynamics/ ARGININE, analysis/ BINDING SITES/ CHYMOTRYPSIN, antagonists & inhibitors/ GEL DIFFUSION TESTS/ GLYOXAL/ HISTIDINE, analysis/ HUMAN/ KETONES/ KINETICS/ LYSINE, analysis/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1323. **Busch FM, Bark CJ, Clydine HR:** Benign renal angiomyolipoma with regional lymph node involvement. J Urol 116(6):715–7, Dec 76
ADULT/ CASE REPORT/ FEMALE/ *HEMANGIOMA, pathology/ HUMAN/ *KIDNEY NEOPLASMS, pathology/ *LIPOMA, pathology/ *LYMPHATIC METASTASIS, pathology/ MALE/ MIDDLE AGE

1324. **Busch H:** Sind Transfusionsrichtlinien realisierbar und sinnvoll Chirurg 47(2):53–6, 1976 **(Ger)**
BLOOD GROUP INCOMPATIBILITY, prevention & control/ BLOOD GROUPS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ GERMANY, WEST/ HUMAN/ QUALITY OF HEALTH CARE

1325. **Bush H, Shodell M:** Cell cycle changes in transformed cells growing under serum-free conditions. J Cell Physiol 90(3):573–83, Mar 77
BLOOD/ CELL DIVISION/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ *CELLS, CULTURED, cytology/ CELLS, CULTURED, metabolism/ CULTURE MEDIA/ DNA, biosynthesis/ DNA, NEOPLASM, biosynthesis/ HAMSTERS/ MICE/ POLYOMA VIRUS/ SV40 VIRUS/ TRYPSIN

1326. **Businco L, Iannaccone G, Del Principe D, et al:** Disseminated arthritis and osteitis by Candida albicans in a two month old infant receiving parenteral nutrition. Acta Paediatr Scand 66(3):393–5, May 77
*ARTHRITIS, INFECTIOUS, etiology/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ INFANT/ *MONILIASIS, etiology/ OSTEOARTHRITIS, etiology/ *PARENTERAL FEEDING, adverse effects/ *SEPTICEMIA, etiology

1327. **Buskard NA:** Reversal of heparin action after cell separation [letter]. N Engl J Med 295(12):677, 16 Sep 76
*CELL SEPARATION/ *HEPARIN ANTAGONISTS/ HUMAN/ *PROTAMINES, pharmacodynamics

1328. **Buskard NA, Galton DA, Goldman JM, et al:** Plasma exchange in the long-term management of Waldenström's macroglobulinemia. Can Med Assoc J 117(2):135–7, 23 Jul 77
AGED/ BLOOD VISCOSITY/ CASE REPORT/ FEMALE/ HUMAN/ *MACROGLOBULINEMIA, therapy/ MALE/ *PLASMAPHERESIS/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis/ TIME FACTORS

1329. **Busse T, Belitz HD:** Hemmung von Kathepsinen aus Forellenmuskel und aus Rindermilz durch Proteinaseninhibitoren der Kartoffel Z Lebensm Unters Forsch 162(4):357–64, 31 Dec 76 **(Ger)**
ANIMAL/ *CATHEPSIN, antagonists & inhibitors/ CATTLE/ ENZYME INHIBITORS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ SPLEEN, enzymology/ TROUT

1330. **Bussière JL, Missioux D, Champeyrous J, et al:** Présentation d'observation d'une exostose agressive Rev Rhum Mal Osteoartic 44(3):183–6, Mar 77 **(Fre)**
ADOLESCENCE/ BONE NEOPLASMS, complications/ CASE REPORT/ CHONDROMA, complications/ *EXOSTOSES, complications/ EXOSTOSES, surgery/ FEMALE/ HEMATOMA, etiology/ HUMAN/ KNEE INJURIES, complications/ KNEE, blood supply/ KNEE, radiography/ SEX FACTORS/ *TIBIA, blood supply/ VASCULAR DISEASES, etiology/ VASCULAR DISEASES, radiography/ VASCULAR DISEASES, surgery/ VEINS, injuries

1331. **Bussmann L, Huseby RA, Samuels LT:** Effects of trypsin and phospholipases A2 and C on enzyme organization in testis microsomes. Mol Cell Endocrinol 6(2):91–104, Dec 76
ANDROSTENEDIONE, metabolism/ ANIMAL/ *CYTOCHROME P-450, metabolism/ CYTOSOL, metabolism/ DEHYDROEPIANDROSTERONE, metabolism/ HYDROXYPROGESTERONE, metabolism/ *HYDROXYSTEROID DEHYDROGENASES, metabolism/ MALE/ MICE/ MICROSOMES, drug effects/ *MICROSOMES, metabolism/ MICROSOMES, ultrastructure/ MITOCHONDRIA, metabolism/ *PHOSPHOLIPASE, pharmacodynamics/ PREGNENOLONE, metabolism/ PROGESTERONE, metabolism/ RECEPTORS, HORMONE, metabolism/ *STEROID HYDROXYLASES, metabolism/ TESTIS, drug effects/ *TESTIS, metabolism/ TESTOSTERONE, metabolism/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1332. **Bussmann YL, Tillman ML, Pagliara AS:** Neonatal thyrotoxicosis associated with the hyperviscosity syndrome. J Pediatr 90(2):266–8, Feb 77
*BLOOD VISCOSITY/ EXCHANGE TRANSFUSION/ HEART FAILURE, CONGESTIVE, etiology/ HEMATOCRIT/ HUMAN/ HYPERTHYROIDISM, blood/ *HYPERTHYROIDISM, congenital/ HYPERTHYROIDISM, complications/ INFANT, NEWBORN/ MALE/ THYROXINE, blood

1333. **Bussone G, Giovannini P, Boiardi A, et al:** A study of the activity of platelet monoamine oxidase in patients with migraine headaches or with 'cluster headaches'. Eur Neurol 15(3):157–62, 1977
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, enzymology/ FEMALE/ *HEADACHE, enzymology/ HUMAN/ MALE/ MIDDLE AGE/ *MIGRAINE, enzymology/ *MONOAMINE OXIDASE, blood/ SEROTONIN, blood

1334. **Busygin DV, Pyrkov LM, Stepanov VV, et al:** Vliianie uslovii dostavki i khraneniia bioprob na velichiny biokhimicheskikh pokazatelei krovi. Nov Med Tekh (3):27–30, 1976 (Eng. Abstr.) **(Rus)**
*BLOOD CHEMICAL ANALYSIS/ BLOOD PRESERVATION/ *BLOOD SPECIMEN COLLECTION/ ENGLISH ABSTRACT/ HUMAN/ TEMPERATURE/ TIME FACTORS

1335. **Buth J, Raines JK, Darling RC:** Autotransfusie, een oud concept opnieuw in de belangstelling Ned Tijdschr Geneeskd 121(5):164–71, 29 Jan 77 (Eng. Abstr.) **(Dut)**
AORTIC ANEURYSM, surgery/ BLOOD COAGULATION/ BLOOD PLATELETS/ *BLOOD TRANSFUSION, AUTOLOGOUS, methods/ ENGLISH ABSTRACT/ HEMOLYSIS/ HUMAN

1336. **Butkowski RJ, Elion J, Downing MR, et al:** Primary structure of human prethrombin 2 and alpha-thrombin. J Biol Chem 252(14):4942–57, 25 Jul 77
AMINO ACID SEQUENCE/ BINDING SITES/ *ENZYME PRECURSORS/ HUMAN/ PEPTIDE FRAGMENTS/ PROTHROMBIN/ *THROMBIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1337. **Butkus A, Ehrhart LA, McCullagh KG:** Plasma and aortic lipids in experimental canine atherosclerosis. Exp Mol Pathol 25(2):152–62, Oct 76
ANIMAL/ *AORTA, metabolism/ *ARTERIOSCLEROSIS, metabolism/ *ATHEROSCLEROSIS, metabolism/ CHOLESTEROL ESTERS, metabolism/ CHOLESTEROL, metabolism/ DIET, ATHEROGENIC/ DIETARY FATS/ DISEASE MODELS, ANIMAL/ DOGS/ FATTY ACIDS, metabolism/ LIPIDS, blood/ *LIPIDS, metabolism/ MALE/ PHOSPHOLIPIDS, metabolism/ TRIGLYCERIDES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1338. **Butler KD, Pay GF, White AM:** A comparison between sulphinpyrazone and other drugs on the thrombocytopenia occurring in the Arthus reaction in the guinea-pig [proceedings]. Br J Pharmacol 57(3):441P–442P, Jul 76
ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL/ *ARTHUS PHENOMENON, complications/ COMPARATIVE STUDY/ GUINEA PIGS/ *SULFINPYRAZONE, therapeutic use/ THROMBOPENIA, complications/ *THROMBOPENIA, drug therapy

1339. **Butler MJ, Matthews F, Irving MH:** The incidence of post-operative deep vein thrombosis after splenectomy.

Clin Oncol 3(1):51–6, Mar 77
ABDOMEN, surgery/ ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION/ BLOOD PLATELETS/ COMPARATIVE STUDY/ FIBRINOLYSIS/ HUMAN/ NEOPLASMS, blood/ NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS, blood/ *SPLENECTOMY, adverse effects/ THROMBOCYTOSIS, blood/ THROMBOCYTOSIS, etiology/ THROMBOPHLEBITIS, blood/ *THROMBOPHLEBITIS, etiology

1340. **Butler WT, Finch JE Jr, Miller EJ:** The covalent structure of cartilage collagen. Evidence for sequence heterogeneity of bovine alpha1(II) chains. J Biol Chem 252(2):639–43, 25 Jan 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *CARTILAGE/ CATTLE/ CHROMATOGRAPHY, HIGH SPEED LIQUID/ *COLLAGEN/ CYANOGEN BROMIDE/ GENES, STRUCTURAL/ MACROMOLECULAR SYSTEMS/ NOSE/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1341. **Butoianu E, Colită A, Nicoară S, et al:** LAP negative and Ph1-positive hemorrhagic thrombocythemia. Med Interne 15(1):63–5, Jan–Mar 77
ADOLESCENCE/ ADULT/ *ALKALINE PHOSPHATASE, metabolism/ CASE REPORT/ *CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 21–22/ FEMALE/ *HEMORRHAGIC THROMBOCYTHEMIA/ HEMORRHAGIC THROMBOCYTHEMIA, enzymology/ HEMORRHAGIC THROMBOCYTHEMIA, familial & genetic/ HUMAN/ *LEUKOCYTES, enzymology/ MIDDLE AGE

1342. **Butt KM, Friedman EA, Kountz SL:** Angioaccess. Curr Probl Surg 13(9):1–67, Sep 76 (220 ref.)
ADULT/ ALCOHOLIC INTOXICATION, surgery/ *ARTERIOVENOUS SHUNT, SURGICAL/ ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ ARTERIOVENOUS SHUNT, SURGICAL, methods/ BLOOD TRANSFUSION/ BLOOD VESSEL PROSTHESIS/ CHILD/ FEMALE/ HEMODIALYSIS/ HUMAN/ HYPERTENSION, etiology/ INFECTION, etiology/ KIDNEY FAILURE, CHRONIC, therapy/ KIDNEY, ARTIFICIAL/ MALE/ MIDDLE AGE/ REVIEW/ SAPHENOUS VEIN, transplantation/ THROMBOSIS, etiology/ TRANSPLANTATION, AUTOLOGOUS

1343. **Butterfield AB, Miller CW, Lumb WV, et al:** Inverse effect of chronically elevated blood flow on atherogenesis in miniature swine. Atherosclerosis 26(2):215–24, Feb 77
ANIMAL/ AORTA, ABDOMINAL/ *ARTERIOSCLEROSIS, etiology/ ARTERIOVENOUS FISTULA, physiopathology/ *ATHEROSCLEROSIS, etiology/ BLOOD FLOW VELOCITY/ *DIET, ATHEROGENIC/ *DISEASE MODELS, ANIMAL/ FEMALE/ *HEMODYNAMICS/ ILIAC ARTERY, surgery/ ILIAC VEIN, surgery/ REGIONAL BLOOD FLOW/ STRESS, MECHANICAL/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1344. **Buxman MM, Buehner GE, Weupper KD:** Isolation of substrates of epidermal transglutaminase from bovine epidermis. Biochem Biophys Res Commun 73(2):470–8, 22 Nov 76
ANIMAL/ CADAVERINE/ CATTLE/ *DIPEPTIDES, analysis/ FIBRINOGEN, immunology/ FLUORESCENT DYES/ GEL DIFFUSION TESTS/ GLUTAMATES/ *GLUTAMYL TRANSPEPTIDASE, metabolism/ LYSINE/ *SKIN, enzymology/ SPECTROMETRY, FLUORESCENCE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1345. **Byars TD, Ling GV, Ferris NA, et al:** Activated coagulation time (ACT) of whole blood in normal dogs. Am J Vet Res 37(11):1359–61, NOV 76
ANIMAL/ BLOOD COAGULATION TESTS, methods/ *BLOOD COAGULATION TESTS, veterinary/ *DOGS, blood/ FEMALE/ MALE

1346. **Bychkov SM, Kuz'mina SA:** Rol' glikozaminoglikanov i proteoglikanov v agregatsii i adgezii éritrotsitov Biull Eksp Biol Med 83(3):284–8, Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ *ERYTHROCYTE AGGREGATION, drug effects/ *HEPARIN, pharmacodynamics/ *HYALURONIC ACID, pharmacodynamics/ KINETICS/ *PROTEOCHONDROITIN SULFATES, pharmacodynamics/ *PROTEOGLYCANS, pharmacodynamics/ RABBITS

1347. **Bykowska K, Lopaciuk S, Michalski R:** Izolowanie i niektóre właściwości czynnika VIII (czynnika przeciwhemofilowego) Acta Haematol Pol 7(4):283–92, OCT–DEC 76 (Eng. Abstr.) **(Pol)**
ANTIBODIES/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ FACTOR VIII, immunology/ *FACTOR VIII, isolation & purification/ HUMAN/ PRECIPITATION

1348. **Bykowska K:** Właściwości fizykochemiczne i struktura czynnika VIII Acta Haematol Pol 8(1):57–63, Jan–Mar 77 (40 ref.) **(Pol)**
ANIMAL/ ANTIGENIC DETERMINANTS/ ANTIGENS/ CATTLE/ CHEMISTRY, PHYSICAL/ *FACTOR VIII/ FACTOR VIII, metabolism/ FEMALE/ GENES/ HEMOPHILIA, familial & genetic/ HUMAN/ MALE/ MOLECULAR WEIGHT/ REVIEW/ VON WILLEBRAND FACTOR, metabolism/ VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, familial & genetic

1349. **Bynum LJ, Crotty C, Wilson JE 3rd:** Use of fibrinogen/fibrin degradation products and soluble fibrin complexes for differentiating pulmonary embolism from nonthromboembolic lung disease. Am Rev Respir Dis 114(2):285–9, Aug 76
DIAGNOSIS, DIFFERENTIAL/ FALSE POSITIVE REACTIONS/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, blood/ *FIBRIN, analysis/ FIBRINOLYSIS/ HUMAN/ LUNG DISEASES, blood/ *LUNG DISEASES, diagnosis/ LUNG DISEASES, radiography/ PULMONARY ARTERY, radiography/ PULMONARY EMBOLISM, blood/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1350. **Byrn JR, Fitzgerald JF, Northway JD, et al:** Unusual manifestations of Henoch–Schönlein syndrome. Am J Dis Child 130(12):1335–7, Dec 76
CASE REPORT/ CHILD/ HUMAN/ HYPERTENSION, complications/ INTESTINE, SMALL, radiography/ MALE/ PURPURA, SCHOENLEIN-HENOCH, complications/ *PURPURA, SCHOENLEIN-HENOCH, diagnosis/ SKIN MANIFESTATIONS/ TESTICULAR DISEASES, complications/ THROMBOCYTOSIS, complications/ TIME FACTORS

1351. **Byrne GI:** Requirements for ingestion of Chlamydia psittaci by mouse fibroblasts (L cells). Infect Immun 14(3):645–51, Sep 76
BINDING SITES, radiation effects/ *CHLAMYDIA PSITTACI/ CHLAMYDIA PSITTACI, radiation effects/ CYCLOHEXIMIDE, pharmacodynamics/ HEAT/ *L CELLS, physiology/ *PHAGOCYTOSIS/ PHAGOCYTOSIS, drug effects/ TRYPSIN, pharmacodynamics/ ULTRAVIOLET RAYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1352. **Byrne J:** Hematology: part VIII. Coagulation studies: part 1. Tests of vascular and platelet function. Nursing (Jenkintown) 7(5):8–10, May 77
BLOOD CELL COUNT/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ HUMAN

1353. **Byrne J:** Hematology: part IX. Coagulation studies: part II. Tests of plasma-clotting factors. Nursing (Jenkintown) 7(6):24–5, Jun 77

*BLOOD COAGULATION TESTS/ FIBRINOGEN, analysis/ HUMAN/ PROTHROMBIN TIME/ THROMBOPLASTIN, analysis

1354. **Byrnes DJ, Marjason JP:** Radioimmunoassay of secretin in plasma. Horm Metab Res 8(5):361–5, Sep 76
ANIMAL/ AZIDES/ DRUG STABILITY/ DUODENUM, physiology/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR/ MICROCHEMISTRY/ RABBITS/ RADIOIMMUNOASSAY, methods/ *SECRETIN, blood/ SECRETIN, isolation & purification

1355. **Byrom FB:** The third Volhard lecture. Tension and the artery: the experimental elucidation of pseudo-uraemia and malignant nephrosclerosis. Clin Sci Mol Med 51 Suppl 3:35–115, Dec 76 (53 ref.)
ANIMAL/ ARTERIES, physiopathology/ BRAIN DISEASES, etiology/ CEREBROVASCULAR CIRCULATION/ ENDARTERITIS, etiology/ HUMAN/ *HYPERTENSION, complications/ HYPERTENSION, physiopathology/ HYPERTENSION, MALIGNANT, etiology/ *NEPHROSCLEROSIS, etiology/ RATS/ REVIEW/ THROMBOSIS, complications/ *UREMIA, etiology

C

1356. **Cabilly S, Gallily R:** Studies on the recognition of xenogeneic cells by nonimmune macrophages. I. Destruction of chicken fibroblasts in vitro by murine macrophages. Cell Immunol 29(1):54–65, 1 Mar 77
ANIMAL/ *ANTIGENS/ ANTILYMPHOCYTE SERUM/ CELL AGGREGATION/ CELL DIVISION/ CELL MEMBRANE, immunology/ CELLS, CULTURED/ CHICK EMBRYO/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *IMMUNITY/ IN VITRO/ MACROPHAGES, drug effects/ *MACROPHAGES, immunology/ MACROPHAGES, physiology/ MICE/ MICE, INBRED BALB C/ MICE, INBRED C57BL/ NEURAMINIDASE, pharmacodynamics/ RATS/ SPECIES SPECIFICITY/ T-LYMPHOCYTES, immunology/ THIOGLYCOLATES, pharmacodynamics/ THYMIDINE, metabolism/ TRYPSIN, pharmacodynamics

1357. **Cabrol A, Gandjbakhch I, Guiraudon G, et al:** Traitement chirurgical des embolies pulmonaires chroniques Ann Med Interne (Paris) 127(10):775–7, Oct 76 **(Fre)**
BRONCHIAL ARTERIES, radiography/ CHRONIC DISEASE/ HUMAN/ METHODS/ POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ *PULMONARY EMBOLISM, surgery

1358. **Cabrol C, Cabrol A, Gandjbakhch I, et al:** Traitement chirurgical des thromboses chroniques post-emboliques de l'artère pulmonaire Ann Cardiol Angeiol (Paris) 25 Suppl:463–7, Nov 76 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, mortality/ *PULMONARY EMBOLISM, surgery/ THROMBOSIS, etiology/ *THROMBOSIS, surgery

1359. **Cade JF:** Disseminated intravascular coagulation. Aust NZ J Surg 46(4):314–8, Nov 76
*DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEMORRHAGIC DIATHESIS, etiology/ HEPARIN, therapeutic use/ HUMAN/ ISCHEMIA, etiology/ SHOCK, complications

1360. **Cade R, Spooner G, Juncos L, et al:** Chronic renal vein thrombosis. Am J Med 63(3):387–97, Sep 77
ADOLESCENCE/ ADULT/ AGED/ ANGIOGRAPHY/ BICARBONATES, metabolism/ BIOPSY/ CHLORIDES, blood/ CHRONIC DISEASE/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ GLYCOSURIA, etiology/ HEMATURIA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ NEPHROTIC SYNDROME, etiology/ PAIN, etiology/ PNEUMONIA, etiology/ PROTEINURIA, etiology/ PYURIA, etiology/ *RENAL VEINS/ RENAL VEINS, radiography/ THROMBOSIS, complications/ *THROMBOSIS, diagnosis/ THROMBOSIS, radiography

1361. **Cadet J, Guttin-Lombard M, Teoule R:** Gamma radiolysis of thymine in oxygen-free aqueous solution in the presence of electron affinic radiosensitizers: identification of stable products. Int J Radiat Biol 30(1):1–11, Jul 76
CYCLIC N-OXIDES/ ETHYLMALEIMIDE/ GAMMA RAYS/ METRONIDAZOLE/ NAPHTHOQUINONES/ NITROFURANS/ OXYGEN/ *RADIATION-SENSITIZING AGENTS/ *THYMINE, radiation effects/ TRIACETONEAMINE-N-OXYL/ VITAMIN K

1362. **Cadet J, Teoule R:** Molecular aspects of chemical radiosensitization. J Radiat Res (Tokyo) 18(2):93–101, May 77 (59 ref.)
ACETOPHENONES/ CYCLIC N-OXIDES/ DIAMIDE/ ELECTRON TRANSPORT/ ETHYLMALEIMIDE/ FREE RADICALS/ METRONIDAZOLE/ NIFUROXIME/ PROPIOPHENONES/ *RADIATION-SENSITIZING AGENTS/ REVIEW/ THYMINE, radiation effects/ URACIL, radiation effects/ VITAMIN K

1363. **Caen JP, Michel H, Tobelem G, et al:** Adhesion and aggregation of human platelets to rabbit subendothelium. A new approach for investigation: specific antibodies. Experientia 33(1):91–3, 15 Jan 77
ANTIBODIES/ ANTIBODY SPECIFICITY/ BLOOD COAGULATION DISORDERS, immunology/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD PLATELET DISORDERS, immunology/ BLOOD PLATELET DISORDERS, physiopathology/ BLOOD PLATELETS, immunology/ ENDOTHELIUM, immunology/ HUMAN/ IGG, analysis/ *PLATELET ADHESIVENESS/ *PLATELET AGGREGATION/ RABBITS, immunology

1364. **Cafiero M, Buono G, Rocca G, et al:** L'importanza dell'aggregazione plastrinica nei portatori di protesi valvolari Clin Ter 78(1):35–46, 15 Jul 76 **(Ita)**
ANTICOAGULANTS, therapeutic use/ *HEART VALVE PROSTHESIS/ HUMAN/ *PLATELET AGGREGATION/ THROMBOEMBOLISM, prevention & control

1365. **Cairns JW, Mahon A, Waters DA, et al:** Platelet levels in pregnancy [letter]. J Clin Pathol 30(4):392, Apr 77
BLOOD CELL COUNT/ *BLOOD PLATELETS/ FEMALE/ HUMAN/ *PREGNANCY

1366. **Cairo-Antelo JM, Gómez-Parga JL:** Enfermedad de von Villebrand-Jürgens y reproducción.
Acta Obstet Ginecol Hisp Lusit 25(1):51–60, Jan 77 **(Spa)**
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY/ *VON WILLEBRAND'S DISEASE

1367. **Calberg G:** Thrombose bilatérale et symétrique de l'artère cubitale. A propos du'un cas Acta Orthop Belg 42(3):272–6, May-Jun 76 (Eng. Abstr.) **(Fre)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ *FOREARM, blood supply/ *HAND, blood supply/ HUMAN/ MALE/ SPASM, etiology/ *THROMBOSIS/ THROMBOSIS, complications/ THROMBOSIS, surgery

1368. **Caldwell TB 3d, Blunk JN, Escobar A:** Experience with deep hypothermia and elective circulatory arrest for cardiac surgery in infants. South Med J 70(6):681–5, Jun 77
ACID-BASE EQUILIBRIUM, drug effects/ ALKALOSIS, RESPIRATORY, complications/ ARRHYTHMIA, etiology/ BLOOD PRESERVATION/ CITRATES, pharmacodynamics/ GLUCOSE, pharmacodynamics/ *HEART ARREST, INDUCED/ *HEART DEFECTS, CONGENITAL, surgery/ HEPARIN, pharmacodynamics/ HUMAN/ *HYPOTHERMIA, INDUCED/ INFANT/ POSTOPERATIVE

COMPLICATIONS/ POTASSIUM, blood

1369. **Calvert MH, Gough MH:** The effect of anti-thrombotic drugs on prosthetic grafts in the canine inferios vena cava. Br J Surg 63(12):910–3, Dec 76
ANIMAL/ *BLOOD VESSEL PROSTHESIS/ COLLATERAL CIRCULATION, drug effects/ DOGS/ FIBRINOLYTIC AGENTS/ HISTOCOMPATIBILITY, drug effects/ *PHENYLBUTAZONE, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ POLYETHYLENE TEREPHTHALATE/ VENA CAVA, INFERIOR, radiography/ *VENA CAVA, INFERIOR, surgery

1370. **Calza G:** Studio sui disturbi dell'emocoagulazione dopo interventi in circolazione extracorporea nel lattante e nel bambino. Minerva Cardioangiol 25(4):279–88, Apr 77 (63 ref.) (Eng. Abstr.) **(Ita)**
*BLOOD COAGULATION DISORDERS, etiology/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION, adverse effects/ FIBRINOLYSIS/ HEART DEFECTS, CONGENITAL, surgery/ HEART INJURIES, surgery/ HEMORRHAGE, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ REVIEW/ THROMBOPENIA, etiology

1371. **Cambouroglou G, Papathanassiou B, Koutoulidis C, et al:** Haemophlic arthropathy surveyed with whole-body gamma-camera scinitgraphy. Acta Orthop Scand 47(6):607–12, Dec 76
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE, complications/ HEMARTHROSIS, diagnosis/ HEMARTHROSIS, etiology/ *HEMOPHILIA, complications/ HUMAN/ *JOINT DISEASES, diagnosis/ JOINT DISEASES, etiology/ JOINT DISEASES, radiography/ MIDDLE AGE/ *RADIONUCLIDE IMAGING/ RADIONUCLIDE IMAGING, instrumentation/ *WHOLE BODY COUNTERS/ WHOLE BODY COUNTERS, instrumentation

1372. **Camenisch R, Filippini L:** Praxisbezogene aktuelle Enzymdiagnostik in der Gastroenterologie Praxis 66(7):200–5, 15 Feb 77 (Eng. Abstr.) **(Ger)**
AMYLASE, urine/ *CHOLESTASIS, diagnosis/ CHYMOTRYPSIN, analysis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ ENZYME TESTS/ FECES, enzymology/ GLUTAMYL TRANSPEPTIDASE, metabolism/ *HEPATITIS, diagnosis/ HUMAN/ LACTATE DEHYDROGENASE, metabolism/ PANCREATITIS, diagnosis

1373. **Cameron DJ, Erlanger BF:** Evidence for multispecificity of antibody molecules. Nature 268(5622):763–5, 25 Aug 77
*ADENOSINE MONOPHOSPHATE, immunology/ *ANTIBODY SPECIFICITY/ *BINDING SITES, ANTIBODY/ BINDING, COMPETITIVE/ CROSS REACTIONS/ DINITROBENZENES, immunology/ GRAMICIDINS, immunology/ HAPTENS/ HYDRALAZINE, immunology/ LIGANDS/ LYMPHOCYTES, immunology/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K, immunology

1374. **Cameron JS:** Influence of treatment upon the natural history of glomerulonephritis. pp. 492–9.
In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a. (29 ref.)
*ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ *ANTICOAGULANTS, therapeutic use/ AZATHIOPRINE, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ DIURETICS, therapeutic use/ DRUG EVALUATION/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, etiology/ HUMAN/ HYPERTENSION, RENAL, drug therapy/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INDOMETHACIN, therapeutic use/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ MONOGRAPH/ REVIEW

1375. **Cameron JS:** Treatment of glomerulonephritis by drugs. Br Med J 1(6074):1457–9, 4 Jun 77
ADRENAL CORTEX HORMONES, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, immunology/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ PLASMAPHERESIS/ REMISSION

1376. **Cameron JS:** Platelets and glomerulonephritis. Nephron 18(5):253–8, 1977 (33 ref.)
*BLOOD PLATELETS, physiology/ GLOMERULONEPHRITIS, blood/ *GLOMERULONEPHRITIS, immunology/ HUMAN/ IGG/ IGM/ PLATELET AGGREGATION/ REVIEW

1377. **Cameroni R, Gamberini G, Ferioli V, et al:** Sul polimorfismo dell'etilbiscumacetato Farmaco [Prat] 32(3):125–38, Mar 77 (Eng. Abstr.) **(Ita)**
CRYSTALLIZATION/ ENGLISH ABSTRACT/ *ETHYL BISCOUMACETATE, analysis/ NUCLEAR MAGNETIC RESONANCE/ SPECTROPHOTOMETRY, INFRARED/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE

1378. **Campbell FP:** Coats' disease and congenital vascular retinopathy. Trans Am Ophthalmol Soc 74:365–424, 1977
ADOLESCENCE/ ADULT/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ EYE NEOPLASMS, etiology/ FEMALE/ HEMANGIOMA, etiology/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MALE/ MIDDLE AGE/ *RETINAL DISEASES, congenital/ RETINAL HEMORRHAGE, etiology/ *RETINAL VESSELS, abnormalities/ *RETINITIS/ RETINITIS, familial & genetic/ RETINITIS, history/ SYNDROME/ *TELANGIECTASIS/ TELANGIECTASIS, familial & genetic/ TELANGIECTASIS, history

1379. **Campbell HD, Payne RW:** Dental extractions in a family with von Willebrand's disease. Br Dent J 142(12):402–4, 21 Jun 77
CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ *HEMORRHAGE, ORAL, etiology/ HUMAN/ MEDICAL HISTORY TAKING/ *TOOTH EXTRACTION, adverse effects/ *VON WILLEBRAND'S DISEASE, complications

1380. **Campbell JB, Romach M, Ellins ML:** Rubella hemagglutination-inhibition test: false-positive reactions in sera contaminated with bacteria. J Clin Microbiol 4(5):389–93, Nov 76
BACILLUS SUBTILIS/ *BLOOD, microbiology/ ESCHERICHIA COLI/ FALSE POSITIVE REACTIONS/ *HEMAGGLUTINATION INHIBITION TESTS/ HEPARIN, pharmacodynamics/ MANGANESE, pharmacodynamics/ PSEUDOMONAS FLUORESCENS/ *RUBELLA, diagnosis/ SPECIMEN HANDLING/ STAPHYLOCOCCUS AUREUS/ STREPTOCOCCUS FAECALIS

1381. **Campbell M, Friedman E, Green WH, et al:** Blood platelet monoamine oxidase activity in schizophrenic children and their families. A preliminary study. Neuropsychobiology 2(4):239–46, 1976
ADOLESCENCE/ ADULT/ AGE FACTORS/ *BLOOD PLATELETS, enzymology/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ *MONOAMINE OXIDASE, blood/ SCHIZOPHRENIA, blood/ *SCHIZOPHRENIA, familial & genetic/ *SCHIZOPHRENIA, CHILDHOOD, enzymology

1382. **Campbell RC, Neault RW, Brubaker RF:** The corneal penetration of 6-aminohexanoic acid. Invest Ophthalmol 15(10):857–60, Oct 76
*AMINOCAPROIC ACIDS, metabolism/ ANIMAL/ *ANTERIOR CHAMBER, metabolism/ *CELL MEMBRANE PERMEABILITY/

CONJUNCTIVA, metabolism/ CORNEA, drug effects/ *CORNEA, metabolism/ KINETICS/ MONKEYS/ RHESUS MONKEYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ 6-AMINOCAPROIC ACID, administration & dosage/ *6-AMINOCAPROIC ACID, metabolism

1383. **Candia Carnevali M, Salimbeni S, Spelta A:** Multivesicular structures and effects of some aggregation inhibitors in guinea-pig platelets. Haematologica (Pavia) 62(2):127-35, Apr 77
ANIMAL/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, ultrastructure/ GUINEA PIGS/ *INDOLES, pharmacodynamics/ *PHENYLBUTYRATES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects

1384. **Cannarozzi DB, Wardlaw SC, McPhedran P:** An improved turbidimetric method for plasma fibrinogen. Am J Med Technol 43(3):211-5, Mar 77
*FIBRINOGEN, analysis/ HUMAN/ *PHOTOMETRY, methods/ *TURBIDIMETRY, methods

1385. **Cannistraro S, Van de Vorst A:** ESR and optical absorption evidence for free radical involvement in the photosensitizing action of furocoumarin derivatives and for their singlet oxygen production. Biochim Biophys Acta 476(2):166-77, 17 May 77
*COUMARINS, pharmacodynamics/ ELECTRON SPIN RESONANCE/ ENERGY TRANSFER/ FREE RADICALS/ LIGHT/ OXYGEN/ *THYMIDINE, radiation effects/ *THYMIDYLIC ACIDS, radiation effects/ *THYMINE NUCLEOTIDES, radiation effects/ *THYMINE, radiation effects

1386. **Cano A, Pestarña A:** Regulation of histone acetyltransferase activity during the development of Artemia salina. Characterization of an inhibitor in nauplius larvae. Dev Biol 54(2):276-87, Dec 76
ACETYLTRANSFERASES, antagonists & inhibitors/ *ACETYLTRANSFERASES, metabolism/ ANIMAL/ DNA/ HISTONES/ LARVA/ PROTAMINES/ *SHRIMP, enzymology

1387. **Canoso RT, Hutton RA, Deykin D:** A chlorpromazine-induced inhibitor of blood coagulation. Am J Hematol 2(2):183-91, 1977
ADULT/ *BLOOD COAGULATION, drug effects/ CASE REPORT/ *CHLORPROMAZINE, adverse effects/ CHLORPROMAZINE, metabolism/ DEPRESSION, CHEMICAL/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ SCHIZOPHRENIA, drug therapy/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1388. **Cantor DK, Danna BL:** Differential diagnosis of the thrombophlebitis. J Foot Surg 16(2):59-65, Summer 77
ARTHRITIS, RHEUMATOID, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HEMORRHAGE, diagnosis/ HUMAN/ NERVE COMPRESSION SYNDROMES, diagnosis/ PHYSICAL EXAMINATION/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ ULTRASONICS, diagnostic use

1389. **Caplan AI:** A simplified procedure for preparing myogenic cells for culture. J Embryol Exp Morphol 36(1):175-81, Aug 76
ANIMAL/ CELL FUSION/ CELL NUCLEUS/ CELL SEPARATION/ CELLS, CULTURED/ CHICK EMBRYO/ COMPARATIVE STUDY/ CULTURE MEDIA/ *CYTOLOGICAL TECHNICS/ MUSCLE CONTRACTION/ *MUSCLES/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1390. **Caplin JA, Capriles A, Straub DL, et al:** Allergy in the Wiskott Aldrich syndrome: a case report. Ann Allergy 39(1):43-4, Jul 77
ALDRICH SYNDROME, blood/ *ALDRICH SYNDROME, complications/ ALDRICH SYNDROME, immunology/ BLOOD CELL COUNT/ CASE REPORT/ HUMAN/ HYPERSENSITIVITY, blood/ *HYPERSENSITIVITY, complications/ HYPERSENSITIVITY, immunology/ IMMUNOGLOBULINS, analysis/ INFANT/ MALE/ RADIOALLERGOSORBENT TEST

1391. **Capony JP, Pina C, Pechère JF:** Parvalbumin from rabbit muscle. Isolation and primary structure. Eur J Biochem 70(1):123-35, 1 Nov 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHYMOTRYPSIN/ MOLECULAR WEIGHT/ *MUSCLE PROTEINS/ MUSCLE PROTEINS, isolation & purification/ *MUSCLES/ *PARVALBUMINS/ PARVALBUMINS, isolation & purification/ PEPTIDE FRAGMENTS, analysis/ RABBITS/ THERMOLYSIN/ TROPONIN/ TRYPSIN

1392. **Cappa F, Pasqua C, Tobia M, et al:** Ascite ed idrotorace da iperstimolazione endogena di H.C.G. in un caso di mola vescicolare destruens con secondaria insufficienza renale irreversibile da coagulazione intravasale disseminata Riv Ital Ginecol 56(5-6):363-8, Sep-Oct 76 (Eng. Abstr.) **(Ita)**
ADULT/ ASCITES, blood/ *ASCITES, etiology/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FEMALE/ *GONADOTROPINS, CHORIONIC, blood/ HUMAN/ HYDATIDIFORM MOLE, blood/ *HYDATIDIFORM MOLE, complications/ HYDROTHORAX, blood/ *HYDROTHORAX, etiology/ KIDNEY FAILURE, ACUTE, blood/ *KIDNEY FAILURE, ACUTE, etiology/ PREGNANCY

1393. **Capperauld I, Lawrie P, French DA:** Properties of bovine fibrin absorbable implants. Surg Gynecol Obstet 144(1):2-7, Jan 77
ABSORPTION/ ANIMAL/ ANTIGENS/ *BIOCOMPATIBLE MATERIALS/ CATTLE/ *FIBRIN/ FORMALDEHYDE, pharmacodynamics/ *HEMOSTASIS, SURGICAL/ MALE/ MODELS, BIOLOGICAL/ *PROSTHESIS/ RABBITS/ RATS

1394. **Capra JD, Tung AS, Nisonoff A:** Structural studies on induced antibodies with defined idiotypic specificities. V. The complete amino acid sequence of the light chain variable regions of anti-p-azophenylarsonate antibodies from A/J mice bearing a cross-reactive idiotype. J Immunol 119(3):993-9, Sep 77
*P-AZOBENZENEARSONATE, immunology/ AMINO ACID SEQUENCE/ ANIMAL/ *ANTIBODIES, analysis/ *ANTIGENIC DETERMINANTS/ *AZO COMPOUNDS, immunology/ *BINDING SITES, ANTIBODY/ CHROMATOGRAPHY, GEL/ CITRACONIC ANHYDRIDE, pharmacodynamics/ *CROSS REACTIONS/ GENOTYPE/ *IMMUNOGLOBULIN VARIABLE REGION/ *IMMUNOGLOBULINS, LIGHT CHAIN, analysis/ MICE/ MICE, INBRED A/ PEPTIDES, analysis/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1395. **Caprini JA, Zuckerman L, Cohen E, et al:** The identification of accelerated coagulability. Thromb Res 9(2):167-80, Aug 76
*BLOOD COAGULATION/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ HUMAN/ *NEOPLASMS, diagnosis/ *THROMBELASTOGRAPHY/ TIME FACTORS

1396. **Caprini JA, Zoellner JL, Weisman M:** Heparin therapy-part I. Cardiovasc Nurs 13(3):13-6, May-Jun 77
HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL, instrumentation/ *THROMBOEMBOLISM, drug therapy

1397. **Caprini JA, Zoellner JL, Weisman M:** Heparin therapy - Part II. Cardiovasc Nurs 13(4):17-20, Jul-Aug 77
HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ INJECTIONS/ *PULMONARY EMBOLISM, drug therapy/ *THROMBOPHLEBITIS, drug therapy

1398. **Caprini JA, Lipp V, Zuckerman L, et al:** Hematologic changes following burns. J Surg Res 22(6):626-35, Jun 77

ADULT/ BLOOD COAGULATION TESTS/ BURNS, blood/ *BURNS, complications/ BURNS, mortality/ COMPLEMENT 3, metabolism/ COMPLEMENT 4, metabolism/ FACTOR XII, metabolism/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRINOGEN, metabolism/ HUMAN/ ILLINOIS/ KALLIKREIN, metabolism/ KAOLIN, blood/ MIDDLE AGE/ PLASMINOGEN, metabolism/ PROGNOSIS

1399. **Capritti AG:** Valutazione degli effetti indotti sul cuore senile dalla somministrazione di acido 3,4,5-trimetossi-benzoil-e-amino-caproico (ATBC) Arch Sci Med (Torino) 133(4):381-5, Oct-Dec 76 (Eng. Abstr.) **(Ita)**
AGE FACTORS/ AGED/ *AMINOCAPROIC ACIDS, pharmacodynamics/ BLOOD CIRCULATION, drug effects/ BLOOD PRESSURE, drug effects/ ENGLISH ABSTRACT/ FEMALE/ *HEART, drug effects/ HEART, physiology/ HUMAN/ MALE/ MIDDLE AGE

1400. **Caraveo J, Trowbridge AA, Amaral BW, et al:** Bone marrow necrosis associated with a Mucor infection. Am J Med 62(3):404-8, Mar 77
AGED/ BONE MARROW CELLS, pathology/ CASE REPORT/ CYSTS, microbiology/ HUMAN/ KIDNEY DISEASES, microbiology/ MALE/ MUCOR, isolation & purification/ *MUCORMYCOSIS, complications/ MUCORMYCOSIS, diagnosis/ MUCORMYCOSIS, microbiology/ MUCORMYCOSIS, pathology/ NECROSIS/ *OSTEOMYELITIS, complications/ OSTEOMYELITIS, diagnosis/ OSTEOMYELITIS, microbiology/ OSTEOMYELITIS, pathology/ THROMBOPENIA, diagnosis

1401. **Cardamone JM, Reese EP Jr:** Ocular enucleation in a patient with severe classic hemophilia A. Am J Ophthalmol 82(5):767-9, Nov 76
ADULT/ CASE REPORT/ CRYOGLOBULINS, administration & dosage/ *EYE INJURIES, surgery/ EYE, surgery/ EYE, ARTIFICIAL/ FACTOR VIII, administration & dosage/ FACTOR VIII, analysis/ HEMOPHILIA, blood/ *HEMOPHILIA, complications/ *HEMOSTASIS, SURGICAL, methods/ HUMAN/ MALE/ 6-AMINOCAPROIC ACID, administration & dosage

1402. **Cardoso RD, Brockhurst RJ:** Perforating diathermy coagulation for retinal angiomas. Arch Ophthalmol 94(10):1702-15, Oct 76
ADOLESCENCE/ ADULT/ ANEMIA, SICKLE CELL, complications/ ANGIOMATOSIS, surgery/ CASE REPORT/ *ELECTROCOAGULATION, methods/ EYE NEOPLASMS, complications/ *EYE NEOPLASMS, surgery/ FEMALE/ HEMANGIOMA, complications/ *HEMANGIOMA, surgery/ HIPPEL-LINDAU DISEASE, surgery/ HUMAN/ MALE/ MIDDLE AGE/ RETINA, surgery/ RETINAL DETACHMENT, etiology/ SCLERAL BUCKLING/ TELANGIECTASIS, surgery/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UVEITIS, surgery/ VISUAL ACUITY/ WOUND HEALING

1403. **Carella AM, Bacigalupo A, Santini G, et al:** Peptichemio: A new oncolytic drug in combination with vincristine and prednisolone in the treatment of non-Hodgkin lymphomas. Acta Haematol (Basel) 57(4):211-24, Mar 77
ALOPECIA, chemically induced/ CHEMISTRY/ CLINICAL RESEARCH/ DRUG EVALUATION/ DRUG THERAPY, COMBINATION/ HUMAN/ *LYMPHOMA, drug therapy/ LYMPHOMA, pathology/ METHYLPREDNISOLONE, adverse effects/ *METHYLPREDNISOLONE, therapeutic use/ *NITROGEN MUSTARD COMPOUNDS, therapeutic use/ PEPTICHEMIO, adverse effects/ *PEPTICHEMIO, therapeutic use/ PNEUMOMEDIASTINUM, DIAGNOSTIC/ SEROSITIS, chemically induced/ THROMBOPHLEBITIS, chemically induced/ VINCRISTINE, adverse effects/ *VINCRISTINE, therapeutic use

1404. **Caresano A, Del Favero C, Crivelli G, et al:** L'arteriografia selettiva delle arterie carotidi e vertebrali per via femorale: bilancio su 225 pazienti. Radiol Med (Torino) 63(3):225-32, Mar 77 **(Ita)**
*CAROTID ARTERIES, radiography/ CATHETERIZATION, adverse effects/ *CEREBRAL ANGIOGRAPHY/ CEREBRAL ANGIOGRAPHY, adverse effects/ CEREBRAL ANGIOGRAPHY, methods/ FEMORAL ARTERY/ HEMATOMA, etiology/ HUMAN/ POPLITEAL ARTERY/ PULMONARY EDEMA, etiology/ THROMBOEMBOLISM, etiology/ *VERTEBRAL ARTERY, radiography

1405. **Caresano G:** L'emangioma cavernoso dell'ovaio. Presentazione di un caso e rassegna della bibliografia Minerva Ginecol 29(2):103-6, Feb 77 (Eng. Abstr.)**(Ita)**
AGE FACTORS/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ *OVARIAN NEOPLASMS, pathology

1406. **Carey HM:** Thrombosis--perspective on a major side effect of oral contraceptives [letter]. Med J Aust 2(25-26):962, 18-25 Dec 76
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *THROMBOSIS, chemically induced

1407. **Carlin G, Wik KO, Arfors KE, et al:** Influences on the formation and structure of fibrin. Thromb Res 9(6):623-36, Dec 76
ANIMAL/ BLOOD COAGULATION, drug effects/ CATTLE/ FIBRIN, analysis/ *FIBRIN, physiology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MACROMOLECULAR SYSTEMS/ POLYMERS, pharmacodynamics/ PROTHROMBIN TIME

1408. **Carlson SS, Mross GA, Wilson AC, et al:** Primary structure of mouse, rat, and guinea pig cytochrome c. Biochemistry 16(7):1437-42, 5 Apr 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHYMOTRYPSIN/ COMPARATIVE STUDY/ *CYTOCHROME C/ GUINEA PIGS/ MICE/ MICE, INBRED BALB C/ PEPTIDE FRAGMENTS, analysis/ RATS/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1409. **Carlson TH, Fradl DC, Leonard BD, et al:** Fibrinogen synthesis stimulation by prostaglandin E1 and some other vasodilators. Am J Physiol 233(1):H1-19, Jul 77
ACETYLCHOLINE, pharmacodynamics/ ANIMAL/ BLOOD PRESSURE, drug effects/ BRADYKININ, pharmacodynamics/ CORTICOTROPIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FIBRINOGEN, biosynthesis/ HEART RATE, drug effects/ HISTAMINE, pharmacodynamics/ MALE/ NOREPINEPHRINE, pharmacodynamics/ *PROSTAGLANDINS E, pharmacodynamics/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1410. **Carlsson A, Hedner U, Nilsson IM, et al:** Blödning vid total höftledsplastik enligt Charnley Lakartidningen 74(10):918-20, 9 Mar 77 (Eng. Abstr.) **(Swe)**
ANESTHESIA, CONDUCTION/ BLOOD TRANSFUSION/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGE, etiology/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS, adverse effects/ MALE/ THROMBOSIS, prevention & control

1411. **Carmel RJ, Brown JM:** The effect of cyclophosphamide and other drugs on the incidence of pulmonary metastases in mice. Cancer Res 37(1):145-51, Jan 77
AGE FACTORS/ ANIMAL/ *ANTINEOPLASTIC AGENTS, adverse effects/ ASPIRIN, pharmacodynamics/ *CYCLOPHOSPHAMIDE, adverse effects/ DACTINOMYCIN, adverse effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ IMMUNOSUPPRESSION/ *LUNG NEOPLASMS/ MICE/ MICE, INBRED C3H/ MITHRAMYCIN, adverse effects/ *NEOPLASM METASTASIS/ NEOPLASM TRANSPLANTATION/ RADIATION EFFECTS/ SARCOMA, EXPERIMENTAL/ UNITED STATES GOVERNMENT

SUPPORTED, N.I.H./ WARFARIN, pharmacodynamics

1412. **Carnelli V, Bellini F, Ferrari M, et al:** Giant hemangioma with consumption coagulopathy: sustained response to heparin and radiotherapy [letter] J Pediatr 91(3):504–5, Sep 77
CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, radiotherapy/ *HEMANGIOMA, complications/ HEMANGIOMA, drug therapy/ HEMANGIOMA, radiotherapy/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ MALE

1413. **Carney DH, Cunningham DD:** Initiation of check cell division by trypsin action at the cell surface. Nature 268(5621):602–6, 18 Aug 77
*CELL DIVISION, drug effects/ *CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ CELLS, CULTURED/ CHICK EMBRYO/ ENZYMES, IMMOBILIZED, metabolism/ MITOGENS/ POLYSTYRENES, pharmacodynamics/ SOLUBILITY/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN, metabolism/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1414. **Caro DJ, Brown JS:** Hemangioma of bladder. Urology 7(5):479–81, Nov 76
ADULT/ *BLADDER NEOPLASMS, surgery/ BLADDER NEOPLASMS, complications/ BLADDER NEOPLASMS, pathology/ BLADDER, pathology/ BLADDER, surgery/ CASE REPORT/ FEMALE/ HEMANGIOMA, CAVERNOUS, complications/ HEMATURIA, etiology/ HUMAN/ SARCOMA, KAPOSI'S, complications/ SARCOMA, KAPOSI'S, pathology/ *SARCOMA, KAPOSI'S, surgery/ VULVAR NEOPLASMS, complications

1415. **Caron J, Caron-Poitreau C:** Intérêt diagnostique de l'étude des lignes du médiastin sur l'incidence thoracique de face J Radiol Electrol Med Nucl 57(12):911–5, Dec 76 **(Fre)**
ESOPHAGEAL NEOPLASMS, radiography/ HEMATOMA, radiography/ HERNIA, radiography/ HODGKIN'S DISEASE, radiography/ HUMAN/ LEIOMYOSARCOMA, radiography/ LUNG DISEASES, radiography/ MEDIASTINAL DISEASES, radiography/ PLEURAL EFFUSION, radiography/ SARCOIDOSIS, radiography/ *THORACIC RADIOGRAPHY

1416. **Carpenter G, Cohen S:** 125I-labeled human epidermal growth factor. Binding, internalization, and degradation in human fibroblasts. J Cell Biol 71(1):159–71, Oct 76
AMMONIUM CHLORIDE, pharmacodynamics/ ANESTHETICS, LOCAL, pharmacodynamics/ AZIDES, pharmacodynamics/ BINDING, COMPETITIVE/ *CELL MEMBRANE, metabolism/ CHLOROQUINE, pharmacodynamics/ CYANIDES, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ *EPIDERMAL GROWTH FACTORS, metabolism/ FIBROBLASTS/ FLUORIDES, pharmacodynamics/ HUMAN/ IODINE RADIOISOTOPES/ KINETICS/ *PEPTIDES, metabolism/ TEMPERATURE/ TRYPSIN INHIBITORS, pharmacodynamics

1417. **Carpenter NH, Gates DJ, Williams HT:** Normal processes and restraints in wound healing. Can J Surg 20(4):314–23, Jul 77
COLLAGEN, biosynthesis/ EDEMA/ EPITHELIUM, metabolism/ FIBROBLASTS/ HEMOSTASIS/ HEMOSTATIC TECHNICS/ HUMAN/ INFLAMMATION/ PEPTIDES/ PLATELET AGGREGATION/ SURGICAL WOUND INFECTION, etiology/ SUTURES/ TROPOCOLLAGEN/ *WOUND HEALING/ WOUND INFECTION, etiology

1418. **Carr ME Jr, Shen LL, Hermans J:** Mass-length ratio of fibrin fibers from gel permeation and light scattering. Biopolymers 16(1):1–15, Jan 77
*FIBRIN/ GELS/ HYDROGEN-ION CONCENTRATION/ LIGHT/ OSMOLAR CONCENTRATION/ PERMEABILITY/ PROTEIN CONFORMATION/ SCATTERING, RADIATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1419. **Carrabba M, Colombo B, Cherie Ligniere G:** Le collagenopeptidasi nell'artrite reumatoide: nota preliminare Reumatismo 27(1):59–62, 1975 (Eng. Abstr.) **(Ita)**
*ARTHRITIS, RHEUMATOID, enzymology/ CARTILAGE, metabolism/ COLLAGEN/ ENGLISH ABSTRACT/ HUMAN/ *PEPTIDE HYDROLASES, metabolism

1420. **Carreira J, Andreu JM, Muñoz E:** Differential sensitivity to trypsin digestion of purified forms of Micrococcus lysodeikticus ATPase (BFI). A study of their structural and conformational differences and mechanism of conversion. Biochim Biophys Acta 492(2):387–98, 24 Jun 77
*ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIONS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MACROMOLECULAR SYSTEMS/ *MICROCOCCUS, enzymology/ PROTEIN CONFORMATION/ *TRYPSIN

1421. **Carretero OA, Oza NB, Piwonska A, et al:** Measurement of urinary kallikrein activity by kinin radioimmunoassay. Biochem Pharmacol 25(20):2265–70, 15 Oct 76
ANIMAL/ ANTIBODY FORMATION/ BRADYKININ, immunology/ CHARCOAL/ DEXTRAN/ DOGS/ HUMAN/ IODINE RADIOISOTOPES/ *KALLIKREIN, urine/ *KININS, analysis/ METHODS/ RABBITS, immunology/ RADIOIMMUNOASSAY/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1422. **Carretero OA, Scicli AG, Piwonska A, et al:** Urinary kallikrein in rats bred for susceptibility and resistance to the hypertensive effect of salt and in New Zealand genetically hypertensive rats. Mayo Clin Proc 52(7):465–7, Jul 77
ANIMAL/ HYPERTENSION, etiology/ *HYPERTENSION, urine/ *KALLIKREIN, urine/ MALE/ RATS/ *RATS, INBRED STRAINS/ SODIUM CHLORIDE, pharmacodynamics/ SODIUM, urine

1423. **Carretta RF, DeNardo SJ, DeNardo GL, et al:** Early diagnosis of venous thrombosis using 125I-fibrinogen. J Nucl Med 18(1):5–10, Jan 77
COMPARATIVE STUDY/ *FIBRINOGEN, diagnostic use/ HEPATITIS B, prevention & control/ HUMAN/ *IODINE RADIOISOTOPES, diagnostic use/ *LEG, blood supply/ PHLEBOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ TIME FACTORS

1424. **Carroll EJ Jr:** Cortical granule proteases from sea urchin eggs. Methods Enzymol 45:343–53, 1976
ANIMAL/ BIOLOGICAL ASSAY/ DRUG STABILITY/ FEMALE/ KINETICS/ MALE/ METHODS/ MOLECULAR WEIGHT/ *OVUM, enzymology/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, isolation & purification/ *SEA URCHINS, enzymology/ SPERMATOZOA, physiology/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1425. **Carroll EJ Jr, Byrd EW, Epel D:** A novel procedure for obtaining denuded sea urchin eggs and observations on the role of the vitelline layer in sperm reception and egg activation. Exp Cell Res 108(2):365–74, Sep 77
AMMONIUM CHLORIDE, pharmacodynamics/ ANIMAL/ DITHIOTHREITOL/ EGG PROTEINS, biosynthesis/ *FERTILIZATION/ METHODS/ OVUM, metabolism/ OVUM, physiology/ *OVUM, ultrastructure/ PARTHENOGENESIS/ PEPTIDE HYDROLASES/ SEA URCHINS/ VALINE, metabolism/ *VITELLINE MEMBRANE, physiology/ ZYGOTE, metabolism

1426. **Carter DB, Ross DA, Ishaq KS, et al:** The inhibition of rat liver chromatin protease by congeners of the

phenylboronic acids. Biochim Biophys Acta 484(1):103–8, 15 Sep 77
ANIMAL/ *BORONIC ACIDS, pharmacodynamics/ CHROMATIN/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *LIVER, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN BINDING/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1427. **Carter JM, Freedman AB:** Total intravenous feeding in the dog. J Am Vet Med Assoc 171(1):71–6, 1 Jul 77
ANIMAL/ BODY WEIGHT/ CATHETERIZATION, adverse effects/ CATHETERIZATION, veterinary/ DOG DISEASES, etiology/ *DOGS/ DOGS, metabolism/ JUGULAR VEIN, pathology/ *PARENTERAL FEEDING, veterinary/ PARENTERAL HYPERALIMENTATION, adverse effects/ *PARENTERAL HYPERALIMENTATION, veterinary/ THROMBOSIS, etiology/ THROMBOSIS, veterinary

1428. **Carter RL:** Tumours of the soft tissues. IARC Sci Publ (5 Pt 1):151–67, 1973 (26 ref.)
ANGIOSARCOMA, pathology/ ANIMAL/ COMPARATIVE STUDY/ FIBROMA, pathology/ FIBROSARCOMA, pathology/ HEMANGIOENDOTHELIOMA, pathology/ HEMANGIOMA, pathology/ HUMAN/ LIPOMA, pathology/ LIPOSARCOMA, pathology/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, etiology/ NEOPLASMS, EXPERIMENTAL, pathology/ PRECANCEROUS CONDITIONS, pathology/ RATS/ REVIEW/ RHABDOMYOSARCOMA, pathology/ SOFT TISSUE NEOPLASMS, etiology/ *SOFT TISSUE NEOPLASMS, pathology

1429. **Cartia Q, Quaranta M, Lucarini L:** La pancreatite acuta enzimatica. Contributo clinico Minerva Med 68(22):1475–90, 5 May 77 (Eng. Abstr.) **(Ita)**
ACUTE DISEASE/ ADULT/ AGED/ AMYLASE, metabolism/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSIDASES, metabolism/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LIPASE, metabolism/ MALE/ MIDDLE AGE/ PANCREATITIS, drug therapy/ *PANCREATITIS, enzymology/ PANCREATITIS, surgery/ PEPTIDE HYDROLASES, metabolism

1430. **Carvalho AC, Vaillancourt RA, Cabral RB, et al:** Coagulation abnormalities in women taking oral contraceptives. JAMA 237(9):875–8, 28 Feb 77
ADULT/ *BLOOD COAGULATION DISORDERS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOLYSIS, drug effects/ HUMAN/ KALLIKREIN, antagonists & inhibitors/ KALLIKREIN, analysis/ MOLECULAR WEIGHT/ PLATELET AGGREGATION, drug effects/ SEROTONIN, blood/ TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1431. **Carvalho AC, Lees RS, Vaillancourt RA, et al:** Effect of clofibrate on intravascular coagulation in hyperlipoproteinemia. Circulation 56(1):114–8, Jul 77
ANTITHROMBINS, analysis/ ATHEROSCLEROSIS, drug therapy/ *CLOFIBRATE, therapeutic use/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR XII, analysis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HUMAN/ *HYPERLIPEMIA, complications/ KALLIKREIN-TRYPSIN INACTIVATOR/ PREKALLIKREIN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1432. **Casale G, Ricotti MP, Caliandro LP:** Fibrinogen turnover during the administration of high phospholipidic content placental extracts. Farmaco [Prat] 32(6):312–7, Jun 77
AGED/ BLOOD COAGULATION, drug effects/ *FIBRINOGEN, metabolism/ HALF-LIFE/ HUMAN/ *PHOSPHOLIPIDS, pharmacodynamics/ *PLACENTAL EXTRACTS, pharmacodynamics

1433. **Casarella WJ, Wilner GD:** Guide wire thrombogenicity measured by fibrinopeptide A radioimmunoassay. Am J Roentgenol 128(3):363–6, Mar 77
AMMONIUM COMPOUNDS, adverse effects/ *ANGIOGRAPHY, adverse effects/ ANGIOGRAPHY, instrumentation/ ANIMAL/ COMPARATIVE STUDY/ DOGS/ FEMALE/ *FIBRINOGEN, analysis/ *FIBRINOPEPTIDES A, analysis/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ MALE/ *POLYTETRAFLUOROETHYLENE, adverse effects/ RADIOIMMUNOASSAY/ *STAINLESS STEEL, adverse effects/ *THROMBOSIS, etiology/ THROMBOSIS, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1434. **Casas ER, Sánchez MP, Arias CR, et al:** Prophylaxis of venous thrombosis and pulmonary embolism in patients with acute traumatic spinal cord lesions. Paraplegia 14(3):178–83, Nov 76
ADOLESCENCE/ ADULT/ AGED/ CALCIUM, therapeutic use/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, prevention & control/ *SPINAL CORD INJURIES, complications/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

1435. **Casellato MM, Lugaro G, Pasta P, et al:** A new approach to preparation and purification of colostrokinin from bovine colostrum. Experientia 33(4):485–7, 15 Apr 77
ANIMAL/ BIOLOGICAL ASSAY/ CATTLE/ *COLOSTRUM, analysis/ FEMALE/ GUINEA PIGS/ ILEUM, drug effects/ *KININS/ KININS, isolation & purification/ KININS, pharmacodynamics/ MOLECULAR WEIGHT/ PAPAIN/ PEPSIN/ PREGNANCY/ RATS/ TRYPSIN/ UTERUS, drug effects

1436. **Cash JD, Spencely M:** Haemophilia A and the blood transfusion service: a Scottish study. Br Med J 2(6037):682–4, 18 Sep 76
*BLOOD DONORS/ *BLOOD TRANSFUSION/ CRYOGLOBULINS, therapeutic use/ FACTOR VIII, therapeutic use/ FREEZING/ *HEMOPHILIA, therapy/ HUMAN/ PLASMA/ SCOTLAND

1437. **Casillas E, Smith LS, D'Aoust BG:** The response of fish blood cells, particularly thrombocytes, to decompression. Undersea Biomed Res 3(3):273–81, Sep 76
ANIMAL/ ATMOSPHERE EXPOSURE CHAMBERS/ *ATMOSPHERIC PRESSURE/ BLOOD COAGULATION/ *BLOOD PLATELETS/ *SALMON, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1438. **Casillas G, Simonetti C, Pavlovsky A:** Estudios inmunológicos del factor VIII en la hemofilia y la enfermedad de von Willebrand. Medicina (B Aires) 37(3):215–22, May-Jun 77 (Eng. Abstr.) **(Spa)**
ANIMAL/ *ANTIGEN-ANTIBODY COMPLEX/ CATTLE/ ENGLISH ABSTRACT/ FACTOR VIII, biosynthesis/ *FACTOR VIII, immunology/ HEMOPHILIA, familial & genetic/ *HEMOPHILIA, immunology/ HUMAN/ MODELS, BIOLOGICAL/ RABBITS/ *VON WILLEBRAND'S DISEASE, immunology

1439. **Casley-Smith JR, Eckert P, Földi-Börcsök E:** The fine structure of pulmonary contusion and the effect of various drugs. Br J Exp Pathol 57(5):487–96, Oct 76
ANIMAL/ CONTUSIONS, drug therapy/ CONTUSIONS, metabolism/ *CONTUSIONS, pathology/ COUMARINS, therapeutic use/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *LUNG, injuries/ LUNG, ultrastructure/ MALE/ MICROSCOPY, ELECTRON/ PECTINS, therapeutic use/ PLASMA SUBSTITUTES, therapeutic use/ PROTEINS, metabolism/ PULMONARY EDEMA, pathology/ PULMONARY EDEMA, prevention & control/ RATS/ TIME FACTORS

1440. **Casley-Smith JR, Clodius L, Földi M:** Experimental blood

vascular and lymphatic occlusion in the rabbit ear and the effect of benzopyrones. Arzneim Forsch 27(2):379–82, Feb 77
ANIMAL/ *COUMARINS, pharmacodynamics/ DISEASE MODELS, ANIMAL/ DRUG COMBINATIONS/ *EAR, EXTERNAL, blood supply/ LYMPHATIC SYSTEM, drug effects/ LYMPHATIC SYSTEM, pathology/ *LYMPHATIC SYSTEM, physiology/ LYMPHEDEMA, pathology/ *LYMPHEDEMA, physiopathology/ MALE/ NECROSIS/ RABBITS/ *RUTIN, pharmacodynamics

1441. **Casley-Smith JR, Földi-Börcsök E, Földi M:** Fine structural aspects of the influence of lymphatic blockage on cold injury of the brain and skin, and the effects of benzo-pyrones. Arzneim Forsch 27(2):367–78, Feb 77
ANIMAL/ CAPILLARY PERMEABILITY, drug effects/ CEREBRAL CORTEX, drug effects/ CEREBRAL CORTEX, physiopathology/ *CEREBRAL CORTEX, ultrastructure/ *COLD, adverse effects/ *COUMARINS, pharmacodynamics/ DRUG COMBINATIONS/ LYMPHATIC SYSTEM, physiopathology/ LYMPHEDEMA, pathology/ *LYMPHEDEMA, physiopathology/ MALE/ MICROSCOPY, ELECTRON/ RATS/ *RUTIN, pharmacodynamics/ SKIN, drug effects/ SKIN, physiopathology/ *SKIN, ultrastructure

1442. **Casolo P, Perisi P:** Le turbe emodinamiche nella sindrome post-flebitica. Aspetti fisiopatologici e clinici Recent Prog Med (Roma) 60(1):76–96, Jan 76 (Eng. Abstr.) **(Ita)**
ENGLISH ABSTRACT/ *HEMODYNAMICS/ HUMAN/ *PHLEBITIS, complications/ THROMBOPHLEBITIS, complications/ VENOUS INSUFFICIENCY, etiology/ *VENOUS INSUFFICIENCY, physiopathology

1443. **Caspers ML, Posey Y, Brown RK:** Separator isoelectric focusing: an improved method of protein analysis and purification. Anal Biochem 79(1–2):166–80, 1 May 77
AMINOBUTYRIC ACIDS/ AMINOCAPROIC ACIDS/ AMYLASE, analysis/ ANTIBODIES, analysis/ BUFFERS/ GAMMA GLOBULINS, analysis/ HEMOGLOBINS, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING, methods/ *PROTEINS, analysis/ RIBONUCLEASE, immunology

1444. **Cassuto E, Gross N, Bardwell E, et al:** Genetic effects of photoadducts and photocross-links in the DNA of phage lambda exposed to 360 nm light and tri-methylpsoralen or khellin. Biochim Biophys Acta 475(4):589–600, 19 Apr 77
BINDING SITES/ COLIPHAGES, drug effects/ *COLIPHAGES, metabolism/ COLIPHAGES, radiation effects/ *COUMARINS, pharmacodynamics/ *DNA REPLICATION/ DNA REPLICATION, drug effects/ DNA REPLICATION, radiation effects/ *DNA, VIRAL, metabolism/ DNA, VIRAL, radiation effects/ *KHELLIN, pharmacodynamics/ LYSOGENY/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ RECOMBINATION, GENETIC, drug effects/ RECOMBINATION, GENETIC, radiation effects/ *TRIOXSALEN, pharmacodynamics/ *ULTRAVIOLET RAYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1445. **Castagna M, Palmer WK, Walsh DA:** Metabolism of N6,O2'-[3H]dibutyryl cyclic adenosine 3',5'-monophosphate and macromolecular interactions of the products perfused rat liver. Arch Biochem Biophys 181(1):46–60, May 77
ADENINE NUCLEOTIDES, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL/ CARRIER PROTEINS, metabolism/ CHROMATOGRAPHY, THIN LAYER/ CYTOSOL, metabolism/ *DIBUTYRYL CYCLIC AMP, metabolism/ *LIVER, metabolism/ MAGNESIUM, pharmacodynamics/ NUCLEOTIDES, metabolism/ PERFUSION/ PROTEIN KINASE, metabolism/ RATS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1446. **Castañeda N, Olvera C, de Aquino ME:** Heparina a infusión continua en lactantes con coagulación intravascular diseminada Bol Med Hosp Infant Mex 34(2):527–35, Mar-Apr 77 (Eng. Abstr.) **(Spa)**
BODY WEIGHT/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DRUG EVALUATION/ ENGLISH ABSTRACT/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ INFUSIONS, PARENTERAL

1447. **Castberg T:** Complications from the pacemaker pocket. Prophylaxis, treatment and results.
Acta Med Scand [Suppl] (596):51–4, 1976
ANTIBIOTICS, therapeutic use/ HEART DISEASES, etiology/ HEMATOMA, etiology/ HUMAN/ NECROSIS/ *PACEMAKER, ARTIFICIAL, adverse effects/ PACEMAKER, ARTIFICIAL, methods/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ SKIN, pathology/ SURGICAL WOUND INFECTION, prevention & control

1448. **Castellan RM, Steiner M:** Effect of platelet age on adhesiveness to collagen and platelet surface charge. Thromb Haemostas 36(2):392–400, 30 Nov 76
ANIMAL/ *BLOOD PLATELETS/ CELL MOVEMENT/ CELL SURVIVAL/ COLLAGEN/ ELECTROPHORESIS/ IN VITRO/ MALE/ PLATELET ADHESIVENESS/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1449. **Castellino FJ:** Activation of the fibrinolytic system by streptokinase. pp. 159–72.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
BINDING SITES/ HUMAN/ MODELS, BIOLOGICAL/ MOLECULAR WEIGHT/ MONOGRAPH/ PEPTIDES, metabolism/ *PLASMINOGEN, metabolism/ *STREPTOKINASE, metabolism/ STREPTOKINASE, pharmacodynamics

1450. **Castellino FJ, Sodetz JM, Brockway WJ, et al:** Streptokinase. Methods Enzymol 45:244–57, 1976
AMINO ACIDS, analysis/ CHROMATOGRAPHY, AFFINITY/ DRUG STABILITY/ HUMAN/ ISOELECTRIC FOCUSING/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ PLASMINOGEN/ *STREPTOKINASE/ STREPTOKINASE, analysis/ STREPTOKINASE, isolation & purification

1451. **Castellino FJ, Sodetz JM:** Rabbit plasminogen and plasmin isozymes. Methods Enzymol 45:273–86, 1976
AMINO ACIDS, analysis/ ANIMAL/ CHROMATOGRAPHY, AFFINITY/ COLORIMETRY/ *FIBRINOLYSIN/ FIBRINOLYSIN, analysis/ FIBRINOLYSIN, isolation & purification/ ISOELECTRIC FOCUSING/ *ISOENZYMES/ ISOENZYMES, analysis/ ISOENZYMES, isolation & purification/ ISOFLUROPHATE/ MACROMOLECULAR SYSTEMS/ METHODS/ MOLECULAR WEIGHT/ *PLASMINOGEN/ PLASMINOGEN, analysis/ PLASMINOGEN, isolation & purification/ POTENTIOMETRY/ PROTEIN CONFORMATION/ RABBITS

1452. **Castello G, Bruschi E, Ghelli G:** Gas chromatographic determination of the purity of vitamin K3 (menadione). J Chromatogr 139(1):195–202, 11 Sep 77
CHROMATOGRAPHY, GAS, methods/ QUALITY CONTROL/ SPECTROPHOTOMETRY, INFRARED/ SPECTRUM ANALYSIS, MASS/ *VITAMIN K, analysis

1453. **Castilho OT, Ferreira WP, Racy CJ, et al:** U uso de filtro para sangue durante a circulação extracorpórea. Análise do comportamento das plaquetas. Resultados preliminares Arq Bras Cardiol 29(6):497–9, Dec 76 (Eng. Abstr.) **(Por)**
BLOOD CELL COUNT/ *BLOOD PLATELETS/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ *EXTRACORPOREAL CIRCULATION/ *FILTRATION, methods

1454. **Castillo R, Maragall S, Guisasola JA, et al:** Inhibition of

human platelet aggregation by the proteolytic effect of streptokinase. Role of the human factor-VIII-related protein. Haemostasis 5(5):306–17, 1976
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANTIGENS, analysis/ FACTOR VIII, immunology/ *FACTOR VIII, metabolism/ HUMAN/ *PEPTIDE HYDROLASES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ RISTOCETIN, pharmacodynamics/ *STREPTOKINASE, pharmacodynamics/ VON WILLEBRAND'S DISEASE, blood

1455. **Castle AG, Crawford N:** Phosphorylation of platelet microtubule proteins by an endogenous protein kinase. Biochem Soc Trans 4(4):691–3, 1976
ADENOSINE TRIPHOSPHATE, blood/ ANIMAL/ *BLOOD PLATELETS, metabolism/ *BLOOD PROTEINS, metabolism/ KINETICS/ *MICROTUBULES, metabolism/ PHOSPHOPROTEINS, biosynthesis/ *PROTEIN KINASE, metabolism/ SWINE/ TUBULIN, blood

1456. **Castor CW, Ritchie JC, Scott ME, et al:** Connective tissue activation. XI. Stimulation of glycosaminoglycan and DNA formation by a platelet factor. Arthritis Rheum 20(3):859–68, Apr 77
*BLOOD PLATELETS, analysis/ CELLS, CULTURED/ CONNECTIVE TISSUE CELLS, drug effects/ *CONNECTIVE TISSUE CELLS, metabolism/ *DNA, metabolism/ GLUCOSE, metabolism/ *GLYCOSAMINOGLYCANS, biosynthesis/ HUMAN/ HYALURONIC ACID, biosynthesis/ LACTATES, metabolism/ *PEPTIDES, pharmacodynamics/ SYNOVIAL MEMBRANE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1457. **Castro O, Nash I:** Quinidine leukopenia and thrombocytopenia with a drug-dependent leukoagglutinin [letter]. N Engl J Med 296(10):572, 10 Mar 77
AGED/ AGGLUTININS, analysis/ CASE REPORT/ FEMALE/ HUMAN/ *LEUKOCYTES, immunology/ *LEUKOPENIA, chemically induced/ *QUINIDINE, adverse effects/ QUINIDINE, immunology/ *THROMBOPENIA, chemically induced

1458. **Catala J:** Contrôle de l'efficacité de la ligature du canal pancréatique chez le lapin Ann Rech Vet 7(1):33–8, 1976 (Eng. Abstr.) **(Fre)**
ANIMAL/ ENGLISH ABSTRACT/ LIGATION/ PANCREAS, anatomy & histology/ *PANCREAS, secretion/ *PANCREATIC DUCTS, physiology/ RABBITS/ TRYPSIN, secretion

1459. **Catoni-Charpentier MP:** Une immunisation anti-D après transfusion de concentrés leuco-plaquettatires. Rev Fr Transfus Immunohematol 20(2):349–50, Jun 77 **(Fre)**
*BLOOD PLATELETS/ *BLOOD TRANSFUSION, adverse effects/ CASE REPORT/ CHILD/ HUMAN/ *IMMUNIZATION/ *LEUKOCYTES/ *RH-HR BLOOD-GROUP SYSTEM

1460. **Cattan A, Bresson ML:** Murine tumor cell activity on in vitro hemostasis. Biomedicine 25(7):252–4, 30 Sep 76
ANIMAL/ *BLOOD COAGULATION/ FIBRINOLYSIS/ HEPARIN ANTAGONISTS, metabolism/ IN VITRO/ KAOLIN, pharmacodynamics/ MICE/ NEOPLASMS, EXPERIMENTAL, metabolism/ *NEOPLASMS, EXPERIMENTAL, physiopathology/ THROMBOPLASTIN, metabolism

1461. **Cattell V, Bradfield JW:** Focal mesangial proliferative glomerulonephritis in the rat caused by habu snake venom. A morphologic study. Am J Pathol 87(3):511–24, Jun 77
ANIMAL/ BLOOD PLATELETS, pathology/ CELL DIVISION/ *GLOMERULONEPHRITIS, etiology/ GLOMERULONEPHRITIS, mortality/ GLOMERULONEPHRITIS, pathology/ KIDNEY CORTEX, pathology/ KIDNEY GLOMERULUS, pathology/ MALE/ PLATELET AGGREGATION, drug effects/ RATS/ RATS, INBRED STRAINS/ *SNAKE VENOMS, adverse effects/ SNAKES

1462. **Causse J, Bel J, Michaux P, et al:** Apport de l'informatique dans l'otospongiose. Deuxième partie. Statistiques sur 15 ans de stapédectomies. Ann Otolaryngol Chir Cervicofac 93(9):543–76, Sep 76 (Eng. Abstr.) **(Fre)**
AUDIOMETRY/ COCHLEA/ COLISTIN, adverse effects/ DEAFNESS, chemically induced/ DEAFNESS, etiology/ ENGLISH ABSTRACT/ FEMALE/ HEARING/ HUMAN/ MALE/ *OTOSCLEROSIS, surgery/ POLYTETRAFLUOROETHYLENE/ PROSTHESIS/ *STAPES SURGERY/ STAPES SURGERY, adverse effects/ STAPES SURGERY, methods/ THROMBOSIS, etiology

1463. **Cavallo T, Cameron WR, Lapenas D:** Immunopathology of early and clinically silent lupus nephropathy. Am J Pathol 87(1):1–18, Apr 77
ADOLESCENCE/ ADULT/ BASEMENT MEMBRANE, immunology/ COMPLEMENT/ FEMALE/ FIBRIN/ FLUORESCENT ANTIBODY TECHNIC/ GLOMERULONEPHRITIS, etiology/ GLOMERULONEPHRITIS, immunology/ GLOMERULONEPHRITIS, pathology/ HUMAN/ IMMUNOGLOBULINS/ KIDNEY GLOMERULUS, immunology/ *KIDNEY GLOMERULUS, pathology/ KIDNEY, physiopathology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ MALE/ MIDDLE AGE

1464. **Cavanagh D, Sangar DV, Rowlands DJ, et al:** Immunogenic and cell attachment sites of FMDV: further evidence for their location in a single capsid polypeptide. J Gen Virol 35(1):149–58, Apr 77
ANIMAL/ ANTIBODIES, VIRAL, biosynthesis/ *BINDING SITES, ANTIBODY/ *CAPSID, immunology/ CELL LINE/ CHYMOTRYPSIN, metabolism/ FOOT-AND-MOUTH DISEASE VIRUS, growth & development/ *FOOT-AND-MOUTH DISEASE VIRUS, immunology/ FOOT-AND-MOUTH DISEASE VIRUS, metabolism/ GUINEA PIGS/ HYDROLYSIS/ MOLECULAR WEIGHT/ NEUTRALIZATION TESTS/ *PEPTIDES/ *PEPTIDES, immunology/ PEPTIDES, metabolism/ TOSYLLYSINE CHLOROMETHYL KETONE, pharmacodynamics/ TOSYLPHENYLALANYL CHLOROMETHYL KETONE, pharmacodynamics/ TRYPSIN, metabolism/ *VIRAL PROTEINS, immunology/ VIRAL PROTEINS, metabolism

1465. **Cavanagh D, Comas MR:** Management of the patient in septic shock. Major Probl Obstet Gynecol 11:94–108, 1977
ABORTION, SEPTIC, complications/ ACID-BASE IMBALANCE, therapy/ ANTIBIOTICS, therapeutic use/ BLOOD VOLUME/ DOPAMINE, therapeutic use/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ GLUCOCORTICOIDS, SYNTHETIC, therapeutic use/ HUMAN/ HYSTERECTOMY/ OXYGEN, therapeutic use/ PREGNANCY COMPLICATIONS, therapy/ PREGNANCY/ SHOCK, SEPTIC, complications/ SHOCK, SEPTIC, prevention & control/ *SHOCK, SEPTIC, therapy/ THROMBOPHLEBITIS, etiology/ VASOCONSTRICTOR AGENTS, therapeutic use

1466. **Caygill CP:** Detection of peptidase activity in albumin preparations. Clin Chim Acta 78(3):507–9, 1 Aug 77
*ALBUMINS, analysis/ *PEPTIDE HYDROLASES, analysis

1467. **Cayla J, Roger M, Rondier J, et al:** Les hémangio-endothéliomes malins osseux. A propos d'un cas. Rev Rhum Mal Osteoartic 44(5):354–8, May 77 **(Fre)**
AGED/ ANGIOGRAPHY/ BIOPSY/ BONE AND BONES, blood supply/ *BONE NEOPLASMS, pathology/ BONE NEOPLASMS, radiography/ BONE NEOPLASMS, therapy/ CASE REPORT/ FEMALE/ *HEMANGIOENDOTHELIOMA, pathology/ HEMANGIOENDOTHELIOMA, radiography/ HEMANGIOENDOTHELIOMA, therapy/ HUMAN/ ISCHIUM, blood supply/ *ISCHIUM, pathology/ NEOPLASM METASTASIS/ OSTEOLYSIS, etiology/ PROGNOSIS/ SCIATICA, etiology

1468. **Cazenave JP, Reimers HJ, Senyi AF, et al:** Effects of penicillin G and cephalothin on platelet function in vivo. Proc Soc Exp Biol Med 152(4):641–4, Sep 76
ANIMAL/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ CELL SURVIVAL, drug effects/ *CEPHALOTHIN, pharmacodynamics/ *PENICILLIN G, pharmacodynamics/ PROTHROMBIN TIME/ RABBITS/ THROMBOPENIA, physiopathology

1469. **Cazenave JP, Reimers HJ, Packham MA, et al:** Effects of reserpine on rabbit platelet aggregation and adherence to collagen or injured rabbit aorta. Biochem Pharmacol 26(2):149–57, 15 Jan 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ AORTA, anatomy & histology/ AORTA, metabolism/ BLOOD PLATELETS, metabolism/ BLOOD VESSELS, anatomy & histology/ COLLAGEN, metabolism/ COLLAGEN, pharmacodynamics/ DRUG INTERACTIONS/ IN VITRO/ *PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION, drug effects/ RABBITS/ *RESERPINE, pharmacodynamics/ THROMBIN, pharmacodynamics/ TIME FACTORS

1470. **Cazenave J-P, Guccione MA, Packham MA, et al:** Effects of cephalothin and penicillin G on platelet function in vitro. Br J Haematol 35(1):135–52, Jan 77
ANTIBODIES/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, immunology/ BLOOD PLATELETS, ultrastructure/ *CEPHALOTHIN, pharmacodynamics/ HUMAN/ *PENICILLIN G, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3, analysis/ SEROTONIN, metabolism

1471. **Cech T, Pardue ML:** Cross-linking of DNA with trimethylpsoralen is a probe for chromatin structure. Cell 11(3):631–40, Jul 77
CELL NUCLEUS/ *CHROMATIN, analysis/ *COUMARINS, diagnostic use/ DEOXYRIBONUCLEASE/ *DNA/ DNA, metabolism/ LIVER, ultrastructure/ MICE/ MOLECULAR WEIGHT/ *TRIOXSALEN, diagnostic use/ TRIOXSALEN, metabolism/ ULTRAVIOLET RAYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1472. **Cechová D:** Trypsin inhibitor from cow colostrum. Methods Enzymol 45:806–13, 1976
AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *COLOSTRUM, analysis/ DRUG STABILITY/ FEMALE/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ PREGNANCY/ PROTEIN CONFORMATION/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, isolation & purification/ TRYPSIN INHIBITORS, metabolism

1473. **Cedermark BJ, Kaufman JH, Douglass HO Jr, et al:** Combination with 5-fluorouracil, methyl-CCNU and beta-2-deoxythioguanosine in advanced colo-rectal adenocarcinoma. Clin Oncol 3(1):27–31, Mar 77
*ADENOCARCINOMA, drug therapy/ ADULT/ AGED/ *COLONIC NEOPLASMS, drug therapy/ DEOXYRIBONUCLEOSIDES, adverse effects/ *DEOXYRIBONUCLEOSIDES, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ FLUOROURACIL, adverse effects/ *FLUOROURACIL, therapeutic use/ HUMAN/ LEUKOPENIA, chemically induced/ MALE/ MIDDLE AGE/ NAUSEA, chemically induced/ *NITROSOUREA COMPOUNDS, therapeutic use/ *RECTAL NEOPLASMS, drug therapy/ REMISSION/ SEMUSTINE, adverse effects/ *SEMUSTINE, therapeutic use/ THIONUCLEOSIDES, adverse effects/ *THIONUCLEOSIDES, therapeutic use/ THROMBOPENIA, chemically induced/ TIME FACTORS/ VOMITING, chemically induced

1474. **Celada A, Herreros V, Rudolf H:** Thrombocytopenic purpura during treatment with Librax. Br Med J 1(6056):268, 29 Jan 77
ADULT/ CASE REPORT/ *CHLORDIAZEPOXIDE, adverse effects/ *CLIDINIUM COMPOUNDS, adverse effects/ DRUG COMBINATIONS/ FEMALE/ HUMAN/ *PURPURA, THROMBOPENIC, chemically induced/ *QUINUCLIDINES, adverse effects

1475. **Cemassieux S, Boucher R, Crisé C, et al:** Purification and characterization of tonin. Can J Biochem 54(9):788–95, Sep 76
ANGIOTENSIN/ ANIMAL/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ RATS/ *SUBMANDIBULAR GLAND, enzymology/ TEMPERATURE

1476. **Center EM:** Genetical and embryological comparison of two mutations which cause foetal blebs in mice. Genet Res 29(2):147–57, Apr 77
ABNORMALITIES, embryology/ *ABNORMALITIES, familial & genetic/ ANIMAL/ COMPARATIVE STUDY/ CROSSES, GENETIC/ EXTREMITIES, abnormalities/ EYE, abnormalities/ FETAL DISEASES, embryology/ *FETAL DISEASES, familial & genetic/ *GENOTYPE/ HEMATOMA, embryology/ *HEMATOMA, familial & genetic/ *MICE, embryology/ MICE, INBRED C57BL/ *MUTATION/ PHENOTYPE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1477. **Cepelák V, Roubal Z, Kuchař M:** Fibrinolysis induction by synthetic organic acids. Chemical structure and biological activity relationship. Folia Haematol (Leipz) 103(3):343–50, 1976
BUTYRATES, pharmacodynamics/ CAPROATES, pharmacodynamics/ *CARBOXYLIC ACIDS, pharmacodynamics/ *FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ STRUCTURE-ACTIVITY RELATIONSHIP/ VALERATES, pharmacodynamics

1478. **Cepelja Z, Grgic Z, Durakovic Z, et al:** Imunosupresivna terapija imunotrombocitopenije i autoimune hemolitičke anemije. Lijec Vjesn 99(7):436–40, Jul 77 (Eng. Abstr.) **(Scr)**
ADULT/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MALE/ METHODS/ MIDDLE AGE/ *THROMBOPENIA, drug therapy

1479. **Cepelja Z, Durakovic Z, Grgic Z, et al:** Hematološke inkikacije za splenektomiju. (Uz prikaz 51 bolesnika). Lijec Vjesn 99(6):373–6, Jun 77 (Eng. Abstr.) **(Scr)**
ANEMIA, HEMOLYTIC, ACQUIRED, therapy/ ANEMIA, HEMOLYTIC, CONGENITAL NONSPHEROCYTIC, therapy/ ENGLISH ABSTRACT/ *HEMATOLOGIC DISEASES, therapy/ HODGKIN'S DISEASE, therapy/ HUMAN/ SPHEROCYTOSIS, HEREDITARY, therapy/ *SPLENECTOMY/ THROMBOPENIA, therapy

1480. **Cerf O:** Mécanisme de la germination métabolique et de la germination ionique des spores de Bacillus licheniformis traitées par le peroxyde d'hydrogène. Ann Microbiol (Paris) 128(2):151–66, Feb-Mar 77 (Eng. Abstr.) **(Fre)**
ALANINE, pharmacodynamics/ AMINO ACID OXIDOREDUCTASES, metabolism/ ANTHRANILIC ACIDS, pharmacodynamics/ BACILLUS, drug effects/ *BACILLUS, physiology/ BISHYDROXYCOUMARIN, pharmacodynamics/ CALCIUM, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ *HYDROGEN PEROXIDE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ METHYLPHENAZONIUM METHOSULFATE, pharmacodynamics/ PENTACHLOROPHENOL, pharmacodynamics/ PHOSPHATES, pharmacodynamics/ POTASSIUM IODIDE,

pharmacodynamics/ SPORES, BACTERIAL, drug effects/ SPORES, BACTERIAL, enzymology/ TEMPERATURE/ THERMODYNAMICS

1481. **Ceri H, Wright JA:** Temperature-sensitive hamster cell line with altered membrane properties. Exp Cell Res 104(2):389–98, Feb 77
AGGLUTINATION/ BUTYRATES, pharmacodynamics/ CELL ADHESION, drug effects/ CELL DIVISION/ *CELL LINE/ CELL MEMBRANE, metabolism/ *CELL MEMBRANE, physiology/ CELL SURVIVAL, drug effects/ CONCANAVALIN A, metabolism/ *CONCANAVALIN A, pharmacodynamics/ DRUG RESISTANCE/ LEUCINE, metabolism/ PHENETHYL ALCOHOL, pharmacodynamics/ TEMPERATURE/ THYMIDINE, metabolism/ TRYPSIN, pharmacodynamics/ URIDINE, metabolism/ VARIATION (GENETICS)

1482. **Cerlek S:** Die Wirkung eines Benzopyron-Präparates auf die Leberfunktion. Kurze Mitteilung Arzneim Forsch 27(3):611–2, 1977 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ COMPARATIVE STUDY/ COUMARINS, administration & dosage/ *COUMARINS, adverse effects/ DRUG COMBINATIONS/ EDEMA, complications/ EDEMA, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROXYETHYLRUTOSIDE, analogs & derivatives/ HYDROXYETHYLRUTOSIDE, administration & dosage/ HYDROXYETHYLRUTOSIDE, adverse effects/ LIVER DISEASES, blood/ LIVER DISEASES, complications/ LIVER FUNCTION TESTS/ *LIVER, drug effects/ MALE/ MIDDLE AGE/ *RUTIN, analogs & derivatives

1483. **Cernohorský J, Havíček J:** Dermání projevy vyvolané pohybem cizího tělesa v podkoží
Sb Ved Pr Lek Fak Karlovy Univ [Suppl] 18(3):525–30, 1975 (Eng. Abstr.) **(Cze)**
CASE REPORT/ ENGLISH ABSTRACT/ *FOREIGN BODIES, complications/ FOREIGN BODIES, surgery/ *FOREIGN BODY MIGRATION, complications/ *HEMATOMA, etiology/ HUMAN/ MALE/ *SKIN DISEASES, etiology

1484. **Cerretelli P:** Oxygen transport on Mount Everest: the effects of increased hematocrit on maximal O2 transport.
Adv Exp Med Biol 75:113–9, 1976
*ACCLIMATIZATION/ ADULT/ *ALTITUDE/ *ANOXIA, blood/ ANOXIA, physiopathology/ ATMOSPHERIC PRESSURE/ BLOOD VISCOSITY/ CARDIAC OUTPUT/ EXERTION/ HEART RATE/ *HEMATOCRIT/ HUMAN/ MALE/ *OXYGEN CONSUMPTION/ *OXYGEN, blood

1485. **Cervantes A, Gorodovsky J, Peña A, et al:** Anticoncepción hormonal, insuficiencia venosa periferica y el uso de un flebodinámico Ginecol Obstet Mex 40(238):113–6, Aug 76 (Eng. Abstr.) **(Spa)**
ADULT/ ANTICOAGULANTS, therapeutic use/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ DRUG EVALUATION/ ENGLISH ABSTRACT/ ESTROGENS, adverse effects/ FEMALE/ FLAVONES, therapeutic use/ HEPTAMINOL, therapeutic use/ HUMAN/ HYDROXYETHYLRUTOSIDE, analogs & derivatives/ HYDROXYETHYLRUTOSIDE, therapeutic use/ INTRAUTERINE DEVICES/ PREGNANCY/ PROGESTATIONAL HORMONES, adverse effects/ VENOUS INSUFFICIENCY, chemically induced/ *VENOUS INSUFFICIENCY, drug therapy

1486. **Cesareo R:** Trace elements analysis in biological samples by radioisotopic x-ray fluorescence. Eur J Nucl Med 1(1):49–56, 1976
BLOOD PLATELETS/ CELL SURVIVAL/ FEMALE/ HAIR, analysis/ HUMAN/ MALE/ SELENIUM/ SPECTROMETRY, FLUORESCENCE/ *TRACE ELEMENTS, analysis/ TRACE ELEMENTS, blood/ TRACE ELEMENTS, urine/ X-RAYS

1487. **Cesco G, Giannico S, Fabbrucci I, et al:** Impiego dell'etanisilato nelle emorragie broncopolmonari minime Atti Accad Med Lomb 28(1–4):121–3, 1973 (Eng. Abstr.) **(Ita)**
*BENZENESULFONATES, therapeutic use/ ENGLISH ABSTRACT/ *ETHAMSYLATE, therapeutic use/ *HEMOPTYSIS, drug therapy/ *HEMOSTATICS, therapeutic use/ HUMAN

1488. **Cetina Sauri G, Serafín FJ:** Enfermedad hemorrágica del recién nacido. Análisis de 50 casos
Bol Med Hosp Infant Mex 34(2):399–406, Mar–Apr 77 (Eng. Abstr.) **(Spa)**
AGE FACTORS/ BIRTH WEIGHT/ BLOOD COAGULATION TESTS/ CENTRAL NERVOUS SYSTEM DISEASES, diagnosis/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGIC DISEASE OF NEWBORN, diagnosis/ HUMAN/ INFANT, NEWBORN/ MALE/ PREGNANCY/ PROGNOSIS/ PROTHROMBIN TIME

1489. **Cévese PG, Gallucci V, Morea M, et al:** Heart valve replacement with the Hancock bioprosthesis. Analysis of long-term results. Circulation 56(3 Pt 2 Suppl):II111–6, Sep 77
ADOLESCENCE/ ADULT/ AGED/ ANIMAL/ *AORTIC VALVE, transplantation/ CHILD/ FEMALE/ FOLLOW-UP STUDIES/ GLUTARALDEHYDE/ HEART VALVE DISEASES, mortality/ *HEART VALVE DISEASES, surgery/ HEMODYNAMICS/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE, transplantation/ ORGAN PRESERVATION/ POSTOPERATIVE COMPLICATIONS, mortality/ SWINE/ THROMBOEMBOLISM, mortality/ TIME FACTORS/ TRANSPLANTATION, HETEROLOGOUS/ *TRICUSPID VALVE, transplantation

1490. **Chachaj W, Mikulewicz W:** Effect of Intal on the fibrinolytic activity of the nasal secretion in patients with allergic rhinitis. Mater Med Pol 8(4):453–5, 1976
ADULT/ *DISODIUM CROMOGLYCATE, pharmacodynamics/ *FIBRINOLYSIS, drug effects/ *HAY FEVER, metabolism/ HUMAN/ MIDDLE AGE/ NASAL MUCOSA, drug effects/ *NASAL MUCOSA, secretion

1491. **Chaialo PP:** Vozrastnye osobennosti biosinteza kholesterina v percheni krys v norme i pri aterogennoĭ nagruzke Biull Eksp Biol Med 83(2):150–1, Feb 77 (Eng. Abstr.) **(Rus)**
ACETATES, metabolism/ AGE FACTORS/ ANIMAL/ *CHOLESTEROL, biosynthesis/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ *LIVER, metabolism/ MALE/ RATS/ TIME FACTORS

1492. **Chajek T, Stein O, Stein Y:** Pre- and post-natal development of lipoprotein lipase and hepatic triglyceride hydrolase activity in rat tissues. Atherosclerosis 26(4):549–61, Apr 77
ADIPOSE TISSUE, enzymology/ *AGING/ ANIMAL/ BRAIN, enzymology/ DIAPHRAGM, enzymology/ FEMALE/ KIDNEY, enzymology/ *LIPASE, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ *LIVER, enzymology/ LUNG, enzymology/ MALE/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ RATS

1493. **Chajek T, Stein O, Stein Y:** Rat heart in culture as a tool to elucidate the cellular origin of lipoprotein lipase. Biochim Biophys Acta 488(1):140–4, 20 Jul 77
ANIMAL/ ANIMALS, NEWBORN/ CELLS, CULTURED/ *LIPOPROTEIN LIPASE, metabolism/ MICROSCOPY, ELECTRON/ MYOCARDIUM, cytology/ *MYOCARDIUM, enzymology/ MYOCARDIUM, ultrastructure/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1494. **Chajek T, Friedman G, Stein O, et al:** Effect of colchicine, cycloheximide and chloroquine on the hepatic triacylglycerol hydrolase in the intact rat and perfused liver. Biochim Biophys Acta 488(2):270–9, 24 Aug 77
ANIMAL/ *CHLOROQUINE, pharmacodynamics/ *COLCHICINE, pharmacodynamics/ *CYCLOHEXIMIDE, pharmacodynamics/ HALF-LIFE/ HEPARIN/ KINETICS/ *LIPASE,

metabolism/ LIVER, drug effects/ *LIVER, enzymology/ MALE/ PERFUSION/ RATS/ TRIGLYCERIDES/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1495. **Chakrabarti S, Laliberté R, Brodeur J:** Influence of long-chain free fatty acids on the binding of waraarin to bovine serum albumin. Biochem Pharmacol 25(22):2515-21, 15 NOV 76
BINDING SITES/ *FATTY ACIDS, NONESTERIFIED/ KINETICS/ LAURATES/ OLEIC ACIDS/ PROTEIN BINDING/ *SERUM ALBUMIN, BOVINE/ SPECTROMETRY, FLUORESCENCE/ TEMPERATURE/ *WARFARIN

1496. **Chakraborty DP, Choudhury SK, Dey RN:** Psoralene and melanogenesis in relation to vitiligo. Clin Chim Acta 72(2):219-22, 15 Oct 76
ANIMAL/ BUFO/ CATECHOLS, pharmacodynamics/ *COUMARINS, pharmacodynamics/ DISEASE MODELS, ANIMAL/ *FICUSIN, pharmacodynamics/ FICUSIN, therapeutic use/ HUMAN/ HYDROQUINONES, pharmacodynamics/ LIVER, drug effects/ LIVER, enzymology/ MALE/ *PIGMENTATION, drug effects/ SKIN, drug effects/ SKIN, enzymology/ TYROSINASE, metabolism/ *VITILIGO, drug therapy

1497. **Chakravarti RN, Mohan AP, Komal HS:** Atherosclerosis in Macaca mulatta: histopathological, morphometric, and histochemical studies in aorta and coronary arteries of spontaneous and induced atherosclerosis.
Exp Mol Pathol 25(3):390-401, Dec 76
ANIMAL/ *AORTA, pathology/ *ARTERIOSCLEROSIS, pathology/ ATHEROSCLEROSIS, etiology/ *ATHEROSCLEROSIS, pathology/ *CORONARY VESSELS, pathology/ DIET, ATHEROGENIC, adverse effects/ FEMALE/ HISTOCYTOCHEMISTRY/ MALE/ MONKEYS/ RHESUS MONKEYS

1498. **Chalimova RA:** Fibrinoliticheskie komponenty v zdorovoĭ kozhe Vestn Dermatol Venerol (12):20-3, Dec 76 (Eng. Abstr.) **(Rus)**
ANTIFIBRINOLYTIC AGENTS, isolation & purification/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS, isolation & purification/ HUMAN/ PLASMINOGEN ACTIVATORS, isolation & purification/ PLASMINOGEN, isolation & purification/ *SKIN, analysis

1499. **Chaloupka J, Strnadová M, Zalabák V:** Intracellular proteolytic activity during sporulation of Bacillus megaterium. Folia Microbiol (Praha) 22(1):1-11, 1977
*BACILLUS MEGATERIUM, enzymology/ BACILLUS MEGATERIUM, growth & development/ BACTERIAL PROTEINS, metabolism/ EDTA, pharmacodynamics/ MUTATION/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ PROTOPLASTS, enzymology/ SPORES, BACTERIAL, enzymology/ SPORES, BACTERIAL, growth & development

1500. **Cham BE:** Nature of the interaction between low-density lipoproteins and polyanions and metal ions, as exemplified by heparin and Ca2+. Clin Chem 22(11):1812-6, Nov 76
*CALCIUM/ CHOLESTEROL, blood/ *HEPARIN/ HUMAN/ IMMUNOELECTROPHORESIS/ *LIPOPROTEINS, LDL/ LIPOPROTEINS, LDL, blood/ *LIPOPROTEINS, VLDL/ LIPOPROTEINS, VLDL, blood/ PHOSPHOLIPIDS, blood/ PROTEIN BINDING/ TRIGLYCERIDES, blood

1501. **Champetier J, Charignon G, Durand A, et al:** Intérêt et limites de l'artériographie dans un cas de traumatisme abdomino-pelvien J Chir (Paris) 113(3):59-66, 1977 (Eng. Abstr.) **(Fre)**
*ABDOMINAL INJURIES, radiography/ ADULT/ CASE REPORT/ EMBOLIZATION, THERAPEUTIC/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, radiography/ HEMATOMA, surgery/ HEMORRHAGE, therapy/ *HEPATIC ARTERY, radiography/ HUMAN/ *PELVIS, blood supply/ RETROPERITONEAL SPACE

1502. **Chan JY, Habal FM, Burrowes CE, et al:** Interaction between factor XII (Hageman factor), high molecular weight kininogen and prekallikrein. Thromb Res 9(5):423-33, Nov 76
BLOOD COAGULATION/ CATALYSIS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FACTOR XII, physiology/ FIBRINOLYSIS/ HUMAN/ HYDROLYSIS/ KALLIKREIN, biosynthesis/ KALLIKREIN, pharmacodynamics/ *KALLIKREIN, physiology/ KAOLIN, pharmacodynamics/ *KININOGENS, physiology/ KININS, biosynthesis/ *PREKALLIKREIN, physiology

1503. **Chan JY, Burrowes CE, Habal FM, et al:** The inhibition of activated factor XII (Hageman factor) by antithrombin III: the effect of other plasma proteinase inhibitors.
Biochem Biophys Res Commun 74(1):150-8, 10 Jan 77
ALPHA MACROGLOBULINS, physiology/ ALPHA 1-ANTITRYPSIN, physiology/ *ANTITHROMBINS, physiology/ *BLOOD PROTEINS, physiology/ COMPLEMENT 1, antagonists & inhibitors/ ENZYME ACTIVATION/ *FACTOR XII, antagonists & inhibitors/ HUMAN/ KALLIKREIN, metabolism

1504. **Chan JY, Burrowes CE, Movat HZ:** Activation of factor XII (Hageman factor): enhancing effect of a potentiator. Thromb Res 10(2):309-13, Feb 77
ANTITHROMBINS, metabolism/ *FACTOR XII, metabolism/ HUMAN/ KALLIKREIN, metabolism/ KAOLIN, metabolism/ *KININOGENS, metabolism

1505. **Chandalia HB:** Diabetes and platelet adhesiveness [editorial]. J Assoc Physicians India 24(10):705-6, Oct 76
*DIABETES MELLITUS, blood/ HUMAN/ *HYPOGLYCEMIC AGENTS, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects

1506. **Chandler AB, Pope JT:** Arterial thrombosis in atherogenesis. A survey of the frequency of incorporation of thrombi into atherosclerotic plaques. pp. 111-8.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974. (46 ref.)
ADOLESCENCE/ ADULT/ AGED/ AGING/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, metabolism/ CHILD/ HUMAN/ LIPIDS, blood/ MIDDLE AGE/ MONOGRAPH/ REVIEW/ *THROMBOSIS, complications

1507. **Chang ML, Bang NU:** Biological behavior of higher molecular weight products of fibrinolysis.
J Lab Clin Med 90(1):216-26, Jul 77
ANIMAL/ BLOOD PROTEIN ELECTROPHORESIS/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HALF-LIFE/ MALE/ MOLECULAR WEIGHT/ RABBITS/ TIME FACTORS/ 6-AMINOCAPROIC ACID, pharmacodynamics

1508. **Chang WJ, Horiuchi S, Takahashi K, et al:** The structure and function of acid proteases. VI. Effects of acid protease-specific inhibitors on the acid proteases from Aspergillus niger var. macrosporus.
J Biochem (Tokyo) 80(5):975-81, Nov 76
*ASPERGILLUS NIGER, enzymology/ *ASPERGILLUS, enzymology/ AZO COMPOUNDS, pharmacodynamics/ BINDING SITES/ COPPER, pharmacodynamics/ DIAZONIUM COMPOUNDS, pharmacodynamics/ EPOXY COMPOUNDS, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ NITROPHENOLS, pharmacodynamics/ NORLEUCINE, analogs & derivatives/ NORLEUCINE, pharmacodynamics/ PEPSTATINS, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors

1509. **Chang C-j, Floss HG, Steck W:** Carbon-13 magnetic resonance spectroscopy coumarins. Carbon-13-proton long-range couplings. J Org Chem 42(8):1337-40, 15 Apr

77
*COUMARINS/ NUCLEAR MAGNETIC RESONANCE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1510. **Changchien LM, Craven GR:** The function of the N-terminal region of ribosomal protein S4. J Mol Biol 108(2):381–401, Dec 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BACTERIAL PROTEINS, physiology/ BINDING SITES/ CYSTEINE, analysis/ ESCHERICHIA COLI/ KINETICS/ METHYLATION/ MODELS, BIOLOGICAL/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PROTEIN BINDING/ RIBOSOMAL PROTEINS, analysis/ RIBOSOMAL PROTEINS, metabolism/ *RIBOSOMAL PROTEINS, physiology/ *RIBOSOMES, ultrastructure/ *RNA, RIBOSOMAL, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN/ TRYPTOPHAN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1511. **Chao FC, Tullis JL, Conneely GS, et al:** Aggregation of platelets and inert particles induced by thrombin. Thromb Haemostas 35(3):717–36, 30 Jun 76
ADENOSINE DIPHOSPHATE/ APYRASE, pharmacodynamics/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ SODIUM/ SULFITES, pharmacodynamics/ *THROMBIN, physiology

1512. **Chap HJ, Zwaal RF, van Deenen LL:** Action of highly purified phospholipases on blood platelets. Evidence for an asymmetric distribution of phospholipids in the surface membrane. Biochim Biophys Acta 467(2):146–64, 2 Jun 77
ACETYLGLUCOSAMINIDASE, blood/ *BLOOD PLATELETS, metabolism/ *CELL MEMBRANE, metabolism/ CLOSTRIDIUM PERFRINGENS, enzymology/ HEMOLYSIS, drug effects/ HUMAN/ MICROSOMES, metabolism/ PHENANTHROLINES, pharmacodynamics/ PHOSPHODIESTERASES, blood/ PHOSPHOLIPASE, metabolism/ *PHOSPHOLIPIDS, blood/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ SNAKE VENOMS/ SPHINGOMYELIN PHOSPHODIESTERASE, metabolism/ STAPHYLOCOCCUS AUREUS, enzymology/ SURFACE TENSION/ SWINE

1513. **Chapin ME:** Cryosurgery of benign oral lesions. J Dermatol Surg Oncol 3(4):428–31, Jul-Aug 77
ADULT/ CASE REPORT/ *CRYOGENIC SURGERY, methods/ FEMALE/ HEMANGIOMA, surgery/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MOUTH FLOOR, pathology/ MOUTH FLOOR, surgery/ *MOUTH NEOPLASMS, surgery/ NITROUS OXIDE, therapeutic use/ TONGUE NEOPLASMS, pathology/ TONGUE NEOPLASMS, surgery

1514. **Chapman R:** The clot: platelet transfusion. Rocky Mt Med J 74(3):146–50, May-Jun 77
ANTI-ANTIBODIES/ BLOOD PLATELETS, immunology/ *BLOOD PLATELETS, transplantation/ BLOOD PRESERVATION, methods/ *BLOOD TRANSFUSION/ HL-A/ HUMAN/ REFRIGERATION/ THROMBOPENIA, therapy

1515. **Chapman RG, Rettberg WA, Dougherty S:** Effect of initial storage at room temperature on human red blood cell ATP, 2,3-DPG, and viability. Transfusion 17(2):147–50, Mar-Apr 77
*ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ *DIPHOSPHOGLYCERIC ACIDS, blood/ ERYTHROCYTE AGING/ *ERYTHROCYTES, metabolism/ HUMAN/ TEMPERATURE/ TIME

1516. **Chapuis Y, Chiche B, Paris C:** Notre expérience des thromboses veineuses axillaires et sous-clavières Phlebologie 30(1):57–9, Jan-Mar 77 **(Fre)**
*AXILLARY VEIN/ HUMAN/ *SUBCLAVIAN VEIN/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, surgery

1517. **Chariot J, Rozé C, de La Tour J, et al:** Effects of chronic ethanol consumption on pancreatic response to central vagal stimulation by 2-deoxy-D-glucose in the rat. Digestion 15(5):425–37, 1977
*ALCOHOL, ETHYL, pharmacodynamics/ AMYLASE, metabolism/ ANIMAL/ BICARBONATES, secretion/ CHYMOTRYPSINOGEN, metabolism/ DEOXYGLUCOSE, pharmacodynamics/ LIPASE, metabolism/ MALE/ ORGAN WEIGHT, drug effects/ PANCREAS, enzymology/ *PANCREAS, secretion/ PROTEINS, secretion/ RATS/ SODIUM, secretion/ TRYPSINOGEN, metabolism/ VAGUS NERVE, physiology

1518. **Charlesworth D:** Intravenous naftidrofuryl [letter] Br Med J 1(6075):1537, 11 Jun 77
*FURANS, administration & dosage/ *GANGRENE, drug therapy/ HUMAN/ INJECTIONS, INTRAVENOUS/ *NAFRONYL, administration & dosage/ *THROMBOPHLEBITIS, prevention & control

1519. **Charlesworth MC, Parish RW:** Further studies on basic nucleoproteins from the cellular slime mold Dictyostelium discoideum. Eur J Biochem 75(1):241–50, 2 May 77
AMINO ACIDS, analysis/ CELL DIVISION/ *DEOXYRIBONUCLEOPROTEINS/ DEOXYRIBONUCLEOPROTEINS, isolation & purification/ DEOXYRIBONUCLEOPROTEINS, metabolism/ DETERGENTS/ *DICTYOSTELIUM, analysis/ DICTYOSTELIUM, metabolism/ *HISTONES/ HISTONES, isolation & purification/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ *MYXOMYCETES, analysis/ *NUCLEOPROTEINS/ NUCLEOPROTEINS, isolation & purification/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN

1520. **Charleux J, Etienne R, Melki F:** Hypertonie postopératoire, alphachymotrypsine, prostaglandines et indométhacine Bull Soc Ophtalmol Fr 76(1):89–91, Jan 76 **(Fre)**
*CATARACT EXTRACTION/ *CHYMOTRYPSIN, pharmacodynamics/ HUMAN/ *INDOMETHACIN, pharmacodynamics/ *PROSTAGLANDIN ANTAGONISTS

1521. **Charo IF, Feinman RD, Detwiler TC:** Inhibition of platelet secretion by an antagonist of intracellular calcium. Biochem Biophys Res Commun 72(4):1462–7, 18 Oct 76
*A-23187, pharmacodynamics/ *ADENOSINE TRIPHOSPHATE, secretion/ *ANTIBIOTICS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, secretion/ *CALCIUM, blood/ CALCIUM, pharmacodynamics/ DIETHYLAMINES, pharmacodynamics/ *GALLIC ACID, analogs & derivatives/ GALLIC ACID, pharmacodynamics/ HUMAN/ KINETICS/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1522. **Charo IF, Feinman RD, Detwiler TC, et al:** Prostaglandin endoperoxides and thromboxane A2 can induce platelet aggregation in the absence of secretion. Nature 269(5623):66–9, 1 Sep 77
*ADENOSINE TRIPHOSPHATE, secretion/ ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ *HYDROXY ACIDS, pharmacodynamics/ KINETICS/ PEROXIDES/ *PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, SYNTHETIC, pharmacodynamics/ *PYRANS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1523. **Charo IF, Feinman RD, Detwiler TC:** Interrelations of platelet aggregation and secretion. J Clin Invest 60(4):866–73, Oct 77
A-23187, pharmacodynamics/ ADENOSINE

DIPHOSPHATE, pharmacodynamics/ *ADENOSINE TRIPHOSPHATE, secretion/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, metabolism/ COLLAGEN, pharmacodynamics/ HUMAN/ INDOMETHACIN, pharmacodynamics/ KINETICS/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1524. **Chary S:** Dissolution of retained bile duct stones using heparin. Br J Surg 64(5):347–51, May 77
ADULT/ CASE REPORT/ CHOLANGIOGRAPHY/ *COMMON BILE DUCT CALCULI, drug therapy/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE

1525. **Chasens AI:** Patient health status evaluation procedures for the dental profession. Part IV. Laboratory medicine in a dental practice. J Oral Med Spec No.:13–6, 1976
BLOOD CELLS, cytology/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION/ *DENTAL CARE/ *DIAGNOSIS, LABORATORY/ *HEALTH STATUS INDICATORS/ *HEALTH SURVEYS/ HUMAN/ *PATIENT CARE PLANNING

1526. **Chatterjee SN:** Immunosuppressive drugs used in clinical renal transplantation. Urology 9(6 Suppl):52–60, Jun 77
ACTINOMYCIN, therapeutic use/ ANTILYMPHOCYTE SERUM, therapeutic use/ AZATHIOPRINE, administration & dosage/ AZATHIOPRINE, adverse effects/ AZATHIOPRINE, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ DRAINAGE/ DRUG ADMINISTRATION SCHEDULE/ GRAFT REJECTION, drug effects/ HEPARIN, therapeutic use/ HUMAN/ IMMUNOSUPPRESSION/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *KIDNEY, transplantation/ PREDNISONE, adverse effects/ *PREDNISONE, therapeutic use/ RADIOTHERAPY/ SERUM GLOBULINS, immunology/ SPLENECTOMY/ T-LYMPHOCYTES, immunology/ THORACIC DUCT, physiopathology/ THYMECTOMY/ TRANSPLANTATION, HOMOLOGOUS

1527. **Chau PY, Shortridge KF, Huang CT:** Salmonella in pig carcasses for human consumption in Hong Kong: a study on the mode of contamination. J Hyg (Camb) 78(2):253–60, Apr 77
ABATTOIRS/ ANIMAL/ BLOOD COAGULATION/ *FOOD CONTAMINATION/ HONG KONG/ HUMAN/ *MEAT, adverse effects/ RECTUM, microbiology/ *SALMONELLA FOOD POISONING, transmission/ SALMONELLA, isolation & purification/ SKIN, microbiology/ SWINE

1528. **Chaudhari A, Parmar SS, Singh SP, et al:** Correlation between antiinflammatory and antiproteolytic properties of substituted benzylidenes. Pharmacology 15(1):24–30, 1977
AMINOTRANSFERASES, antagonists & inhibitors/ ANIMAL/ *ANTI-INFLAMMATORY AGENTS/ *BENZYLIDENE COMPOUNDS, pharmacodynamics/ BENZYLIDENE COMPOUNDS, therapeutic use/ DRUG EVALUATION/ EDEMA, drug therapy/ HYDROLYSIS/ IN VITRO/ LIPIDS, metabolism/ LIVER, metabolism/ PEROXIDES, biosynthesis/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN INHIBITORS

1529. **Chauvet J, Acher R:** Conformation-directed proteolysis of Kunitz bovine trypsin inhibitor. pp. 915–20.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p. (16 ref.)
DISULFIDES/ *KALLIKREIN-TRYPSIN INACTIVATOR/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MOLECULAR MODELS/ MONOGRAPH/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ REVIEW/ TRYPSIN

1530. **Chauvet MT, Chauvet J, Acher R:** Non-compact conformation of ovine MSEL-neurophysin. FEBS Lett 72(1):96–8, 15 Nov 76
AMINO ACIDS, analysis/ ANIMAL/ CYSTINE/ DITHIOTHREITOL/ *NEUROPHYSINS/ PROTEIN CONFORMATION/ SWINE/ TRYPSIN

1531. **Chauvet MT, Codogno P, Chauvet J, et al:** Characterization of porcine MSEL-neurophysin. FEBS Lett 71(2):291–3, 1 Dec 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ COMPARATIVE STUDY/ *NEUROPHYSINS/ PEPTIDE FRAGMENTS, analysis/ SHEEP/ SPECIES SPECIFICITY/ SWINE/ TRYPSIN

1532. **Chauvière M:** Activité protéolytique de la chromatine de cellules testiculaires de mammifères. Exp Cell Res 108(1):127–38, Aug 77 (Eng. Abstr.) **(Fre)**
ANIMAL/ CATTLE/ *CHROMATIN, enzymology/ ENGLISH ABSTRACT/ ETHYLMALEIMIDE, pharmacodynamics/ HEAT/ HISTONES, metabolism/ IODOACETAMIDE, pharmacodynamics/ MALE/ MICE/ OSMOLAR CONCENTRATION/ *PEPTIDE HYDROLASES, metabolism/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ SOLUBILITY/ *TESTIS, enzymology/ TESTIS, ultrastructure

1533. **Chazov EI, Matveeva LS, Mazaev AV, et al:** Vnutrikoronarnoe vvedenie fibrinolizina pri ostrom infarkte miokarda Ter Arkh 48(4):8–19, 1976 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ CASE REPORT/ CORONARY VESSELS/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, administration & dosage/ FIBRINOLYSIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy

1534. **Chazov EI, Nikolaeva LF, Ruda MIa:** Nekotorye novye aspekty lecheniia bol'nykh ostrym infarktom miokarda Kardiologiia 17(2):5–11, 1977 **(Rus)**
ACUTE DISEASE/ ANGIOGRAPHY/ ARRHYTHMIA, pathology/ ARRHYTHMIA, therapy/ CORONARY VESSELS, radiography/ ELECTRIC COUNTERSHOCK/ FIBRINOLYTIC AGENTS, therapeutic use/ GLUCAGON, therapeutic use/ HEART BLOCK, pathology/ HEART BLOCK, therapy/ HUMAN/ HYALURONIDASE, therapeutic use/ MYOCARDIAL CONTRACTION, drug effects/ MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, mortality/ MYOCARDIAL INFARCT, pathology/ *MYOCARDIAL INFARCT, therapy/ MYOCARDIUM, metabolism/ SHOCK, CARDIOGENIC, therapy

1535. **Chebotarev DF, Frol'kis VV, Grigorov IuG:** Osobennosti pitaniia i sostoianie zdorov'ia liudeĭ starshikh vozrastov pri fiziologicheskom stareniia Vopr Pitan (6):22–31, Nov-Dec 76 (Eng. Abstr.) **(Rus)**
AGED/ *AGING/ ANIMAL/ APPETITE, physiology/ ATHEROSCLEROSIS, occurrence/ BLOOD COAGULATION/ CALORIC INTAKE/ CEREBRAL ARTERIOSCLEROSIS, occurrence/ CORONARY DISEASE, occurrence/ *DIET/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ HYPOTHALAMUS, physiology/ LIPOPROTEINS, LDL, blood/ MALE/ MIDDLE AGE/ RABBITS/ SATIATION, physiology

1536. **Chediak J, Maxey B, Telfer M:** Determination of factor VIII-related antigen using commercial antisera. Am J Clin Pathol 67(5):462–9, May 77
ADULT/ *ANTIGENS, analysis/ EXERTION/ *FACTOR VIII, immunology/ FEMALE/ GEL DIFFUSION TESTS/ HEMOPHILIA, immunology/ HUMAN/ *IMMUNE SERUMS/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION, drug effects/ RISTOCETIN, pharmacodynamics/ VON WILLEBRAND'S DISEASE, immunology

1537. **Chediak JR, Telfer MC, Green D:** Platelet function and immunologic parameters in von Willebrand's disease following cryoprecipitate and factor VIII concentrate infusion. Am J Med 62(3):369–76, Mar 77
ADULT/ AUTOANTIGENS, analysis/ BLOOD

COAGULATION, drug effects/ CASE REPORT/ *CRYOGLOBULINS, administration & dosage/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FACTOR VIII, administration & dosage/ FEMALE/ HALF-LIFE/ HUMAN/ *PLATELET AGGREGATION, drug effects/ PRECIPITATION/ RISTOCETIN, pharmacodynamics/ VON WILLEBRAND'S DISEASE, drug therapy/ *VON WILLEBRAND'S DISEASE, immunology

1538. **Cheigh JS:** Drug administration in renal failure. Am J Med 62(4):555–63, Apr 77
ANALGESICS AND ANTIPYRETICS, administration & dosage/ ANTI-ARRHYTHMIA AGENTS, administration & dosage/ ANTI-INFECTIVE AGENTS, URINARY, administration & dosage/ ANTIBIOTICS, administration & dosage/ ANTIBIOTICS, ANTIFUNGAL, administration & dosage/ ANTIBIOTICS, ANTITUBERCULAR, administration & dosage/ ANTICOAGULANTS, administration & dosage/ ANTICONVULSANTS, administration & dosage/ ANTIHYPERTENSIVE AGENTS, administration & dosage/ ANTIMALARIALS, administration & dosage/ ARTHRITIS, drug therapy/ DIURETICS, administration & dosage/ *DRUGS, metabolism/ HUMAN/ HYPOGLYCEMIC AGENTS, administration & dosage/ IMMUNOSUPPRESSIVE AGENTS, administration & dosage/ *KIDNEY FAILURE, CHRONIC, metabolism

1539. **Chekman IS, Puzen'kina NN:** Vliianie ditrimina i karbokhromen na soderzhanie adenilovykh nuckleotidov v miokarde krolikov pri éksperimental'nom koronarospazme Farmakol Toksikol 40(2):166–8, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
*ADENINE NUCLEOTIDES, metabolism/ ANIMAL/ *BENZOATES, therapeutic use/ *CHROMONAR, therapeutic use/ COMPARATIVE STUDY/ CORONARY DISEASE, chemically induced/ *CORONARY DISEASE, drug therapy/ CORONARY DISEASE, metabolism/ *COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *HEXOBENDINE, therapeutic use/ MALE/ *MYOCARDIUM, metabolism/ PITUITRIN, antagonists & inhibitors/ PITUITRIN, pharmacodynamics/ RABBITS

1540. **Chekman IS, Potemkina NN, Tumanov VA:** Nikotinamidnye kofermenty kak ob'ekt vozdeĭstviia lekarstv i iadov (obzor literatury) Farmakol Toksikol 40(1):113–22, Jan–Feb 77 (125 ref.) **(Rus)**
ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ CARDIOVASCULAR DISEASES, metabolism/ CHLORPROMAZINE, pharmacodynamics/ ETHYLENE DICHLORIDES, metabolism/ FEMALE/ GLYCERYL TRINITRATE, pharmacodynamics/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ MYOCARDIAL INFARCT, metabolism/ NEOPLASMS, EXPERIMENTAL, metabolism/ NIKETHAMIDE, pharmacodynamics/ *NAD, metabolism/ *NADP, metabolism/ PAPAVERINE, pharmacodynamics/ POISONS, pharmacodynamics/ RADIATION INJURIES, EXPERIMENTAL, metabolism/ RATS/ RESERPINE, pharmacodynamics/ REVIEW/ RHEUMATISM, metabolism/ STROPHANTHINS, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics

1541. **Chelazzi G:** Aspetti clinici della macroglobulinemia di Waldenström Recent Prog Med (Roma) 60(5):522–54, May 76 (Eng. Abstr.) **(Ita)**
AGED/ BLOOD COAGULATION DISORDERS, etiology/ BONE DISEASES, etiology/ ENGLISH ABSTRACT/ FEMALE/ GASTROINTESTINAL DISEASES, etiology/ HEPATOMEGALY, etiology/ HUMAN/ KIDNEY DISEASES, etiology/ LUNG DISEASES, etiology/ *MACROGLOBULINEMIA, complications/ MALE/ MIDDLE AGE/ NERVOUS SYSTEM DISEASES, etiology/ PANCREATIC DISEASES, etiology/ SKIN DISEASES, etiology/ SPLENOMEGALY, etiology

1542. **Chen AB, Amrani DL, Mosesson MW:** Heterogeneity of the cold-insoluble globulin of human plasma (CIg), a circulating cell surface protein. Biochim Biophys Acta 493(2):310–22, 23 Aug 77
DITHIOTHREITOL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRINOLYSIN/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ *MEMBRANE PROTEINS/ MEMBRANE PROTEINS, blood/ MEMBRANE PROTEINS, isolation & purification/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ *SERUM GLOBULINS/ SERUM GLOBULINS, isolation & purification/ SULFHYDRYL COMPOUNDS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1543. **Chen JH, Ottolenghi P, Distenfeld A:** Oxyphenbutazone-induced sialadenitis. JAMA 238(13):1399, 26 Sep 77
ACUTE DISEASE/ CASE REPORT/ FEMALE/ HUMAN/ MIDDLE AGE/ *OXYPHENBUTAZONE, adverse effects/ OXYPHENBUTAZONE, therapeutic use/ *SALIVARY GLAND DISEASES, chemically induced/ *SIALADENITIS, chemically induced/ THROMBOPHLEBITIS, drug therapy/ XEROSTOMIA, chemically induced

1544. **Chen JJ, Jones ME:** The cellular location of dihydroorotate dehydrogenase: relation to de novo biosynthesis of pyrimidines. Arch Biochem Biophys 176(1):82–90, Sep 76
ANIMAL/ CELL FRACTIONATION/ CYTOCHROME OXIDASE, metabolism/ DIGITONIN/ KINETICS/ MEMBRANES, enzymology/ MEMBRANES, ultrastructure/ *MITOCHONDRIA, LIVER, enzymology/ MITOCHONDRIA, LIVER, ultrastructure/ MONOAMINE OXIDASE, metabolism/ *PYRIMIDINES, biosynthesis/ RATS/ SUBCELLULAR FRACTIONS, enzymology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1545. **Chen JP:** Unique immunological cross-reactivity between fragments D and/or E of three heterologous mammalian fibrinogens. Thromb Res 11(1):31–42, Jul 77
ANIMAL/ ANTIGENS, analysis/ CATTLE/ *CROSS REACTIONS/ DOGS/ *FIBRINOGEN, immunology/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS, pharmacodynamics/ RABBITS/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1546. **Chen LB, Moser FG, Chen AB, et al:** Distribution of cell surface LETS protein in co-cultures of normal and transformed cells. Exp Cell Res 108(2):375–83, Sep 77
ALPHA MACROGLOBULINS, pharmacodynamics/ AMINOCAPROIC ACIDS, pharmacodynamics/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ FIBRINOLYSIS/ FLUORESCENT ANTIBODY TECHNIC/ GLUTAMYL TRANSPEPTIDASE, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *MEMBRANE PROTEINS, analysis/ TOSYLLYSINE CHLOROMETHYL KETONE, pharmacodynamics/ TOSYLPHENYLALANYL CHLOROMETHYL KETONE, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1547. **Chen R, Ehrke G:** The primary structure of the 5 S RNA binding protein L5 of Escherichia coli ribosomes. FEBS Lett 69(1):240–5, 15 Oct 76
AMINO ACID SEQUENCE/ *ESCHERICHIA COLI, analysis/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ PROTEIN CONFORMATION/ *RIBOSOMAL PROTEINS/ *RNA, RIBOSOMAL

1548. **Chen YH, Reeve EB:** Some factors influencing metabolism and distribution of fibrinogen in man and rabbits. Thromb Haemostas 37(2):243–52, 30 Apr 77
ADULT/ ANIMAL/ BODY WEIGHT/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ HUMAN/ MALE/ RABBITS/ THYROIDECTOMY/ THYROXINE,

pharmacodynamics

1549. **Cheng KW:** Carboxymethylation of methionine residues in bovine pituitary luteinizing hormone and its subunits. Location of specifically modified methionine residues. Biochem J 159(1):79–87, 1 Oct 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CATTLE/ CHROMATOGRAPHY, GEL/ IODOACETATES/ *LH, metabolism/ *METHIONINE, metabolism/ METHYLATION/ TRYPSIN

1550. **Cheng SY, Wilchek M, Cahnmann HJ, et al:** Affinity labeling of human serum prealbumin with N-bromoacetyl-L-thyroxine. J Biol Chem 252(17):6076–81, 10 Sep 77
AFFINITY LABELS/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ HUMAN/ KINETICS/ PEPTIDE FRAGMENTS, analysis/ *PREALBUMIN/ PROTEIN BINDING/ *SERUM ALBUMIN/ SPECTROMETRY, FLUORESCENCE/ *THYROXINE, analogs & derivatives/ TRYPSIN

1551. **Cheng YS, Aronson AI:** Alterations of spore coat processing and protein turnover in a Bacillus cereus mutant with a defective postexponential intracellular protease. Proc Natl Acad Sci USA 74(3):1254–8, Mar 77
ANTIGENS, BACTERIAL, analysis/ BACILLUS CEREUS, enzymology/ BACILLUS CEREUS, growth & development/ *BACILLUS CEREUS, physiology/ BACTERIAL PROTEINS, immunology/ *BACTERIAL PROTEINS, metabolism/ HEAT/ HYDROGEN-ION CONCENTRATION/ MUTATION/ *PEPTIDE HYDROLASES, metabolism/ SPORES, BACTERIAL/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1552. **Chepcheruk GS:** Issledovanie koaguliatsionnykh svoĭstv plevral'nogo ékssudata Lab Delo (3):144–7, 1977 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ *PLEURAL EFFUSION, analysis

1553. **Chepcheruk GS:** Opredelenie aktivnosti plazmina i antiplazminov Lab Delo (2):81–3, 1977 (Eng. Abstr.) **(Rus)**
CLOT RETRACTION/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, analysis/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HUMAN/ IN VITRO

1554. **Chepurov AK, Kozlov VK, Efashkin GF:** Gemokoaguliatsiia pri kontakte krovi s polimernymi materialami, obladaiushchimi élektretnymi svoĭstvami Biull Eksp Biol Med 83(2):166–9, Feb 77 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ ELECTRICITY/ ENGLISH ABSTRACT/ FIBRINOGEN, blood/ HEAT/ PLATELET ADHESIVENESS/ POLYETHYLENES/ *POLYMERS/ POLYMETHACRYLIC ACIDS/ SILICONE ELASTOMERS

1555. **Chepurov AK, Kozlov VK:** Issledovanie tromborezistentnosti polimernykh materialov v konstruktsii iskusstvennogo serdtsa i ustroĭstvakh dlia vspomogatel'nogo krovoobrashcheniia. Med Tekh (2):22–6, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD VESSEL PROSTHESIS, adverse effects/ CARBON/ COMPARATIVE STUDY/ DOGS/ ENGLISH ABSTRACT/ GLASS/ *HEART, ARTIFICIAL, standards/ IN VITRO/ LATEX RUBBER, adverse effects/ *POLYMERS, adverse effects/ SILICONE ELASTOMERS, adverse effects/ SWINE/ *THROMBOSIS, etiology

1556. **Chermet J, Bigot JM, Monnier JP:** Les thromboses caves inférieures révélatrices Phlebologie 29(2):161–8, Apr–Jun 76 (Eng. Abstr.) **(Fre)**
AGED/ CASE REPORT/ ENGLISH ABSTRACT/ *HEPATIC VEIN THROMBOSIS, complications/ HUMAN/ *KIDNEY NEOPLASMS, complications/ LIVER DISEASES, complications/ LIVER NEOPLASMS, complications/ LYMPHATIC METASTASIS, complications/ MALE/ *THROMBOPHLEBITIS, etiology/ *VENA CAVA, INFERIOR/ VENA CAVA, INFERIOR, abnormalities/ VENA CAVA, INFERIOR, radiography

1557. **Cherniak VA, Kharnas SSh, Smirnov LB, et al:** Postperfuzionnyĭ legochnyĭ sindrom. Kardiologiia 17(5):146–52, May 77 (41 ref.) **(Rus)**
ATELECTASIS, etiology/ CAPILLARIES/ *EXTRACORPOREAL CIRCULATION, adverse effects/ EXTRACORPOREAL CIRCULATION, instrumentation/ FILTRATION, instrumentation/ HEMORRHAGE, etiology/ HISTAMINE, adverse effects/ *LUNG DISEASES, etiology/ LUNG, blood supply/ OXYGENATORS, adverse effects/ PULMONARY EDEMA, etiology/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, etiology/ PULMONARY SURFACTANT, deficiency/ RESPIRATORY INSUFFICIENCY, etiology/ REVIEW/ SYNDROME/ TOXINS, adverse effects

1558. **Chernobrovyĭ NP, Mishchenko FF, Iudina LV:** Izmenenie svertyvaemosti krovi u bol'nykh krovotochashchimi bronkhoektazami Vrach Delo (11):98–100, Nov 76 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ *BRONCHIECTASIS, blood/ BRONCHIECTASIS, complications/ ENGLISH ABSTRACT/ HEMOPTYSIS, blood/ HEMOPTYSIS, etiology/ HUMAN

1559. **Cherrier F, Cuillière M, Neimann JL, et al:** Les accidents de la coronarographie sélective par voie fémorale (à propos d'une série consécutive de 3 000 cas) Coeur Med Interne 16(1):41–51, Jan–Mar 77 **(Fre)**
ARRHYTHMIA, etiology/ *CATHETERIZATION, adverse effects/ *CORONARY VESSELS, radiography/ *FEMORAL ARTERY/ FRANCE/ HEART ARREST, etiology/ HUMAN/ METHODS/ NEUROMUSCULAR DISEASES, etiology/ RETROSPECTIVE STUDIES/ THROMBOSIS, etiology

1560. **Chesterman CN, Cederholm-Williams SA, Allington MJ, et al:** The formation of a fibrinogen-activator complex by the action of streptokinase. Thromb Res 10(3):421–30, Mar 77
BLOOD PLATELETS/ CHROMATOGRAPHY, GEL/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIS, drug effects/ HUMAN/ IODINE RADIOISOTOPES/ PLASMINOGEN ACTIVATORS, isolation & purification/ *PLASMINOGEN, metabolism/ STREPTOKINASE, isolation & purification/ STREPTOKINASE, metabolism/ *STREPTOKINASE, pharmacodynamics

1561. **Chesworth KA, Sinclair A, Stretton RJ, et al:** An enzymic technique for the microbiological examination of pharmaceutical gelatin. J Pharm Pharmacol 29(1):60–1, Jan 77
BACTERIA, growth & development/ DRUG CONTAMINATION/ ENZYMES/ FILTRATION/ *GELATIN, standards/ MEMBRANES/ METHODS/ PEPTIDE HYDROLASES/ SOLUBILITY/ TIME FACTORS

1562. **Chevrel B:** Un nouveau traitement des troubles fonctionnels digestifs: Sabilase. Med Chir Dig 6(4):225–8, 1977 **(Fre)**
*AMYLASE, therapeutic use/ *CELLULASE, therapeutic use/ *CHOLAGOGUES AND CHOLERETICS, therapeutic use/ CLINICAL RESEARCH/ DRUG EVALUATION/ *GASTROINTESTINAL DISEASES, drug therapy/ HUMAN/ *LIPASE, therapeutic use/ *PANCREATIN, therapeutic use/ *PEPTIDE HYDROLASES, therapeutic use/ PLACEBOS

1563. **Chiang TM, Kang AH:** Binding of chick skin collagen alpha 1 chain by isolated membranes from human platelets. J Biol Chem 251(20):6347–51, 25 Oct 76
ANIMAL/ *BLOOD PLATELETS, metabolism/ CELL MEMBRANE, metabolism/ CHICKENS/ *COLLAGEN, blood/ CYANOGEN BROMIDE/ HUMAN/ KINETICS/ LATHYRISM, metabolism/ PEPTIDE FRAGMENTS, blood/ PLATELET AGGREGATION/ PROTEIN BINDING/ *SKIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES

GOVERNMENT SUPPORTED, NON-N.I.H.

1564. **Chiang TM, Beachey EH, Kang AH:** Binding of collagen alpha1 chains to human platelets. J Clin Invest 59(3):405–11, Mar 77
BINDING SITES/ *BLOOD PLATELETS, metabolism/ *COLLAGEN, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *PLATELET AGGREGATION/ TEMPERATURE/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1565. **Chiappo GF, Mignone F, Licata D:** Tattore di Rosenthal e malattia reumatica nell'infanzia Reumatismo 28(1):6–14, Jan-Mar 76 (Eng. Abstr.) **(Ita)**
CHILD/ ENGLISH ABSTRACT/ FACTOR XI DEFICIENCY, etiology/ *FACTOR XI, isolation & purification/ HUMAN/ *RHEUMATISM, blood/ RHEUMATISM, complications

1566. **Chiarini F, del Piano M, Nicosia R:** Considerazioni sul test della coagulasi. Nota I Boll Ist Sieroter Milan 55(4):353–60, 30 Sep 76 (Eng. Abstr.) **(Ita)**
AGGLUTININS/ ANTIBODIES, BACTERIAL/ ANTIBODY FORMATION/ BINDING SITES/ COAGULASE, immunology/ *COAGULASE, metabolism/ ENGLISH ABSTRACT/ HUMAN/ PHAGOCYTOSIS/ *STAPHYLOCOCCAL INFECTIONS, enzymology/ STAPHYLOCOCCAL INFECTIONS, immunology/ STAPHYLOCOCCUS AUREUS, enzymology/ STAPHYLOCOCCUS AUREUS, immunology/ VIRULENCE

1567. **Chiarini F, Del Piano M, Nicosia R, et al:** Considérations sur le test de la coagulase. II Note. Ann Sclavo 18(6):855–62, Nov-Dec 76 (Eng. Abstr.) **(Fre)**
*AGGLUTINATION TESTS/ *BACTERIOLOGICAL TECHNICS/ *COAGULASE, analysis/ ENGLISH ABSTRACT/ *STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, pathogenicity

1568. **Chiarugi VP:** Cell-coat glycosaminoglycans in cellular transformation and differentiation. Exp Cell Biol 44(3–6):251–9, 1976
CELL ADHESION/ *CELL DIFFERENTIATION/ CELL DIVISION/ CELL LINE/ CELL MEMBRANE/ *CELL TRANSFORMATION, NEOPLASTIC/ *GLYCOSAMINOGLYCANS, physiology/ HEPARIN, physiology/ HEPARITIN SULFATE, physiology/ HYALURONIC ACID, physiology/ MODELS, BIOLOGICAL

1569. **Chiave P:** Un caso di distrofia trombocitaria emorragipara o malattia di Bernard-Soulier Minerva Pediatr 28(39):2447–8, 15 Dec 76 **(Ita)**
*BLOOD PLATELET DISORDERS, congenital/ CASE REPORT/ CHILD, PRESCHOOL/ HUMAN/ MALE

1570. **Chiave P:** Le gammaglobuline nella terapia della trombocitopenia. Minerva Pediatr 29(18):1227–9, 19 May 77 **(Ita)**
CHILD/ CHILD, PRESCHOOL/ FEMALE/ *GAMMA GLOBULINS, therapeutic use/ HUMAN/ IMMUNOGLOBULINS, analysis/ INFANT/ MALE/ *PURPURA, THROMBOPENIC, drug therapy/ *THROMBOPENIA, drug therapy

1571. **Chibber BA, Tomich JM, Mertz ET, et al:** Kinetic evidence for an intermediate in the deacetylation of monoacetyl-chymotrypsin. Proc Natl Acad Sci USA 74(2):510–4, Feb 77
*ACETIC ACIDS/ ANHYDRIDES/ BINDING SITES/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ ENZYME ACTIVATION/ KINETICS/ MATHEMATICS/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1572. **Chien S, Usami S, Jan K, et al:** Blood rheology in sickle cell disease. pp. 277–303.
In: Hercules JI, et al., ed. Proceedings of the symposium on molecular and cellular aspects of sickle cell disease. Bethesda, NIH, 1976. WH 170 S987p 1975. (35 ref.)
*ANEMIA, SICKLE CELL, blood/ ANEMIA, SICKLE CELL, physiopathology/ BLOOD CIRCULATION/ *BLOOD VISCOSITY/ ERYTHROCYTE MEMBRANE, ultrastructure/ ERYTHROCYTES, ABNORMAL/ HEMOGLOBIN, SICKLE/ HUMAN/ ISOTONIC SOLUTIONS/ MONOGRAPH/ OXYGEN, blood/ REVIEW/ RHEOLOGY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1573. **Chiericato G, Say JC, Leone FA, et al:** Sheep prothrombin: purification and partial characterization.
Biochim Biophys Acta 453(2):410–7, 22 Dec 76
AMINO ACIDS, analysis/ ANIMAL/ ENZYME ACTIVATION/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ *PROTHROMBIN/ PROTHROMBIN, isolation & purification/ PROTHROMBIN, metabolism/ SHEEP

1574. **Chiesa GM, Frasson F, Fugazzola C, et al:** Critical evaluation of renal masses' angiography. Radiol Clin (Basel) 46(3):165–84, 1977
ANGIOGRAPHY, methods/ COLLATERAL CIRCULATION/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, radiography/ HUMAN/ HYDRONEPHROSIS, radiography/ KIDNEY DISEASES, radiography/ *KIDNEY NEOPLASMS, radiography/ KIDNEY, CYSTIC, radiography/ RENAL ARTERY, radiography/ RENAL VEINS, radiography

1575. **Chignard M, Vargaftig BB:** Synthesis of thromboxane A2 by non-aggregating dog platelets challenged with arachidonic acid or with prostaglandin H2.
Prostaglandins 14(2):222–40, Aug 77
ANIMAL/ *ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DOGS/ ETHER, ETHYL, pharmacodynamics/ HALF-LIFE/ HUMAN/ *HYDROXY ACIDS, biosynthesis/ HYDROXY ACIDS, metabolism/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, metabolism/ *PROSTAGLANDINS, pharmacodynamics/ PYRANS, biosynthesis/ PYRANS, metabolism/ RABBITS/ TEMPERATURE/ TIME FACTORS

1576. **Ch'ih JJ, Olszyna DM, Devlin TM:** Alteration in plasma and cellular enzyme and protein levels after lethal and non-lethal doses of cycloheximide in the rat.
Biochem Pharmacol 25(21):2407–8, 1 Nov 76
ALBUMINS, metabolism/ ANIMAL/ ASPARTATE AMINOTRANSFERASE, blood/ *ASPARTATE AMINOTRANSFERASE, metabolism/ CREATINE KINASE, blood/ *CREATINE KINASE, metabolism/ *CYCLOHEXIMIDE, pharmacodynamics/ CYTOSOL, enzymology/ FIBRINOGEN, metabolism/ LACTATE DEHYDROGENASE, blood/ *LACTATE DEHYDROGENASE, metabolism/ LIVER, cytology/ MALE/ *PROTEINS, metabolism/ RATS/ TIME FACTORS

1577. **Ch'ih JJ, Procyk R, Devlin TM:** Regulation of mammalian protein synthesis in vivo. Stimulated protein synthesis in liver in vivo after cycloheximide treatment. Biochem J 162(3):501–7, 15 Mar 77
ANIMAL/ BLOOD PROTEINS/ CELL FRACTIONATION/ *CYCLOHEXIMIDE, pharmacodynamics/ FIBRINOGEN, biosynthesis/ KIDNEY, drug effects/ KIDNEY, metabolism/ LEUCINE, metabolism/ *LIVER, drug effects/ LIVER, metabolism/ MALE/ POLYRIBOSOMES, drug effects/ POLYRIBOSOMES, metabolism/ *PROTEINS, biosynthesis/ RATS

1578. **Chihara-Nakashima M, Hashimoto E, Nishizuka Y:** Intrinsic activity of guanosine 3',5'-monophosphate-dependent protein kinase similar to adenosine 3',5'-monophosphate-dependent protein kinase. II. Phosphorylation of ribosomal proteins.
J Biochem (Tokyo) 81(6):1863–7, Jun 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL/ ENZYME ACTIVATION/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ KINETICS/ LIVER/ MAGNESIUM, pharmacodynamics/ PEPTIDE FRAGMENTS,

analysis/ *PROTEIN KINASE, metabolism/ PUPA/ RATS/ *RIBOSOMAL PROTEINS, metabolism/ SILKWORMS, enzymology/ TRYPSIN

1579. **Childs GE, McRoberts MJ, Foster KA:** Partial purification of amastigotes from cutaneous lesions of American leishmaniasis. J Parasitol 62(5):676–9, Oct 76
ANIMAL/ CULTURE MEDIA/ GUINEA PIGS/ LEISHMANIA, growth & development/ *LEISHMANIA, isolation & purification/ LEISHMANIA, ultrastructure/ *LEISHMANIASIS, MUCOCUTANEOUS, parasitology/ MALE/ METHODS/ RATS/ TRYPSIN, pharmacodynamics

1580. **Chillar RK, Bensinger TA, Beutler E:** Maintenance of low screen filtration pressure in blood stored in a new liquid medium: BAGPM. J Lab Clin Med 89(3):504–8, Mar 77
*BLOOD PRESERVATION, methods/ CELL AGGREGATION/ FILTRATION/ PRESSURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1581. **Chilliard Y, Durand G, Dorléans M, et al:** Activité métabolique du tissu adipeux de la chèvre en fin de gestation et en début de lactation: teneur en acide désoxyribonucléique et activité lipoprotéinelipasique C R Acad Sci [D] (Paris) 284(5):373–6, 31 Jan 77 (Eng. Abstr.) **(Fre)**
ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, metabolism/ ANIMAL/ *DNA, metabolism/ ENGLISH ABSTRACT/ FEMALE/ *GOATS, physiology/ *LACTATION/ *LIPOPROTEIN LIPASE, metabolism/ OMENTUM, metabolism/ PREGNANCY/ *PREGNANCY, ANIMAL

1582. **Chinn DJ, Cinkotai FF, Lockwood MG, et al:** Airborne dust, its protease content and byssinosis in 'willowing' mills. Ann Occup Hyg 19(2):101–8, Nov 76
ADOLESCENCE/ ADULT/ AGED/ *AIR POLLUTANTS, analysis/ *AIR POLLUTANTS, OCCUPATIONAL, analysis/ BRONCHITIS, chemically induced/ *BYSSINOSIS, occurrence/ COTTON/ *DUST, analysis/ HUMAN/ MIDDLE AGE/ *PEPTIDE HYDROLASES, analysis/ *TEXTILE INDUSTRY

1583. **Chioin R, Stritoni P, Daliento L, et al:** Le complicanze del cateterismo arterioso retrogrado per via percutanea femorale. Osservazioni su 4686 casi
Minerva Cardioangiol 24(7–8):506–11, Jul–Aug 76 (Eng. Abstr.) **(Ita)**
ADOLESCENCE/ ADULT/ AGED/ AORTA, THORACIC, injuries/ ARTERIAL OCCLUSIVE DISEASES, etiology/ ARTERIOVENOUS FISTULA, etiology/ *CATHETERIZATION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *FEMORAL ARTERY/ FEMORAL ARTERY, injuries/ FEMORAL NERVE, injuries/ HEART CATHETERIZATION, adverse effects/ HEART INJURIES, etiology/ HEMATOMA, etiology/ HUMAN/ ILIAC ARTERY, injuries/ INFANT/ MIDDLE AGE

1584. **Chisari FV, Gealy WJ, Edgington TS:** Recovery of soluble sheep erythrocyte receptor from the T lymphocyte surface by proteolytic cleavage. J Immunol 118(4):1138–42, Apr 77
BINDING SITES/ CELL LINE/ CELL MEMBRANE, immunology/ CHYMOTRYPSIN, pharmacodynamics/ *ERYTHROCYTES, immunology/ IN VITRO/ MEMBRANE PROTEINS, immunology/ *PEPTIDE HYDROLASES, pharmacodynamics/ PRONASE, pharmacodynamics/ PROTEIN BINDING/ *T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1585. **Chiu HM, Hirsh J, Yung WL, et al:** Relationship between the anticoagulant and antithrombotic effects of heparin in experimental venous thrombosis. Blood 49(2):171–84, Feb 77
ANIMAL/ *ANTICOAGULANTS, pharmacodynamics/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/ CRYOGLOBULINS, pharmacodynamics/ *DISEASE MODELS, ANIMAL/ FEMALE/ FIBRINOGEN, metabolism/ *HEPARIN, pharmacodynamics/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ IODINE RADIOISOTOPES/ MALE/ PRECIPITATION/ RABBITS/ *THROMBOPHLEBITIS, blood/ TIME FACTORS

1586. **Chiu HM, van Aken WG, Hirsh J, et al:** Increased heparin clearance in experimental pulmonary embolism. J Lab Clin Med 90(1):204–15, Jul 77
ANIMAL/ BLOOD PLATELETS, cytology/ CELL SURVIVAL/ FEMALE/ GLASS/ HALF-LIFE/ *HEPARIN, blood/ JUGULAR VEIN, pathology/ MALE/ PLATELET FACTOR 4, analysis/ *PULMONARY EMBOLISM, blood/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, pathology/ RABBITS/ SULFUR RADIOISOTOPES, diagnostic use/ THROMBOPENIA, blood/ THROMBOPENIA, complications/ THROMBOSIS, blood/ THROMBOSIS, complications/ THROMBOSIS, pathology

1587. **Chiu TC, Babitch JA:** Protein asymmetry in chick synaptosomal plasma membrane. J Biol Chem 252(11):3862–9, 10 Jun 77
ANIMAL/ ANIMALS, NEWBORN/ BRAIN/ CHICKENS/ MALE/ *MEMBRANE PROTEINS, isolation & purification/ MOLECULAR WEIGHT/ *NERVE TISSUE PROTEINS, isolation & purification/ PEPTIDE FRAGMENTS, isolation & purification/ *SYNAPTIC MEMBRANES, analysis/ SYNAPTOSOMES/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1588. **Chmiel H, Thurston GB, Effert S:** Die klinische Bedeutung der Viskoelastizität des Blutes bei Stenosen, künstlichen Herzklappen und bei Mikrozirkulationsstörungen
Verh Dtsch Ges Kreislaufforsch 42:376–9, 1976 **(Ger)**
*BLOOD VISCOSITY/ *ELASTICITY/ ERYTHROCYTE AGGREGATION/ HEART VALVE DISEASES, blood/ *HEART VALVE PROSTHESIS/ HUMAN/ *MICROCIRCULATION/ PACEMAKER, ARTIFICIAL/ VASCULAR DISEASES, blood

1589. **Chmielewska J, Poplawski A:** Wpływ witaminy C na aktywność heparyny u chorych z przewlekłą niewydolnością nerek leczonych hemodializami. Pol Tyg Lek 32(28):1079–80, 11 Jul 77 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ *ASCORBIC ACID, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ *HEMODIALYSIS/ *HEPARIN ANTAGONISTS/ HUMAN/ *KIDNEY FAILURE, CHRONIC, therapy/ MALE

1590. **Chmielewski J, Renke W:** Wpływ fosforytów i apatytów na organizm ludzki w pracy zawodowej Pol Tyg Lek 31(50):2155–6, 13 Dec 76 **(Pol)**
*APATITES, adverse effects/ *BLOOD COAGULATION, drug effects/ *ENVIRONMENTAL EXPOSURE/ FLUORINE, urine/ HUMAN/ *INDUSTRIAL MEDICINE/ *PHOSPHOROUS ACIDS, adverse effects

1591. **Chohan IS, Singh I, Vermylen J, et al:** Effect of furosemide on plasma fibrinolytic activity and urokinase excretion. Exp Hematol 5(2):153–7, Mar 77
*FIBRINOLYSIS, drug effects/ FUROSEMIDE, administration & dosage/ *FUROSEMIDE, pharmacodynamics/ HUMAN/ INJECTIONS, INTRAVENOUS/ *PEPTIDE PEPTIDOHYDROLASES, urine/ *SERUM GLOBULINS, metabolism/ TIME FACTORS/ *UROKINASE, urine

1592. **Chohan IS, Singh I, Vermylen J:** Furosemide: its role on certain platelet functions. Acta Clin Belg 32(1):39–43, 1977
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ CLOT RETRACTION/ *FUROSEMIDE, pharmacodynamics/ HUMAN/ *PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 4, secretion/ SEROTONIN, secretion

1593. **Chometowski S, Assadourian R, Chamlian A:** Place des nerfs splanchniques dans la pathogénie du choc par hématome rétro-péritonéal. Etude expérimentale. J Chir (Paris) 113(2):221–6, 1977 (Eng. Abstr.) **(Fre)**
ANIMAL/ CATS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *HEMATOMA, complications/ HEMATOMA, pathology/

HYPERTENSION, etiology/ RABBITS/ *RETROPERITONEAL SPACE/ *SHOCK, etiology/ *SPLANCHNIC NERVES, physiology/ SPLANCHNIC NERVES, surgery

1594. **Chomette G, Brocheriou C, Delcourt A, et al:** Les endocardites suppurées pariétales
Ann Med Interne (Paris) 127(2):83–9, Feb 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ AGED/ CASE REPORT/ *ENDOCARDITIS, BACTERIAL, diagnosis/ ENDOCARDITIS, BACTERIAL, etiology/ ENDOCARDIUM, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SEPTICEMIA, complications/ THROMBOPHLEBITIS, complications/ THROMBOSIS, complications

1595. **Chong G, Kay WW:** Sodium–dependent transport of 5–hydroxytryptamine (serotonin) by canine blood platelets. Arch Biochem Biophys 179(2):600–7, Mar 77
ANIMAL/ BIOLOGICAL TRANSPORT, ACTIVE/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ DOGS/ IONOPHORES, pharmacodynamics/ KINETICS/ MICROSCOPY, ELECTRON, SCANNING/ MODELS, BIOLOGICAL/ OUABAIN, pharmacodynamics/ POTASSIUM, pharmacodynamics/ *SEROTONIN, blood/ *SODIUM, pharmacodynamics

1596. **Chopin J:** Prevention of thrombo–embolic disease in emergencies. Acta Anaesthesiol Belg 27(2):69–81, 1976
ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ *EMERGENCIES/ EUROPE/ FEMALE/ HEPARIN, therapeutic use/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, history/ *THROMBOEMBOLISM, prevention & control/ WOUNDS AND INJURIES, complications

1597. **Chorvat G, Unfried P, Camelot G, et al:** L'anévrysme de l'artère fessière. Etude générale. A propos dun nouveau cas Ann Chir 30(8):637–42, Sep 76 (Eng. Abstr.) **(Fre)**
ADULT/ ANEURYSM, diagnosis/ ANEURYSM, etiology/ *ANEURYSM, surgery/ ARTERIOSCLEROSIS, complications/ *BUTTOCKS, blood supply/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOSIS, complications

1598. **Chou CH, Chou FC, Kowalski TJ, et al:** The major site of guinea–pig myelin basic protein encephalitogenic in Lewis rats. J Neurochem 28(1):115–9, Jan 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHYMOTRYPSIN/ *ENCEPHALITOGENIC BASIC PROTEINS/ ENCEPHALITOGENIC BASIC PROTEINS, analysis/ ENCEPHALITOGENIC BASIC PROTEINS, isolation & purification/ *ENCEPHALOMYELITIS, ALLERGIC, etiology/ FEMALE/ FREUND'S ADJUVANT/ GUINEA PIGS/ LYMPHOCYTE TRANSFORMATION/ MYCOBACTERIUM/ *PEPTIDE FRAGMENTS/ RATS/ RATS, INBRED LEW/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1599. **Chou FC, Chou CH, Shapira R, et al:** Modifications of myelin basic protein which occur during its isolation.
J Neurochem 28(5):1051–9, May 77
ANIMAL/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ENCEPHALITOGENIC BASIC PROTEINS, isolation & purification/ PEPTIDE FRAGMENTS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1600. **Chou IN, O'Donnell SP, Black PH, et al:** Cell density–dependent secretion of plasminogen activator by 3T3 cells. J Cell Physiol 91(1):31–7, Apr 77
*CELL DIVISION/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ COMPARATIVE STUDY/ CONTACT INHIBITION/ EGTA, pharmacodynamics/ FIBRINOLYSIS/ *PLASMINOGEN ACTIVATORS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1601. **Chowanetz W, Rückert KH, Juchems R:** Zur diagnostik des bronchitischen Syndroms im höheren Lebensalter
Fortschr Med 95(18):1227–30, 12 May 77 (Eng. Abstr.) **(Ger)**
AGED/ *BRONCHITIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HEART DISEASES, diagnosis/ HUMAN/ LUNG NEOPLASMS, diagnosis/ MIDDLE AGE/ PLETHYSMOGRAPHY, WHOLE BODY/ PULMONARY EMBOLISM, diagnosis/ TUBERCULOSIS, PULMONARY, diagnosis/ VITAL CAPACITY

1602. **Chowdhury AR, Black M, Lorber SH, et al:** Hemangioendotheliomatosis of the liver. A 12–year follow–up. Gastroenterology 72(1):157–60, Jan 77
ADULT/ ASCITES, complications/ CASE REPORT/ FEMALE/ FOLLOW–UP STUDIES/ HEMANGIOENDOTHELIOMA, complications/ *HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOENDOTHELIOMA, pathology/ HEPATIC ARTERY, radiography/ HEPATIC VEINS, radiography/ HUMAN/ LIVER NEOPLASMS, complications/ *LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, pathology/ MIDDLE AGE/ PORTAL VEIN, radiography/ RADIONUCLIDE IMAGING

1603. **Chowdhury KL:** Inferior vena caval obstruction. Some unusual manifestations in a case.
J Assoc Physicians India 24(8):539–41, Aug 76
ADULT/ CASE REPORT/ *ELEPHANTIASIS, etiology/ HUMAN/ *LYMPHEDEMA, etiology/ MALE/ MIDDLE AGE/ *THROMBOSIS, complications/ *VENA CAVA, INFERIOR

1604. **Chowrashi PK, Pepe FA:** Light meromyosin paracrystal formation. J Cell Biol 74(1):136–52, Jul 77
CRYSTALLIZATION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *MEROMYOSINS/ MEROMYOSINS, isolation & purification/ MEROMYOSINS, metabolism/ MOLECULAR WEIGHT/ MUSCLE PROTEINS, metabolism/ PAPAIN/ PROTEIN CONFORMATION/ RNA/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1605. **Choy WN, Champe SP:** Proteolysis during T4 head maturation: evidence against the involvement of a phage–induced trypsin–like enzyme. Virology 80(1):229–31, 1 Jul 77
BENZOYLARGININE NITROANILIDE, metabolism/ *COLIPHAGES, growth & development/ *ESCHERICHIA COLI, enzymology/ *PEPTIDE HYDROLASES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON–N.I.H.

1606. **Chrisman OD, Snook GA, Wilson TC, et al:** Prevention of venous thromboembolism by administration of hydroxychloroquine. A preliminary report.
J Bone Joint Surg [Am] 58(7):918–20, Oct 76
ADULT/ AGED/ CLINICAL RESEARCH/ FRACTURES, surgery/ HUMAN/ *HYDROXYCHLOROQUINE, therapeutic use/ LEG, surgery/ MIDDLE AGE/ PLACEBOS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

1607. **Christensen BE, Hansen MM, Videbaek A:** Splenectomy in chronic lymphocytic leukaemia. Scand J Haematol 18(4):279–87, Apr 77
ADRENAL CORTEX HORMONES, therapeutic use/ AGED/ ANEMIA, etiology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BODY WEIGHT/ FEMALE/ GAMMA GLOBULINS, analysis/ HEMOGLOBINS, analysis/ HUMAN/ LEUKEMIA, LYMPHOCYTIC, blood/ LEUKEMIA, LYMPHOCYTIC, drug therapy/ *LEUKEMIA, LYMPHOCYTIC, therapy/ LEUKOCYTE COUNT/ LYMPHOCYTES/

MALE/ MIDDLE AGE/ ORGAN WEIGHT/ POSTOPERATIVE COMPLICATIONS, mortality/ RETROSPECTIVE STUDIES/ *SPLENECTOMY/ SPLENECTOMY, mortality/ SPLENOMEGALY, surgery/ THROMBOPENIA, etiology/ URIC ACID, blood

1608. **Christensen P, Soltesz LV, Oxelius VA:** Visualization of the binding of IgG myeloma proteins to some group A streptococci. Acta Pathol Microbiol Scand [C] 84(3):203–9, Jun 76
BINDING SITES, ANTIBODY/ CELL WALL, immunology/ CELL WALL, ultrastructure/ CROSS REACTIONS/ FERRITIN, immunology/ HUMAN/ *IGG, metabolism/ *MYELOMA PROTEINS, immunology/ *STREPTOCOCCUS PYOGENES, immunology/ STREPTOCOCCUS PYOGENES, ultrastructure/ TRYPSIN, pharmacodynamics

1609. **Christensen P, Holm SE:** Purification of immunolobulin G Fc-reactive factor from Streptococcus azgazardah. Acta Pathol Microbiol Scand [C] 84(3):196–202, Jun 76
CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HEAT/ *IMMUNOGLOBULINS, FC/ IMMUNOGLOBULINS, FC, analysis/ MOLECULAR WEIGHT/ STREPTOCOCCUS PYOGENES, immunology/ *STREPTOCOCCUS, immunology/ TRYPSIN, pharmacodynamics

1610. **Christensen P, Holm SE, Henrichsen J:** Depletion of IgG in rabbit sera by absorption with some group A streptococci. Int Arch Allergy Appl Immunol 53(2):132–6, 1977
ANIMAL/ BINDING SITES, ANTIBODY/ ERYTHROCYTES, immunology/ HEAT/ *IGG/ IMMUNE SERUMS/ *IMMUNOGLOBULINS, FC/ OVALBUMIN, immunology/ RABBITS/ *STREPTOCOCCUS PYOGENES, immunology/ TRYPSIN

1611. **Christensen TB, Norgaard O, Vetner M:** Purpura traumatica pedis eller black heel Ugeskr Laeger 139(7):399–400, 14 Feb 77 (Eng. Abstr.) **(Dan)**
ADOLESCENCE/ ADULT/ ATHLETIC INJURIES/ ENGLISH ABSTRACT/ FEMALE/ *FOOT DISEASES, etiology/ *FOOT, injuries/ HEMORRHAGE, etiology/ HUMAN/ MALE/ NOMENCLATURE/ *PURPURA, etiology

1612. **Christensen U, Müllertz S:** Kinetic studies of the urokinase catalysed conversion of NH2-terminal lysine plasminogen to plasmin. Biochim Biophys Acta 480(1):275–81, 11 Jan 77
*FIBRINOLYSIN/ FIBRINOLYSIN, metabolism/ HUMAN/ KINETICS/ LYSINE/ MATHEMATICS/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PLASMINOGEN/ PLASMINOGEN, metabolism/ *UROKINASE, metabolism

1613. **Christensen U:** Kinetic studies of the urokinase-catalysed conversion of NH2-terminal glutamic acid plasminogen to plasmin. Biochim Biophys Acta 481(2):638–47, 12 Apr 77
BINDING SITES/ *FIBRINOLYSIN/ GLUTAMATES/ HUMAN/ KINETICS/ MATHEMATICS/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PLASMINOGEN/ PROTEIN BINDING/ *UROKINASE, metabolism

1614. **Christensen U, Clemmensen I:** Kinetic properties of the primary inhibitor of plasmin from human plasma. Biochem J 163(2):389–91, 1 May 77
*FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ KINETICS/ PROTEIN BINDING

1615. **Christiansen LA, Scherstén T, Burcharth F, et al:** Treatment of retained bile duct calculi with T-tube infusion of sodium cholate and heparin. Scand J Gastroenterol 12(3):337–9, 1977
ADULT/ AGED/ CHOLANGIOGRAPHY/ CHOLIC ACIDS, administration & dosage/ *CHOLIC ACIDS, therapeutic use/ *COMMON BILE DUCT CALCULI, drug therapy/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ RECURRENCE

1616. **Christianson HB:** Cutaneous manifestations of hypothyroidism including purpura and ecchymoses. Cutis 17(1):45–52, Jan 76
ADULT/ AGED/ ANEMIA, complications/ CASE REPORT/ *ECCHYMOSIS, etiology/ FEMALE/ HUMAN/ *HYPOTHYROIDISM, complications/ HYPOTHYROIDISM, diagnosis/ MALE/ MIDDLE AGE/ *PURPURA, etiology/ *SKIN DISEASES, etiology

1617. **Christopher LJ, Henney CR, Moir DC, et al:** Experience with the Aberdeen–Dundee drug monitoring system. pp. 165–78.
In: Gouveia WA, et al., ed. Clinical pharmacy and clinical pharmacology. Amsterdam, North-Holland Publ, 1976. WB 330 C638 1975.
AMITRIPTYLINE, adverse effects/ ANTICOAGULANTS, therapeutic use/ *DRUG INFORMATION SERVICES/ *DRUG THERAPY, adverse effects/ FEEDBACK/ GREAT BRITAIN/ HEART, drug effects/ HUMAN/ *INFORMATION SERVICES/ INFUSIONS, PARENTERAL/ *MEDICAL RECORDS/ MONOGRAPH/ PRESCRIPTIONS

1618. **Chu FS, Ueno I:** Production of antibody against aflatoxin B1. Appl Environ Microbiol 33(5):1125–8, May 77
*AFLATOXINS, immunology/ ANIMAL/ *ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ BINDING, COMPETITIVE/ COUMARINS, immunology/ CROSS REACTIONS/ RABBITS/ SERUM ALBUMIN, BOVINE, immunology/ STERIGMATOCYSTIN, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1619. **Chuang HY, Mahammad SF, Mason RG:** Acetylcholinesterase, choline acetyltransferase, and the postulated acetylcholine receptor of canine platelets. Biochem Pharmacol 25(17):1971–7, 1 Sep 76
*ACETYLCHOLINE, physiology/ *ACETYLCHOLINESTERASE, metabolism/ *ACETYLTRANSFERASES, metabolism/ ANIMAL/ *BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, ultrastructure/ CATS/ CATTLE/ *CHOLINE ACETYLTRANSFERASE, metabolism/ DOGS/ GOATS/ HORSES/ HUMAN/ IN VITRO/ PLATELET AGGREGATION, drug effects/ *RECEPTORS, DRUG, drug effects/ SPECIES SPECIFICITY/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1620. **Chulavatnatol M, Ruenwongsa P:** Activation of proenzyme of acidic protease from human seminal plasma. Biochim Biophys Acta 452(2):525–32, 8 Dec 76
AMINO ACIDS, analysis/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, metabolism/ HEMOGLOBINS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ PEPSIN/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDES, metabolism/ *SEMEN, enzymology

1621. **Chulay JD, Lankerani MR:** Splenic abscess. Report of 10 cases and review of the literature. Am J Med 61(4):513–22, Oct 76
*ABSCESS, diagnosis/ ABSCESS, etiology/ ADOLESCENCE/ AGED/ CASE REPORT/ CHILD/ ENDOCARDITIS, BACTERIAL, complications/ FEMALE/ HEMATOMA, complications/ HEMOGLOBINOPATHIES, complications/ HUMAN/ INFECTIOUS MONONUCLEOSIS, complications/ LIVER/ MALE/ MIDDLE AGE/ SPLEEN/ SPLENIC DISEASES, complications/ *SPLENIC DISEASES, diagnosis/ SPLENIC DISEASES, etiology/ STREPTOCOCCAL INFECTIONS, complications

1622. **Chulkova T, Victoreo L:** Aktselerin (faktor V)--katabolicheskii produkt fibrinogena Biull Eksp Biol Med 82(8):950–2, Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ CATTLE/ CHEMISTRY, PHYSICAL/ DRUG STORAGE/ ENGLISH ABSTRACT/ FACTOR V, immunology/ FACTOR V, isolation & purification/ *FACTOR V, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ MALE/ TIME FACTORS

1623. **Chumakova VP, Bespalova VG:** Vliianie mnogoletnikh zaniatii fizicheskimi uprazhneniiami na fibrinoliz u bol'nykh aterosklerozom i gipertonicheskoĭ bolezn'iu. Vopr Kurortol Fizioter Lech Fiz Kult (2):26–8, Mar–Apr 77 **(Rus)**
ADULT/ AGED/ *CORONARY DISEASE, blood/ *EXERTION/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *HYPERTENSION, blood/ MALE/ MIDDLE AGE/ TIME FACTORS

1624. **Chun PW, Shiao SY, Saffen EE, et al:** Measurements of the apparent interfacial viscosity of the red blood cell. Anal Biochem 76(2):648–53, Dec 76
ANEMIA, SICKLE CELL/ *BLOOD VISCOSITY/ *ERYTHROCYTES, physiology/ ERYTHROCYTES, ABNORMAL, physiology/ METHODS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1625. **Chung J, Scanu AM:** Isolation, molecular properties, and kinetic characterization of lipoprotein lipase from rat heart. J Biol Chem 252(12):4202–9, 25 Jun 77
ANIMAL/ APOLIPOPROTEINS, pharmacodynamics/ ELECTROPHORESIS, DISC/ EMULSIONS/ KINETICS/ LIPOPROTEIN LIPASE, isolation & purification/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ MEMBRANES, ARTIFICIAL/ *MYOCARDIUM, enzymology/ RATS/ TRIGLYCERIDES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1626. **Chute A, Haddow JE, Ritchie RF:** Improved electroimmunoassay of factor VIII-related antigen. Clin Chem 23(3):602–3, Mar 77
*ANTIGENS, analysis/ ELECTROPHORESIS, AGAR GEL/ *FACTOR VIII, immunology/ FEMALE/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE

1627. **Ciammaichella A:** Aspetti terapeutici della malattia arteriosclerotica Clin Ter 78(4):295–301, 31 Aug 76 **(Ita)**
ANTICOAGULANTS, therapeutic use/ *ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, surgery/ HUMAN/ VASODILATOR AGENTS, therapeutic use

1628. **Cianci S, Santagelo G, Benfatto G, et al:** Le melene precoci nei neonati da gravidanza ad alto rischio Minerva Pediatr 29(9):627–32, 17 Mar 77 **(Ita)**
BLOOD COAGULATION DISORDERS, complications/ ECLAMPSIA, complications/ FEMALE/ HUMAN/ HYPERTENSION, complications/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ KIDNEY DISEASES, complications/ *MELENA/ PREGNANCY IN DIABETES, complications/ *PREGNANCY COMPLICATIONS/ PREGNANCY

1629. **Ciardini A, Bini G, Gabbani A:** Contributo clinico alla sindrome di Kasabach-Merritt. Minerva Pediatr 29(14):1017–20, 21 Apr 77 (Eng. Abstr.) **(Ita)**
CASE REPORT/ ENGLISH ABSTRACT/ *HEMANGIOMA, diagnosis/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, diagnosis/ MALE/ *PURPURA, THROMBOPENIC, diagnosis/ *SKIN NEOPLASMS, diagnosis/ SYNDROME

1630. **Ciavatti M, Jouvenceaux A, Chataing B, et al:** Modifications de la membrane érythrocytaire au cours de la conservation du sang. Influence de la progestérone Rev Fr Transfus Immunohematol 19(4):539–54, Dec 76 (Eng. Abstr.) **(Fre)**
*BLOOD PRESERVATION/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ *ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, metabolism/ FATTY ACIDS, metabolism/ FEMALE/ HUMAN/ LINOLEIC ACIDS, metabolism/ MALE/ MEMBRANE PROTEINS, blood/ PHOSPHATIDYLCHOLINES, biosynthesis/ *PROGESTERONE, metabolism/ TIME FACTORS

1631. **Ciavatti M, Michel G, Dechavanne M:** Platelet phospholipids in venous thrombosis after surgical operation. Biochem Med 17(2):180–6, Apr 77
AGED/ *BLOOD PLATELETS, metabolism/ FATTY ACIDS, analysis/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PHOSPHOLIPIDS, blood/ POSTOPERATIVE COMPLICATIONS, metabolism/ *THROMBOPHLEBITIS, blood

1632. **Cieslar P, Matousová:** K otázce antiheparinové aktivity u poruch hemostázy Sb Lek 78(10):277–85, Oct 76 (Eng. Abstr.) **(Cze)**
*BLOOD COAGULATION DISORDERS, blood/ ENGLISH ABSTRACT/ *HEMOSTASIS/ *HEPARIN ANTAGONISTS, blood/ HUMAN/ PLATELET AGGREGATION

1633. **Cihák J:** Příspěvek k otázce hodnocení kvality dlouhodobé antikoagulační léčby u nemocných po infarktu myokardu Sb Lek 78(9):249–54, Sep 76 (Eng. Abstr.) **(Cze)**
ADULT/ AGED/ *COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ LONG TERM CARE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ TIME FACTORS

1634. **Cimo PL, Pisciotta AV, Desai RG, et al:** Detection of drug-dependent antibodies by the 51Cr platelet lysis test: documentation of immune thrombocytopenia induced by diphenylhydantoin, diazepam, and sulfisoxazole. Am J Hematol 2(1):65–72, 1977
ADOLESCENCE/ *ANTIBODIES, analysis/ *ANTIBODY SPECIFICITY/ *BLOOD PLATELETS, immunology/ CASE REPORT/ CHROMIUM RADIOISOTOPES/ *DIAZEPAM/ *DIPHENYLHYDANTOIN/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ QUINIDINE/ QUININE/ *SULFISOXAZOLE/ THROMBOPENIA, chemically induced/ *THROMBOPENIA, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1635. **Cinti DL, Feinstein MB:** Platelet cytochrome P450: a possible role in arachidonate-induced aggregation. Biochem Biophys Res Commun 73(1):171–9, 8 Nov 76
*ARACHIDONIC ACIDS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ CARBON MONOXIDE, pharmacodynamics/ *CYTOCHROME P-450, blood/ CYTOCHROMES, blood/ HUMAN/ METYRAPONE, pharmacodynamics/ MICROSOMES, drug effects/ MICROSOMES, enzymology/ PEROXIDES, metabolism/ *PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, metabolism/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1636. **Cîrstea M, Coteață V, Suhaciu G:** Studies on the sensitizing activity of alpha-chymotrypsin in man. Physiologie 14(2):107–12, Apr-Jun 77 (Eng. Abstr.)
ADULT/ ANTIBIOTICS, therapeutic use/ ANTIBODIES, analysis/ *CHYMOTRYPSIN, adverse effects/ CHYMOTRYPSIN, immunology/ CHYMOTRYPSIN, therapeutic use/ *DRUG HYPERSENSITIVITY/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ SKIN TESTS

1637. **Claesson HE, Malmsten C:** On the interrelationship of prostaglandin endoperoxide G2 and cyclic nucleotides in platelet function. Eur J Biochem 76(1):277–84, 1 Jun 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE DIPHOSPHATE, blood/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, analogs & derivatives/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ HUMAN/ INDOMETHACIN, pharmacodynamics/ MODELS, BIOLOGICAL/ PEROXIDES, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS, pharmacodynamics/ SEROTONIN, blood

1638. **Clark F:** Drugs and vitamin deficiency. J Hum Nutr 30(5):333–7, Oct 76 (41 ref.)
ASCORBIC ACID DEFICIENCY, chemically induced/ *AVITAMINOSIS, chemically induced/

*DRUG THERAPY, adverse effects/ FOLIC ACID DEFICIENCY, chemically induced/ HUMAN/ PYRIDOXINE DEFICIENCY, chemically induced/ REVIEW/ RIBOFLAVIN DEFICIENCY, chemically induced/ THIAMINE DEFICIENCY, chemically induced/ VITAMIN A DEFICIENCY, chemically induced/ VITAMIN B 12 DEFICIENCY, chemically induced/ VITAMIN D DEFICIENCY, chemically induced/ VITAMIN K DEFICIENCY, chemically induced/ VITAMINS, antagonists & inhibitors/ VITAMINS, metabolism

1639. **Clark K:** Complications of aneurysm surgery. Clin Neurosurg 23:342–56, 1976
AGE FACTORS/ CAROTID ARTERY, INTERNAL/ CEREBRAL ANEURYSM, mortality/ *CEREBRAL ANEURYSM, surgery/ CEREBRAL HEMORRHAGE, etiology/ FEMALE/ HUMAN/ HYPOTENSION, CONTROLLED/ MALE/ METHODS/ *POSTOPERATIVE COMPLICATIONS/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY/ SUBARACHNOID HEMORRHAGE, etiology/ THROMBOPHLEBITIS, etiology

1640. **Clark RE, Apostolou S, Kardos JL:** Mismatch of mechanical properties as a cause of arterial prostheses thrombosis. Surg Forum 27(62):208–10, 1976
ANIMAL/ AORTA, ABDOMINAL, surgery/ *ARTERIES, anatomy & histology/ ARTERIES, surgery/ *BLOOD VESSEL PROSTHESIS, adverse effects/ DOGS/ POLYESTERS/ POLYTETRAFLUOROETHYLENE/ STRESS, MECHANICAL/ *THROMBOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1641. **Clark RE, Pavlovic TA, Knight BE, et al:** Quantification of wear, hemolysis and coagulation deficits in patients with Beall mitral valves. Circulation 56(3 Pt 2 Suppl):II139–43, Sep 77
ADULT/ AGED/ ANEMIA, HYPOCHROMIC, blood/ ANEMIA, HYPOCHROMIC, etiology/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, etiology/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ *HEMOLYSIS/ HUMAN/ IRON, urine/ LACTATE DEHYDROGENASE, blood/ MALE/ MIDDLE AGE/ *MITRAL VALVE/ POSTOPERATIVE COMPLICATIONS, blood/ THROMBOEMBOLISM, blood/ THROMBOEMBOLISM, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1642. **Clark RAF, Sandler JA, Gallin JI, et al:** Histamine modulation of eosinophil migration. J Immunol 118(1):137–45, Jan 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *CHEMOTAXIS, drug effects/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENDOTOXINS/ *EOSINOPHILS, physiology/ *HISTAMINE, pharmacodynamics/ HUMAN/ KALLIKREIN, pharmacodynamics/ METIAMIDE, pharmacodynamics/ *RECEPTORS, HISTAMINE H1, physiology/ *RECEPTORS, HISTAMINE H2, physiology/ *RECEPTORS, HISTAMINE, physiology

1643. **Clarke FH:** New skeletal-space-filling models. A model of an enzyme active site. J Chem Educ 54(4):230–5, Apr 77
*BINDING SITES/ *CHYMOTRYPSIN/ *MODELS, CHEMICAL

1644. **Clarke PD, Amos RS, Edwards CW, et al:** Histiocytic medullary reticulosis with hypogammaglobulinaemia and disseminated intravascular coagulation. Postgrad Med J 53(615):49–50, Jan 77
*AGAMMAGLOBULINEMIA, etiology/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEVER, etiology/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *RETICULOENDOTHELIOSIS, complications/ RETICULOENDOTHELIOSIS, drug therapy

1645. **Claus DR, Siegel J, Petras K, et al:** Complement activation by interaction of polyanions and polycations. III. Complement activation by interaction of multiple polyanious and polycations is the presence of C-reactive protein. J Immunol 118(1):83–7, Jan 77
ANIONS/ *C-REACTIVE PROTEIN, metabolism/ CHONDROITIN SULFATES, pharmacodynamics/ *COMPLEMENT 1, metabolism/ COMPLEMENT, metabolism/ *COMPLEMENT, metabolism/ DNA, pharmacodynamics/ *HEPARIN, metabolism/ HEPARIN, pharmacodynamics/ HUMAN/ LYSINE, pharmacodynamics/ PEPTIDES, pharmacodynamics/ *PROTAMINES, metabolism/ PROTAMINES, pharmacodynamics/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1646. **Clauvel JP, Neumann CL, Seligmann M:** Complications hématologiques du lupus érythémateux disséminé Ann Med Interne (Paris) 128(1):49–56, Jan 77 **(Fre)**
ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ ANEMIA, complications/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, complications/ ANEMIA, SIDEROBLASTIC, complications/ ARTHRITIS, complications/ AUTOANTIBODIES/ CASE REPORT/ CEREBRAL HEMORRHAGE, etiology/ FEMALE/ *HEMATOLOGIC DISEASES, complications/ HODGKIN'S DISEASE, complications/ HUMAN/ LEUKEMIA, complications/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MULTIPLE MYELOMA, complications/ PANCYTOPENIA, complications/ PROGNOSIS/ SARCOMA, complications/ SARCOMA, RETICULUM CELL, complications/ THROMBOPENIA, complications

1647. **Clavin SA, Bobbitt JL, Shuman RT, et al:** Use of peptidyl-4-methoxy-2-naphthylamides to assay plasmin. Anal Biochem 80(2):355–65, Jun 77
*FIBRINOLYSIN, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ OLIGOPEPTIDES/ STRUCTURE-ACTIVITY RELATIONSHIP/ 2-NAPHTHYLAMINE, analogs & derivatives

1648. **Clay Cl, Dhermy P, Offret G, et al:** Angiome osseux de l'orbite Arch Ophtalmol (Paris) 36(12):805–18, Dec 76 (Eng. Abstr.) **(Fre)**
CAROTID ARTERIES, radiography/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, pathology/ *HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ ORBITAL NEOPLASMS, pathology/ *ORBITAL NEOPLASMS, radiography/ ORBITAL NEOPLASMS, surgery

1649. **Clayton JK, Anderson JA, McNicol GP:** Preoperative prediction of postoperative deep vein thrombosis. Br Med J 2(6041):910–2, 16 Oct 76
ADULT/ AGE FACTORS/ ANTIGENS, analysis/ BODY WEIGHT/ FIBRIN, immunology/ HUMAN/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ PROGNOSIS/ SERUM GLOBULINS/ *THROMBOPHLEBITIS, diagnosis/ VARICOSE VEINS, complications

1650. **Clayton JK, Anderson JA, McNicol GP:** Effect of cigarette smoking on thromboembolism [letter]. Br Med J 1(6056):290, 29 Jan 77
FEMALE/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *SMOKING/ *THROMBOEMBOLISM, prevention & control

1651. **Cleary PE:** Retino-vascular malformations. Trans Ophthalmol Soc UK 96(2):213–5, Jul 76
ANEURYSM, congenital/ ANGIOMATOSIS, congenital/ EYE NEOPLASMS, congenital/ HEMANGIOMA, CAVERNOUS, congenital/ HUMAN/ RETINA/ RETINAL ARTERY, abnormalities/ *RETINAL DISEASES, congenital/ *RETINAL VESSELS, abnormalities/ TELANGIECTASIS, congenital/ VASCULAR DISEASES, congenital

1652. **Clejan L, Menahem H:** Binding of deoxyribonucleic acid to the surface of human platelets. Acta Haematol (Basel) 58(2):84–8, 1977
BINDING SITES/ *BLOOD PLATELETS, metabolism/ *DNA, blood/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, blood

1653. **Clemente C, Bosch J, Rodés J, et al:** Functional renal failure and haemorrhagic gastritis associated with endotoxaemia in cirrhosis. Gut 18(7):556–60, Jul 77
BLOOD COAGULATION TESTS/ *ENDOTOXINS, blood/ *GASTRITIS, etiology/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ *KIDNEY FAILURE, CHRONIC, etiology/ LIMULUS/ *LIVER CIRRHOSIS, complications

1654. **Clemetson KJ, Pfueller SL, Luscher EF, et al:** Isolation of the membrane glycoproteins of human blood platelets by lectin affinity chromatography. Biochim Biophys Acta 464(3):493–508, 4 Feb 77
*BLOOD PLATELETS, analysis/ CHROMATOGRAPHY, AFFINITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *GLYCOPROTEINS/ GLYCOPROTEINS, blood/ GLYCOPROTEINS, isolation & purification/ HUMAN/ *MEMBRANE PROTEINS/ MEMBRANE PROTEINS, blood/ MEMBRANE PROTEINS, isolation & purification/ PLANT AGGLUTININS/ SPECIES SPECIFICITY

1655. **Clemmensen I, Thorsen S, Müllertz S:** Purification of a plasminogen activator inhibitor indistinguishable from alpha1–antitrypsin and an urokinase inhibitor in pregnancy plasma. Haemostasis 5(4):218–30, 1976
*ALPHA 1–ANTITRYPSIN, isolation & purification/ ALPHA 1–ANTITRYPSIN, pharmacodynamics/ ANTITHROMBINS, isolation & purification/ CHROMATOGRAPHY, GEL/ FEMALE/ FIBRINOLYSIS, drug effects/ FRACTIONATION/ HUMAN/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PLASMA, analysis/ *PLASMINOGEN ACTIVATORS, antagonists & inhibitors/ *PREGNANCY/ *UROKINASE, antagonists & inhibitors/ UROKINASE, pharmacodynamics

1656. **Clerck FD, Goossens J, Beerens M:** Lack of platelet factor–3 activation after incubation of platelet–rich plasma with kaolin in the rat. Experientia 32(12):1602–3, 15 Dec 76
ANIMAL/ *BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ COLLAGEN/ FREEZING/ *KAOLIN, diagnostic use/ MALE/ PLATELET AGGREGATION/ *PLATELET FACTOR 3, metabolism/ RATS/ SPECIES SPECIFICITY

1657. **Cleveland DW, Fischer SG, Kirschner MW, et al:** Peptide mapping by limited proteolysis in sodium dodecyl sulfate and analysis by gel electrophoresis. J Biol Chem 252(3):1102–6, 10 Feb 77
ALKALINE PHOSPHATASE/ *ELECTROPHORESIS, POLYACRYLAMIDE GEL, methods/ ESCHERICHIA COLI, enzymology/ *PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ *PROTEINS/ SODIUM DODECYL SULFATE/ STAPHYLOCOCCUS AUREUS, enzymology/ TUBULIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON–N.I.H.

1658. **Clifford JR, Connolly ES, Voorhies RM:** Comparison of radionuclide scans with computer–assisted tomography in diagnosis of intracranial disease. Neurology (Minneap) 26(12):119–23, Dec 76
BRAIN DISEASES, diagnosis/ BRAIN DISEASES, METABOLIC, diagnosis/ BRAIN NEOPLASMS, diagnosis/ CEREBRAL EMBOLISM AND THROMBOSIS/ CEREBROVASCULAR DISORDERS, diagnosis/ COMPARATIVE STUDY/ ENCEPHALITIS, diagnosis/ GLIOMA, diagnosis/ HEADACHE, diagnosis/ HEMATOMA, diagnosis/ HUMAN/ MENINGIOMA, diagnosis/ MENINGITIS, diagnosis/ *RADIONUCLIDE IMAGING/ *TOMOGRAPHY, COMPUTERIZED AXIAL

1659. **Clinton GM, Hayashi M:** The parvovirus MVM: a comparison of heavy and light particle infectivity and their density conversion in vitro. Virology 74(1):57–63, 1 Oct 76
CELL LINE/ COMPARATIVE STUDY/ *MINUTE VIRUS OF MICE, growth & development/ *PARVOVIRUSES, growth & development/ PLAQUE ASSAY/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON–N.I.H./ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, physiology

1660. **Clodius L, Földi M:** Eine neue Methode zur Herbeiführung einer numerisch erfassbaren Gangrän am Kaninchenohr; die therapeutische Wirkung einer Behandlung mit Benzopyronen Praxis 65(17):514–8, 27 Apr 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ *COUMARINS, therapeutic use/ EAR/ ENGLISH ABSTRACT/ *GANGRENE, etiology/ GANGRENE, prevention & control/ RABBITS

1661. **Clodius L:** Der Naevus teleangiectaticus der Gesichtshaut: Möglichkeiten und Probleme der plastischen Wiederherstellung Dermatologica 153(2):68–9, 1976 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ *FACIAL NEOPLASMS, surgery/ *HEMANGIOMA, surgery/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ *SKIN NEOPLASMS, surgery/ *SKIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS

1662. **Clodius L:** Excision and grafting of extensive facial haemangiomas. Br J Plast Surg 30(3):185–96, Jul 77
CASE REPORT/ CLAVICLE/ EAR/ *FACIAL NEOPLASMS, surgery/ FEMALE/ FOOT/ *HEMANGIOMA, surgery/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ POSTOPERATIVE CARE/ *SKIN, transplantation/ *SURGERY, PLASTIC, methods/ TRANSPLANTATION, AUTOLOGOUS

1663. **Closset JI, Gerday C:** Parvalbumins of white muscles of Gadidae––II. Properties and existence of two evolutionary lineages. Comp Biochem Physiol [B] 55(4):537–42, 1976
AMINO ACIDS, analysis/ ANIMAL/ CIRCULAR DICHROISM/ COMPARATIVE STUDY/ *EVOLUTION/ *FISHES, metabolism/ ISOELECTRIC FOCUSING/ *MUSCLES/ MUSCLES, metabolism/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN

1664. **Clouet DH, Ratner M:** The incorporation of H3–glycine into enkephalins in the brains of morphine treated rats. pp. 71–8.
In: Kosterlitz HW, ed. Opiates and endogenous opioid peptides. Amsterdam, North–Holland, 1976. QV 90 I61o 1976.
AMINOPEPTIDASES, radiation effects/ ANIMAL/ BRAIN, drug effects/ *BRAIN, metabolism/ BRAIN, radiation effects/ CARBOXYPEPTIDASES, metabolism/ DRUG WITHDRAWAL SYMPTOMS/ *GLYCINE, metabolism/ LEUCINE AMINOPEPTIDASE, metabolism/ MALE/ MICROWAVES/ MONOGRAPH/ *MORPHINE, pharmacodynamics/ NARCOTICS/ *OLIGOPEPTIDES, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ RATS

1665. **Clowes AW, Karnovsky MJ:** Failure of certain antiplatelet drugs to affect myointimal thickening following arterial endothelial injury in the rat. Lab Invest 36(4):452–64, Apr 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ AIR/ ANIMAL/ *ASPIRIN, pharmacodynamics/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ *CAROTID ARTERIES, drug effects/ CAROTID ARTERIES, physiology/ CAROTID ARTERIES, ultrastructure/ CLOT RETRACTION/ COLLAGEN, pharmacodynamics/ ENDOTHELIUM, drug effects/ ENDOTHELIUM, physiology/ *FLURBIPROFEN, pharmacodynamics/ HYPERPLASIA/ MALE/ MESENTERY/ MODELS, BIOLOGICAL/ MUSCLE, SMOOTH, pathology/ *PLATELET AGGREGATION, drug effects/ *PROPIONATES, pharmacodynamics/ RATS/ REGENERATION/ *RESERPINE, pharmacodynamics/ THROMBIN, pharmacodynamics/ UNITED STATES

GOVERNMENT SUPPORTED, N.I.H.

1666. **Clowes AW, Karnowsky MJ:** Suppression by heparin of smooth muscle cell proliferation in injured arteries. Nature 265(5595):625–6, 17 Feb 77
ANIMAL/ *ARTERIES, injuries/ CAROTID ARTERIES, cytology/ CAROTID ARTERIES, drug effects/ CAROTID ARTERIES, injuries/ CELL DIVISION, drug effects/ DEPRESSION, CHEMICAL/ ENDOTHELIUM, cytology/ ENDOTHELIUM, drug effects/ ENDOTHELIUM, injuries/ *HEPARIN, pharmacodynamics/ MALE/ *MUSCLE, SMOOTH, cytology/ MUSCLE, SMOOTH, drug effects/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1667. **Clowes GH:** Symposium on response to infection and injury II: forword. Surg Clin North Am 56(5):997–8, Oct 76
BLOOD COAGULATION/ ENERGY METABOLISM/ HOMEOSTASIS/ HUMAN/ PROTEINS, biosynthesis/ *WOUND INFECTION, physiopathology/ *WOUNDS AND INJURIES, physiopathology

1668. **Clumeck N, Dereume JP, Hubrechts JM, et al:** Bacterial endocarditis, intravascular coagulation and aortic bifurcation embolism. Acta Clin Belg 31(5):292–4, 1976 (Eng. Abstr.)
AORTA, ABDOMINAL, pathology/ *AORTIC DISEASES, etiology/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *EMBOLISM, etiology/ EMBOLISM, pathology/ *ENDOCARDITIS, BACTERIAL, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE

1669. **Clyne MJ:** The treatment of haemorrhoids: a multicentre clinical trial. Practitioner 218(1307):706–7, May 77
CLINICAL RESEARCH/ FEMALE/ *HEMORRHOIDS, drug therapy/ *HEPARINOID, therapeutic use/ HUMAN/ MALE

1670. **Coates G, Nahmias C:** Xenon–127, a comparison with xenon–133 for ventilation studies. J Nucl Med 18(3):221–5, Mar 77
COMPARATIVE STUDY/ *LUNG DISEASES, diagnosis/ MODELS, BIOLOGICAL/ PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING/ TECHNETIUM, diagnostic use/ *XENON RADIOISOTOPES, diagnostic use

1671. **Coates M, Brimhall B, Stenzel P, et al:** alpha–chain sequence of newt haemoglobin (Taricha granulosa). Aust J Biol Sci 30(1–2):1–19, Apr 77
AMINO ACID SEQUENCE/ ANIMAL/ COMPARATIVE STUDY/ *GLOBIN, analysis/ *HEMOGLOBINS, analysis/ HUMAN/ *NEWTS, blood/ PEPTIDE FRAGMENTS, analysis/ PHYLOGENY/ *SALAMANDERS, blood/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1672. **Coccheri S, Gasbarrini G, Palareti G, et al:** Coagulation studies in chronic active hepatitis. pp. 49–53. In: Gentilini P, et al., ed. Chronic hepatitis. Basel, Karger, 1976. WI 703 I58c 1975.
BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ COMPARATIVE STUDY/ FIBRINOLYSIS/ *HEPATITIS, blood/ HEPATITIS, complications/ HUMAN/ LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, complications/ MONOGRAPH

1673. **Cocco L, Maraldi NM, Antonucci A, et al:** Caratterizzazione di proteasi contenute nella frazione proteica non istonica della cromatina nei linfociti umani
Boll Soc Ital Biol Sper 52(13):961–5, 15 Jul 76 **(Ita)**
ANIMAL/ BLOOD DONORS/ CATTLE/ *CHROMATIN, metabolism/ *CHROMOSOMAL PROTEINS, NON-HISTONE, blood/ DNA, blood/ HUMAN/ LYMPHOCYTES, enzymology/ *LYMPHOCYTES, metabolism/ *PEPTIDE HYDROLASES, blood/ RATS/ TRANSCRIPTION, GENETIC

1674. **Cochet C, Job D, Dhien A, et al:** A soluble glucocorticoid binding protein in the bovine adrenal cortex. Arch Biochem Biophys 180(1):1–9, 15 Apr 77
*ADRENAL CORTEX, metabolism/ *ADRENAL GLANDS, metabolism/ CATTLE/ CYTOSOL, metabolism/ DEOXYRIBONUCLEASE, pharmacodynamics/ *DEXAMETHASONE, metabolism/ DIALYSIS/ ETHYLMALEIMIDE, pharmacodynamics/ HYDROCORTISONE, metabolism/ MOLECULAR WEIGHT/ PRONASE, pharmacodynamics/ *RECEPTORS, GLUCOCORTICOID, metabolism/ *RECEPTORS, STEROID, metabolism/ RIBONUCLEASE, pharmacodynamics/ TRYPSIN, pharmacodynamics

1675. **Cochran M, Martin JF, Ross B:** Postpartum acute renal failure: possible role for endarterial urokinase. Br Med J 1(6071):1257, 14 May 77
ADULT/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ KIDNEY FAILURE, ACUTE, diagnosis/ *KIDNEY FAILURE, ACUTE, drug therapy/ *PEPTIDE PEPTIDOHYDROLASES, administration & dosage/ PREGNANCY/ PUERPERAL DISORDERS, diagnosis/ *PUERPERAL DISORDERS, drug therapy/ *UROKINASE, administration & dosage

1676. **Cocito PL, Giaccardi GC, Scaglione EM:** A proposito di un caso di angiolipoleiomiosarcoma renale associato a sclerosi tuberosa di Bourneville Minerva Urol 28(5):253–64, SEP–OCT 76 **(Ita)**
ADULT/ CASE REPORT/ *HEMANGIOMA, complications/ HUMAN/ *KIDNEY NEOPLASMS, complications/ *LEIOMYOSARCOMA, complications/ *LIPOMA, complications/ MALE/ *TUBEROUS SCLEROSIS, complications

1677. **Cockcroft DW, Donevan RE, Copland GM, et al:** Miliary tuberculosis presenting with hyponatremia and thrombocytopenia. Can Med Assoc J 115(9):871–3, 6 Nov 76
AGED/ CASE REPORT/ FEMALE/ HUMAN/ *HYPONATREMIA, complications/ *THROMBOPENIA, complications/ *TUBERCULOSIS, MILIARY, complications/ TUBERCULOSIS, MILIARY, diagnosis/ TUBERCULOSIS, MILIARY, drug therapy

1678. **Coeugniet E:** Drugs with antithrombotic effect: experimental study. Thromb Haemostas 35(2):495–9, 30 Apr 76
ANIMAL/ ANOXIA/ ASPIRIN, analogs & derivatives/ *ASPIRIN, pharmacodynamics/ *DIPYRIDAMOLE, pharmacodynamics/ DRUG SYNERGISM/ HEPARIN, pharmacodynamics/ LYSINE/ MICE/ PLATELET AGGREGATION, drug effects/ *PROMETHAZINE, pharmacodynamics/ RATS/ *THROMBOEMBOLISM, prevention & control

1679. **Coeugniet E, Bendixen G:** Leucocyte migration fibrinolysis technique (LMFT): description of a method. Biomedicine [Express] 25(8):288–90, 30 Sep 76
CELL MOVEMENT/ FIBRIN/ *FIBRINOLYSIS/ GELS/ HUMAN/ IMMUNOLOGIC TECHNICS/ *LEUKOCYTES, physiology

1680. **Coeugniet E, Bendixen G:** Leucocyte migration inhibitory activity (LMIA) on concanavalin A (Con–A) stimulated human lymphocytes. Comparison of leucocyte migration capillary technique (LMCT), leucocyte migration agarose technique (LMAT), and leucocyte migration fibrinolysis technique (LMFT). Acta Pathol Microbiol Scand [C] 84C(6):485–8, Dec 76
ADULT/ *CELL MIGRATION INHIBITION/ COMPARATIVE STUDY/ *CONCANAVALIN A, pharmacodynamics/ FIBRINOLYSIS/ HUMAN/ IN VITRO/ *LEUKOCYTES, immunology/ *LYMPHOCYTES, immunology/ LYMPHOKINES, immunology/ METHODS/ MIGRATION INHIBITORY FACTOR/ SEPHAROSE

1681. **Coffee CJ, Solano C:** Preparation and properties of carp muscle parvalbumin fragments A (residues 1 leads to 75) and B (residues 76 leads to 108). Biochim Biophys Acta 453(1):67–80, 26 Nov 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CALCIUM, metabolism/ CARP/ KINETICS/ *MUSCLE PROTEINS/ MUSCLE PROTEINS, isolation & purification/ *MUSCLES, metabolism/ *PARVALBUMINS/ PARVALBUMINS, isolation & purification/ PARVALBUMINS, metabolism/ PEPTIDE FRAGMENTS, analysis/ PROTEIN

BINDING/ PROTEIN CONFORMATION/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1682. **Coffer AI, Milton PJ, Pryse-Davies J, et al:** Purification of oestradiol receptor from human uterus by affinity chromotrgraphy. Mol Cell Endocrinol 6(4–5):231–46, Feb 77
CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, AFFINITY/ *ESTRADIOL, metabolism/ FEMALE/ HUMAN/ ISOELECTRIC FOCUSING/ ISOELECTRIC POINT/ METHODS/ MOLECULAR WEIGHT/ *MYOMETRIUM, analysis/ MYOMETRIUM, enzymology/ PEPTIDE HYDROLASES, metabolism/ RECEPTORS, ESTROGEN, analysis/ *RECEPTORS, ESTROGEN, isolation & purification/ *UTERUS, analysis

1683. **Cohen BH, Ball WC Jr, Brashears S, et al:** Risk factors in chronic obstructive pulmonary disease (COPD). Am J Epidemiol 105(3):223–32, Mar 77
ALPHA 1-ANTITRYPSIN, deficiency/ ABO BLOOD-GROUP SYSTEM/ BRONCHITIS, etiology/ HUMAN/ LUNG DISEASES, OBSTRUCTIVE, blood/ *LUNG DISEASES, OBSTRUCTIVE, etiology/ LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ MARYLAND/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PULMONARY EMPHYSEMA, etiology/ RESPIRATORY FUNCTION TESTS/ RISK/ SMOKING, complications/ SOCIOECONOMIC FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VARIATION (GENETICS)

1684. **Cohen BL, Drucker H:** Regulation of exocellular protease in Neurospora crassa: induction and repression under conditions of nitrogen starvation. Arch Biochem Biophys 182(2):601–13, Aug 77
AMINO ACIDS, metabolism/ AMMONIA, metabolism/ ENZYME INDUCTION/ KINETICS/ *NEUROSPORA CRASSA, enzymology/ NEUROSPORA CRASSA, metabolism/ *NEUROSPORA, enzymology/ NITROGEN, metabolism/ *PEPTIDE HYDROLASES, biosynthesis/ SERUM ALBUMIN, BOVINE/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1685. **Cohen BM:** Vascularised transplantation of the Fallopian tube in the human female--a proposed surgical technique. Int J Fertil 21(3):33–46, 1976
BROAD LIGAMENT, surgery/ *FALLOPIAN TUBES, transplantation/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ IRRIGATION/ METHODS/ ORGAN PRESERVATION, instrumentation/ ORGAN PRESERVATION, methods/ OVARY, blood supply/ OVARY, surgery/ PERFUSION/ POSTOPERATIVE CARE/ *STERILITY, FEMALE, surgery/ TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS/ UTERUS, blood supply/ UTERUS, surgery

1686. **Cohen DJ, Young JG, Roth JA:** Platelet monoamine oxidase in early childhood autism. Arch Gen Psychiatry 34(5):534–7, May 77
ADOLESCENCE/ ADULT/ AGE FACTORS/ APHASIA, enzymology/ AUTISM, EARLY INFANTILE, blood/ *AUTISM, EARLY INFANTILE, enzymology/ BLOOD CELL COUNT/ *BLOOD PLATELETS, enzymology/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ FEMALE/ GENETICS, BEHAVIORAL/ HUMAN/ MALE/ *MONOAMINE OXIDASE, blood/ NUCLEAR FAMILY/ PUBERTY/ SEX FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1687. **Cohen E, Caprini J, Zuckerman L, et al:** Evaluation of three methods used to identify accelerated coagulability. Thromb Res 10(4):587–604, Apr 77
BLOOD COAGULATION/ COMPARATIVE STUDY/ HUMAN/ MATHEMATICS/ NEOPLASMS, physiopathology/ STATISTICS/ *THROMBELASTOGRAPHY, methods

1688. **Cohen IJ:** Cold injury in early infancy. Isr J Med Sci 13(4):405–9, Apr 77
BODY TEMPERATURE/ BODY WEIGHT/ *DISSEMINATED INTRAVASCULAR COAGULATION, mortality/ ETHNIC GROUPS/ FEMALE/ HUMAN/ *HYPOTHERMIA, mortality/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, mortality/ ISRAEL/ MALE/ PROTEUS INFECTIONS, mortality/ PROTEUS MIRABILIS/ THROMBOPENIA, mortality

1689. **Cohen JA, Frederickson EL, Kaplan JA:** Plasma heparin activity and antagonism during cardiopulmonary bypass with hypothermia. Anesth Analg (Cleve) 56(4):564–70, Jul-Aug 77
*CARDIOPULMONARY BYPASS/ *HEPARIN, blood/ HUMAN/ *HYPOTHERMIA, INDUCED/ PROTAMINES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1690. **Cohen LA, Tsuang J, Chan PC:** Characteristics of rat normal mammary epithelial cells and dimethylbenzanthracene-induced mammary adenocarcinoma cells grown in monolayer culture. In Vitro 10:51–62, Jul-Aug 74
*ADENOCARCINOMA/ ADENOCARCINOMA, chemically induced/ AGGLUTINATION/ ANIMAL/ CELL DIVISION/ *CELL LINE/ CLONE CELLS/ COMPARATIVE STUDY/ CONCANAVALIN A/ KARYOTYPING/ *MAMMAE/ *MAMMARY NEOPLASMS, EXPERIMENTAL/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, etiology/ PLANT AGGLUTININS/ RATS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ 9,10-DIMETHYL-1,2-BENZANTHRACENE

1691. **Cohen LS:** Clinical pharmacoloby of acetylsalicylic acid. Semin Thromb Hemostas 2(3):146–75, Jan 76 (102 ref.)
ABSORPTION/ ASPIRIN, adverse effects/ *ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ BLOOD PLATELETS, drug effects/ DRUG COMBINATIONS/ DRUG HYPERSENSITIVITY, etiology/ GASTROINTESTINAL SYSTEM, drug effects/ HEMOSTASIS, drug effects/ HUMAN/ KIDNEY, metabolism/ PROBENECID, antagonists & inhibitors/ PROTEIN BINDING, drug effects/ REVIEW/ SALICYLATES, blood/ SALICYLATES, pharmacodynamics/ SALICYLIC ACIDS, metabolism/ SPIRONOLACTONE, antagonists & inhibitors/ THROMBOSIS, drug therapy/ XYLOSE, urine

1692. **Cohen MH:** Signs and symptoms of bronchogenic carcinoma. Semin Oncol 1(3):183–9, Sep 74 (47 ref.)
ADENOCARCINOMA, diagnosis/ BLOOD PROTEIN DISORDERS, etiology/ BRAIN DISEASES, etiology/ *CARCINOMA, BRONCHOGENIC, diagnosis/ CARCINOMA, EPIDERMOID, diagnosis/ CARCINOMA, OAT CELL, diagnosis/ CEREBELLAR DISEASES, etiology/ COLD/ ENDOCARDITIS, etiology/ FIBRINOGEN/ HUMAN/ *LUNG NEOPLASMS, diagnosis/ LUNG NEOPLASMS, pathology/ MYASTHENIA GRAVIS, etiology/ MYOSITIS, etiology/ NEOPLASM METASTASIS/ OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC, etiology/ PERIPHERAL NERVE DISEASES, etiology/ REVIEW/ SKIN DISEASES, etiology/ THORACIC NEOPLASMS, pathology/ THROMBOPHLEBITIS, etiology

1693. **Cohen N, Grauer M, Berant M:** Duodenal intramural hematoma in anaphylactoid purpura [letter]. J Pediatr 89(5):856, Nov 76
CASE REPORT/ CHILD, PRESCHOOL/ *DUODENAL OBSTRUCTION, diagnosis/ FEMALE/ HEMATOMA, complications/ *HEMATOMA, diagnosis/ *HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HUMAN/ PURPURA, SCHOENLEIN-HENOCH, complications/ *PURPURA, SCHOENLEIN-HENOCH, diagnosis

1694. **Cohen P, Nimmo GA, Antoniw JF:** Specificity of a protein phosphatase inhibitor from rabbit skeletal muscle. Biochem J 162(2):435–44, 15 Feb 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/

ANIMAL/ CHROMATOGRAPHY, GEL/ ENZYME INHIBITORS, isolation & purification/ ENZYME INHIBITORS, metabolism/ GLYCOGEN/ MOLECULAR WEIGHT/ MUSCLES, enzymology/ *MUSCLES, metabolism/ *PHOSPHATASES, antagonists & inhibitors/ PHOSPHATASES, metabolism/ PHOSPHORYLASE PHOSPHATASE, metabolism/ PROTEIN KINASE, antagonists & inhibitors/ PROTEINS/ RABBITS/ TRYPSIN

1695. **Cohen SM, Ertürk E, Bryan GT:** Comparative carcinogenicity of 5-nitrothiophenes and 5-nitrofurans in rats. J Natl Cancer Inst 57(2):277–82, Aug 76
ADENOCARCINOMA, chemically induced/ ADENOFIBROMA, chemically induced/ ANIMAL/ *CARCINOGENS/ CARCINOMA, EPIDERMOID, chemically induced/ CHEMISTRY/ COMPARATIVE STUDY/ FEMALE/ HEMANGIOENDOTHELIOMA, chemically induced/ INTESTINAL NEOPLASMS, chemically induced/ LEIOMYOSARCOMA, chemically induced/ MALE/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ *NEOPLASMS, EXPERIMENTAL, chemically induced/ *NITROFURANS, toxicity/ RATS/ SARCOMA, EXPERIMENTAL, chemically induced/ *THIOPHENES, toxicity/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1696. **Cohn J:** Thrombocytopenia in infancy: an evaluation of 53 patients. Dan Med Bull 23(5):245–8, Oct 76
ALDRICH SYNDROME, diagnosis/ FEMALE/ HEMANGIOMA, diagnosis/ HUMAN/ IMMUNOLOGIC DEFICIENCY SYNDROMES, diagnosis/ INFANT/ INFANT, NEWBORN, DISEASES, diagnosis/ ISOANTIBODIES/ MALE/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ PURPURA, THROMBOPENIC, diagnosis/ RADIUS, abnormalities/ SKIN NEOPLASMS, diagnosis/ *THROMBOPENIA/ THROMBOPENIA, diagnosis/ THROMBOPENIA, familial & genetic/ THROMBOPENIA, immunology

1697. **Cohn LH, Sanders JH, Collins JJ Jr:** Actuarial comparison of Hancock porcine and prosthetic disc valves for isolated mitral valve replacement. Circulation 54(6 suppl 3):III60–3, Dec 76
ADULT/ AGED/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FEMALE/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, mortality/ *HEART VALVE PROSTHESIS, methods/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE, surgery/ MITRAL VALVE, transplantation/ SWINE/ THROMBOEMBOLISM, etiology/ *TRANSPLANTATION, HETEROLOGOUS

1698. **Cole ER, Bachmann FW:** Purification and properties of a plasminogen activator from pig heart. J Biol Chem 252(11):3729–37, 10 Jun 77
ANIMAL/ CATTLE/ CHROMATOGRAPHY, GEL/ FIBRINOLYSIS, drug effects/ HUMAN/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ *MYOCARDIUM, analysis/ *PLASMINOGEN ACTIVATORS/ PLASMINOGEN ACTIVATORS, isolation & purification/ PLASMINOGEN ACTIVATORS, pharmacodynamics/ SPECIES SPECIFICITY/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1699. **Cole FH Jr, Richardson RL:** Mesenteric thrombosis after penetrating cardiac trauma. South Med J 69(11):1517–8, Nov 76
ADULT/ CASE REPORT/ *HEART INJURIES, complications/ HUMAN/ MALE/ *MESENTERIC ARTERIES/ THROMBOSIS, diagnosis/ *THROMBOSIS, etiology/ *WOUNDS, STAB, complications

1700. **Cole S, Jones P:** Physiotherapy in haemophilia. Physiotherapy 62(7):217–21, 10 Jun 76
ADULT/ CHILD/ HEMOPHILIA, complications/ *HEMOPHILIA, therapy/ HEMORRHAGE, classification/ HUMAN/ MALE/ *PHYSICAL THERAPY/ SURGERY, OPERATIVE

1701. **Cole S:** Splinting in haemophilia. Physiotherapy 62(7):221, 10 Jun 76
*HEMARTHROSIS, rehabilitation/ *HEMOPHILIA, complications/ HUMAN/ MALE/ *SPLINTS

1702. **Colecchia G, Caracino A, Cianchetti E, et al:** A proposito dell'impiego della streptochinasi nel trattamento delle trombosi venose e delle tromboembolie arteriose degli arti inferiori Ann Ital Chir 48(2):251–5, 1976 **(Ita)**
AGED/ CASE REPORT/ DRUG EVALUATION/ FEMALE/ HUMAN/ *LEG, blood supply/ *STREPTOKINASE, therapeutic use/ *THROMBOEMBOLISM, drug therapy/ *THROMBOPHLEBITIS, drug therapy

1703. **Colecchia G, Gozzetti G, Caracino A, et al:** L'insufficienza arteriosa acuta degli arti inferiori.
Minerva Cardioangiol 25(4):313–8, Apr 77 **(Ita)**
ACUTE DISEASE/ ADOLESCENCE/ ANEURYSM, surgery/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ ARTERIES, injuries/ CASE REPORT/ EMBOLISM, surgery/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ POPLITEAL ARTERY/ THROMBOSIS, surgery

1704. **Coleman DJ, Lizzi FL:** Computer-processed acoustic spectral analysis of ophthalmic tissues.
Trans Am Acad Ophthalmol Otolaryngol 83(4 Pt. 1):725–30, Jul–Aug 77
*COMPUTERS/ *EYE DISEASES, diagnosis/ EYE NEOPLASMS, diagnosis/ HEMANGIOMA, CAVERNOUS, diagnosis/ HEMORRHAGE, diagnosis/ HUMAN/ INFORMATION RETRIEVAL SYSTEMS/ MELANOMA, diagnosis/ ON LINE SYSTEMS/ ORBITAL NEOPLASMS, diagnosis/ RETINAL DETACHMENT, diagnosis/ *SPECTRUM ANALYSIS/ *ULTRASONICS, diagnostic use/ VITREOUS BODY

1705. **Coleman PL, Lathham HG Jr, Shaw EN:** Some sensitive methods for the assay of trypsinlike enzymes.
Methods Enzymol 45:12–26, 1976
BENZOATES/ BINDING SITES/ FIBRINOLYSIN, metabolism/ GUANIDINES/ HYMECROMONE/ ISOTOPE LABELING/ KINETICS/ METHODS/ MICROCHEMISTRY/ *PEPTIDE HYDROLASES, analysis/ PROTEIN BINDING/ SPECTROMETRY, FLUORESCENCE/ TRITIUM/ *TRYPSIN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1706. **Colina-Chourio J, McGiff JC, Miller MP, et al:** Possible influence of intrarenal generation of kinins on prostaglandin release from the rabbit perfused kidney.
Br J Pharmacol 58(2):165–72, Oct 76
ANIMAL/ BIOLOGICAL ASSAY/ BRADYKININ, pharmacodynamics/ IN VITRO/ INDOMETHACIN, pharmacodynamics/ KALLIKREIN, metabolism/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *KIDNEY, metabolism/ KININOGENS, isolation & purification/ KININOGENS, pharmacodynamics/ *KININS, pharmacodynamics/ MALE/ PROSTAGLANDINS E, metabolism/ PROSTAGLANDINS F, metabolism/ *PROSTAGLANDINS, metabolism/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1707. **Colizzi E, Fiorilli A:** Il problema ostetrico della grande multipara, con particolare riguardo ad alcuni case di emorragia postpartum Minerva Ginecol 28(5):351–60, May 76 (Eng. Abstr.) **(Ita)**
ADULT/ AGE FACTORS/ BLOOD COAGULATION DISORDERS, complications/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEALTH EDUCATION/ *HEMORRHAGE, POSTPARTUM/ HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ MIDDLE AGE/ PARITY/ *PREGNANCY COMPLICATIONS/ PREGNANCY TOXEMIAS, complications/ PREGNANCY/ SOCIAL CLASS/ SOCIOECONOMIC FACTORS/ UTERINE DISEASES, complications

1708. **Collen D:** Identification and some properties of a new fast-reacting plasmin inhibitor in human plasma.
Eur J Biochem 69(1):209–16, 1 Oct 76

*BLOOD PROTEINS, physiology/ *FIBRINOLYSIN/ FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PLASMINOGEN ACTIVATORS/ *PLASMINOGEN/ PROTEIN BINDING/ STREPTOKINASE/ UROKINASE

1709. **Collen D, de Cock F, Cambiaso CL, et al:** A latex agglutination test for rapid quantitative estimation of the plasmin-antipalsmin complex in human plasma. Eur J Clin Invest 7(1):21-6, Feb 77
ADOLESCENCE/ ADULT/ AGED/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIN, analysis/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ *LATEX FIXATION TESTS, methods/ MIDDLE AGE

1710. **Collen D, Schetz J, de Cock F, et al:** Metabolism of antithrombin III (heparin cofactor) in man: effects of venous thrombosis and of heparin administration. Eur J Clin Invest 7(1):27-35, Feb 77
ADULT/ AGED/ *ALPHA GLOBULINS, metabolism/ ATHEROSCLEROSIS, blood/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ FEMALE/ HALF-LIFE/ HEMOPHILIA, blood/ HEPARIN CO-FACTOR, isolation & purification/ *HEPARIN CO-FACTOR, metabolism/ *HEPARIN, metabolism/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, blood

1711. **Collen D, Semeraro N, Tricot JP, et al:** Turnover of fibrinogen, plasminogen, and prothrombin during exercise in man. J Appl Physiol 42(6):865-73, Jun 77
ADULT/ ANTIGEN-ANTIBODY COMPLEX/ BLOOD COAGULATION/ *EXERTION/ FEMALE/ *FIBRINOGEN, metabolism/ FIBRINOLYSIN, immunology/ FIBRINOLYSIS/ HUMAN/ MALE/ MODELS, BIOLOGICAL/ *PLASMINOGEN, metabolism/ *PROTHROMBIN, metabolism

1712. **Collins GJ Jr, Ahr DJ, Rich NM, et al:** Detection and management of hypercoagulability. Am J Surg 132(6):767-70, Dec 76
ADULT/ AGED/ ASPIRIN, therapeutic use/ *BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ WARFARIN, therapeutic use

1713. **Collins GJ Jr, Barber JA, Zajtchuk R, et al:** The effects of operative stress on the coagulation profile. Am J Surg 133(5):612-6, May 77
ABDOMEN, surgery/ ANTITHROMBINS/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ BLOOD PLATELETS/ FACTOR VIII/ FIBRINOGEN/ HEMATOCRIT/ HUMAN/ PLATELET ADHESIVENESS/ PROTHROMBIN TIME/ STRESS, blood/ *SURGERY, OPERATIVE/ THROMBIN/ THROMBOPLASTIN/ VASCULAR SURGERY

1714. **Collins GJ Jr, Rich NM, Scialla S, et al:** Pitfalls in peripheral vascular surgery: Disseminated intravascular coagulation. Am J Surg 134(3):375-80, Sep 77
AGED/ AORTA, ABDOMINAL, surgery/ *AORTIC ANEURYSM, surgery/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ BLOOD VESSEL PROSTHESIS, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ ENDARTERECTOMY, adverse effects/ FEMALE/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ *INTERMITTENT CLAUDICATION, surgery/ MALE/ MIDDLE AGE/ POLYETHYLENE TEREPHTHALATE/ *POSTOPERATIVE COMPLICATIONS, etiology/ *VASCULAR SURGERY, adverse effects

1715. **Collins JH, Greaser ML, Potter JD, et al:** Determination of the amino acid sequence of troponon C from rabbit skeletal muscle. J Biol Chem 252(18):6456-62, 25 Sep 77
AMINO ACID SEQUENCE/ ANIMAL/ CYANOGEN BROMIDE/ *MUSCLE PROTEINS/ PEPTIDE FRAGMENTS/ RABBITS/ *TROPONIN/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1716. **Collins ML, Leal J, Thompson NJ:** Tricuspid atresia and pregnancy. Obstet Gynecol 50(1 Suppl):72s-73s, Jul 77
ADULT/ BLOOD GAS ANALYSIS/ CASE REPORT/ DIGOXIN, administration & dosage/ ELECTROCARDIOGRAPHY/ FEMALE/ FUROSEMIDE, administration & dosage/ HEART SEPTAL DEFECTS, diagnosis/ HEPARIN, administration & dosage/ HUMAN/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, diagnosis/ PREGNANCY/ PULMONARY EMBOLISM, diagnosis/ *TRICUSPID VALVE, abnormalities

1717. **Collins P, Olufs R, Karvitz H, et al:** Relationship of maternal warfarin therapy in pregnancy to chondrodysplasia punctata: report of a case. Am J Obstet Gynecol 127(4):444-6, 15 Feb 77
ABNORMALITIES, DRUG-INDUCED/ CASE REPORT/ *CHONDRODYSTROPHIA CALCIFICANS CONGENITA, chemically induced/ FEMALE/ HUMAN/ INFANT, NEWBORN/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ *WARFARIN, adverse effects

1718. **Collo VD:** Verletzungen and Notfälle in der HNO-Heilkunde. Diagnostik und Soforttherapie. 1. Verletzungen des Ohres Fortschr Med 95(3):115-8, 20 Jan 77 **(Ger)**
ACCIDENTS/ BURNS/ EAR CANAL, injuries/ EAR/ *EAR, EXTERNAL, injuries/ *EAR, MIDDLE, injuries/ *EMERGENCIES/ FOREIGN BODIES/ *HEAD INJURIES, diagnosis/ HEAD INJURIES, therapy/ HEMATOMA, therapy/ HUMAN/ SKULL FRACTURES, radiography

1719. **Collot D, Peter R, Das B, et al:** Détermination de la structure primaire de la protéine du virus de la mosaïque de la luzerne (souche S). II. Sequence complete de la protéine. Biochim Biophys Acta 492(2):267-83, 24 Jun 77 (Eng. Abstr.) **(Fre)**
ALFALFA/ AMINO ACID SEQUENCE/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ ENGLISH ABSTRACT/ *MOSAIC VIRUSES, analysis/ PAPAIN/ PEPTIDE FRAGMENTS, analysis/ *PLANT VIRUSES, analysis/ THERMOLYSIN/ *VIRAL PROTEINS

1720. **Colman RW, Minna JD, Robboy SJ:** Disseminated intravascular coagulation: a dermatologic disease. Int J Dermatol 16(1):47-51, Jan-Feb 77
*DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ HEPARIN, therapeutic use/ HUMAN/ *SKIN DISEASES, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1721. **Colman RW, Bagdasarian A:** Human kallikrein and prekallikrein. Methods Enzymol 45:303-22, 1976
AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ ENZYME ACTIVATION/ HUMAN/ IMMUNOELECTROPHORESIS/ *KALLIKREIN/ KALLIKREIN, analysis/ KALLIKREIN, isolation & purification/ KINETICS/ MACROMOLECULAR SYSTEMS/ METHODS/ MOLECULAR WEIGHT/ *PREKALLIKREIN/ PREKALLIKREIN, analysis/ PREKALLIKREIN, isolation & purification/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SPECIES SPECIFICITY/ VARIATION (GENETICS)

1722. **Colman RW, Weinberg RM:** Factor V. Methods Enzymol 45:107-22, 1976
AMINO ACIDS, analysis/ ANIMAL/ BLOOD PLATELETS, analysis/ CATTLE/ DRUG STABILITY/ ENZYME ACTIVATION/

*FACTOR V/ FACTOR V, isolation & purification/ FACTOR V, physiology/ GEL DIFFUSION TESTS/ HUMAN/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ THROMBOPLASTIN

1723. **Colombani J, Colombani M, Degos L, et al:** Reactivity of anti-HLA sera against mouse lymphocytes. Tissue Antigens 9(2):111-20, Feb 77
ANIMAL/ ANTIGENIC DETERMINANTS/ BLOOD PLATELETS, immunology/ CROSS REACTIONS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *HISTOCOMPATIBILITY ANTIGENS/ *HL-A/ HUMAN/ *IMMUNE SERUMS/ *LYMPHOCYTES, immunology/ MICE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1724. **Colombetti LG:** Preparation and use of high specific activity 123I-labeled fibrinogen for deep veins thrombi imaging. J Nucl Biol Med 20(1):45-8, Jan-Mar 76
ANIMAL/ DOGS/ EXTREMITIES, blood supply/ *FIBRINOGEN, diagnostic use/ *IODINE ISOTOPES, DIAGNOSTIC/ ISOTOPE LABELING/ PELVIS, blood supply/ *RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, diagnosis

1725. **Colón VF:** To help prevent circulatory problems on long trips. Med Times 105(1):52-4, Jan 77
HUMAN/ *THROMBOPHLEBITIS, prevention & control/ TIME FACTORS/ *TRAVEL

1726. **Coltman CA Jr, Montague E, Moon TE:** Chemotherapy and total nodal radiotherapy in pathological stage IIB, IIIA, and IIIB Hodgkin's disease. pp. 529-36. In: Salmon SE, Jones SE, ed. Adjuvant therapy of cancer. Amsterdam, North-Holland Publ, 1977. QZ 267 I46a 1977.
ADULT/ AGRANULOCYTOSIS, chemically induced/ *ANTINEOPLASTIC AGENTS, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ HODGKIN'S DISEASE, pathology/ *HODGKIN'S DISEASE, therapy/ HUMAN/ MALE/ MECHLORETHAMINE, adverse effects/ MECHLORETHAMINE, therapeutic use/ MONOGRAPH/ PREDNISONE, adverse effects/ PREDNISONE, therapeutic use/ PROCARBAZINE, adverse effects/ PROCARBAZINE, therapeutic use/ RADIOTHERAPY, methods/ REMISSION/ THROMBOPENIA, chemically induced/ TIME FACTORS/ VINCRISTINE, adverse effects/ VINCRISTINE, therapeutic use

1727. **Colvin MP, Curran JP, Jarvis D, et al:** Femoral artery pressure monitoring. Use of the Seldinger technique. Anaesthesia 32(5):451-5, May 77
ADULT/ *BLOOD PRESSURE DETERMINATION, methods/ CASE REPORT/ CATHETERIZATION, adverse effects/ CATHETERIZATION, methods/ FEMALE/ *FEMORAL ARTERY, physiology/ HUMAN/ THROMBOSIS, etiology

1728. **Colwell JA, Halushka PV, Sarji K, et al:** Altered platelet function in diabetes mellitus. Diabetes 25(2 SUPPL):826-31, 1976
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ ARACHIDONIC ACIDS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, physiology/ COLLAGEN, pharmacodynamics/ *DIABETES MELLITUS, blood/ DIABETIC ANGIOPATHIES, blood/ DIABETIC NEPHROPATHIES, blood/ DIABETIC RETINOPATHY, blood/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION, drug effects/ PROSTAGLANDIN SYNTHASE, antagonists & inhibitors/ PROSTAGLANDIN SYNTHASE, blood/ PROSTAGLANDINS, biosynthesis/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VON WILLEBRAND FACTOR, physiology

1729. **Colwell JA, Sagel J, Crook L, et al:** Correlation of platelet aggregation, plasma factor activity, and megathrombocytes in diabetic subjects with an without vascular disease. Metabolism 26(3):279-85, Mar 77
ADULT/ BLOOD CELL COUNT/ *BLOOD COAGULATION FACTORS, analysis/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *DIABETES MELLITUS, blood/ DIABETES MELLITUS, complications/ DIABETIC NEPHROPATHIES, blood/ DIABETIC RETINOPATHY, blood/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION/ PREDIABETIC STATE, blood/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VASCULAR DISEASES, etiology

1730. **Combe J, Milleret P:** Les ischémies aiguës postopératoires. J Chir (Paris) 113(4):361-6, 1977 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *ISCHEMIA, etiology/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, surgery/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, surgery/ *THROMBOSIS, etiology/ THROMBOSIS, surgery

1731. **Comroe JH Jr:** Retrospectroscope: the clouded crystal ball. Am Rev Respir Dis 114(4):795-802, Oct 76
*CARDIOLOGY, history/ *COMMUNICABLE DISEASE CONTROL, history/ *FUTUROLOGY/ *HEART SURGERY, history/ *HEART, ARTIFICIAL, history/ *HEPARIN, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ *INSULIN, history/ *POLIOVIRUS VACCINE, history

1732. **Conard J, Morisot P, Huguet C:** Les troubles de l'hémostase au cours des hépatectomies partielles. Etude de 20 observations Nouv Presse Med 5(38):2519-23, 13 NOV 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *HEMOSTASIS/ *HEPATECTOMY, adverse effects/ HEPATECTOMY, methods/ HUMAN/ LIVER NEOPLASMS, surgery/ MALE/ MIDDLE AGE

1733. **Conard J, James JM, Dautzenberg B, et al:** Coagulation intra-vasculaire disséminée au cours d'un cancer de la prostate à dissémination hématogène diffuse Nouv Presse Med 5(42):2867-8, 11 Dec 76 **(Fre)**
AGED/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FIBRINOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ MALE/ NEOPLASM SEEDING, pathology/ *PROSTATIC NEOPLASMS, complications/ PROSTATIC NEOPLASMS, pathology

1734. **Condie RG, Ogston D:** Sequential studies on components of the haemostatic mechanism in pregnancy with particular reference to the development of pre-eclampsia. Br J Obstet Gynaecol 83(12):938-42, Dec 76
ADOLESCENCE/ ADULT/ ALPHA MACROGLOBULINS, analysis/ ALPHA 1-ANTITRYPSIN, analysis/ ANTIGENS, urine/ FEMALE/ FIBRIN, immunology/ *FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ *PLASMINOGEN, analysis/ *PRE-ECLAMPSIA, blood/ PRE-ECLAMPSIA, urine/ *PREGNANCY TOXEMIAS, blood/ *PREGNANCY

1735. **Condie RG:** Components of the haemostatic mechanism at birth in pre-eclampsia with particular reference to fetal growth retardation. Br J Obstet Gynaecol 83(12):94-3-7, Dec 76
*BLOOD COAGULATION FACTORS, analysis/ COMPARATIVE STUDY/ FEMALE/ FETAL BLOOD, analysis/ HUMAN/ *INFANT, LOW BIRTH WEIGHT/ *INFANT, SMALL FOR GESTATIONAL AGE/ *LABOR/ *PRE-ECLAMPSIA, blood/ *PREGNANCY TOXEMIAS, blood/ PREGNANCY/ UMBILICAL VEINS

1736. **Condie RG, Pirani BB:** The influence of smoking on the haemostatic mechanism in pregnancy.
Acta Obstet Gynecol Scand 56(1):5–8, 1977
ADULT/ ALPHA MACROGLOBULINS, analysis/ ALPHA 1-ANTITRYPSIN, analysis/ ANTITHROMBINS, blood/ COMPARATIVE STUDY/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ *HEMOSTASIS/ HUMAN/ PLASMINOGEN ACTIVATORS, blood/ PLASMINOGEN, analysis/ *PREGNANCY/ PROSPECTIVE STUDIES/ *SMOKING, physiopathology

1737. **Conio G, Trefiletti V, Troglia C, et al:** Conversion of fibrinogen to fibrin. The correlation between clotting kinetics and morphology of fibrin polymerized in different solvent media. Biopolymers 15(10):1979–90, Oct 76
ANIMAL/ *BLOOD COAGULATION/ *FIBRIN/ *FIBRINOGEN/ IN VITRO/ KINETICS/ *PROTEIN CONFORMATION/ SALTS, pharmacodynamics/ SOLVENTS/ TIME FACTORS

1738. **Conley JJ, Clairmont AA:** Intramuscular hemangioma of the masseter muscle. Case report. Plast Reconstr Surg 60(1):121–4, Jul 77
CASE REPORT/ FACIAL MUSCLES, pathology/ *FACIAL MUSCLES, surgery/ FEMALE/ HEMANGIOMA, pathology/ *HEMANGIOMA, surgery/ HUMAN/ MIDDLE AGE

1739. **Conn DL, McDuffie FC, Kazmier FJ, et al:** Coagulation abnormalities in rheumatoid disease. Arthritis Rheum 19(6):1237–43, Nov–Dec 76
ADRENAL CORTEX HORMONES, pharmacodynamics/ *ARTHRITIS, RHEUMATOID, blood/ ARTHRITIS, RHEUMATOID, complications/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION, drug effects/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRINOLYSIS, drug effects/ HUMAN/ INFLAMMATION, etiology/ VASCULAR DISEASES, etiology

1740. **Connellan JM, Castaldi PA, Muntz RH:** The role of factor XI in the coagulant activity of platelets. Haemostasis 6(1):41–52, 1977
*BLOOD COAGULATION/ *BLOOD PLATELETS, physiology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR VIII, metabolism/ FACTOR XI DEFICIENCY, blood/ FACTOR XI, metabolism/ *FACTOR XI, physiology/ HUMAN/ PLATELET AGGREGATION

1741. **Connolly RC:** The Journal of Bone and Joint Surgery [editorial]. J Bone Joint Surg [Br] 59(1):1, Feb 77
*CHYMOPAPAIN, pharmacodynamics/ CHYMOPAPAIN, therapeutic use/ HUMAN/ *INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ INTERVERTEBRAL DISK, drug effects/ *LUMBAR VERTEBRAE, drug effects/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ *SPINAL DISEASES, drug therapy

1742. **Conseiller C, Viars P:** Remplissage par macromolécules : effets hémodynamiques généraux Anesth Analg (Paris) 3(4):633–46, Jul–Aug 76 **(Fre)**
ANIMAL/ BLOOD CIRCULATION/ BLOOD VISCOSITY/ BLOOD VOLUME/ CARDIAC OUTPUT/ COMPARATIVE STUDY/ DEXTRAN/ HEMATOCRIT/ *HEMODYNAMICS/ HUMAN/ *MACROMOLECULAR SYSTEMS/ *PLASMA SUBSTITUTES/ SHOCK, therapy/ SOLUTIONS/ TIME FACTORS

1743. **Console V, Nicolini A, Airaghi M, et al:** Coagulopatia da consumo e sindrome di insufficienza respiratoria nel neonato e immaturo. Trattamento eparinico in 50 casi. Minerva Pediatr 29(17):1169–74, 12 May 77 **(Ita)**
*DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ INFANT, NEWBORN, DISEASES, drug therapy/ *INFANT, PREMATURE, DISEASES/ INFANT, PREMATURE, DISEASES, drug therapy/ *RESPIRATORY DISTRESS SYNDROME, complications

1744. **Constantinides P:** Importance of the endothelium and blood platelets in the pathogenesis of atherosclerosis.
Triangle 15(2–3):53–61, 1976 (38 ref.)
ANIMAL/ ARTERIES, pathology/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, pathology/ ATHEROSCLEROSIS, physiopathology/ *BLOOD PLATELETS, physiology/ CHOLESTEROL, blood/ ENDOTHELIUM, metabolism/ ENDOTHELIUM, pathology/ HUMAN/ HYPERTENSION, complications/ LIPIDS, metabolism/ REVIEW/ THROMBOSIS, etiology

1745. **Conti A:** Profilassi e terapia chirurgica delle trombosi venose profonde acute Minerva Chir 31(10):523–32, 31 May 76 **(Ita)**
AGED/ DEXTRAN, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ PULMONARY EMBOLISM, etiology/ THROMBOPHLEBITIS, prevention & control/ *THROMBOPHLEBITIS, surgery/ THROMBOSIS, etiology

1746. **Contreras TJ, Valeri CR:** Comparison of methods to wash liquid-stored red blood cells and red blood cells frozen with high or low concentrations of glycerol.
Transfusion 16(6):539–65, Nov–Dec 76
*BLOOD PRESERVATION, methods/ CATIONS, MONOVALENT/ COMPARATIVE STUDY/ *ERYTHROCYTES/ ERYTHROCYTES, drug effects/ FREEZING/ *GLYCERIN, pharmacodynamics/ HEMOGLOBINS, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ POTASSIUM, blood/ SODIUM CHLORIDE, pharmacodynamics/ SOLUTIONS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1747. **Contreras TJ, Valeri CR:** Removal of HBSAg from blood in vitro. I. Effects of washing alone, glycerol addition and removal, and glycerolization, freezing, and washing.
Transfusion 16(6):594–9, Nov–Dec 76
*BLOOD PRESERVATION, methods/ COMPARATIVE STUDY/ ERYTHROCYTES/ FREEZING/ GLYCERIN, pharmacodynamics/ HEMATOCRIT/ *HEPATITIS B SURFACE ANTIGEN/ HUMAN/ SODIUM CHLORIDE, pharmacodynamics/ SOLUTIONS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1748. **Cooke ED, Dawson MH, Ibbotson RM, et al:** Failure of orally administered hydroxychloroquine sulphate to prevent venous thromboembolism following elective hip operations. J Bone Joint Surg [Am] 59(4):496–500, Jun 77
ADMINISTRATION, ORAL/ AGED/ ARTHROPLASTY/ BODY WEIGHT/ CLINICAL RESEARCH/ DOUBLE-BLIND METHOD/ FEMALE/ *HIP JOINT, surgery/ HUMAN/ HYDROXYCHLOROQUINE, administration & dosage/ *HYDROXYCHLOROQUINE, therapeutic use/ LEG, blood supply/ MALE/ MIDDLE AGE/ PLACEBOS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, prevention & control/ RADIONUCLIDE IMAGING/ THROMBOEMBOLISM, diagnosis/ *THROMBOEMBOLISM, prevention & control

1749. **Cooke JP, Olson RM, Holden RD:** Intravascular bubbles associated with intravenous injections and altitude.
Aviat Space Environ Med 47(9):974–8, Sep 76
*ALTITUDE/ ANIMAL/ *DECOMPRESSION SICKNESS, etiology/ DOGS/ *EMBOLISM, AIR, etiology/ ENVIRONMENT, CONTROLLED/ *INJECTIONS, INTRAVENOUS, adverse effects/ PULMONARY EMBOLISM, etiology/ TIME FACTORS/ UNITED STATES GOVERNMENT

SUPPORTED, NON-N.I.H.

1750. **Cooley DA:** The quest for the perfect prosthetic heart valve. Med Instrum 11(2):82-4, Mar-Apr 77
HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, instrumentation/ *HEART VALVE PROSTHESIS, standards/ HEMOLYSIS/ HUMAN/ POLYTETRAFLUOROETHYLENE/ SILICONE ELASTOMERS/ THROMBOSIS, etiology

1751. **Coombe RG, George AM:** An alternative coupling procedure for preparing activated sepharose for affinity chromatography of penicillinase. Aust J Biol Sci 29(4):305-16, Oct 76
CHEMISTRY/ *CHROMATOGRAPHY, AFFINITY, methods/ *CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *ENZYMES, IMMOBILIZED/ ETHYLENEDIAMINES/ HYDROGEN-ION CONCENTRATION/ METHICILLIN/ *PENICILLINASE, isolation & purification/ SEPHAROSE/ SULFONES

1752. **Coon WW:** Epidemiology of venous thromboembolism. Ann Surg 186(2):149-64, Aug 77 (200 ref.)
ADULT/ AGE FACTORS/ ASIA/ BLOOD GROUPS/ CHILD/ CONTRACEPTIVES, ORAL, adverse effects/ EUROPE/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ OBESITY, complications/ PREGNANCY COMPLICATIONS, occurrence/ PREGNANCY/ PULMONARY EMBOLISM, occurrence/ RACIAL STOCKS/ REVIEW/ RISK/ SEASONS/ SEX FACTORS/ THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, occurrence/ *THROMBOPHLEBITIS, occurrence/ UNITED STATES

1753. **Cooney DA, Driscoll JS, Milman HA, et al:** Inhibitors of L-asparagine synthetase, in vitro. Cancer Treat Rep 60(10):1493-557, Oct 76
ADENOSINE TRIPHOSPHATE, analogs & derivatives/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ AMMONIA, pharmacodynamics/ ANIMAL/ ASPARAGINASE, pharmacodynamics/ *ASPARAGINE SYNTHETASE, antagonists & inhibitors/ ASPARTIC ACID, analogs & derivatives/ ASPARTIC ACID, pharmacodynamics/ DRUG RESISTANCE/ DRUG SCREENING/ GLUTAMINE, analogs & derivatives/ GLUTAMINE, pharmacodynamics/ HEPARIN, pharmacodynamics/ IN VITRO/ ISOXAZOLES, pharmacodynamics/ *LEUKEMIA, EXPERIMENTAL, enzymology/ *LIGASES, antagonists & inhibitors/ MALONATES, pharmacodynamics/ METALS, pharmacodynamics/ NITROSOUREA COMPOUNDS, pharmacodynamics/ PYROPHOSPHATES, pharmacodynamics/ SULFHYDRYL REAGENTS, pharmacodynamics

1754. **Cooper GW, Cooper B:** Relationships between blood platelet and erythrocyte formation. Life Sci 20(9):1571-9, 1 May 77
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS, cytology/ COMPARATIVE STUDY/ *ERYTHROPOIESIS/ ERYTHROPOIESIS, drug effects/ ERYTHROPOIETIN, pharmacodynamics/ FEMALE/ *HEMATOPOIESIS/ HEMATOPOIESIS, drug effects/ MICE/ OXYGEN, pharmacodynamics/ POLYCYTHEMIA, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1755. **Cooper HA, Wilkins KW Jr, Johnson PR Jr, et al:** Platelet-aggregating factor and the aggregation of fixed washed platelets. J Lab Clin Med 90(3):512-21, Sep 77
ADSORPTION/ ANIMAL/ *BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CATTLE/ CELL MEMBRANE, physiology/ EVANS BLUE, pharmacodynamics/ FORMALDEHYDE, pharmacodynamics/ GALACTOSIDASES, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MEMBRANE PROTEINS, physiology/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ SURFACE PROPERTIES/ THROMBIN, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREA, pharmacodynamics

1756. **Cooper KD, Shukla JB, Rennert OM:** Polyamine distribution in cellular compartments of blood and in aging erythrocytes. Clin Chim Acta 73(1):71-88, 15 Nov 76
ADULT/ *BLOOD CELLS, metabolism/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, metabolism/ *ERYTHROCYTE AGING/ ERYTHROCYTES, metabolism/ FEMALE/ HEMOGLOBINS, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ MALE/ MONOCYTES, cytology/ MONOCYTES, metabolism/ NEUTROPHILS, cytology/ NEUTROPHILS, metabolism/ *POLYAMINES, blood/ PUTRESCINE, blood/ RETICULOCYTES, cytology/ RETICULOCYTES, metabolism/ SPERMIDINE, blood/ SPERMINE, blood

1757. **Cooper MD:** Functional deficiency of a B-cell subline: prime immunologic abnormality in the Wiskott-Aldrich syndrome? J Invest Dermatol 67(3):431-4, Sep 76
ALDRICH SYNDROME, complications/ *ALDRICH SYNDROME, immunology/ ANIMAL/ *B-LYMPHOCYTES, immunology/ CELL LINE/ HUMAN/ MICE, INBRED CBA/ MODELS, BIOLOGICAL/ NEOPLASMS, complications/ T-LYMPHOCYTES, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1758. **Cooper P:** Anticoagulant drugs.
Midwife Health Visit Community Nurse 13(1):22, Jan 77
*ANTICOAGULANTS, therapeutic use/ HUMAN/ *THROMBOEMBOLISM, prevention & control

1759. **Cooper RA:** Abnormalities of cell-membrane fluidity in the pathogenesis of disease. N Engl J Med 297(7):371-7, 18 Aug 77 (25 ref.)
ABETALIPOPROTEINEMIA, etiology/ ANEMIA, HEMOLYTIC, etiology/ ANIMAL/ ARTERIOSCLEROSIS, etiology/ BLOOD PLATELETS, metabolism/ CELL MEMBRANE, metabolism/ *CELL MEMBRANE, physiology/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ *DISEASE, etiology/ ERYTHROCYTE MEMBRANE, metabolism/ ERYTHROCYTES, metabolism/ ERYTHROCYTES, physiology/ HUMAN/ HYPERLIPEMIA, etiology/ LIPOPROTEINS, metabolism/ *MEMBRANE LIPIDS, metabolism/ MEMBRANE PROTEINS, metabolism/ MEMBRANES, ARTIFICIAL/ PHOSPHOLIPIDS, metabolism/ REVIEW/ STEROLS, metabolism/ SURFACE PROPERTIES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1760. **Cooper RM, Murray GE, Osmond DH:** Trypsin-induced activation of renin precursor in plasma of normal and anephric man. Circ Res 40(5 Suppl 1):I171-9, May 77
ANGIOTENSIN, blood/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, blood/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KIDNEY, metabolism/ MALE/ MIDDLE AGE/ MOLECULAR WEIGHT/ *NEPHRECTOMY/ *RENIN, blood/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN, blood/ *TRYPSIN, pharmacodynamics

1761. **Coote JG:** Interference by bromodeoxyuridine with differentiation in a prokaryote. Nature 267(5612):635-7, 16 Jun 77
ALKALINE PHOSPHATASE, metabolism/ *BACILLUS SUBTILIS, drug effects/ BACILLUS SUBTILIS, growth & development/ BACILLUS SUBTILIS, physiology/ BROMODEOXYURIDINE, analysis/ *BROMODEOXYURIDINE, pharmacodynamics/ CELL DIFFERENTIATION, drug effects/ CENTRIFUGATION, DENSITY GRADIENT/ DNA, BACTERIAL, analysis/ PEPTIDE HYDROLASES, metabolism/ SPORES, BACTERIAL, physiology

1762. **Copley AL, King RG, Huang CR:** Erythrocyte sedimentation of human blood at varying shear rates. Biorheology

13(5):281–6, Nov 76
BLOOD FLOW VELOCITY/ *BLOOD SEDIMENTATION/ *BLOOD VISCOSITY/ ERYTHROCYTE AGGREGATION/ HUMAN/ MATHEMATICS/ RHEOLOGY/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1763. **Coppeto J, Lessell S:** Retinopathy in systemic lupus erythematosus. Arch Ophthalmol 95(5):794–7, May 77
ADULT/ ARTERITIS, etiology/ BLINDNESS, etiology/ CASE REPORT/ FEMALE/ FUNDUS FLUORESCENCE PHOTOGRAPHY/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ *RETINAL DISEASES, etiology/ RETINAL HEMORRHAGE, etiology/ THROMBOSIS, etiology/ *VASCULAR DISEASES, etiology

1764. **Copti MC, Lefebvre D'amour M, Bissoon Doyal D:** Métabolisme et méfaits de l'éthanol Union Med Can 106(5):669–73, May 77 **(Fre)**
ACIDOSIS, chemically induced/ *ALCOHOL, ETHYL, metabolism/ *ALCOHOLIC INTOXICATION, complications/ *ALCOHOLISM, complications/ ANIMAL/ CHOLESTEROL, blood/ DEFICIENCY DISEASES, etiology/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HEMATOLOGIC DISEASES, etiology/ HEMATOPOIESIS, drug effects/ HUMAN/ HYPERLIPEMIA, chemically induced/ *LIVER, metabolism/ NERVOUS SYSTEM DISEASES, chemically induced/ NUTRITION/ PROTEIN DEFICIENCY, etiology/ THROMBOPENIA, chemically induced/ TRIGLYCERIDES, blood/ URIC ACID, blood

1765. **Coquil JF, Dupuis M, Hamet P:** Protéine kinase AMP cyclique dépendante des plaquettes sanguines du rat: activation par la prostaglandine E1 Union Med Can 106(4):457–64, Apr 77 (Eng. Abstr.) **(Fre)**
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ANIMAL/ *BLOOD PLATELETS, enzymology/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ MALE/ PLATELET AGGREGATION/ PROSTAGLANDINS A, pharmacodynamics/ *PROSTAGLANDINS E, pharmacodynamics/ *PROTEIN KINASE, blood/ RATS

1766. **Corash L, Tan H, Gralnick HR:** Heterogeneity of human whole blood platelet subpopulations. I. Relationship between buoyant density, cell volume, and ultrastructure. Blood 49(1):71–87, Jan 77
ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, ultrastructure/ CELL SEPARATION/ CENTRIFUGATION, ISOPYCNIC/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PARTICLE SIZE/ PLATELET AGGREGATION/ POLYSACCHARIDES, pharmacodynamics

1767. **Corbin JD, Sugden PH, Lincoln TM, et al:** Compartmentalization of adenosine 3':5'-monophosphate and adenosine 3':5'-monophosphate-dependent protein kinase in heart tissue. J Biol Chem 252(11):3854–61, 10 Jun 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ *CARRIER PROTEINS, analysis/ CARRIER PROTEINS, metabolism/ CATTLE/ EPINEPHRINE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ ISOENZYMES, analysis/ MALE/ *MYOCARDIUM, analysis/ MYOCARDIUM, enzymology/ *PROTEIN KINASE, analysis/ PROTEIN KINASE, metabolism/ RABBITS/ RATS/ SODIUM CHLORIDE/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBCELLULAR FRACTIONS, analysis/ SUBCELLULAR FRACTIONS, enzymology/ TRITONS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ XANTHINES, pharmacodynamics

1768. **Corby DG, Zuck TF:** Newborn platelet dysfunction: a storage pool and release defect. Thromb Haemostas 36(1):200–7, 31 Aug 76
ADENINE NUCLEOTIDES, blood/ ADENOSINE DIPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, physiology/ COLLAGEN/ FEMALE/ HUMAN/ *INFANT, NEWBORN/ PLATELET AGGREGATION/ THROMBIN

1769. **Corcelle P:** Complications des perfusions chez l'adulte (à l'exclusion des dérivés sanguins). Soins 22(15–16):25–31, 5–20 Aug 77 **(Fre)**
BLOOD VESSELS, injuries/ CATHETERIZATION, adverse effects/ FOREIGN BODIES, etiology/ HUMAN/ *INFUSIONS, PARENTERAL, adverse effects/ *SEPTICEMIA, etiology/ THROMBOPHLEBITIS, etiology

1770. **Corcoran E, Phelan JJ, Fottrell PF:** Purification and properties of pyruvate kinase from human lung. Biochim Biophys Acta 446(1):96–104, 28 Sep 76
AMINO ACIDS, analysis/ DRUG STABILITY/ HUMAN/ KINETICS/ *LUNG, enzymology/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *PYRUVATE KINASE/ PYRUVATE KINASE, isolation & purification/ PYRUVATE KINASE, metabolism/ TRYPSIN

1771. **Corcoran RJ, Reeder MM:** Enlargement of one or more vertebrae. JAMA 238(14):1555–6, 3 Oct 77
ACROMEGALY, radiography/ BONE NEOPLASMS, radiography/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA, radiography/ HUMAN/ *LUMBAR VERTEBRAE, radiography/ MALE/ MIDDLE AGE/ *OSTEITIS DEFORMANS, radiography

1772. **Cordasco EM, Piedad O, Chaitoff J:** The central venous O2 saturation test in acute pulmonary fat embolism. Angiology 28(1):40–7, Jan 77
ACUTE DISEASE/ ADULT/ CASE REPORT/ *EMBOLISM, FAT, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *OXYGEN, blood/ PROGNOSIS/ *PULMONARY EMBOLISM, blood/ SUBCLAVIAN VEIN

1773. **Cordoba A, Figueras N, Garcia R:** Scintiscanning in venous thrombosis of the lower extremities. Surg Gynecol Obstet 145(4):533–8, Oct 77
COLLATERAL CIRCULATION/ DIAGNOSTIC ERRORS/ FALSE NEGATIVE REACTIONS/ FALSE POSITIVE REACTIONS/ FEMORAL VEIN/ HUMAN/ ILIAC VEIN/ *LEG, blood supply/ *RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, diagnosis

1774. **Corea L, Alicandri C, Todisco T:** Stenosi mitralica calcifica e calcificazione della parete atriale con trombosi massiva dell'atrio sinistro simulante un mixoma Descrizione di un caso e revisione della letteratura Cardiol Prat 27(1):63–8, Jan–Jun 76 (Eng. Abstr.) **(Ita)**
*CALCINOSIS, complications/ CLINICAL RESEARCH/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEART ATRIUM/ HEART NEOPLASMS, diagnosis/ HUMAN/ *MITRAL VALVE STENOSIS, diagnosis/ MYXOMA, diagnosis/ *THROMBOSIS, complications

1775. **Corey EJ, Gordon JL, MacIntyre DE, et al:** Effects of synthetic prostaglandin analogues on platelet aggregation and secretion [proceedings]. Br J Pharmacol 59(3):446P–447P, Mar 77
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ HUMAN/ IN VITRO/ *PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS, SYNTHETIC, pharmacodynamics

1776. **Corey JE, Zilversmit DB:** Validation of a stable emulsion for the assay of lipoprotein lipase activity. J Lab Clin Med 89(3):666–74, Mar 77
EMULSIONS/ *GLYCERIN/ *LIPOPROTEIN LIPASE, analysis/ METHODS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1777. **Corey JE, Zilversmit DB:** Effect of cholesterol feeding on arterial lipolytic activity in the rabbit. Atherosclerosis 27(2):201–12, Jun 77
ACETYLGLUCOSAMINIDASE, analysis/

ACETYLGLUCOSAMINIDASE, metabolism/ ANIMAL/ AORTA, THORACIC, analysis/ *AORTA, THORACIC, metabolism/ *AORTIC DISEASES, etiology/ *ARTERIOSCLEROSIS, etiology/ CHOLESTEROL, analysis/ CHOLESTEROL, metabolism/ *CHOLESTEROL, DIETARY, administration & dosage/ COLORIMETRY, methods/ DIET, ATHEROGENIC/ FEMALE/ LIPASE, metabolism/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, analysis/ LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, metabolism/ MYOCARDIUM, enzymology/ RABBITS/ TRIOLEIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1778. **Corman J:** Alimentation parentérale. Sa place et son róle dans l'arsenal thérapeutique moderne. Suggestion de protocole Union Med Can 105(10):1492–502, Oct 76 (71 ref.) (Eng. Abstr.) **(Fre)**
ADAPTATION, PHYSIOLOGICAL/ AMINO ACIDS, administration & dosage/ DIETARY CARBOHYDRATES, administration & dosage/ DIETARY FATS, administration & dosage/ ENERGY METABOLISM/ ENGLISH ABSTRACT/ FASTING/ GLUCOSE, administration & dosage/ HEPARIN, administration & dosage/ HUMAN/ INFECTION, metabolism/ MINERALS, administration & dosage/ NITROGEN, administration & dosage/ NUTRITIONAL REQUIREMENTS/ *PARENTERAL FEEDING/ PARENTERAL FEEDING, methods/ PARENTERAL HYPERALIMENTATION, methods/ REVIEW/ SURGERY, OPERATIVE, adverse effects/ VITAMINS, administration & dosage/ WOUNDS AND INJURIES, metabolism

1779. **Cormier JM, Lagneau P:** Anévrismes rompus de l'aorte abdominale sous-rénale J Chir (Paris) 112(5):115–30, Sep 76 (Eng. Abstr.) **(Fre)**
ADENOMA, surgery/ AORTA, ABDOMINAL, surgery/ *AORTIC ANEURYSM, surgery/ *AORTIC RUPTURE, surgery/ ENGLISH ABSTRACT/ HEMATOMA, etiology/ HEMOPERITONEUM, etiology/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ INFECTION, etiology/ METHODS/ RESUSCITATION

1780. **Corn M:** Anticoagulants and platelet-inhibiting drugs in stroke [editorial] Am Fam Physician 16(3):77–8, Sep 77
*ANTICOAGULANTS, administration & dosage/ ASPIRIN, administration & dosage/ *CEREBROVASCULAR DISORDERS, prevention & control/ DIPYRIDAMOLE, administration & dosage/ HUMAN/ *PLATELET AGGREGATION, drug effects/ SULFINPYRAZONE, administration & dosage

1781. **Cornelius LM:** Laboratory diagnosis of acute pancreatitis and pancreatic adenocarcinoma. Vet Clin North Am 6(4):671–8, Nov 76 (24 ref.)
ACUTE DISEASE/ ADENOCARCINOMA, diagnosis/ *ADENOCARCINOMA, veterinary/ AMYLASE, blood/ ANIMAL/ CALCIUM, blood/ CARBON DIOXIDE, blood/ *CAT DISEASES, diagnosis/ CATS/ DISSEMINATED INTRAVASCULAR COAGULATION, veterinary/ *DOG DISEASES, diagnosis/ DOGS/ HUMAN/ HYPERLIPEMIA, veterinary/ LIPASE, blood/ OXYGEN, blood/ PANCREATIC NEOPLASMS, diagnosis/ *PANCREATIC NEOPLASMS, veterinary/ PANCREATITIS, diagnosis/ *PANCREATITIS, veterinary/ REVIEW

1782. **Cornu P, Groff P, Weber W, et al:** Thrombozytenersatz mit HL-A-typisierten nicht-verwandten Einzelspendern Schweiz Med Wochenschr 106(26):889–93, Jun 76 (Eng. Abstr.) **(Ger)**
ANEMIA, APLASTIC, chemically induced/ ANEMIA, APLASTIC, therapy/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION, methods/ BONE MARROW CELLS, transplantation/ CHILD/ CHILD, PRESCHOOL/ CHLORAMPHENICOL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HISTOCOMPATIBILITY/ HL-A/ HUMAN/ MALE/ MIDDLE AGE/ PLASMAPHERESIS/ *THROMBOPENIA, therapy/ TRANSPLANTATION, HOMOLOGOUS

1783. **Corrigan DF, Schaaf M, Whaley RA, et al:** Selective venous sampling to differentiate ectopic ACTH secretion from pituitary Cushing's syndrome. N Engl J Med 296(15):861–2, 14 Apr 77
ADULT/ CASE REPORT/ CATHETERIZATION/ CORTICOTROPIN, blood/ *CORTICOTROPIN, secretion/ *CUSHING'S SYNDROME, diagnosis/ CUSHING'S SYNDROME, physiopathology/ CUSHING'S SYNDROME, therapy/ FEMORAL VEIN/ *HORMONES, ECTOPIC, secretion/ HUMAN/ HYDROCORTISONE, blood/ HYPOPHYSECTOMY/ JUGULAR VEIN/ MALE/ PITUITARY GLAND, secretion/ THROMBOEMBOLISM, diagnosis

1784. **Corrigan JJ Jr, Sell EJ, Pagel C:** Hageman factor and disseminated intravascular coagulation (DIC) in newborns and rabbits. Pediatr Res 11(8):916–20, Aug 77
ANIMAL/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ENDOTOXINS/ *FACTOR XII/ FACTOR XII, antagonists & inhibitors/ FEMALE/ GESTATIONAL AGE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood/ MALE/ MODELS, BIOLOGICAL/ MURAMIDASE, pharmacodynamics/ RABBITS/ RESPIRATORY DISTRESS SYNDROME, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1785. **Corsin J:** Le matériel extracellulaire au cours du développement du chondrocrâne des amphibiens: mise en place et constitution . J Embryol Exp Morphol 38:139–49, Apr 77 (Eng. Abstr.) **(Fre)**
*AMPHIBIA, embryology/ ANIMAL/ CARTILAGE, analysis/ *CARTILAGE, embryology/ CHONDROITIN SULFATES, analysis/ COLLAGEN, analysis/ ENGLISH ABSTRACT/ HEPARIN, analysis/ HYALURONIC ACID, analysis/ *SKULL, embryology

1786. **Cortellaro M, Pogliani E, Cofrancesco E:** Abnormal platelet function by acquired circulating factor VIII inhibitor in a patient with systemic lupus erythematosus. Haematologica (Pavia) 62(3):241–9, Jun 77
ADOLESCENCE/ BLOOD COAGULATION TESTS/ CASE REPORT/ *FACTOR VIII, antagonists & inhibitors/ FEMALE/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ *PLATELET AGGREGATION

1787. **Cortese CJ:** Cavernous hemangioma of the foot. J Foot Surg 15(2):72–6, Summer 76
CASE REPORT/ FEMALE/ *FOOT DISEASES/ FOOT DISEASES, surgery/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, etiology/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MIDDLE AGE

1788. **Cortinovis A, Crippa A, Rossi A:** Incideza della concentrazione e dell'interreazione proteica e corpuscolare sulla viscosità. Arch E Maragliano Patol Clin 31(1):13–45, Jan–Jun 75 (Eng. Abstr.) **(Ita)**
ANIMAL/ *BLOOD CELLS/ BLOOD FLOW VELOCITY/ *BLOOD PROTEINS/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ HUMAN/ IMMUNOGLOBULINS/ LEUKOCYTE COUNT/ LIPIDS, blood

1789. **Cosby LA, Pardini RS, Biagini RE, et al:** Mode of action of the bioreductive alkylating agent, 2,3-bis(chloromethyl)-1,4-naphthoquinone. Cancer Res 36(11 Pt 1):4023–31, Nov 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, metabolism/ *ALKYLATING AGENTS, pharmacodynamics/ ANIMAL/ CATTLE/ DNA, NEOPLASM, biosynthesis/ FEMALE/ IN VITRO/ MICE/ MICE, INBRED STRAINS/ MITOCHONDRIA, LIVER, metabolism/ MITOCHONDRIA, MUSCLE, metabolism/ MITOCHONDRIAL SWELLING, drug effects/ MYOCARDIUM, ultrastructure/ *NAPHTHOQUINONES, pharmacodynamics/

NEOPLASM PROTEINS, biosynthesis/ NAD, metabolism/ OXYGEN CONSUMPTION, drug effects/ RATS/ RNA, NEOPLASM, biosynthesis/ SARCOMA 180, CROCKER, enzymology/ SARCOMA 180, CROCKER, metabolism/ THYMIDINE KINASE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K, pharmacodynamics

1790. **Coscas G, Gaudric A, Quentel G:** Aspects angiographiques au cours de deux cas de coagulations intravasculaires disséminées (C.I.V.D.) (et leurs relations avec les nodules d'elshnig Full Soc Ophtalmol Fr 76(1):47–51, Jan 76 **(Fre)**
ADULT/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ HUMAN/ MALE/ *RETINAL DISEASES, pathology

1791. **Cossel L:** Electron microscopy of Kupffer cells in the orthotopic porcine liver homograft during the late stage after transplantation (phagocytosis of host cells by Kupffer cells). Exp Pathol (Jena) 11(3–4):168–81, 1975
ANIMAL/ ANTIBODY FORMATION/ BLOOD PLATELETS, immunology/ ERYTHROCYTES, immunology/ GRAFT REJECTION/ *KUPFFER CELLS, immunology/ *LIVER, transplantation/ MACROPHAGES, immunology/ MICROSCOPY, ELECTRON/ *PHAGOCYTOSIS/ *SWINE, immunology/ TRANSPLANTATION, HOMOLOGOUS

1792. **Cosson MP, Gros C, Talbot JC:** Identification of a cysteine residue of glutamate dehydrogenase that binds p-chloromercuribenzoic acid.
Biochem Biophys Res Commun 72(4):1304–10, 18 Oct 76
BINDING SITES/ CATTLE/ *CHLOROMERCURIBENZOATES/ CYSTEINE, analysis/ *GLUTAMATE DEHYDROGENASE/ GLUTAMATE DEHYDROGENASE, metabolism/ LIVER, enzymology/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ TRYPSIN

1793. **Costa A:** Eccezionale variante della malattia di Sturge e Weber: meningioma angioblastico intracranico ed emangioma cutaneo nella proiezione di sede corrispondente come 'lesione spia'
Arch De Vecchi Anat Patol 61(1):77–87, Apr 76 **(Ita)**
ADULT/ *ANGIOMATOSIS, diagnosis/ ANGIOSARCOMA, diagnosis/ BRAIN NEOPLASMS, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMANGIOMA, diagnosis/ HUMAN/ SKIN NEOPLASMS, diagnosis/ *STURGE-WEBER SYNDROME, diagnosis

1794. **Costa JL, Fauci AS, Wolff SM:** A platelet abnormality in the Chediak-Higashi syndrome of man. Blood 48(4):517–20, Oct 76
BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, complications/ *BLOOD PLATELETS/ BLOOD PLATELETS, ultrastructure/ CHEDIAK-HIGASHI SYNDROME, blood/ *CHEDIAK-HIGASHI SYNDROME, complications/ HUMAN/ PLATELET AGGREGATION

1795. **Costa JL, Detwiler TC, Feinman RD, et al:** Quantitative evaluation of the loss of human platelet dense bodies following stimulation by thrombin or A23187.
J Physiol (Lond) 264(1):297–306, Jan 77
*A-23187, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, secretion/ *ANTIBIOTICS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, secretion/ *BLOOD PLATELETS, ultrastructure/ CALCIUM, secretion/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ IN VITRO/ *ORGANOIDS, ultrastructure/ *THROMBIN, pharmacodynamics/ TIME FACTORS

1796. **Costa JL, Murphy DL:** Alterations in human-platelet serotonin uptake following the addition of thrombin or A 23187 [letter]. Thromb Haemostas 37(1):177–9, 28 Feb 77
*A-23187, pharmacodynamics/ *ANTIBIOTICS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ HUMAN/ *SEROTONIN, metabolism/ *THROMBIN, pharmacodynamics

1797. **Costa JL, Murphy DL, Kafka MS:** Demonstration and evaluation of apparent cytoplasmic and vesicular serotonin compartments in human platelets. Biochem Pharmacol 26(6):517–21, 15 Mar 77
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ HUMAN/ KINETICS/ *SEROTONIN, blood/ SUBCELLULAR FRACTIONS, metabolism/ THROMBIN, pharmacodynamics

1798. **Costa JL, Silber SA, Murphy DL:** Effects of reserpine and imipramine on vesicular serotonin uptake and storage in intact human platelets. Life Sci 21(2):181–8, 15 Jul 77
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ CYTOPLASM, metabolism/ DEPRESSION, CHEMICAL/ HUMAN/ *IMIPRAMINE, pharmacodynamics/ IN VITRO/ *RESERPINE, pharmacodynamics/ *SEROTONIN, blood/ TIME FACTORS

1799. **Costa JL:** In situ observation of dense-body release from hydrated human platelets. Biophys J 19(3):307–13, Sep 77
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, ultrastructure/ HUMAN/ IN VITRO/ STIMULATION, CHEMICAL/ TEMPERATURE/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1800. **Costa e Silva M, Kitajima E:** Giant platelets and thrombocytopenia: a bleeding disorder in siblings. Clinical laboratory and electron microscopic aspects. J Med 8(2):81–94, 1977
ADULT/ *BLOOD PLATELETS, ultrastructure/ CASE REPORT/ FEMALE/ HUMAN/ MALE/ PEDIGREE/ *THROMBOPENIA, familial & genetic/ THROMBOPENIA, pathology

1801. **Costantini A, Jori D, Lorenzini P, et al:** Study of methods for the detection of HBsAg and HBsAb in hemoderivatives. Boll Ist Sieroter Milan 56(2):115–21, 31 Mar 77 (Eng. Abstr.)
ANTI-AUSTRALIA ANTIGEN, analysis/ BLOOD PRESERVATION/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ *HEPATITIS B SURFACE ANTIGEN/ HEPATITIS B SURFACE ANTIGEN, analysis/ *HEPATITIS B, prevention & control/ *IMMUNE SERUMS, standards/ *PLASMA, microbiology/ RADIOIMMUNOASSAY

1802. **Costero C, Jiménez González L, Hernández Castro M:** Hemangioma placentario Ginecol Obstet Mex 40(242):451–6, Dec 76 (Eng. Abstr.) **(Spa)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, diagnosis/ HUMAN/ INFANT, PREMATURE/ *PLACENTA DISORDERS, diagnosis/ *PREGNANCY COMPLICATIONS, diagnosis/ PREGNANCY

1803. **Cotter R, Rothenberg SP:** Solubilization, partial purification and radioassay for the intrinsic factor receptor from the ileal mucosa. Br J Haematol 34(3):477–87, Nov 76
ANIMAL/ CATIONS, DIVALENT/ FEMALE/ GUINEA PIGS/ HYDROGEN-ION CONCENTRATION/ *ILEUM/ *INTESTINAL MUCOSA, analysis/ *INTRINSIC FACTOR, analysis/ INTRINSIC FACTOR, metabolism/ KINETICS/ PEPTIDE HYDROLASES, pharmacodynamics/ RADIOIMMUNOASSAY/ *RECEPTORS, DRUG/ RECEPTORS, DRUG, drug effects/ RECEPTORS, DRUG, isolation & purification/ SOLUBILITY/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1804. **Cotton TL:** The prevention of deep vein thrombosis, with particular reference to mechanical methods of prevention. Surgery 81(2):228–35, Feb 77 (64 ref.)
ADULT/ AGED/ *CONSTRICTION, methods/ ELECTRIC STIMULATION/ EXERCISE THERAPY/ EXERTION/ FIBRINOGEN, diagnostic use/ HEPARIN, therapeutic use/ HUMAN/ *LEG, blood supply/ MIDDLE AGE/ NEOPLASMS, complications/ REGIONAL BLOOD FLOW/ REVIEW/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, prevention & control/ VEINS

1805. **Cottrell BA, Doolittle RF:** Amino acid sequences of lamprey fibrinopeptides A and B and characterizations of the junctions split by lamprey and mammalian thrombins. Biochim Biophys Acta 453(2):426–38, 22 Dec 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ *CYCLOSTOMES, blood/ *FIBRINOGEN/ *FIBRINOPEPTIDES A/ *FIBRINOPEPTIDES B/ *LAMPREYS, blood/ MACROMOLECULAR SYSTEMS/ THROMBIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1806. **Courbier R, Jausseran JM, Reggi M, et al:** Les facteurs de rethrombose après restauration artérielle fémoro-poplitée Chirurgie 102(8):665–71, 1976 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD VESSEL PROSTHESIS/ ENDARTERECTOMY/ ENGLISH ABSTRACT/ FEMALE/ *FEMORAL ARTERY, surgery/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ *POPLITEAL ARTERY, surgery/ RECURRENCE/ *THROMBOSIS, surgery/ TRANSPLANTATION, AUTOLOGOUS/ VEINS, transplantation

1807. **Courbier R, Jausseran JM, Reggi M:** Detecting complications of direct arterial surgery: the role of intraoperative arteriography. Arch Surg 112(9):1115–8, Sep 77
*ANGIOGRAPHY, methods/ ARTERIAL OCCLUSIVE DISEASES, radiography/ *ARTERIES, surgery/ ARTERIOVENOUS SHUNT, SURGICAL, methods/ BLOOD VESSEL PROSTHESIS/ EMBOLISM, radiography/ ENDARTERECTOMY, methods/ HUMAN/ LEG, blood supply/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ POSTOPERATIVE COMPLICATIONS, radiography/ THROMBOSIS, radiography/ TRANSPLANTATION, AUTOLOGOUS/ VEINS, transplantation

1808. **Courreges JP:** Traitement de l'embolie pulmonaire. Soins 22(17):33–8, 5 Sep 77 **(Fre)**
*ANTICOAGULANTS, therapeutic use/ HUMAN/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, surgery

1809. **Courtney JM, Park GB, Fairweather IA:** Polymer structure and blood compatibility evaluation – application of an acrylonitrile copolymer.
Biomater Med Devices Artif Organs 4(3–4):263–75, 1976
*ACRYLIC RESINS, toxicity/ ACRYLONITRILE, analogs & derivatives/ *ACRYLONITRILE, toxicity/ DRUG INTERACTIONS/ *HEPARIN, pharmacodynamics/ HUMAN/ *NITRILES, toxicity/ *PLATELET ADHESIVENESS, drug effects/ POLYMETHACRYLIC ACIDS, chemical synthesis/ *POLYMETHACRYLIC ACIDS, toxicity

1810. **Couser WG, Stilmant MM, Jermanovich NB:** Complement-independent nephrotoxic nephritis in the guinea pig. Kidney Int 11(3):170–80, Mar 77
ANIMAL/ ANTIBODIES/ AZATHIOPRINE, administration & dosage/ BASEMENT MEMBRANE, pathology/ COLCHICINE, administration & dosage/ COMPLEMENT/ FLUORESCENT ANTIBODY TECHNIC/ GUINEA PIGS/ HEPARIN, administration & dosage/ HISTAMINE H1 RECEPTOR BLOCKADERS, administration & dosage/ HISTOCYTOCHEMISTRY/ IMMUNE SERUMS/ INDOMETHACIN, administration & dosage/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ KIDNEY GLOMERULUS, immunology/ KIDNEY GLOMERULUS, pathology/ MALE/ NIRIDAZOLE, administration & dosage/ PROTEINURIA, drug therapy/ *PROTEINURIA, immunology/ SHEEP, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1811. **Cowan RE, Thompson RP, Kaye JP, et al:** The association between fasting hyperbilirubinaemia and serum non-esterified fatty acids in man. Clin Sci Mol Med 53(2):155–63, Aug 77
*BILIRUBIN, blood/ CAFFEINE, administration & dosage/ CALORIC INTAKE/ *FASTING/ *FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN, administration & dosage/ HUMAN/ INSULIN, administration & dosage/ MALE/ NOREPINEPHRINE, administration & dosage/ TIME FACTORS

1812. **Cox PJ, Farmer PB:** Towards selectivity? Approaches to the design of new anti-tumour agents--II.
Cancer Treat Rev 4(2):119–34, Jun 77 (121 ref.)
ADRIAMYCIN, analogs & derivatives/ ADRIAMYCIN, pharmacodynamics/ AMINO ACIDS, pharmacodynamics/ *ANTINEOPLASTIC AGENTS/ ANTINEOPLASTIC AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, therapeutic use/ CARBOHYDRATES, pharmacodynamics/ CHELATING AGENTS, pharmacodynamics/ COLCHICINE, pharmacodynamics/ DACARBAZINE, pharmacodynamics/ DAUNOMYCIN, analogs & derivatives/ DAUNOMYCIN, pharmacodynamics/ DRUG INTERACTIONS/ DYES, pharmacodynamics/ ELLIPTICINES, pharmacodynamics/ FOLIC ACID ANTAGONISTS, pharmacodynamics/ HEART DISEASES, chemically induced/ HEXAMETHYLMELAMINE, pharmacodynamics/ HUMAN/ *NEOPLASMS, drug therapy/ NITROSOUREA COMPOUNDS, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ PODOPHYLLOTOXIN, pharmacodynamics/ POLYMERS, pharmacodynamics/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP

1813. **Craddock PR, Hammerschmidt D, White JG, et al:** Complement (C5-a)-induced granulocyte aggregation in vitro. A possible mechanism of complement-mediated leukostasis and leukopenia. J Clin Invest 60(1):260–4, Jul 77
CELL AGGREGATION/ *COMPLEMENT 5/ COMPLEMENT 5, metabolism/ COMPLEMENT 5, deficiency/ *COMPLEMENT/ COMPLEMENT, metabolism/ *GRANULOCYTES, physiology/ *HEMOSTASIS/ HUMAN/ *LEUKOCYTES, physiology/ *LEUKOPENIA, immunology/ MICROSCOPY, ELECTRON/ PULMONARY CIRCULATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ ZYMOSAN, pharmacodynamics

1814. **Crafts D, Wilson C:** Differential diagnosis of tumor regrowth. Semin Oncol 2(1):15–7, Mar 75
BRAIN DISEASES, diagnosis/ BRAIN EDEMA, diagnosis/ *BRAIN NEOPLASMS, pathology/ CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ CEREBRAL HEMORRHAGE, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, diagnosis/ HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/ *NEOPLASM RECURRENCE, LOCAL, diagnosis/ NERVOUS SYSTEM DISEASES, chemically induced/ NERVOUS SYSTEM DISEASES, diagnosis/ RADIATION INJURIES, diagnosis

1815. **Craig JC, Lee SY, Zdansky G, et al:** Studies in the chiroptical properties of selenoamino acids. J Am Chem Soc 98(21):6456–9, 13 Oct 76
*AMINO ACIDS/ AMINO ACIDS, SULFUR/ AMINOBUTYRIC ACIDS/ AMINOCAPROIC ACIDS/ *CIRCULAR DICHROISM/ DIAMINOPIMELIC ACID/ *SELENIUM/ *SPECTRUM ANALYSIS/ VALERATES

1816. **Craig RK, Brown PA, Harrison OS, et al:** Guinea-pig milk-protein synthesis. Isolation and characterization of messenger ribonucleic acids from lactating mammary gland and identification of caseins and pre-alpha-lactalbumin as translation products in heterologous cell-free systems. Biochem J 160(1):57–74, 15 Oct 76
ANIMAL/ *CASEIN, biosynthesis/ CELL-FREE SYSTEM/ FEMALE/ GLOBIN/ GUINEA PIGS/ *LACTALBUMIN, biosynthesis/ *LACTATION/ *MAMMAE, analysis/ MICE/ *MILK PROTEINS, biosynthesis/ MOLECULAR WEIGHT/ PREGNANCY/ PROTEIN PRECURSORS, isolation & purification/ RABBITS/ RETICULOCYTES, analysis/ *RNA, MESSENGER, isolation & purification/ THROMBOPLASTIN, isolation & purification

1817. **Crane LJ, Miller DL:** Plasma protein synthesis by isolated

rat hepatocytes. J Cell Biol 72(1):11–25, Jan 77
ADRENALECTOMY/ AMINO ACIDS, metabolism/ ANIMAL/ CELL SURVIVAL/ CLOSTRIDIOPEPTIDASE A/ ENZYME INDUCTION/ EPINEPHRINE, pharmacodynamics/ *FIBRINOGEN, biosynthesis/ HYDROCORTISONE, pharmacodynamics/ INSULIN, pharmacodynamics/ *LIVER, cytology/ LIVER, metabolism/ MALE/ PROTEINS, biosynthesis/ RATS/ *SERUM ALBUMIN, biosynthesis/ TYROSINE AMINOTRANSFERASE, biosynthesis

1818. **Crane RK, Menard D, Preiser H, et al:** The molecular basis of brush-border membrane disease. pp. 229–41. In: Bolis L, et al., ed. Membranes and disease. New York, Raven Press, 1976. W3 IN169J 1975m. (53 ref.)
ADOLESCENCE/ ANIMAL/ BIOLOGICAL TRANSPORT/ CHILD/ GALACTOSE, metabolism/ GALACTOSIDASES, metabolism/ GLUCOSE, metabolism/ GLYCOSIDE HYDROLASES, deficiency/ HETEROZYGOTE/ HUMAN/ INTESTINAL ABSORPTION/ LEVODOPA, metabolism/ MALABSORPTION SYNDROMES, familial & genetic/ *MALABSORPTION SYNDROMES, metabolism/ MEMBRANES, enzymology/ *MEMBRANES, metabolism/ MONOGRAPH/ MUTATION/ PHYTONADIONE, metabolism/ REVIEW/ SODIUM, metabolism/ SUCRASE, deficiency/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1819. **Cranley JJ, Canos AJ, Mahalingam K:** Noninvasive diagnosis and prophylaxis of deep venous thrombosis of the lower extremities. pp. 131–53. In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976.
ADOLESCENCE/ ADULT/ AGED/ CHRONIC DISEASE/ FEMALE/ FOOT/ HIP JOINT, surgery/ HUMAN/ JOINT PROSTHESIS/ *LEG, blood supply/ MALE/ MIDDLE AGE/ MONOGRAPH/ PHLEBOGRAPHY, methods/ PLETHYSMOGRAPHY, IMPEDANCE, methods/ POSTOPERATIVE COMPLICATIONS/ PRESSURE, adverse effects/ PULMONARY EMBOLISM, etiology/ RESPIRATION/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, radiography

1820. **Cranley JJ, Mahalingam K, Ferris EB:** Extending the vascular examination by noninvasive means. Am J Surg 134(2):179–82, Aug 77
BLOOD PRESSURE DETERMINATION/ CAROTID ARTERIES, radiography/ CAROTID ARTERY THROMBOSIS, diagnosis/ HUMAN/ OSCILLOMETRY/ PHLEBOGRAPHY/ PLETHYSMOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS, diagnostic use

1821. **Cravetto CA, Nejrotti M, Curtaz G, et al:** Rilievi ematologici ed emocoagulativi nell'anoressia nervosa Arch Sci Med (Torino) 134(2):205–9, Apr–Jun 77 (Eng. Abstr.) **(Ita)**
ADOLESCENCE/ ADULT/ *ANEMIA, HYPOCHROMIC, etiology/ *ANOREXIA NERVOSA, blood/ ANOREXIA NERVOSA, complications/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ *BLOOD PLATELETS/ ENGLISH ABSTRACT/ FEMALE/ HEMOGLOBINOMETRY/ HUMAN/ *IRON, blood

1822. **Crawford JS:** Repair of ptosis using frontalis muscle and fascia lata: a 20-year review. Ophthalmic Surg 8(4):31–40, Aug 77
BLEPHAROPTOSIS, congenital/ *BLEPHAROPTOSIS, surgery/ CHILD/ CHILD, PRESCHOOL/ ENTROPION, etiology/ EYE NEOPLASMS, surgery/ *FASCIA LATA, transplantation/ *FASCIA, transplantation/ FEMALE/ HEAD/ HEMANGIOMA, surgery/ HUMAN/ KERATITIS, etiology/ LYMPHANGIOMA, surgery/ MALE/ MIDDLE AGE/ *MUSCLES, transplantation/ NEUROFIBROMA, surgery/ POSTOPERATIVE COMPLICATIONS/ TRANSPLANTATION, AUTOLOGOUS

1823. **Crawford N, Castle AG:** Tubulin and other microtubule associated proteins of the blood platelet. pp. 117–31. In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976. (35 ref.)
AMINO ACIDS, analysis/ ANIMAL/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ BLOOD PROTEINS, isolation & purification/ BRAIN, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ COLCHICINE, metabolism/ FLUORESCENT ANTIBODY TECHNIC/ *GLYCOPROTEINS, metabolism/ IN VITRO/ MICROTUBULES, enzymology/ *MICROTUBULES, metabolism/ MOLECULAR WEIGHT/ MONOGRAPH/ POLYMERS, metabolism/ PROTEIN BINDING/ PROTEIN KINASE, isolation & purification/ REVIEW/ TUBULIN, analysis/ TUBULIN, isolation & purification/ *TUBULIN, metabolism

1824. **Creighton TE:** Energetics of folding and unfolding of pancreatic trypsin inhibitor. J Mol Biol 113(2):295–312, 25 Jun 77
BINDING SITES/ DISULFIDES/ KINETICS/ PROTEIN CONFORMATION/ THERMODYNAMICS/ *TRYPSIN INHIBITORS

1825. **Creighton TE:** Effects of urea and guanidine-HCl on the folding and unfolding of pancreatic trypsin inhibitor. J Mol Biol 113(2):313–28, 25 Jun 77
BINDING SITES/ DISULFIDES/ GUANIDINES, pharmacodynamics/ KINETICS/ PROTEIN CONFORMATION, drug effects/ PROTEIN DENATURATION/ *TRYPSIN INHIBITORS/ UREA, pharmacodynamics

1826. **Creighton TE:** Conformational restrictions on the pathway of folding and unfolding of the pancreatic trypsin inhibitor. J Mol Biol 113(2):275–93, 25 Jun 77
BINDING SITES/ DISULFIDES/ KINETICS/ PROTEIN CONFORMATION/ *TRYPSIN INHIBITORS

1827. **Cresanta DA, Pacifico AD, Blackstone EH:** The use of epsilon-aminocaproic acid to reduce bleeding following coronary artery revascularization. Ala J Med Sci 14(2):162–4, Apr 77
*AMINOCAPROIC ACIDS, therapeutic use/ CORONARY DISEASE, surgery/ *HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ HUMAN/ *MYOCARDIAL REVASCULARIZATION/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ 6-AMINOCAPROIC ACID, administration & dosage/ *6-AMINOCAPROIC ACID, therapeutic use

1828. **Creter D, Rubinstein I, Menache R:** A simple and rapid platelet calcium determination. Normal values and result in May-Hegglin anomaly. Acta Haematol (Basel) 57(3):168–70, 1977
BASOPHILS/ *BLOOD PLATELETS, analysis/ *CALCIUM, blood/ EOSINOPHILS/ *HEMATOLOGIC DISEASES, blood/ HEMATOLOGIC DISEASES, familial & genetic/ HUMAN/ NEUTROPHILS/ NORMAL VALUES/ *SPECTROPHOTOMETRY, ATOMIC ABSORPTION, methods/ SYNDROME

1829. **Creter D:** Amnioplastin: new reagent for coagulation tests [letter] Lancet 2(8031):251, 30 Jul 77
*AMNION/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ PREGNANCY/ *THROMBOPLASTIN, diagnostic use/ *TISSUE EXTRACTS

1830. **Crippen GM:** A statistical approach to the calculation of conformation of proteins. 2. The reoxidation of reduced trypsin inhibitor. Macromolecules 10(1):25–8, Jan-Feb 77
CHEMISTRY/ DISULFIDES/ OXIDATION-REDUCTION/ PANCREAS/ *PROTEIN CONFORMATION/ PROTEIN DENATURATION/ STATISTICS/ THERMODYNAMICS/ *TRYPSIN INHIBITORS

1831. **Cristal N, Stern J, Ronen M, et al:** Identifying patients at risk for thromboembolism. Use of 125I-labeled fibrinogen

in patients with acute myocardial infarction. JAMA 236(24):2755–7, 13 Dec 76
ACUTE DISEASE/ FEMALE/ *FIBRINOGEN, diagnostic use/ HUMAN/ *IODINE RADIOISOTOPES, diagnostic use/ MALE/ *MYOCARDIAL INFARCT, complications/ RISK/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, occurrence

1832. **Crittin J, Waldvogel FA:** Endocardites bactériennes: aspects cliniques, bactériologiques et facteurs de pronostic Schweiz Med Wochenschr (suppl 5):1–26, 1977 (135 ref.) **(Fre)**
ADULT/ AGED/ ANAEROBIOSIS/ AORTIC VALVE INSUFFICIENCY, etiology/ CASE REPORT/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ CLOXACILLIN, therapeutic use/ *ENDOCARDITIS, BACTERIAL/ ENDOCARDITIS, BACTERIAL, drug therapy/ ENDOCARDITIS, BACTERIAL, occurrence/ ENDOCARDITIS, SUBACUTE BACTERIAL, classification/ FEMALE/ FEVER, etiology/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ KIDNEY DISEASES, etiology/ MALE/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, etiology/ PENICILLINS, therapeutic use/ *PNEUMOCOCCAL INFECTIONS/ PROGNOSIS/ PULMONARY EMBOLISM, etiology/ RETROSPECTIVE STUDIES/ REVIEW/ *SALMONELLA INFECTIONS/ SALMONELLA, isolation & purification/ SKIN MANIFESTATIONS/ SPLENOMEGALY, etiology/ STAPHYLOCOCCUS, isolation & purification/ *STREPTOCOCCAL INFECTIONS/ STREPTOCOCCUS PNEUMONIAE, isolation & purification/ STREPTOCOCCUS FAECALIS, isolation & purification/ STREPTOCOCCUS, isolation & purification

1833. **Crodel HW:** Neurotisch verarbeitete Organerkrankungen als psychotherapeutische Aufgabe Z Gesamte Inn Med 31(1):293–4, 1 Jan 76 (Eng. Abstr.) **(Ger)**
DIAGNOSTIC ERRORS/ ENGLISH ABSTRACT/ *HEMOPHILIA, complications/ HEMOPHILIA, therapy/ HUMAN/ MALE/ MIDDLE AGE/ NEUROSES, diagnosis/ NEUROSES, etiology/ *NEUROSES, therapy/ PROJECTIVE TECHNICS/ PSYCHOTHERAPY

1834. **Cromie WJ, Jordan MH, Leapman SB:** Pseudorejection: the Page kidney phenomenon in renal allografts. J Urol 116(5):658–9, Nov 76
ADULT/ CASE REPORT/ DIAGNOSTIC ERRORS/ *GRAFT REJECTION/ HEMATOMA, complications/ HEMATOMA, surgery/ HUMAN/ *HYPERTENSION, RENAL, diagnosis/ IMMUNOSUPPRESSION/ KIDNEY FUNCTION TESTS/ *KIDNEY, transplantation/ KIDNEY, surgery/ MALE/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, surgery/ TRANSPLANTATION, ALLOGENEIC/ ULTRASONICS, diagnostic use

1835. **Cromwell LD, Kerber C, Ferry PC:** Spinal cord compression and hematoma: an unusual complication in a hemophiliac infant. Am J Roentgenol 128(5):847–9, May 77
CASE REPORT/ *HEMATOMA, etiology/ HEMATOMA, radiography/ *HEMOPHILIA, complications/ HUMAN/ INFANT/ MALE/ MYELOGRAPHY/ *SPINAL CORD COMPRESSION, etiology/ SPINAL CORD COMPRESSION, radiography

1836. **Cromwell LD, Kerber C, Porter JM:** Asymptomatic angiographic occlusion of the internal carotid artery: an indication for emergency endarterectomy. Am Surg 43(6):382–5, Jun 77
*ARTERIAL OCCLUSIVE DISEASES, radiography/ ARTERIAL OCCLUSIVE DISEASES, surgery/ ATHEROMA, radiography/ ATHEROMA, surgery/ CAROTID ARTERIES, radiography/ *CAROTID ARTERY DISEASES, radiography/ CAROTID ARTERY DISEASES, surgery/ CASE REPORT/ *ENDARTERECTOMY/ HEPARIN, administration & dosage/ HUMAN/ MALE/ MIDDLE AGE

1837. **Crone RA:** Een alledaagse oogziekte. Bespiegelingen over de voorhoedefunctie van de academische ziekenhuizen. Ned Tijdschr Geneeskd 121(30):1193–5, 23 Jul 77 **(Dut)**
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ ARTERIOSCLEROSIS, complications/ BLINDNESS, etiology/ CASE REPORT/ HUMAN/ HYPERTENSION, therapy/ LIGHT COAGULATION/ MALE/ *OPHTHALMOLOGY, standards/ *PAPILLEDEMA, therapy/ RETINAL HEMORRHAGE, etiology/ *RETINAL VEIN/ THROMBOPHLEBITIS, therapy/ UNIVERSITY HOSPITALS/ VASCULAR DISEASES, therapy

1838. **Crook BR, Gishen P, Robinson CR, et al:** Occlusion of the subclavian vein associated with cephalic vein pacemaker electrodes. Br J Surg 64(5):329–31, May 77
ADULT/ AGED/ ARM, blood supply/ CASE REPORT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PACEMAKER, ARTIFICIAL, adverse effects/ *SUBCLAVIAN VEIN/ THROMBOPHLEBITIS, etiology/ VASCULAR DISEASES, etiology/ VEINS

1839. **Crooks J, Stevenson IH, Shepherd AM, et al:** The clinical significance and importance of drug interactions. pp. 3–13.
In: Grahame-Smith, DG, ed. Drug interactions. Baltimore, Univ Park Press, 1977. QV 38 D7932 1975.
ADRENERGIC ALPHA RECEPTOR BLOCKADERS/ ADRENERGIC BETA RECEPTOR BLOCKADERS/ AMOBARBITAL/ ANTIDEPRESSIVE AGENTS, TRICYCLIC/ CARBIMAZOLE/ DRUG COMBINATIONS/ *DRUG INTERACTIONS/ *DRUG THERAPY, COMBINATION, adverse effects/ IMIPRAMINE/ INFUSIONS, PARENTERAL/ IRON/ MONOGRAPH/ TETRACYCLINE/ TRIIODOTHYRONINE/ WARFARIN

1840. **Crosby WH:** Normal platelet numbers. Pulmonary-platelet interactions. Ser Haematol 8(3):89–97, 1975
ADULT/ ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS, physiology/ CELL SURVIVAL/ DOGS/ EMBOLISM, blood/ HUMAN/ *LUNG, cytology/ MALE/ MEGAKARYOCYTES, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1841. **Crosby WH:** Normal platelet numbers. Pulmonary-platelet interactions. pp. 89–97.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.
ANIMAL/ *BLOOD CELL COUNT/ BLOOD COAGULATION/ *BLOOD PLATELETS/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ CELL DIVISION/ HUMAN/ KINETICS/ *LUNG/ LUNG, blood supply/ MEGAKARYOCYTES/ MONOGRAPH/ PULMONARY CIRCULATION/ PULMONARY EMBOLISM, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1842. **Cross AS, Steigbigel RT:** Infective endocarditis and access site infections in patients on hemodialysis. Medicine (Baltimore) 55(6):453–66, Nov 76 (118 ref.)
ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ AORTIC VALVE/ ARTERIOVENOUS SHUNT, SURGICAL/ *BACTERIAL INFECTIONS, etiology/ CASE REPORT/ ENDARTERITIS, etiology/ ENDOCARDITIS, BACTERIAL, drug therapy/ *ENDOCARDITIS, BACTERIAL, etiology/ ENDOCARDITIS, BACTERIAL, occurrence/ FEMALE/ FEVER, etiology/ *HEMODIALYSIS, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE/ PSEUDOMONAS INFECTIONS, drug therapy/ PSEUDOMONAS INFECTIONS, etiology/ REVIEW/ STAPHYLOCOCCAL INFECTIONS, drug therapy/ STAPHYLOCOCCAL INFECTIONS, etiology/ THROMBOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1843. **Cross DE, Whittier FC, Foxworth J, et al:** Possible evidence

for a new C-locus specificity: studies of the serum Pullium.
Transplant Proc 9(1 Suppl 1):51–2, Mar 77
ADOLESCENCE/ ANTIBODY SPECIFICITY/ BLOOD PLATELETS, immunology/ FEMALE/ HUMAN/ IMMUNOGENETICS/ *ISOANTIBODIES, analysis/ LEUKOCYTES, immunology/ PHENOTYPE/ PREGNANCY

1844. **Crow KD, Ellis JP:** Leukocytoclastic vasculitis with Sjögren's syndrome and paraproteinaemia.
Br J Dermatol 97 Suppl 15:27–8, Jul 77
ADULT/ CASE REPORT/ FEMALE/ GAMMA GLOBULINS, analysis/ HUMAN/ INFLAMMATION/ LEUKOCYTES/ *PARAPROTEINEMIAS, complications/ *PURPURA, complications/ *SJOGREN'S SYNDROME, complications/ *VASCULAR DISEASES, complications

1845. **Crowley JP, Wade PH, Wish C, et al:** The purification of red cells for transfusion by freeze-preservation and washing. V. Red cell recovery and residual leukocytes after freeze-preservation with high concentrations of glycerol and washing in various systems. Transfusion 17(1):1–7, Jan–Feb 77
BLOOD PLATELETS, metabolism/ *BLOOD PRESERVATION/ CELL SURVIVAL/ CITRATES, pharmacodynamics/ *CRYOPROTECTIVE AGENTS/ *ERYTHROCYTES, metabolism/ *FREEZING/ *GLYCERIN/ HEMATOCRIT/ HUMAN/ LEUKOCYTES, metabolism/ OSMOLAR CONCENTRATION/ PHOSPHATES, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1846. **Crowther D, Bateman CJ:** Malignant disease.
Clin Haematol 1(3):447–73, Oct 72 (116 ref.)
ANEMIA, chemically induced/ ANEMIA, HEMOLYTIC, etiology/ *ANEMIA, HYPOCHROMIC, etiology/ ANEMIA, SIDEROBLASTIC, etiology/ ANTIBIOTICS, ANTINEOPLASTIC, adverse effects/ BLOOD COAGULATION DISORDERS/ BLOOD VOLUME/ CELL TRANSFORMATION, NEOPLASTIC/ EOSINOPHILIA, etiology/ FOLIC ACID DEFICIENCY, etiology/ HUMAN/ LEUKEMOID REACTION, etiology/ LYMPHOCYTES, immunology/ *NEOPLASMS, complications/ POLYCYTHEMIA, etiology/ PROTEIN DEFICIENCY, etiology/ REVIEW/ VITAMIN B 12 DEFICIENCY, etiology

1847. **Croxatto HR, Albertini R, Arriagada R, et al:** Renal urinary kallikrein in normotensive and hypertensive rats during enhanced excretion of water and electrolytes.
Clin Sci Mol Med 51 Suppl 3:259s–261s, Dec 76
ANIMAL/ DIURESIS/ FEMALE/ FUROSEMIDE, pharmacodynamics/ *HYPERTENSION, urine/ *KALLIKREIN, urine/ KIDNEY, drug effects/ POTASSIUM, urine/ RATS/ SODIUM, urine

1848. **Cruz-Coke R, Rivera L, González E:** Hemofilia e hipertensión arterial Rev Med Chil 104(9):603–5, Sep 76 (Eng. Abstr.) **(Spa)**
ADOLESCENCE/ ADULT/ AGED/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *HEMOPHILIA, complications/ HEMOPHILIA, familial & genetic/ HUMAN/ *HYPERTENSION, complications/ HYPERTENSION, familial & genetic/ MALE/ MIDDLE AGE

1849. **Cryer A, Davies P, Robinson DS:** The control of lipoprotein lipase. pp. 102–10.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 1328 No.4 1974.
ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, metabolism/ ANIMAL/ CHROMATOGRAPHY/ ENDOTHELIUM, enzymology/ FATTY ACIDS, blood/ FATTY ACIDS, NONESTERIFIED, metabolism/ GLUCAGON, pharmacodynamics/ HUMAN/ HYDROLYSIS/ INSULIN, physiology/ *LIPOPROTEIN LIPASE, metabolism/ MONOGRAPH/ TRIGLYCERIDES, blood

1850. **Cserháti I:** Antithrombocyta serum ismételt adásával keltett thrombocytopoeticus hatás vizsgálata Orv Hetil 117(35):2103–5, 29 Aug 76 **(Hun)**
ANIMAL/ *BLOOD PLATELETS/ BLOOD PLATELETS, immunology/ *GLYCOPROTEINS, biosynthesis/ HEMATOPOIESIS/ *IMMUNE SERUMS, administration & dosage/ MICE/ *THROMBOPOIETIN, biosynthesis

1851. **Cserna E:** Antenatális vesevéna thrombosis és haemorrhagiás vese-necrosis. Morphol Igazsagugyi Orv Sz 17(2):131–4, Apr 77 (Eng. Abstr.) **(Hun)**
ADOLESCENCE/ *ASPHYXIA NEONATORUM, pathology/ AUTOPSY/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE/ HUMAN/ INFANT, NEWBORN/ *KIDNEY CORTEX NECROSIS, pathology/ MATERNAL AGE/ *RENAL VEINS, pathology/ THROMBOSIS, congenital/ *THROMBOSIS, pathology

1852. **Cucuianu MP, Miloszewski K, Porutiu D, et al:** Plasma factor XIII and platelet factor XIII in hyperlipaemia.
Thromb Haemostas 36(3):542–50, 31 Dec 76
ADULT/ AGED/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS, analysis/ *FACTOR XIII, analysis/ FEMALE/ HUMAN/ *HYPERLIPEMIA, blood/ MALE/ MIDDLE AGE/ PSEUDOCHOLINESTERASE, blood/ THROMBOCYTOSIS, blood

1853. **Cuglola L, Colognese L:** Aspetti clinico-terapeutici delle semiamputazioni agli arti Clin Ortop 25(3):156–64, Jul–Sep 74 (Eng. Abstr.) **(Ita)**
ACCIDENTS, TRAFFIC/ ADOLESCENCE/ ADULT/ *AMPUTATION, TRAUMATIC, surgery/ ARM INJURIES, surgery/ CASE REPORT/ ENGLISH ABSTRACT/ FINGER INJURIES, surgery/ HUMAN/ LEG INJURIES, surgery/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ REIMPLANTATION, methods/ THROMBOSIS, prevention & control

1854. **Cullen DJ, Ferrara LC, Gilbert J, et al:** Indicators of intensive care in critically ill patients. Crit Care Med 5(4):173–9, Jul–Aug 77
ACID-BASE IMBALANCE, diagnosis/ ADULT/ AGE FACTORS/ AGED/ ANTI-ARRHYTHMIA AGENTS, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD UREA NITROGEN/ CARDIAC OUTPUT/ CONSCIOUSNESS/ CREATININE, metabolism/ *CRITICAL CARE/ HUMAN/ KIDNEY FAILURE, ACUTE, diagnosis/ MIDDLE AGE/ OXYGEN, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1855. **Cullen MJ, Pluskal MG:** Early changes in the ultrastructure of denervated rat skeletal muscle. Exp Neurol 56(1):115–31, Jul 77
ANIMAL/ CATHEPSIN, metabolism/ CELL MEMBRANE, ultrastructure/ ENDOPLASMIC RETICULUM, ultrastructure/ FINGERS/ GOLGI APPARATUS, physiology/ LYSOSOMES, ultrastructure/ MUSCLE DENERVATION/ MUSCLES, enzymology/ *MUSCLES, ultrastructure/ PEPTIDE HYDROLASES, metabolism/ RATS/ RECEPTORS, DRUG/ RIBOSOMES, ultrastructure

1856. **Cunliffe DJ, Gorst DW, Palmer HM:** Chlorpropamide-induced thrombocytopenia.
Postgrad Med J 53(616):87–8, Feb 77
ANTIBODIES, analysis/ BLOOD PLATELETS, immunology/ CASE REPORT/ *CHLORPROPAMIDE, adverse effects/ CHLORPROPAMIDE, immunology/ COOMBS' TEST/ FEMALE/ HUMAN/ MIDDLE AGE/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, immunology

1857. **Cunningham A, Wang HM, Jones SR, et al:** Amino acid sequence of penicillopepsin. IV. Myxobacter AL-1 protease II and Staphylococcus aureus protease fragments and homology with pig pepsin and chymosin.
Can J Biochem 54(10):902–14, Oct 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ MYXOBACTERALES, enzymology/ PENICILLINS/ PEPSIN/ *PEPTIDE HYDROLASES/ *PEPTIDE PEPTIDOHYDROLASES/ RENNIN/ SPECIES SPECIFICITY/ STAPHYLOCOCCUS AUREUS, enzymology/ SWINE

1858. **Cuocolo R, Brancadoro V, Di Lieto A, et al:** Valutazione clinica dell'acetilsalicilato di lisina nell'analgesia del parto Minerva Ginecol 28(5):396–406, May 76 (Eng. Abstr.) **(Ita)**
ADULT/ *ANESTHESIA, OBSTETRICAL/ *ASPIRIN, analogs & derivatives/ ASPIRIN, administration & dosage/ ASPIRIN, adverse effects/ BLOOD COAGULATION, drug effects/ CARDIOVASCULAR SYSTEM, drug effects/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ FETUS, drug effects/ HUMAN/ *LYSINE, analogs & derivatives/ LYSINE, administration & dosage/ PREGNANCY/ UTERINE CONTRACTION, drug effects

1859. **Curless RG, Corrigan JJ Jr:** Headache in classical hemophilia. The risk of diagnostic procedures. Childs Brain 2(3):187–94, 1976
CASE REPORT/ CEREBRAL ANGIOGRAPHY, methods/ CEREBRAL HEMORRHAGE, complications/ CEREBRAL HEMORRHAGE, diagnosis/ CHILD/ CHILD, PRESCHOOL/ HEADACHE, diagnosis/ *HEADACHE, etiology/ *HEMOPHILIA, complications/ HUMAN/ MALE/ SPINAL PUNCTURE, adverse effects

1860. **Currie WR, Kaegi A:** Rebound thrombocytosis after alcohol abuse [letter] Lancet 1(8026):1369, 25 Jun 77
*ALCOHOLISM, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS, pathology/ HUMAN/ PLATELET AGGREGATION/ *THROMBOCYTOSIS, blood/ THROMBOCYTOSIS, etiology

1861. **Curry JT, Zallen RD:** Numb-chin syndrome secondary to a spontaneous hemorrhage into a mandibular cyst: report of case. J Am Dent Assoc 94(1):116–9, Jan 77
*BONE CYST, complications/ BONE CYST, pathology/ CASE REPORT/ *CHIN/ FACTOR VIII, therapeutic use/ *HEMORRHAGE, complications/ HUMAN/ *LIP DISEASES, etiology/ MALE/ *MANDIBULAR DISEASES, complications/ MANDIBULAR DISEASES, pathology/ MIDDLE AGE/ *PARESTHESIA, etiology

1862. **Curry RC Jr, Roberts WC:** Status of the coronary arteries in the nephrotic syndrome. Analysis of 20 necropsy patients aged 15 to 35 years to determine if coronary atherosclerosis is accelerated. Am J Med 63(2):183–92, Aug 77
ADOLESCENCE/ ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ BLOOD COAGULATION DISORDERS, complications/ CORONARY DISEASE, complications/ CORONARY DISEASE, etiology/ *CORONARY DISEASE, pathology/ *CORONARY VESSELS, pathology/ FEMALE/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERTENSION, complications/ MALE/ NEPHROTIC SYNDROME, complications/ NEPHROTIC SYNDROME, drug therapy/ NEPHROTIC SYNDROME, etiology/ *NEPHROTIC SYNDROME, pathology

1863. **Curtin MJ, Milligan FD:** Mallory-Weiss syndrome with esophageal obstruction secondary to adherent intraluminal thrombus. AJR 129(3):508–10, Sep 77
ADULT/ CASE REPORT/ *ESOPHAGEAL STENOSIS, etiology/ ESOPHAGEAL STENOSIS, radiography/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE/ MALLORY-WEISS SYNDROME, complications/ *MALLORY-WEISS SYNDROME, radiography/ *THROMBOSIS, complications/ THROMBOSIS, radiography

1864. **Curtis CG, Lorand L:** Fibrin-stabilizing factor (factor XIII). Methods Enzymol 45:177–91, 1976
ANIMAL/ CATIONS, DIVALENT/ ENZYME ACTIVATION/ *FACTOR XIII, metabolism/ FIBRIN/ FLUORESCENT DYES/ MACROMOLECULAR SYSTEMS/ METHODS/ MOLECULAR WEIGHT/ SPECTROMETRY, FLUORESCENCE

1865. **Curtis JR:** Diseases of the urinary system. Drug-induced renal disorders: I. Br Med J 2(6081):242–4, 23 Jul 77
AMINOGLYCOSIDES, adverse effects/ ANESTHETICS, adverse effects/ ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ CLOFIBRATE, adverse effects/ CONTRAST MEDIA, adverse effects/ HUMAN/ *KIDNEY DISEASES, chemically induced/ SULFONAMIDES, adverse effects

1866. **Curtiss LK, DeHeer DH, Edgington TS:** In vivo suppression of the primary immune response by a species of low density serum lipoprotein. J Immunol 118(2):648–52, Feb 77
ANIMAL/ ANTIBODY FORMATION/ ANTIGENS/ DOSE-RESPONSE RELATIONSHIP, IMMUNOLOGIC/ ERYTHROCYTES, immunology/ FIBRINOGEN, immunology/ HEMOLYTIC PLAQUE TECHNIC/ HUMAN/ *IMMUNITY/ *IMMUNOSUPPRESSION/ LIPOPROTEINS, HDL, immunology/ *LIPOPROTEINS, LDL, immunology/ MICE/ SHEEP/ SPECIES SPECIFICITY/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1867. **Curtoni ES, Gabrielli A:** Platelet transfusion. Haematologica (Pavia) 61(4):498–510, Dec 76
ANTIBODY FORMATION/ *BLOOD PLATELETS/ BLOOD PLATELETS, immunology/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ HL-A/ HUMAN

1868. **Cusick JF, Walsh P:** Alleviation of primary fibrinolysis after hypophysectomy. Am Surg 42(12):914–6, Dec 76
AGED/ *BLOOD COAGULATION DISORDERS, surgery/ BONE NEOPLASMS/ CASE REPORT/ *FIBRINOLYSIS/ HUMAN/ *HYPOPHYSECTOMY/ MALE/ NEOPLASM METASTASIS/ PALLIATIVE TREATMENT/ *PROSTATIC NEOPLASMS, blood/ PROSTATIC NEOPLASMS, surgery

1869. **Cusimano VJ, Sakar DV:** Uptake and release of 5-hydroxytryptamine by rabbit platelets. I. Thermodynamic studies. Biochem Med 17(3):258–66, Jun 77
ANIMAL/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ GLUCOSE, pharmacodynamics/ KINETICS/ MALE/ RABBITS/ *SEROTONIN, blood/ TEMPERATURE/ THERMODYNAMICS

1870. **Cusimano VJ, Sankar DV:** Uptake and release of 5-hydroxytryptamine by rabbit platelets. II. Kinetic analysis of inhibition by chlorpheniramine maleate. Biochem Med 17(3):267–74, Jun 77
ANIMAL/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ *CHLORPHENIRAMINE, analogs & derivatives/ CHLORPHENIRAMINE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ KINETICS/ MALE/ RABBITS/ *SEROTONIN, metabolism/ TEMPERATURE/ THERMODYNAMICS

1871. **Cuteudache C, Boldescu G, Gorun V:** Modificări ale hemostazei în perioada postoperatorie. Rev Chir [Chir] 26(2):129–35, Mar-Apr 77 (Eng. Abstr.) **(Rum)**
ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, prevention & control/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HUMAN/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS/ *SURGERY, OPERATIVE, adverse effects/ THROMBOSIS, prevention & control

1872. **Cutler D, Hernandez B, Quintero R, et al:** Ten years experience with mesenteric artery thrombosis. Am J Proctol 27(5):43–8, Oct 76
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *MESENTERIC ARTERIES/ MESENTERIC ARTERIES, radiography/ MIDDLE AGE/ *THROMBOSIS/ THROMBOSIS, radiography

1873. **Cuzner ML, Barnard RO, MacGregor BJ, et al:** Myelin composition in acute and chronic multiple sclerosis in relation to cerebral lysosomal activity. J Neurol Sci 29(2–4):323–34, Oct 76
ADOLESCENCE/ ADULT/ *BRAIN CHEMISTRY/ BRAIN STEM, pathology/

FEMALE/ FRONTAL LOBE, pathology/ GLUCURONIDASE, analysis/ HUMAN/ *LYSOSOMES, enzymology/ MALE/ *MULTIPLE SCLEROSIS, metabolism/ MULTIPLE SCLEROSIS, pathology/ MYELIN PROTEINS, analysis/ *MYELIN SHEATH, analysis/ NERVE TISSUE PROTEINS, analysis/ PEPTIDE HYDROLASES, analysis

1874. **Cylwik B, Maternik Z:** Zakrzepica żył nerkowych i zawał krwotoczny nerek w przebiegu posocznicy i zespłu Waterhouse i Friderichsena. Wiad Lek 30(13):1043–6, 1 Jul 77 (Eng. Abstr.) **(Pol)**
ADRENAL GLANDS, pathology/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, pathology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, pathology/ *INFARCTION, pathology/ KIDNEY, blood supply/ KIDNEY, pathology/ *RENAL VEINS/ *SEPTICEMIA, pathology/ *THROMBOSIS, pathology/ *WATERHOUSE-FRIDERICHSEN SYNDROME, pathology

1875. **Czech MP:** Current status of the thiol redox model for the regulation of hexose transport by insulin. J Cell Physiol 89(4):661–8, Dec 76
*ADIPOSE TISSUE, cytology/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CELLS, CULTURED/ CYTOCHALASIN B, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ FEMALE/ *HEXOSES, metabolism/ *INSULIN, pharmacodynamics/ METHYLGLUCOSIDES, metabolism/ *MODELS, BIOLOGICAL/ RATS/ RECEPTORS, INSULIN, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K, pharmacodynamics

1876. **Czech W, Hohenberg G:** Die Saugaufnahme im Rahmen der Mammographie Roentgenblaetter 30(3):139–51, Mar 77 (Eng. Abstr.) **(Ger)**
BREAST DISEASES, radiography/ BREAST NEOPLASMS, radiography/ CYSTS, radiography/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, radiography/ HUMAN/ MAMMOGRAPHY, instrumentation/ *MAMMOGRAPHY, methods/ SUCTION

1877. **Czernicki Z:** Wpyw środko-kmow wzmacniających ścianę naczyń oraz inhibitora proteaz Trasyloly na doświadczalny obrzęk mózgu. Neurol Neurochir Pol 11(4):457–60, Jul–Aug 77 **(Pol)**
ANIMAL/ *BIOFLAVONOIDS, pharmacodynamics/ *BLOOD VESSELS, drug effects/ *BRAIN EDEMA, physiopathology/ *BRAIN, blood supply/ CATS/ CEREBROVASCULAR CIRCULATION/ COMPARATIVE STUDY/ DRUG COMBINATIONS/ *ESCIN, pharmacodynamics/ *ESCULIN, pharmacodynamics/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MALE/ RABBITS/ *RUTIN, pharmacodynamics/ *SAPONINS, pharmacodynamics

1878. **Cziráki L, Oó M:** Kombinierte Leukeran-Prednisolon-Therapie bei metastasierendem Mammakarzinom Fortschr Med 95(15):1043–6, 21 Apr 77 **(Ger)**
*ADENOCARCINOMA, drug therapy/ ADULT/ AGED/ *BREAST NEOPLASMS, drug therapy/ CHLORAMBUCIL, administration & dosage/ *CHLORAMBUCIL, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ LEUKOPENIA, prevention & control/ MIDDLE AGE/ NEOPLASM METASTASIS/ PREDNISOLONE, administration & dosage/ *PREDNISOLONE, therapeutic use/ THROMBOPENIA, prevention & control

D

1879. **Dabbous MK, Sobhy C, Roberts AN, et al:** Changes in the collagenolytic activity released by primary VX-2 carcinoma cultures as a function of tumor growth. Mol Cell Biochem 16(1):37–42, 31 May 77
CELL DIVISION/ *CLOSTRIDIOPEPTIDASE A, metabolism/ COLLAGEN, metabolism/ CULTURE MEDIA/ ENZYME ACTIVATION/ ENZYME PRECURSORS, metabolism/ HYDROLYSIS/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS, EXPERIMENTAL/ RABBITS/ TIME FACTORS/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1880. **Dąbrowski R, Maśliński C, Olczak A:** The role of histamine in wound healing I. The effect of high doses of histamine on collagen and glycosoaminoglycan content in wounds. Agents Actions 7(2):219–24, Jul 77
ANIMAL/ CHONDROITIN SULFATES, metabolism/ *COLLAGEN, metabolism/ DERMATAN SULFATE, metabolism/ GLYCOSAMINOGLYCANS, metabolism/ HEPARIN, metabolism/ *HISTAMINE, pharmacodynamics/ HYALURONIC ACID, metabolism/ MALE/ *MUCOPOLYSACCHARIDES, metabolism/ RATS/ SOLUBILITY/ TIME FACTORS/ *WOUND HEALING, drug effects/ *WOUNDS AND INJURIES, metabolism

1881. **Dadd M, Kossoff G, Hughes H:** An unusual flat interface in orbital ultrasonic examinations. Ultrasound Med Biol 2(3):213–17, Jun 76
CASE REPORT/ CHILD/ FEMALE/ *HAMARTOMA, diagnosis/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ INFANT/ *LYMPHANGIOMA, diagnosis/ MALE/ *ORBITAL NEOPLASMS, diagnosis/ *ULTRASONICS, diagnostic use

1882. **Dady PJ, Gazet JC, Ford HT, et al:** Combination chemotherapy for thrombocytopenia with bone marrow metastases from breast cancer. Br Med J 1(6060):554, 26 Feb 77
*ADRIAMYCIN, therapeutic use/ ADULT/ *BONE MARROW DISEASES, drug therapy/ *BREAST NEOPLASMS, drug therapy/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ MIDDLE AGE/ NEOPLASM METASTASIS/ *PREDNISOLONE, therapeutic use/ *THROMBOPENIA, drug therapy/ *VINCRISTINE, therapeutic use

1883. **Dagan R, Horowitz J, Sobel R, et al:** [Acute adrenal insufficiency complicating anticoagulant therapy] Harefuah 91(5–6):126–7, Sep 76 (Eng. Abstr.) **(Heb)**
ACUTE DISEASE/ ADRENAL GLAND DISEASES, chemically induced/ *ADRENAL GLAND HYPOFUNCTION, chemically induced/ ADRENAL GLAND HYPOFUNCTION, diagnosis/ CASE REPORT/ ENGLISH ABSTRACT/ HEMORRHAGE, chemically induced/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN

1884. **Dagan R, Horowitz J, Sobel R, et al:** [Acute adrenal insufficiency complicating anticoagulant therapy] Harefuah 91(5–6):126–7, Sep 76 (Eng. Abstr.) **(Heb)**
ADRENAL GLAND DISEASES, chemically induced/ *ADRENAL GLAND HYPOFUNCTION, chemically induced/ ADRENAL GLAND HYPOFUNCTION, diagnosis/ CASE REPORT/ ENGLISH ABSTRACT/ HEMORRHAGE, chemically induced/ *HEPARIN, adverse effects/ HUMAN

1885. **Dagenais GR, Jalbert B:** Effect of increased free fatty acids on myocardial oxygen extraction and angina threshold during atrial pacing. Circulation 56(2):315–9, Aug 77
ADULT/ ANGINA PECTORIS, blood/ *ANGINA PECTORIS, metabolism/ ANGINA PECTORIS, physiopathology/ BLOOD PRESSURE/ ELECTROCARDIOGRAPHY/ FATTY ACIDS, NONESTERIFIED, blood/ *FATTY ACIDS, NONESTERIFIED, pharmacodynamics/ FEMALE/ HEART RATE/ HEPARIN, pharmacodynamics/ HUMAN/ LACTATES, blood/ MALE/ MIDDLE AGE/ *MYOCARDIUM, metabolism/ *OXYGEN CONSUMPTION/ OXYGEN, blood/ *PACEMAKER, ARTIFICIAL/ PHOSPHATES, blood

1886. **Dagorn JC, Sahel J, Sarles H:** Nonparallel secretion of enzymes in human duodenal juice and pure pancreatic juice collected by endoscopic retrograde catheterization of the papilla. Gastroenterology 73(1):42–5, Jul 77

AMYLASE, secretion/ CHOLECYSTOKININ, diagnostic use/ CHYMOTRYPSIN, secretion/ *DUODENUM, enzymology/ *ENDOSCOPY, methods/ FEMALE/ HUMAN/ *INTUBATION, GASTROINTESTINAL, methods/ LIPASE, secretion/ MALE/ METHODS/ *PANCREAS, secretion/ *PANCREATIC JUICE, enzymology/ SPECIMEN HANDLING/ STIMULATION, CHEMICAL/ *VATER'S AMPULLA

1887. **Dahl H:** Human interferon and cell growth inhibition. II. Biological and physico-chemical properties of the growth inhibitory component.
Acta Pathol Microbiol Scand [B] 85B(1):54–60, Feb 77
ANIMAL/ *CELL DIVISION, drug effects/ *CELLS, CULTURED, drug effects/ CHROMATOGRAPHY, AGAROSE/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTERFERON, analysis/ INTERFERON, isolation & purification/ *INTERFERON, pharmacodynamics/ LEUKOCYTES, analysis/ MICE/ MOLECULAR WEIGHT/ PRONASE, pharmacodynamics/ TRYPSIN, pharmacodynamics

1888. **Dahl JR, Freed TA, Burke MF:** Popliteal vein aneurysm with recurrent pulmonary thromboemboli. JAMA 236(22):2531–2, 29 Nov 76
*ANEURYSM, complications/ ANEURYSM, surgery/ CASE REPORT/ FEMALE/ HUMAN/ MIDDLE AGE/ *POPLITEAL VEIN/ *PULMONARY EMBOLISM, complications/ RECURRENCE/ *THROMBOEMBOLISM, complications

1889. **Dahl K, McKinley-McKee J, Jörnvall H:** Chemical modification of liver alcohol dehydrogenase with alpha-bromo-beta-(5-imidazolyl) propionic acid.
FEBS Lett 71(2):287–90, 1 Dec 76
*ALCOHOL OXIDOREDUCTASES/ ALCOHOL OXIDOREDUCTASES, metabolism/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ CHYMOTRYPSIN/ HORSES/ *IMIDAZOLES, pharmacodynamics/ KINETICS/ *LIVER, enzymology/ PEPTIDE FRAGMENTS, analysis/ PROPIONIC ACIDS, pharmacodynamics/ PROTEIN BINDING

1890. **Dahlbäck LO, Rais O:** Aorto-iliac arterial thrombosis in young women. Report of 3 cases. Acta Chir Scand 143(2):127–30, 1977
ADULT/ *AORTA, ABDOMINAL/ *ARTERIAL OCCLUSIVE DISEASES, etiology/ CASE REPORT/ CONTRACEPTIVES, ORAL, COMBINED, adverse effects/ FEMALE/ HUMAN/ *ILIAC ARTERY/ ILIAC ARTERY, radiography/ SMOKING, complications/ *THROMBOSIS, etiology

1891. **Dahlmann W:** Thrombolytische Therapie thromb-embolischer Gefässverschlüsse im Carotis-interna-Stromgebiet Hippokrates 48(1):89–90, Feb 77 **(Ger)**
*CAROTID ARTERY THROMBOSIS, drug therapy/ *CAROTID ARTERY, INTERNAL/ HUMAN/ *STREPTOKINASE, therapeutic use/ *THROMBOEMBOLISM, drug therapy

1892. **Dahr W, Uhlenbruck G, Wagstaff W, et al:** Studies on the membrane glycoprotein defect of En(a-) erythrocytes. II. MN antigenic properties of En(a-) erythrocytes.
J Immunogenet 3(6):383–93, Dec 76
*BLOOD GROUPS/ CHYMOTRYPSIN, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLAND/ ERYTHROCYTE MEMBRANE, immunology/ FINLAND/ *GLYCOPROTEINS/ HEMAGGLUTINATION TESTS/ HUMAN/ MEMBRANE PROTEINS/ *MNSS BLOOD-GROUP SYSTEM/ TRYPSIN, pharmacodynamics

1893. **Daiber A, Docolomansky V, Anguita T, et al:** Efectos de la heparina sobre el complemento Rev Med Chil 104(12):875–9, Dec 76 (Eng. Abstr.) **(Spa)**
*COMPLEMENT, antagonists & inhibitors/ ENGLISH ABSTRACT/ FEMALE/ HEMOGLOBINURIA, PAROXYSMAL, immunology/ *HEMOLYSIS, drug effects/ *HEPARIN, pharmacodynamics/ HUMAN

1894. **Daicker B:** Pathologische Anatomie der arteriellen und venösen Gefässverschlüsse in der Netzhaut
Klin Monatsbl Augenheilkd 170(2):198–211, Feb 77 (Eng. Abstr.) **(Ger)**
ARTERIAL OCCLUSIVE DISEASES, pathology/ CAPILLARIES, pathology/ EMBOLISM, pathology/ ENGLISH ABSTRACT/ HUMAN/ *RETINAL ARTERY, pathology/ RETINAL DISEASES, etiology/ *RETINAL DISEASES, pathology/ *RETINAL VEIN, pathology/ THROMBOPHLEBITIS, pathology/ VASCULAR DISEASES, etiology/ VASCULAR DISEASES, pathology/ VENOUS INSUFFICIENCY, pathology

1895. **Daimon T, Uchida K, Mizuhira V:** Ultrastructural localization of acid protein polysaccharides and calcium in the vacuoles of the chicken thrombocyte.
Histochemistry 52(1):25–32, 20 Apr 77
ANIMAL/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, ultrastructure/ *CALCIUM, blood/ *CHICKENS, blood/ HISTOCYTOCHEMISTRY/ MALE/ METHODS/ MICROSCOPY, ELECTRON/ *MUCOPOLYSACCHARIDES, blood/ *ORGANOIDS, analysis/ *VACUOLES, analysis/ VACUOLES, ultrastructure

1896. **Dajani YF:** Hematuria in patients on anticoagulants [letter]
N Engl J Med 297(4):222, 28 Jul 77
*ANTICOAGULANTS, adverse effects/ CASE REPORT/ FEMALE/ HEMATOMA, chemically induced/ *HEMATURIA, chemically induced/ HUMAN/ KIDNEY DISEASES, chemically induced/ KIDNEY, CYSTIC, complications/ MIDDLE AGE/ WARFARIN, adverse effects

1897. **Dale C, Hurley JV:** An electron-microscope study of the mechanism of bleeding in experimental thrombocytopenia.
J Pathol 121(4):193–204, Apr 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *CAPILLARY PERMEABILITY/ ENDOTHELIUM, ultrastructure/ GUINEA PIGS/ *HEMORRHAGE, pathology/ INTERCELLULAR JUNCTIONS, ultrastructure/ LUNG, blood supply/ MALE/ MICE/ MUSCLES, blood supply/ RATS/ *THROMBOPENIA, pathology

1898. **Dale J, Myhre E:** Emboliprofylakse med acetylsalicyclsyre og antikoagulantia hos pasienter med kungstige hjerteklapper Tidsskr Nor Laegeforen 96(28):1483–5, 10 Oct 76 (Eng. Abstr.) **(Nor)**
ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ *ASPIRIN, therapeutic use/ CLINICAL RESEARCH/ DRUG THERAPY, COMBINATION/ *EMBOLISM, prevention & control/ ENGLISH ABSTRACT/ FEMALE/ *HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MALE/ MIDDLE AGE

1899. **Dale J:** Arterial thromboembolic complications in patients with Björk-Shiley and Lillehei-Kaster aortic disc valve prostheses. Am Heart J 93(6):715–22, Jun 77
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ *AORTIC VALVE, surgery/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ CEREBRAL EMBOLISM AND THROMBOSIS, mortality/ COMPARATIVE STUDY/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, mortality/ HUMAN/ MALE/ MIDDLE AGE/ NORWAY/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, mortality/ THROMBOEMBOLISM, prevention & control

1900. **Dale J, Myhre E, Storstein O, et al:** Prevention of arterial thromboembolism with acetylsalicylic acid. A controlled clinical study in patients with aortic ball valves.
Am Heart J 94(1):101–11, Jul 77
ADULT/ AGED/ *AORTIC VALVE/ *ASPIRIN, therapeutic use/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DRUG EVALUATION/ FEMALE/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ PLACEBOS/ *THROMBOEMBOLISM, prevention & control

1901. **Dale J, Myhre E:** Platelet functions in patients with aortic

ball valves. Am Heart J 94(3):359–66, Sep 77
*AORTIC VALVE/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, physiology/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEMOLYSIS/ HUMAN/ LACTATE DEHYDROGENASE, blood/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ THROMBOEMBOLISM, blood/ THROMBOEMBOLISM, etiology

1902. **Dale WA, Lewis MR:** Further experiences with bovine arterial grafts. Surgery 80(6):711–21, Dec 76
ANEURYSM, etiology/ ANIMAL/ *ARTERIES, transplantation/ AXILLARY ARTERY, surgery/ CATTLE/ FEMORAL ARTERY, surgery/ HUMAN/ ILIAC ARTERY, surgery/ *LEG, blood supply/ POPLITEAL ARTERY, surgery/ POSTOPERATIVE COMPLICATIONS/ RETROSPECTIVE STUDIES/ SURGICAL WOUND INFECTION, etiology/ *THROMBOSIS, surgery/ *TRANSPLANTATION, HETEROLOGOUS

1903. **Dalen AB:** Proteolytic degradation of staphylococcal alpha-toxin. Acta Pathol Microbiol Scand [B] 84B(5):309–14, Oct 76
ALKALIES/ CHROMATOGRAPHY, GEL/ CHYMOTRYPSIN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ HEAT/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PRECIPITATION/ *STAPHYLOCOCCUS AUREUS/ TRYPSIN

1904. **Dalen AB:** Spontaneous alpha-toxin mutants of Staphylococcus aureus.
Acta Pathol Microbiol Scand [B] 84B(6):333–8, Dec 76
BACTERIAL PROTEINS, analysis/ BACTERIAL TOXINS, analysis/ *BACTERIAL TOXINS, biosynthesis/ BACTERIOPHAGE TYPING/ COAGULASE, metabolism/ CULTURE MEDIA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRINOLYSIN, biosynthesis/ GEL DIFFUSION TESTS/ HEAT/ HEMOLYTIC PLAQUE TECHNIC/ HYALURONIDASE, metabolism/ LIPASE, metabolism/ MUTATION/ STAPHYLOCOCCUS AUREUS, enzymology/ *STAPHYLOCOCCUS AUREUS, metabolism

1905. **Dalen JE, Haffajee CI, Alpert JS 3d, et al:** Pulmonary embolism, pulmonary hemorrhage and pulmonary infarction. N Engl J Med 296(25):1431–5, 23 Jun 77
ANGIOGRAPHY/ AUSCULTATION/ HEART DISEASES, complications/ *HEMORRHAGE, diagnosis/ HUMAN/ INFARCTION, pathology/ *LUNG DISEASES, diagnosis/ LUNG, pathology/ MODELS, BIOLOGICAL/ PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, pathology/ PULMONARY EMBOLISM, radiography

1906. **Dalessio DJ:** Use of platelet antagonists in the treatment of migraine [editorial]. Headache 16(3):129–30, Jul 76
*ASPIRIN, therapeutic use/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ *DIPYRIDAMOLE, therapeutic use/ *MIGRAINE, drug therapy/ PLATELET AGGREGATION, drug effects/ *SULFINPYRAZONE, therapeutic use

1907. **Dalichau H, Huhmann W, Lichtlen P, et al:** Klinische und hämodynamische Untersuchungen über die Brauchbarkeit der Starr-Edwards-Dickusklappen in Mitralposition Thoraxchirurgie 24(5):401–5, Oct 76 (Eng. Abstr.) **(Ger)**
BLOOD PRESSURE/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ GERMANY, WEST/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, standards/ HEMOLYSIS/ HUMAN/ *MITRAL VALVE, surgery/ RETROSPECTIVE STUDIES/ THROMBOEMBOLISM, complications/ THROMBOEMBOLISM, occurrence/ TIME FACTORS

1908. **Dalinka MK, Brennan RE, Canino C:** Double contrast knee arthrography in children. Clin Orthop (125):88–93, Jun 77
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ CYSTS, radiography/ FEMALE/ HEMOPHILIA/ HUMAN/ *JOINT DISEASES, radiography/ *KNEE JOINT, radiography/ MALE/ OSTEOCHONDRITIS, radiography/ PATELLA, abnormalities/ TIBIA, abnormalities

1909. **Dalldorf FG, Jennette JC:** Fatal meningococcal septicemia. Arch Pathol Lab Med 101(1):6–9, Jan 77
ADOLESCENCE/ ADRENAL GLANDS, pathology/ ADULT/ ASPIRIN, therapeutic use/ CASE REPORT/ FEMALE/ HUMAN/ INFANT/ KIDNEY, pathology/ LUNG, pathology/ MENINGOCOCCAL INFECTIONS, complications/ MENINGOCOCCAL INFECTIONS, drug therapy/ *MENINGOCOCCAL INFECTIONS, pathology/ SEPTICEMIA, drug therapy/ SEPTICEMIA, etiology/ *SEPTICEMIA, pathology/ THROMBOSIS, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1910. **Daly JJ, Schiller AL:** The liver in hereditary hemorrhagic telangiectasia (Osler-Weber-Rendu disease). Am J Med 60(5):723–6, 10 May 76
AGED/ AUTOPSY/ CARCINOMA, complications/ CASE REPORT/ CONNECTIVE TISSUE, pathology/ EPISTAXIS, complications/ FEMALE/ HEART DISEASES, complications/ HEMANGIOMA, complications/ HUMAN/ *LIVER, pathology/ MALE/ MIDDLE AGE/ STOMACH NEOPLASMS, complications/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, complications/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, familial & genetic/ *TELANGIECTASIA, HEREDITARY HEMORRHAGIC, pathology

1911. **Daly RF, Patau K, Therman E, et al:** Structure and Barr body formation of an Xp + chromosome with two inactivation centers. Am J Hum Genet 29(1):83–93, Jan 77
ADOLESCENCE/ CASE REPORT/ *CONVULSIONS, complications/ FEMALE/ HUMAN/ *MOSAICISM/ QUINACRINE/ *SEX CHROMATIN, ultrastructure/ SEX CHROMOSOME ABNORMALITIES/ *SEX CHROMOSOMES, ultrastructure/ *TURNER'S SYNDROME, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND'S DISEASE, complications

1912. **Dam H:** Vitamins E and K. Prog Food Nutr Sci 1(2):139–43, 1975
ADULT/ ANEMIA, MACROCYTIC, complications/ ANIMAL/ CHILD/ HUMAN/ HYPOPROTHROMBINEMIAS, complications/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, complications/ INFANT, PREMATURE, DISEASES/ JAUNDICE, OBSTRUCTIVE, complications/ MALABSORPTION SYNDROMES, complications/ MALE/ PROTEIN-CALORIE MALNUTRITION, complications/ *VITAMIN E DEFICIENCY/ VITAMIN E DEFICIENCY, complications/ VITAMIN E, adverse effects/ VITAMIN E, metabolism/ *VITAMIN K DEFICIENCY/ VITAMIN K DEFICIENCY, complications/ VITAMIN K, adverse effects/ VITAMIN K, metabolism

1913. **Damasio H:** Migraine, thrombocytopenia, and serotonin metabolism [letter] Lancet 2(8036):512–3, 3 Sep 77
ADULT/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, blood/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, complications/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, pathology/ CASE REPORT/ CELL COUNT/ FEMALE/ HUMAN/ MIGRAINE, blood/ *MIGRAINE, etiology/ *SEROTONIN, blood/ *THROMBOPENIA, complications

1914. **Damaske E:** Oculocerebrales Rankenangiom in Kombination mit einer Hemihypertrophie des rechten Beines, Naevus Sebaceus Linearis und multiplen Knochensysten. Bericht über eine bisher noch nicht beschriebene Phakomatose Ber Dtsch Ophthalmol Ges 74:856–62, 1977 **(Ger)**
BONE CYST, complications/ *BONE NEOPLASMS, complications/ CASE REPORT/ CHILD/ FEMALE/ *HAMARTOMA, complications/ *HEMANGIOMA, complications/ HUMAN/ HYPERTROPHY/ LEG/ NEVUS,

complications

1915. **D'Amore P, Shepro D:** Stimulation of growth and calcium influx in cultured, bovine, aortic endothelial cells by platelets and vasoactive substances. J Cell Physiol 92(2):177–83, Aug 77
*ADRENERGIC BETA RECEPTOR AGONISTS, pharmacodynamics/ AORTA/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *BLOOD PLATELETS, physiology/ *CALCIUM, metabolism/ CELL DIVISION, drug effects/ CELLS, CULTURED/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ENDOTHELIUM, cytology/ EPINEPHRINE, pharmacodynamics/ *HISTAMINE, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ LANTHANUM, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ *SEROTONIN, pharmacodynamics/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1916. **Damude LC, Cope DA, Roach MR:** The effects of enzymatic digestion on the elastic properties of isolated human cerebral arteries. Can J Physiol Pharmacol 55(2):161–9, Apr 77
ADULT/ AGED/ CEREBRAL ARTERIES, anatomy & histology/ CEREBRAL ARTERIES, drug effects/ *CEREBRAL ARTERIES, physiology/ CHYMOTRYPSIN, pharmacodynamics/ DRUG INTERACTIONS/ ELASTICITY/ ELASTIN, physiology/ FEMALE/ HUMAN/ IN VITRO/ MALE/ MIDDLE AGE/ PANCREATOPEPTIDASE, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ TIME FACTORS/ TRYPSIN, pharmacodynamics

1917. **Damus PS, Rosenberg RD:** Antithrombin–heparin cofactor. Methods Enzymol 45:653–69, 1976
*ALPHA GLOBULINS/ ALPHA GLOBULINS, isolation & purification/ ANIMAL/ ANTITHROMBINS/ BLOOD COAGULATION TESTS/ BLOOD PROTEIN ELECTROPHORESIS/ CHROMATOGRAPHY, AFFINITY/ ENZYME ACTIVATION/ *HEPARIN CO-FACTOR/ HEPARIN CO-FACTOR, isolation & purification/ HUMAN/ MACROMOLECULAR SYSTEMS/ METHODS/ MOLECULAR WEIGHT/ SPECIES SPECIFICITY/ THROMBIN, metabolism

1918. **Dana B, Ellman L, Carvalho A, et al:** Plasma heparin neutralizing activity in patients with valvular stenosis and prosthetic heart valves. J Cardiovasc Surg (Torino) 18(1):29–34, Jan–Feb 77
*AORTIC VALVE STENOSIS, blood/ *AORTIC VALVE/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS/ FEMALE/ *HEART VALVE PROSTHESIS/ HUMAN/ MALE/ *MITRAL VALVE STENOSIS, blood/ *MITRAL VALVE/ *PLATELET FACTOR 4, analysis/ THROMBOEMBOLISM, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1919. **Dancey GF, Shapiro BM:** The NADH dehydrogenase of the respiratory chain of Escherichia coli. II. Kinetics of the purified enzyme and the effects of antibodies elicited against it on membrane-bound and free enzyme. J Biol Chem 251(19):5921–8, 10 Oct 76
ANTIBODIES/ CELL MEMBRANE, enzymology/ *ESCHERICHIA COLI, enzymology/ FERRICYANIDES, pharmacodynamics/ FAD, pharmacodynamics/ GEL DIFFUSION TESTS/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ KINETICS/ NAD, pharmacodynamics/ NADH, NADPH OXIDOREDUCTASES, immunology/ *NADH, NADPH OXIDOREDUCTASES, metabolism/ OXYGEN CONSUMPTION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VITAMIN K, pharmacodynamics/ 2,6-DICHLOROINDOPHENOL, pharmacodynamics

1920. **Danes BS:** Expression of the cystic fibrosis genotype in cultured somatic cells. Tex Rep Biol Med 34(1):135–50, 1976
CELL MEMBRANE, metabolism/ CELLS, CULTURED/ *CYSTIC FIBROSIS, familial & genetic/ CYSTIC FIBROSIS, metabolism/ CYSTIC FIBROSIS, pathology/ FIBROBLASTS, metabolism/ GENOTYPE/ HEPARIN, metabolism/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ HYBRID CELLS/ LEUKOCYTES, metabolism/ LYSOSOMES, metabolism/ MUCOPOLYSACCHARIDES, metabolism/ PINOCYTOSIS/ STAINS AND STAINING

1921. **Daniel JW, Subramanian G:** The determination of disopyramide in blood plasma and urine. J Int Med Res 4(1 Suppl):2–4, 1976
ANIMAL/ BLOOD PRESERVATION/ CHROMATOGRAPHY, GAS/ *DISOPYRAMIDE, analysis/ DISOPYRAMIDE, blood/ DISOPYRAMIDE, urine/ DOGS/ DRUG STABILITY/ METHODS/ *PYRIDINES, analysis/ TIME FACTORS

1922. **Daniel RH, Hubler WR, Wolf JE, et al:** Nevus anemicus. Donor–dominant defect. Arch Dermatol 113(1):53–6, Jan 77
CASE REPORT/ *HEMANGIOMA/ HEMANGIOMA, blood supply/ HEMANGIOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ PHENTOLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ *SKIN NEOPLASMS/ SKIN NEOPLASMS, etiology/ SKIN NEOPLASMS, blood supply/ *SKIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS

1923. **Danielsson ML, Hellberg B:** The biochemical activity of enterotoxin and non–enterotoxin producing staphylococci Acta Vet Scand 18(2):266–73, 1977
COAGULASE, metabolism/ COMPARATIVE STUDY/ DEOXYRIBONUCLEASE, metabolism/ *ENTEROTOXINS, biosynthesis/ FOOD MICROBIOLOGY/ HEMOLYSINS, biosynthesis/ HEMOLYSIS/ MANNITOL, metabolism/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, metabolism

1924. **Danilenko AM:** Kliniko–fermentativnye vzaimootnosheniia pri abstinentsii i alkogol'nom delirii. Vrach Delo (5):114–8, May 77 **(Rus)**
ADULT/ HUMAN/ *MACROGLOBULINS, analysis/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, blood/ PSYCHOSES, ALCOHOLIC, blood/ *PSYCHOSES, ALCOHOLIC, enzymology/ *TRYPSIN INHIBITORS, blood/ *TRYPSIN, blood

1925. **Danilenko MV, Glants RM, Krivoruchko RA, et al:** Gemodinamicheskie sdvigi pri operatsiiakh na serdtse v usloviiakh primeneniia krovi, zagotovlennoĭ na razlichnykh konservantakh Klin Khir 10:24–30, Oct 76 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION, methods/ *BLOOD TRANSFUSION, adverse effects/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *HEART SURGERY/ *HEMODYNAMICS/ HUMAN

1926. **Danilevskiĭ NF, Zavernaia AM, Khomenko LA:** Ingibitory proteoliza v kompleksnoĭ terapii allergicheskikh porazheniĭ slizistoĭ obolochki polosti rta Stomatologiia (Mosk) 56(1):30–2, Jan–Feb 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERSENSITIVITY, drug therapy/ *KALLIKREIN–TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ MOUTH DISEASES, drug therapy/ *MOUTH MUCOSA/ *PEPTIDE HYDROLASES, antagonists & inhibitors

1927. **Danilova LA:** Alloplastika defektov kosteĭ stopy posle udaleniia dobrokachestvennykh opukholeĭ. Ortop Travmatol Protez (4):46–52, Apr 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *BONE AND BONES, transplantation/ *BONE NEOPLASMS, surgery/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ FOOT DEFORMITIES, ACQUIRED, etiology/ *FOOT DEFORMITIES, ACQUIRED, surgery/ GIANT CELL TUMORS, surgery/ HEMANGIOMA, surgery/ HUMAN/ MALE/ MYXOMA, surgery/ OSTEOMA, OSTEOID, surgery/ *TARSAL BONES, surgery/ TRANSPLANTATION, ALLOGENEIC

1928. **Danishefsky I:** Studies on the mechanism of heparin action by modification of its structure. Fed Proc 36(1):33–5, Jan 77
ANTITHROMBINS, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ DRUG SYNERGISM/ GLYCINE/ HEPARIN CO-FACTOR, pharmacodynamics/ *HEPARIN, pharmacodynamics/ HEPARIN, analogs & derivatives/ METHYLATION/ PROTHROMBIN, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFATES, pharmacodynamics/ THROMBIN, pharmacodynamics/ THROMBOPLASTIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1929. **Danishefsky I, Ahrens M, Klein S:** Effect of heparin modification on its activity in enhancing the inhibition of thrombin by antithrombin III.
Biochim Biophys Acta 498(1):215–22, 23 Jun 77
*ANTITHROMBINS, metabolism/ CATTLE/ FIBRINOGEN/ *HEPARIN, analogs & derivatives/ HEPARIN, pharmacodynamics/ HUMAN/ KINETICS/ LUNG/ *THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1930. **Dankberg F, Persidsky MD:** A test of granulocyte membrane integrity and phagocytic function. Cryobiology 13(4):430–2, Aug 76
*BLOOD PRESERVATION/ CELL MEMBRANE/ ETHIDIUM, diagnostic use/ FLUORESCEINS, diagnostic use/ FLUORESCENCE/ *GRANULOCYTES, physiology/ HUMAN/ *LEUKOCYTES, physiology/ *PHAGOCYTES, physiology/ STAINS AND STAINING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1931. **Danneman PJ, Michael JG:** Reaginic antibody production to protein antigens of Escherichia coli and Pseudomonas aeruginosa by mice. Infect Immun 14(3):694–702, Sep 76
ANIMAL/ *ANTIBODIES, BACTERIAL, biosynthesis/ *ANTIBODY FORMATION/ ANTIGENS, BACTERIAL/ *BACTERIAL PROTEINS, immunology/ CROSS REACTIONS/ ENDOTOXINS, analysis/ *ESCHERICHIA COLI, immunology/ FEMALE/ HEAT/ MICE/ MICE, INBRED STRAINS/ *PSEUDOMONAS AERUGINOSA, immunology/ *REAGINS, biosynthesis/ SURFACE PROPERTIES/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1932. **Danner SA:** Reduction of myocardial infarct size by early intervention. Neth J Med 20(3):107–15, 1977 (68 ref.)
ADRENAL CORTEX HORMONES, therapeutic use/ ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ ANIMAL/ DOGS/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ HYALURONIDASE, therapeutic use/ INFUSIONS, PARENTERAL/ INTRA-AORTIC BALLOON PUMPING/ *MYOCARDIAL INFARCT, therapy/ OXYGEN, therapeutic use/ REVIEW/ VASODILATOR AGENTS, therapeutic use

1933. **Danon D, Skutelsky E:** Endothelial surface charge and its possible relationship to thrombogenesis.
Ann NY Acad Sci 275:47–63, 1976
ANIMAL/ *BLOOD VESSELS, physiopathology/ *ELECTROCHEMISTRY/ ENDOTHELIUM, physiopathology/ ERYTHROCYTES/ FEMALE/ FERRITIN/ GUINEA PIGS/ HUMAN/ MALE/ NEURAMINIDASE/ RABBITS/ SIALIC ACIDS/ *THROMBOPHLEBITIS, etiology

1934. **Danziger J, Bloch S, Podlas H:** Computerised axial tomography of the head. S Afr Med J 50(36):1398–402, 21 Aug 76
*BRAIN DISEASES, radiography/ BRAIN NEOPLASMS, radiography/ BRAIN, blood supply/ CEREBRAL HEMORRHAGE, radiography/ COMPUTERS, DIGITAL/ GLIOMA, radiography/ *HEAD, radiography/ HEMATOMA, radiography/ HUMAN/ INFARCTION, radiography/ MENINGIOMA, radiography/ NEOPLASM METASTASIS/ *TOMOGRAPHY, RADIOGRAPHIC

1935. **Darbre PD, Lehmann H:** The gamma chain of the lamb.
Biochim Biophys Acta 446(1):10–8, 28 Sep 76
AMINO ACID SEQUENCE/ ANIMAL/ *HEMOGLOBINS/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS, analysis/ *SHEEP, blood/ TRYPSIN

1936. **Darbre PD, Lehmann H:** Comparison of the myoglobin of the bat-eared fox (Otocyon megalotis) with that of the domestic dog (Canis familiaris). Biochim Biophys Acta 453(1):285–8, 26 Nov 76
AMINO ACID SEQUENCE/ ANIMAL/ COMPARATIVE STUDY/ *DOGS, metabolism/ *FOXES, metabolism/ MUSCLES, analysis/ *MYOGLOBIN/ PEPSIN/ PEPTIDE FRAGMENTS, analysis/ PHYLOGENY/ SPECIES SPECIFICITY/ TRYPSIN

1937. **Dargaeva TD, Brutko LI:** Fitokhimicheskoe izuchenie popovnika sibirskogo, proizrastaiu=shchego v Zabaĭkale Farmatsiia 26(1):33–4, Jan–Feb 77 **(Rus)**
ALKALOIDS, isolation & purification/ COUMARINS, isolation & purification/ *PLANTS, MEDICINAL, analysis/ RUSSIAN FEDERATION (ASIA)

1938. **Darnall DW, Birnbaum ER, Abbott F, et al:** An estimation of the distance from the active site to the calcium binding site in trypsin. p. 394.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
BINDING SITES/ *CALCIUM/ MONOGRAPH/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *TRYPSIN/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1939. **Darnall DW, Abbott F, Gomez JE, et al:** Fluorescence energy-transfer measurements between the calcium binding site and the specificity pocket of bovine trypsin using lanthanide probes. Biochemistry 15(23):5017–23, 16 Nov 76
AMINO ACID SEQUENCE/ BINDING SITES/ *CALCIUM/ CATTLE/ *GADOLINIUM/ *HOLMIUM/ *NEODYMIUM/ PROFLAVINE/ *PROMETHIUM/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ *TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1940. **Darney PD, Wilson EA:** Intravenous pyelography in the diagnosis and management of postpartum ovarian vein thrombophlebitis: a case report Am J Obstet Gynecol 127(4):439–40, 15 Feb 77
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *OVARY, blood supply/ OVARY, radiography/ PUERPERAL DISORDERS, drug therapy/ *PUERPERAL DISORDERS, radiography/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, radiography

1941. **Das M, Radhakrishnan AN:** Role of peptidases and peptide transport in the intestinal absorption of proteins.
World Rev Nutr Diet 24:58–87, 1976 (126 ref.)
AMINO ACIDS, metabolism/ ANIMAL/ BIOLOGICAL TRANSPORT/ BIOLOGICAL TRANSPORT, ACTIVE/ CYSTINURIA, metabolism/ DIPEPTIDASES, metabolism/ HARTNUP DISEASE, metabolism/ HUMAN/ HYDROLYSIS/ *INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, physiology/ INTESTINES, physiology/ MALABSORPTION SYNDROMES, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, metabolism/ *PROTEINS, metabolism/ REVIEW/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBCELLULAR FRACTIONS, enzymology

1942. **Das P, Gupta SC, Keshwani NK:** Dyschondroplasia with haemangiomata (Maffucci's syndrome).
Indian J Pathol Microbiol 19(4):261–4, Oct 76
ADULT/ CASE REPORT/ *DYSCHONDROPLASIA/ FEMALE/ *HEMANGIOMA, CAVERNOUS/ HUMAN/ *LIPOMA/ SYNDROME/ *TENDONS

1943. **Dasgupta BR, Sugiyama H:** Molecular forms of neurotoxins

in proteolytic Clostridium botulinum type B cultures. Infect Immun 14(3):680–6, Sep 76
*BOTULINUM TOXIN/ BOTULINUM TOXIN, analysis/ BOTULINUM TOXIN, toxicity/ MOLECULAR WEIGHT/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1944. **Dashtaiants GA, Andrushchenko EV, Krasovskaia EA:** Sostoianie gemokoaguliatsii u bol'nykh kollagenozami Vrach Delo (10):73–5, Oct 76 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION/ *COLLAGEN DISEASES, blood/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN

1945. **Dashtaiants GA, Andrushchenko EV, Krasovskaia EA:** Funktsional'noe sostoianie sistemy svertyvaniia krovi u bol'nykh revmatizmom i drugimi and other kollagenozamii. Vrach Delo (6):32–4, Jun 77 (Eng. Abstr.) **(Rus)**
*ARTHRITIS, RHEUMATOID, blood/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ *RHEUMATISM, blood/ *SCLERODERMA, SYSTEMIC, blood

1946. **Dassin E, Balitrand N, Najean Y:** An analysis of the effect of random and ageing mechanisms on the survival of platelets. Biomedicine [Express] 25(1):23–5, 10 Feb 76
AGED/ *BLOOD PLATELETS/ *CELL SURVIVAL/ HUMAN/ MATHEMATICS

1947. **Datsenko VL, Iarovaia GA, Golosova NA, et al:** Vliianie kininogena na aktivnost' kininogenaznoi sistemy syvorotki krovi cheloveka Biokhimiia 42(2):283–6, Feb 77 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ ENZYME ACTIVATION/ ESTERASES, antagonists & inhibitors/ HUMAN/ KALLIKREIN, antagonists & inhibitors/ *KALLIKREIN, blood/ *KININOGENS, pharmacodynamics/ MOLECULAR WEIGHT/ PREKALLIKREIN, metabolism

1948. **Daughtry JD, Stewart BH, Golding LA, et al:** Pulmonary embolus presenting as the initial manifestation of renal cell carcinoma. Ann Thorac Surg 24(2):178–81, Aug 77
*ADENOCARCINOMA, complications/ ADENOCARCINOMA, diagnosis/ ADENOCARCINOMA, pathology/ AGED/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, pathology/ *LUNG NEOPLASMS, diagnosis/ MALE/ NEOPLASM METASTASIS/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, pathology

1949. **Dautry-Varsat A, Sibilli-Weill L, Cohen GN:** Subunit structure of the methionine-repressible aspartokinase II--homoserine dehydrogenase II from Escherichia coli K12. Eur J Biochem 76(1):1–6, 1 Jun 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *ASPARTOKINASE HOMOSERINE DEHYDROGENASE/ CHEMISTRY/ ENZYME REPRESSION/ *ESCHERICHIA COLI, enzymology/ MACROMOLECULAR SYSTEMS/ METHIONINE, pharmacodynamics/ MOLECULAR WEIGHT/ *MULTIENZYME COMPLEXES/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN

1950. **Davey FR, Parker FB:** Tracing delayed hemostatic changes in open-heart surgery patients. RN 39(11):ICU1–2, ICU6, Nov 76
ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ FEMALE/ *HEART SURGERY/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS

1951. **Davey MG:** Transfusion therapy of thrombocytopania (letter). Med J Aust 2(23):884, 4 Dec 76
AUSTRALIA/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION/ HUMAN/ *THROMBOPENIA, therapy

1952. **Davey RJ, Shashaty GG, Rath CE:** Acute coagulopathy following infusion of prothrombin complex concentrate. Am J Med 60(5):719–22, 10 May 76
ALCOHOLISM, complications/ ANEMIA, HEMOLYTIC, complications/ ANEMIA, HEMOLYTIC, drug therapy/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BRAIN DISEASES, complications/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ *FACTOR X, adverse effects/ FEMALE/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ HYPERTENSION, PORTAL, complications/ LIVER DISEASES, complications/ MIDDLE AGE/ PROTHROMBIN TIME/ *PROTHROMBIN, adverse effects/ PROTHROMBIN, therapeutic use

1953. **Davey TB, Smeloff EA:** Development of a cardiac valve substitute: the Smeloff-Cutter prosthesis. Med Instrum 11(2):95–7, Mar-Apr 77
HEART VALVE PROSTHESIS, adverse effects/ *HEART VALVE PROSTHESIS, instrumentation/ HEART VALVE PROSTHESIS, standards/ HEMOLYSIS/ HUMAN/ SILICONE ELASTOMERS/ THROMBOSIS, etiology/ TITANIUM

1954. **David D, Rogel S:** Aprotinin and myocardial performance in shock. Acta Anaesthesiol Belg 27 suppl:356–62, 1976
ANIMAL/ BLOOD PRESSURE, drug effects/ CARDIAC OUTPUT, drug effects/ DISEASE MODELS, ANIMAL/ DOGS/ HEART RATE, drug effects/ *HEART, physiopathology/ HEMODYNAMICS, drug effects/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MYOCARDIAL DEPRESSANT FACTOR, antagonists & inhibitors/ *SHOCK, HEMORRHAGIC, physiopathology

1955. **David GS, Wiglesworth CM:** Target cell-substratum interaction. II. Complement-dependent antibody-induced inhibition of adherence. J Immunol 119(2):500–3, Aug 77
ANIMAL/ *CELL ADHESION/ CELL LINE/ *COMPLEMENT/ IMMUNITY, CELLULAR/ IMMUNOLOGIC TECHNICS/ IN VITRO/ *ISOANTIBODIES/ ISOANTIBODIES, analysis/ *LYMPHOCYTES, immunology/ RATS/ RATS, INBRED STRAINS/ SPLEEN, immunology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1956. **David JR, Butterworth AE, Remold HG, et al:** Antibody-dependent, eosinophil-mediated damage to 51Cr-labeled schistosomula of Schistosoma mansoni: effect of metabolic inhibitors and other agents which alter cell function. J Immunol 118(6):2221–9, Jun 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ *ANTIBODY SPECIFICITY/ ANTIMYCIN A, pharmacodynamics/ BABOONS/ CHROMIUM RADIOISOTOPES/ COLCHICINE, pharmacodynamics/ CYANIDES, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ CYTOCHALASIN B, pharmacodynamics/ DIAZONIUM COMPOUNDS, pharmacodynamics/ DNA, biosynthesis/ *EOSINOPHILS, immunology/ GLYCOLYSIS/ HUMAN/ IODOACETATES, pharmacodynamics/ *LARVA, metabolism/ MICROTUBULES, metabolism/ MITOMYCIN, pharmacodynamics/ MONKEYS/ PROTEINS, biosynthesis/ PUROMYCIN, pharmacodynamics/ SCHISTOSOMA MANSONI, immunology/ *SCHISTOSOMA MANSONI, metabolism/ TRYPSIN INHIBITORS, pharmacodynamics

1957. **David M, Rasched IR, Sund H:** Studies of glutamate dehydrogenase. Methionine-169: the preferentially carboxymethylated residue. Eur J Biochem 74(2):379–85, 1 Apr 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ CATTLE/ DITHIONITROBENZOIC ACID, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ *GLUTAMATE DEHYDROGENASE/ GLUTAMATE DEHYDROGENASE, metabolism/ HYDROGEN-ION CONCENTRATION/

IODOACETATES/ KINETICS/ LIVER, enzymology/ METHIONINE, analysis/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ TRYPSIN

1958. **Davidson RG:** Detection of carriers of inherited disorders. Birth Defects 12(6):189–95, 1976
AMAUROTIC FAMILIAL IDIOCY, familial & genetic/ AMAUROTIC FAMILIAL IDIOCY, prevention & control/ ANEMIA, SICKLE CELL, familial & genetic/ ANEMIA, SICKLE CELL, prevention & control/ ATHEROSCLEROSIS, familial & genetic/ ATHEROSCLEROSIS, prevention & control/ CENTRAL NERVOUS SYSTEM, abnormalities/ CENTRAL NERVOUS SYSTEM, embryology/ FACTOR VIII, analysis/ FEMALE/ HEMOPHILIA, familial & genetic/ HEMOPHILIA, prevention & control/ *HEREDITARY DISEASES, familial & genetic/ HEREDITARY DISEASES, prevention & control/ HETEROZYGOTE/ HUMAN/ PRENATAL DIAGNOSIS

1959. **Davie EW, Fujikawa K, Kurachi K, et al:** Serine proteases of coagulation and their inhibitors. pp. 189–202. In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (46 ref.)
*BLOOD COAGULATION FACTORS/ FACTOR IX, metabolism/ FACTOR X, metabolism/ FIBRINOGEN, metabolism/ HUMAN/ MONOGRAPH/ *PEPTIDE HYDROLASES, blood/ PROTHROMBIN, metabolism/ REVIEW/ SERINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1960. **Davies DW, Steward DJ:** Unexpected excessive bleeding during operation: role of acetyl salycilic acid. Can Anaesth Soc J 24(4):452–8, Jul 77
ADOLESCENCE/ *ASPIRIN, adverse effects/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ BLOOD TRANSFUSION, adverse effects/ FIBRINOLYSIS/ *HEMORRHAGE, chemically induced/ HEMOSTASIS/ HUMAN/ INFANT/ PLATELET AGGREGATION, drug effects/ *SURGERY, OPERATIVE/ SURGERY, OPERATIVE, adverse effects

1961. **Davies M, Williams R, Burley DM:** Rifampicine and enzyme induction. Med Chir Dig 5(6):341–3, 8 May 76
ADRENAL CORTEX HORMONES, metabolism/ ANIMAL/ ANTICOAGULANTS, metabolism/ CONTRACEPTIVES, ORAL, HORMONAL/ DRUG INTERACTIONS/ DRUG SYNERGISM/ *ENZYME INDUCTION, drug effects/ ESTROGENS, metabolism/ FEMALE/ HUMAN/ HYPOGLYCEMIC AGENTS, metabolism/ *LIVER, enzymology/ PROGESTERONE, metabolism/ *RIFAMPIN, metabolism/ RIFAMPIN, therapeutic use/ VITAMIN D, metabolism

1962. **Davies P:** Essential role of macrophages in chronic inflammatory processes. Schweiz Med Wochenschr 106(40):1351–4, 2 Oct 76
ANIMAL/ COMPLEMENT 3, biosynthesis/ COMPLEMENT 4, biosynthesis/ HUMAN/ HYDROLASES, metabolism/ IMMUNITY, CELLULAR/ INFLAMMATION/ LYSOSOMES, enzymology/ *MACROPHAGES, secretion/ MICE/ PEPTIDE HYDROLASES, metabolism/ PHAGOCYTOSIS/ PINOCYTOSIS/ PROSTAGLANDINS, biosynthesis/ T-LYMPHOCYTES, immunology

1963. **Davies P, Bechtel P, Pastan I:** Filamin inhibits actin activation of heavy meromyosin ATPase. FEBS Lett 77(2):228–32, 15 May 77
*ACTIN, antagonists & inhibitors/ ACTIN, analysis/ *ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, analysis/ CHLORIDES, pharmacodynamics/ *CONTRACTILE PROTEINS, pharmacodynamics/ CYTOCHALASIN B, pharmacodynamics/ DRUG INTERACTIONS/ ENZYME ACTIVATION, drug effects/ MAGNESIUM, pharmacodynamics/ *MEROMYOSINS, metabolism/ MUSCLES, analysis/ MYOSIN, metabolism/ POTASSIUM CHLORIDE, pharmacodynamics

1964. **Davies PF, Reidy MA, Goode TB, et al:** Scanning electron microscopy in the evaluation of endothelial integrity of the fatty lesion in atherosclerosis. Atherosclerosis 25(1):125–30, Oct 76
ANIMAL/ AORTA, THORACIC, pathology/ *ARTERIOSCLEROSIS, pathology/ *ATHEROSCLEROSIS, pathology/ COMPARATIVE STUDY/ ENDOTHELIUM, pathology/ *FATTY STREAK, ARTERIAL, pathology/ HISTOLOGICAL TECHNICS/ MICROSCOPY, ELECTRON, SCANNING/ RABBITS

1965. **Davies PL, Dixon GH, Ferrier LN, et al:** The structure and function of protamine mRNA from developing trout testis. Prog Nucleic Acid Res Mol Biol 19:135–55, 1976 (53 ref.)
AGING/ ANIMAL/ BASE SEQUENCE/ ENDONUCLEASES/ MALE/ NUCLEIC ACID DENATURATION/ OLIGORIBONUCLEOTIDES, analysis/ POLY A, analysis/ *PROTAMINES, biosynthesis/ REVIEW/ RIBONUCLEASE/ *RNA, MESSENGER/ RNA, MESSENGER, metabolism/ TEMPERATURE/ TESTIS, growth & development/ *TESTIS, metabolism/ TROUT

1966. **Davies PL, Ferrier LN, Dixon GH:** Sequence analysis of protamine mRNA from the rainbow trout. Depurination and nearest neighbor analysis of protamine cDNA. J Biol Chem 252(4):1386–93, 25 Feb 77
ANIMAL/ BASE SEQUENCE/ DNA/ MOLECULAR WEIGHT/ NUCLEIC ACID HYBRIDIZATION/ OLIGORIBONUCLEOTIDES, analysis/ *PROTAMINES, biosynthesis/ PYRIMIDINE NUCLEOTIDES, analysis/ *RNA, MESSENGER/ RNA, MESSENGER, metabolism/ TRANSCRIPTION, GENETIC/ TRANSLATION, GENETIC/ TROUT

1967. **Davies SH:** Projected estimation of factor VIII requirements for home treatment based on a pilot study of two haemophilic patients. Scand J Haematol (30):87–9, 1977
ADOLESCENCE/ *FACTOR VIII, therapeutic use/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN/ PILOT PROJECTS/ SELF ADMINISTRATION

1968. **Davies T, Davidson MM, McClenaghan MD, et al:** Factors affecting platelet cyclic GMP levels during aggregation induced by collagen and by arachidonic acid. Thromb Res 9(4):387–405, Oct 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, secretion/ *ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ COLLAGEN, administration & dosage/ *COLLAGEN, pharmacodynamics/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ GUANOSINE TRIPHOSPHATE, metabolism/ HUMAN/ INDOMETHACIN, pharmacodynamics/ MALONDIALDEHYDE, biosynthesis/ *PLATELET AGGREGATION, drug effects/ SEROTONIN, pharmacodynamics/ SEROTONIN, secretion

1969. **Davies T, Fieldhouse G, McNicol GP:** The effects of therapy with oestriol succinate and ethinyl oestradiol on the haemostatic mechanism in post-menopausal women. Thromb Haemostas 35(2):403–14, 30 Apr 76
BLOOD COAGULATION FACTORS, analysis/ *ESTRIOL, adverse effects/ *ETHINYL ESTRADIOL, adverse effects/ FEMALE/ FIBRINOLYSIS, drug effects/ *HEMOSTASIS, drug effects/ HUMAN/ *MENOPAUSE/ MIDDLE AGE/ OSTEOPOROSIS, prevention & control/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects

1970. **Davies T, McNicol GP, Fieldhouse G, et al:** A comparison of the effects of oestriol succinate and ethinyl oestradiol on blood coagulation, platelet function and fibrinolysis in post-menopausal women. Front Horm Res 3:185–98, 1975 (35 ref.)
*BLOOD COAGULATION/ *ESTRIOL, analogs & derivatives/ ESTRIOL, diagnostic use/

*ETHINYL ESTRADIOL, diagnostic use/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *MENOPAUSE/ MIDDLE AGE/ *PLATELET AGGREGATION/ REVIEW/ TIME FACTORS

1971. **Davis A, Moore IB, Parker DS, et al:** Nuclease B. A possible precursor of nuclease A, an extracellular nuclease of Staphylococcus aureus. J Biol Chem 252(18):6544–53, 25 Sep 77
AMINO ACID SEQUENCE/ *ENZYME PRECURSORS, metabolism/ *MICROCOCCAL NUCLEASE, biosynthesis/ PEPTIDE FRAGMENTS, analysis/ *STAPHYLOCOCCUS AUREUS, enzymology/ TRYPSIN

1972. **Davis FB, Estruch MT, Samson-Corvera EB, et al:** Management of anticoagulation in outpatients: experience with an anticoagulation service in a municipal hospital setting. Arch Intern Med 137(2):197–202, Feb 77
AGED/ BLOOD COAGULATION DISORDERS, complications/ FEMALE/ HEALTH EDUCATION/ HEART FAILURE, CONGESTIVE, etiology/ HEMATURIA, etiology/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, etiology/ *HOSPITAL OUTPATIENT CLINICS/ HUMAN/ MALE/ MARYLAND/ MIDDLE AGE/ PROTHROMBIN TIME/ *THROMBOEMBOLISM, prevention & control/ TIME FACTORS/ WARFARIN, administration & dosage/ WARFARIN, adverse effects/ *WARFARIN, therapeutic use

1973. **Davis GB, Stoelinga PJ, Tideman H, et al:** Angiolipoma of the hard palate: a case report and review of the literature. J Maxillofac Surg 4(4):242–4, Dec 76
ADULT/ CASE REPORT/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ *LIPOMA/ LIPOMA, pathology/ MALE/ *PALATAL NEOPLASMS/ PALATAL NEOPLASMS, pathology

1974. **Davis JO:** The pathogenesis of chronic renovascular hypertension. Circ Res 40(5):439–44, May 77 (63 ref.)
ANGIOTENSIN, physiology/ ANIMAL/ BODY FLUIDS, physiology/ CARDIAC OUTPUT/ CHRONIC DISEASE/ DISEASE MODELS, ANIMAL/ HOMEOSTASIS/ HUMAN/ *HYPERTENSION, RENAL, etiology/ KALLIKREIN, physiology/ KIDNEY MEDULLA, transplantation/ KININS, physiology/ MUSCLE, SMOOTH, physiopathology/ PROSTAGLANDINS A, adverse effects/ PROSTAGLANDINS A, biosynthesis/ PROSTAGLANDINS E, adverse effects/ PROSTAGLANDINS E, biosynthesis/ RENAL ARTERY STENOSIS, complications/ RENIN, blood/ RENIN, physiology/ REVIEW/ SYMPATHETIC NERVOUS SYSTEM, physiopathology/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

1975. **Davis PF, Pettit FH, Reed LJ:** Peptides derived from pyruvate dehydrogenase as substrates for pyruvate dehydrogenase kinase and phosphatase.
Biochem Biophys Res Commun 75(3):541–9, 11 Apr 77
ANIMAL/ BINDING SITES/ CALCIUM, pharmacodynamics/ CATTLE/ KIDNEY, enzymology/ KINETICS/ PEPTIDES, isolation & purification/ *PEPTIDES, metabolism/ *PHOSPHOMONOESTERASES, metabolism/ *PHOSPHOTRANSFERASES, ATP, metabolism/ *PYRUVATE DEHYDROGENASE COMPLEX, metabolism/ *PYRUVATE DEHYDROGENASE PHOSPHATASE, metabolism/ SERINE, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1976. **Davis TE Jr, Domer JE:** Glycohydrolase contamination of commercial enzymes frequently used in the preparation of fungal cell walls. Anal Biochem 80(2):593–600, Jun 77
CELL FRACTIONATION, methods/ *CELL WALL, ultrastructure/ ENZYMES, analysis/ EVALUATION STUDIES/ *FUNGI, ultrastructure/ *GLYCOSIDE HYDROLASES/ GLYCOSIDE HYDROLASES, analysis/ PAPAIN, analysis/ PEPTIDE HYDROLASES, analysis/ PRONASE, analysis

1977. **Dawson RB, Ellis TJ:** Blood preservation: using metabolic regulators and nutrients. I. Pyruvate and DHA (dihydroxyacetone). Milit Med 141(10):691–2, Oct 76
*BLOOD PRESERVATION, methods/ *DIHYDROXYACETONE/ HUMAN/ MALE/ *PYRUVATES/ TIME FACTORS/ *TRIOSES

1978. **Dawson RB:** Blood preservation using metabolic regulators and nutrients: XXI. Further studies on pyruvate and DHA (dihydroxyacetone). Transfusion 16(5):446–9, Sep–Oct 76
ADENINE, blood/ ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION, methods/ BLOOD SUGAR, pharmacodynamics/ CITRATES, blood/ *DIHYDROXYACETONE, pharmacodynamics/ DIPHOSPHOGLYCERIC ACIDS, blood/ HUMAN/ PHOSPHATES, blood/ *PYRUVATES, pharmacodynamics/ TIME FACTORS/ *TRIOSES, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1979. **Dawson RB:** Blood storage XXII. Improvement in red blood cell 2,3-DPG levels at six weeks by 20 mM PO4 in CPD-adenine-inosine. Transfusion 16(5):450–4, Sep–Oct 76
*ADENINE, blood/ *BLOOD PRESERVATION, methods/ *BLOOD SUGAR, metabolism/ *CITRATES, blood/ *DIPHOSPHOGLYCERIC ACIDS, blood/ *ERYTHROCYTES, analysis/ HUMAN/ *INOSINE, blood/ *PHOSPHATES, blood/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1980. **Dawson RB, Chan-Shu A, Potts M:** Blood storage for transfusion: XX. Rejuvenation of outdated red cells with three experimental metabolic cocktails. Milit Med 142(2):154–615, Feb 77
ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION, methods/ DIPHOSPHOGLYCERIC ACIDS, blood/ ERYTHROCYTES, metabolism/ IN VITRO/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1981. **Dawson RB:** Hemoglobin function in stored blood, XVII. Maintenance of red cell 2,3 DPG (function) and ATP (viability) for six weeks in ACD or CPD-adenine-inosine-methylene blue.
Rev Fr Transfus Immunohematol 19(4):527–38, Dec 76
ADENINE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ *BLOOD PRESERVATION/ CITRATES, metabolism/ DIPHOSPHOGLYCERIC ACIDS, metabolism/ *ERYTHROCYTE AGING/ *HEMOGLOBINS, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INOSINE, metabolism/ METHYLENE BLUE/ OSMOTIC FRAGILITY/ TIME FACTORS

1982. **Dawson RB, Camp FR Jr:** Blood storage. XIV. Adenine maintenance of ATP in a preservative with high pH (to maintain 2.3-DPG for hemoglobin function).
Milit Med 142(4):282–5, Apr 77
*ADENINE/ *ADENOSINE TRIPHOSPHATE/ *ADENOSINE TRIPHOSPHATE, analysis/ *BLOOD PRESERVATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1983. **Dawson RB:** Blood storage XXIV: red blood cell 2,3-DPG and ATP maintenance for six weeks in CPD-adenine with higher phosphate, pyruvate, and dihydroxyacetone.
Transfusion 17(3):242–7, May–Jun 77
ADENINE/ *ADENOSINE TRIPHOSPHATE, analysis/ BLOOD PRESERVATION, methods/ *BLOOD PRESERVATION, standards/ CITRATES/ *DIHYDROXYACETONE, pharmacodynamics/ *DIPHOSPHOGLYCERIC ACIDS, analysis/ GLUCOSE/ HUMAN/ PHOSPHATES/ *PYRUVATES, pharmacodynamics/ *TRIOSES, pharmacodynamics

1984. **Dawson RB:** Blood storage XXIII: 2,3-DPG maintenance for six weeks in a CPD-adenine-inosine preservative with and without methylene blue. Transfusion 17(3):238–41, May–Jun 77
ADENINE/ ADENOSINE TRIPHOSPHATE, analysis/ ANALYSIS OF VARIANCE/ BLOOD PRESERVATION, methods/ *BLOOD PRESERVATION, standards/ CITRATES/

*DIPHOSPHOGLYCERIC ACIDS, analysis/ GLUCOSE/ HUMAN/ INOSINE/ METHYLENE BLUE/ PHOSPHATES

1985. **Dawson RB:** Blood storage XXV: Ascorbic acid (vitamin C) and dihydroxyacetone (DHA) maintenance of 2,3-DPG for six weeks in CPD-adenine. Transfusion 17(3):248-54, May-Jun 77
ADENINE/ ADENOSINE TRIPHOSPHATE, analysis/ *ASCORBIC ACID/ ASCORBIC ACID, pharmacodynamics/ *BLOOD PRESERVATION/ BLOOD PRESERVATION, methods/ CITRATES/ *DIHYDROXYACETONE/ DIHYDROXYACETONE, pharmacodynamics/ *DIPHOSPHOGLYCERIC ACIDS, analysis/ GLUCOSE/ HUMAN/ PHOSPHATES/ *TRIOSES/ TRIOSES, pharmacodynamics

1986. **Day CE:** Control of the interaction of cholesterol ester-rich lipoproteins with arterial receptors. Atherosclerosis 25(2-3):199-204, Nov-Dec 76
ANIMAL/ AORTA, drug effects/ *AORTA, metabolism/ ATHEROSCLEROSIS, drug therapy/ HEPARIN, pharmacodynamics/ LIPOPROTEINS, antagonists & inhibitors/ *LIPOPROTEINS, metabolism/ LIPOPROTEINS, LDL, metabolism/ RABBITS/ *RECEPTORS, DRUG, metabolism

1987. **Day HJ:** Role of platelets in hemostasis and thrombosis. Ser Haematol 8(3):23-37, 1975
*BLOOD PLATELETS, physiology/ *HEMOSTASIS/ HUMAN/ THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, blood/ *THROMBOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1988. **Day HJ:** Role of platelets in hemostasis and thrombosis. pp. 23-37.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (58 ref.)
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, therapeutic use/ BETA GLOBULINS/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ COLLAGEN, pharmacodynamics/ CORONARY DISEASE, complications/ DEXTRAN, therapeutic use/ ENDOTHELIUM, pathology/ EPINEPHRINE, pharmacodynamics/ *HEMOSTASIS/ HUMAN/ MONOGRAPH/ PLATELET AGGREGATION, drug effects/ REVIEW/ SULFINPYRAZONE, therapeutic use/ THROMBIN, pharmacodynamics/ THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control/ *THROMBOSIS, blood/ THROMBOSIS, complications/ THROMBOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1989. **Day HJ, Holmsen H, Zucker MB:** Report of the working party on platelets. Thromb Haemostas 36(1):263-8, 31 Aug 76
*BLOOD PLATELETS/ *CELL SEPARATION, methods/ COLLAGEN/ PLATELET AGGREGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1990. **Day NK, Schreiber RD, Götze O, et al:** Reversible activation of proactivator (factor B) of the alternative pathway without cleavage of the molecule. Scand J Immunol 5(6-7):715-20, 1976
CHRONIC DISEASE/ COLD/ *COMPLEMENT 3, metabolism/ *COMPLEMENT, metabolism/ ENZYME REACTIVATORS/ GLOMERULONEPHRITIS, immunology/ HUMAN/ *IGA, metabolism/ INDICATORS AND REAGENTS/ *PEPTIDE HYDROLASES, metabolism/ PROPERDIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

1991. **Day RC, Feuerstein IA, Brash JL:** Flow patterns in a platelet adhesion test cell-implications for adhesion measurement. Thromb Res 9(2):133-42, Aug 76
ADHESIVENESS/ BLOOD/ METHODS/ MODELS, BIOLOGICAL/ *PLATELET ADHESIVENESS/ *RHEOLOGY/ SURFACE PROPERTIES

1992. **Day TK, Cowper SV, Kakkar VV, et al:** Early venous thrombosis: A scanning electron microscopic study. Thromb Haemostas 37(3):477-83, 30 Jun 77
ANIMAL/ BLOOD PLATELETS/ FEMORAL VEIN/ FIBRIN/ MICROSCOPY, ELECTRON, SCANNING/ RABBITS/ *THROMBOPHLEBITIS, pathology/ THROMBOSIS, pathology/ TIME FACTORS

1993. **Dayton S:** Nutrition and atherosclerosis. Prog Food Nutr Sci 1(3):191-205, 1975 (16 ref.)
ADULT/ *ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS/ ATHEROSCLEROSIS, complications/ ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, metabolism/ BLOOD COAGULATION/ CHOLESTEROL, DIETARY/ CORONARY DISEASE, etiology/ CORONARY DISEASE, therapy/ DIABETES MELLITUS, complications/ DIABETES MELLITUS, diet therapy/ *DIETARY FATS/ HUMAN/ HYPERLIPEMIA, classification/ HYPERLIPEMIA, diet therapy/ LIPIDS, blood/ MALE/ MIDDLE AGE/ *NUTRITION/ OBESITY, compiications/ REVIEW

1994. **Deacon SL, Howell RM:** Physical studies on calcium phosphate and barium citrate used as clotting-factor adsorbents. Biochem Soc Trans 4(4):720-3, 1976
ADSORPTION/ *BARIUM/ *BLOOD COAGULATION FACTORS/ BLOOD PROTEIN ELECTROPHORESIS/ *CALCIUM PHOSPHATES/ *CITRATES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROGEN-ION CONCENTRATION/ HYDROXYAPATITES/ PHOSPHATES/ PROTEIN BINDING

1995. **Deacon SL, Howell RM:** Scanning electron microscopic and electrophoretic studies on clotting factor adsorbents. Thromb Haemostas 36(1):60-70, 31 Aug 76
ADSORPTION/ BARIUM SULFATE/ BARIUM/ *BLOOD COAGULATION FACTORS/ CALCIUM PHOSPHATES/ CITRATES/ ELECTROPHORESIS/ HYDROGEN-ION CONCENTRATION/ MICROSCOPY, ELECTRON, SCANNING/ SOLUBILITY

1996. **Dean DA, Strong DM:** Improved assay for monocyte chemotaxis using frozen stored responder cells. J Immunol Methods 14(1):65-72, 1977
*BLOOD PRESERVATION/ CELL MEMBRANE/ *CHEMOTAXIS, LEUKOCYTE/ FREEZING/ HUMAN/ *MONOCYTES/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

1997. **Dean RH, Yao JS:** Hemodynamic measurements in peripheral vascular disease. Curr Probl Surg 13(8):1-76, Aug 76 (288 ref.)
ADULT/ AGED/ ARTERIAL OCCLUSIVE DISEASES, diagnosis/ CEREBROVASCULAR DISORDERS, diagnosis/ ELECTROMAGNETICS/ FIBRINOGEN, diagnostic use/ FINGERS, blood supply/ FLOWMETERS/ HAND, blood supply/ *HEMODYNAMICS/ HUMAN/ ISCHEMIA, diagnosis/ MIDDLE AGE/ PLETHYSMOGRAPHY, IMPEDANCE/ RADIONUCLIDE IMAGING/ REVIEW/ THROMBOPHLEBITIS, diagnosis/ ULTRASONICS, diagnostic use/ *VASCULAR DISEASES, diagnosis/ VASCULAR DISEASES, physiopathology

1998. **de Azevedo HP, Roitman I:** Growth of the Y strain of Trypanosoma cruzi in an HX25-modified defined medium. J Parasitol 63(3):485, Jun 77
CULTURE MEDIA/ LIPOIC ACID/ TRETINOIN/ *TRYPANOSOMA CRUZI, growth & development/ VITAMIN B 12/ VITAMIN E/ VITAMIN K

1999. **De Baere H:** Alcohol en farmaca Tijdschr Gastroenterol 19(2):117-23, 1976 (Eng. Abstr.) **(Dut)**
ACETALDEHYDE, metabolism/ ACETYL COENZYME A, biosynthesis/ *ALCOHOL, ETHYL, metabolism/ ANESTHETICS, metabolism/ BARBITURATES, metabolism/

DIPHENYLHYDANTOIN, metabolism/ DRUG INTERACTIONS/ *DRUGS, metabolism/ ENGLISH ABSTRACT/ HUMAN/ INTESTINAL ABSORPTION/ ISONIAZID, metabolism/ SEDATIVES, NONBARBITURATE, metabolism/ TOLBUTAMIDE, metabolism/ WARFARIN, metabolism

2000. **DeBakey ME, Vollmar J, van Dongen RJ, et al:** Diskussionsforum. Gefässchirurgie
Langenbecks Arch Chir 341(4):239–51, 12 Nov 76 (Eng. Abstr.) **(Ger)**
AORTA, surgery/ AORTIC ANEURYSM, surgery/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ CAROTID ARTERIES, surgery/ COUMARINS, therapeutic use/ ENDARTERECTOMY/ ENGLISH ABSTRACT/ FEMORAL ARTERY, surgery/ HUMAN/ ILIAC ARTERY, surgery/ MIDDLE AGE/ POPLITEAL ARTERY, surgery/ POSTOPERATIVE COMPLICATIONS, drug therapy/ SYMPATHECTOMY

2001. **De Beer P, Langeron P:** Phlébite d'effort du membre inférieur Phlebologie 30(1):61–4, Jan–Mar 77 (Eng. Abstr.) **(Fre)**
ACCIDENTS, INDUSTRIAL/ CASE REPORT/ ENGLISH ABSTRACT/ *EXERTION/ FOLLOW-UP STUDIES/ HUMAN/ *LEG, blood supply/ MALE/ *THROMBOPHLEBITIS, etiology

2002. **de Bono DP, Gordon JL, MacIntyre DE, et al:** Active transport of adenine and adenosine by blood platelets and cultured endothelial cells [proceedings].
Br J Pharmacol 58(3):466P, Nov 76
*ADENINE, metabolism/ *ADENOSINE, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE/ *BLOOD PLATELETS, metabolism/ ENDOTHELIUM, metabolism/ HUMAN/ IN VITRO

2003. **de Bosch NB, Arocha-Piñango CL, Soria J, et al:** An abnormal fibrinogen in a Venezuelan family.
Thromb Res 10(2):253–65, Feb 77
ADULT/ ANTIBODIES/ *BLOOD COAGULATION DISORDERS, familial & genetic/ CASE REPORT/ FEMALE/ *FIBRINOGEN/ FIBRINOGEN, immunology/ GEL DIFFUSION TESTS/ HUMAN/ INFANT/ MALE/ MOLECULAR CONFORMATION/ PEDIGREE/ PROTHROMBIN TIME/ THROMBIN, metabolism/ VENEZUELA

2004. **Debuire B, Han KK, Dautrevaux M, et al:** Amino acid sequence of a cyanogen bromide fragment containing the two tryptophanyl residues of lobster arginine kinase (Homarus vulgaris). J Biochem (Tokyo) 81(3):611–9, Mar 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ ARGININE/ CYANOGEN BROMIDE/ HYDROGEN-ION CONCENTRATION/ *LOBSTERS, enzymology/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOTRANSFERASES, ATP/ TRYPSIN/ TRYPTOPHAN, analysis

2005. **Deby C, Damas J, Bacq ZM:** 'Un test in vivo de la synthèse des prostaglandines' Bull Mem Acad R Med Belg 130(2–3):178–93, 1975 (Eng. Abstr.) **(Fre)**
ANIMAL/ *ARACHIDONIC ACIDS, metabolism/ *BLOOD PRESSURE, drug effects/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, pharmacodynamics/ INDOMETHACIN, pharmacodynamics/ MALE/ METHODS/ *PROSTAGLANDIN ANTAGONISTS, pharmacodynamics/ *PROSTAGLANDINS, biosynthesis/ RABBITS/ RATS/ TRYPTOPHAN, pharmacodynamics

2006. **DeCastro-Costa MR, Landman OE:** Inhibitory protein controls the reversion of protoplasts and L forms of Bacillus subtilis to the walled state. J Bacteriol 129(2):678–89, Feb 77
*BACILLUS SUBTILIS, growth & development/ BACILLUS SUBTILIS, metabolism/ *BACTERIAL PROTEINS/ CHLORAMPHENICOL, pharmacodynamics/ GELATIN, metabolism/ *L FORMS, growth & development/ L FORMS, metabolism/ MERCAPTOETHANOL, pharmacodynamics/ PROTOPLASTS, metabolism/ *PROTOPLASTS, physiology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2007. **de Cataldo F, Baudo F:** Sensitization of stabilized fibrin to urea dispersion by undiluted plasma and serum.
Acta Haematol (Basel) 58(2):79–83, 1977
ANIMAL/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ FACTOR XIII/ *FIBRIN/ HUMAN/ *UREA, pharmacodynamics

2008. **Dechavanne M, Ville D, Viala JJ, et al:** Prevention of deep vein thrombosis following total hip arthroplasties: a controlled trial of heparin versus aspirin and dipyridamole. pp. 337–48.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
*ARTHROPLASTY/ ASPIRIN, adverse effects/ *ASPIRIN, therapeutic use/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DIPYRIDAMOLE, adverse effects/ *DIPYRIDAMOLE, therapeutic use/ FEMALE/ HEMORRHAGE, chemically induced/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ *HIP, surgery/ HUMAN/ MALE/ MIDDLE AGE/ MONOGRAPH/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

2009. **Dechavanne M, Lagarde M, Bryon PA:** Thrombocytopathies avec déficit en cyclo-oxygénase
Nouv Rev Fr Hematol 16(3):421–6, 1976 (Eng. Abstr.) **(Fre)**
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ ARACHIDONIC ACIDS, metabolism/ *BLOOD PLATELET DISORDERS, enzymology/ BLOOD PLATELETS, enzymology/ COLLAGEN, pharmacodynamics/ CYTOPLASMIC GRANULES/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIPOXYGENASES, blood/ *LIPOXYGENASES, deficiency/ MICROSOMES, enzymology/ PEROXIDES, metabolism/ *PLATELET AGGREGATION/ PROSTAGLANDINS, metabolism/ RISTOCETIN, pharmacodynamics/ THROMBIN, pharmacodynamics

2010. **Deckinga BG, Printen KJ:** Elective splenectomy in the elderly patient. Am Surg 43(4):195–9, Apr 77
AGE FACTORS/ AGED/ FELTY'S SYNDROME, surgery/ HUMAN/ HYPERSPLENISM, surgery/ MIDDLE AGE/ MYELOID METAPLASIA, surgery/ PURPURA, THROMBOPENIC, surgery/ *SPLENECTOMY/ SPLENECTOMY, mortality/ THROMBOPENIA, surgery

2011. **De Clerck F, Goossens J, Vermylen J, et al:** Modification of venous stasis thrombosis in the rat by platelet-active drugs and by heparin. Arch Int Pharmacodyn Ther 222(2):233–42, Aug 76
ANIMAL/ *BLOOD PLATELETS, physiology/ *HEPARIN, therapeutic use/ IN VITRO/ MALE/ PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS E, therapeutic use/ RATS/ RENAL VEINS/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, pathology/ THROMBOPHLEBITIS, physiopathology

2012. **De Cock G:** Extraperitoneale verwikkelingen van akute pancreatitis Tijdschr Gastroenterol 19(3):170–83, 1976 (80 ref.) (Eng. Abstr.) **(Dut)**
ACUTE DISEASE/ BACTERIAL INFECTIONS, etiology/ BLOOD COAGULATION DISORDERS, etiology/ CARDIOVASCULAR DISEASES, etiology/ DEMYELINATION, etiology/ DIABETES MELLITUS, etiology/ ENGLISH ABSTRACT/ HUMAN/ HYPERLIPEMIA, etiology/ HYPOCALCEMIA, etiology/ HYPOTENSION, etiology/ KIDNEY FAILURE, ACUTE, etiology/ LUNG DISEASES, etiology/ NEUROLOGIC MANIFESTATIONS/ *PANCREATITIS, complications/ PANNICULITIS, NODULAR NONSUPPURATIVE, etiology/ PSYCHOSES,

ORGANIC, etiology/ REVIEW

2013. **Decoopman E, Sezille G, Dewailly P, et al:** Influence du clofibrate sur l'activité lipasique tissulaire chez le rat Pathol Biol (Paris) 24(10):691–3, Dec 76 (Eng. Abstr.) **(Fre)**
ADENYL CYCLASE, antagonists & inhibitors/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, enzymology/ ANIMAL/ *CLOFIBRATE, pharmacodynamics/ DIET/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ FASTING/ HEART, drug effects/ *LIPASE, metabolism/ LIPID MOBILIZATION, drug effects/ LIPOPROTEIN LIPASE, metabolism/ MALE/ MYOCARDIUM, enzymology/ RATS/ TRIGLYCERIDES, blood

2014. **De Dulanto F, Armijo Moreno M, Sánchez Muros J, et al:** Hemangioma de labio inferior. Tratamiento quirúrgico con colgajo pediculado lingual Actas Dermosifiliogr 68(12):75–82, Jan – Feb 77 **(Spa)**
ADULT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ *LIP NEOPLASMS, surgery/ *MOUTH MUCOSA, transplantation/ TONGUE/ TRANSPLANTATION, AUTOLOGOUS

2015. **Deeb ZL, Rosenbaum AE, Bensy JJ, et al:** Calcified intramedullary aneurysm in spinal angioma. Neuroradiology 14(1):1–3, 25 Aug 77
*ANEURYSM, complications/ ANEURYSM, radiography/ ANGIOGRAPHY/ *CALCINOSIS, complications/ CALCINOSIS, radiography/ CASE REPORT/ CHILD/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, radiography/ HUMAN/ SPINAL CORD NEOPLASMS, blood supply/ *SPINAL CORD NEOPLASMS, complications/ SPINAL CORD NEOPLASMS, radiography

2016. **Deenichin P, Panitsa V:** Sluchaĭ na mezenterialna tromboza, suchetan s prerazkhodna koagulopatiia Khirurgiia (Sofiia) 29(4):335–7, 1976 **(Bul)**
ACUTE DISEASE/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ HUMAN/ MALE/ *MESENTERIC ARTERIES/ MIDDLE AGE/ SYNDROME/ *THROMBOSIS, pathology

2017. **Deeths TM, Melson GL:** Calcification in an angiomyolipoma: a case report. J Urol 114(4):613–4, Oct 75
*CALCINOSIS, complications/ CASE REPORT/ *HEMANGIOMA, complications/ HUMAN/ *KIDNEY NEOPLASMS, complications/ *LIPOMA, complications/ MALE/ MIDDLE AGE/ *NEPHROSCLEROSIS, complications

2018. **De Filippo P, Tomasi L, Cerbone C:** Un caso di sindrome di Wiskott–Aldrich con specifici deficit immunologici Pediatria (Napoli) 84(1):110–9, 31 Mar 76 (Eng. Abstr.) **(Ita)**
*ALDRICH SYNDROME, complications/ ALDRICH SYNDROME, immunology/ ANTIBODY FORMATION/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ HUMAN/ IMMUNOGLOBULINS, isolation & purification/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ IMMUNOLOGIC DEFICIENCY SYNDROMES, immunology/ INFANT/ MALE

2019. **Defreyn G, Goris J, Merlevede W:** A deinhibitor protein neutralizing the effect of the protein inhibitors on dog liver phosphorylase phosphatase. FEBS Lett 79(1):125–8, 1 Jul 77
ANIMAL/ DOGS/ KINETICS/ *LIVER, enzymology/ *PHOSPHOMONOESTERASES, metabolism/ *PHOSPHORYLASE PHOSPHATASE, metabolism/ *PROTEINS, physiology/ TRYPSIN, pharmacodynamics

2020. **De Gaetani CF, Trentini GP:** Gastric angioendothelioma: a cytologic evaluation. Acta Cytol (Baltimore) 21(2):306–9, Mar–Apr 77
CASE REPORT/ CYTODIAGNOSIS/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GASTROSCOPY/ *HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ MIDDLE AGE/ *STOMACH NEOPLASMS, diagnosis/ STOMACH NEOPLASMS, pathology/ STOMACH, pathology

2021. **de Gaetano G, Donati MB, Garattini S:** The effects of drugs on platelet function tests [letter]. Thromb Haemostas 36(1):281, 31 Aug 76
*BLOOD PLATELETS, drug effects/ PLATELET AGGREGATION, drug effects

2022. **de Gaetano G:** Platelets, inflammation and non-steroidal anti-inflammatory drugs. pp. 45–51.
In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975. (65 ref.)
ADENOSINE DIPHOSPHATE, metabolism/ ALKYNES, metabolism/ ANIMAL/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ARACHIDONIC ACIDS, metabolism/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CAPILLARY PERMEABILITY, drug effects/ DEPRESSION, CHEMICAL/ HEMOSTASIS/ HUMAN/ INDOMETHACIN, pharmacodynamics/ *INFLAMMATION, etiology/ MONOGRAPH/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, biosynthesis/ PROSTAGLANDINS E, pharmacodynamics/ PROSTAGLANDINS F, biosynthesis/ REVIEW

2023. **de Gaetano G, Cavenaghi AE:** Effect of suloctidil on bleeding time and in vivo platelet aggregation in rats. Thromb Res 10(3):525–30, Mar 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ *BLOOD COAGULATION, drug effects/ COLLAGEN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HYPERLIPEMIA, blood/ MALE/ *PLATELET AGGREGATION, drug effects/ *PROPANOLAMINES, pharmacodynamics/ RATS/ TIME FACTORS

2024. **De Gaetano G, Tonolli MC, Bertoni MP, et al:** Ditazole and platelets. I. Effect of ditazole on human platelet function in vitro. Haemostasis 6(2):127–36, 1977
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD COAGULATION TESTS/ CARBON RADIOISOTOPES/ *DITAZOL, pharmacodynamics/ HUMAN/ INDOMETHACIN, pharmacodynamics/ *OXAZOLES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ SEROTONIN, metabolism/ THROMBELASTOGRAPHY

2025. **de Gaetano G, Roncaglioni MC, Miragliotta G, et al:** In vitro effect of suloctidil on 14C-5-hydroxytryptamine uptake and liberation in rat platelets. Pharmacol Res Commun 9(4):315–24, Apr 77
ANIMAL/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CHLORIMIPRAMINE, pharmacodynamics/ DEXTROAMPHETAMINE, pharmacodynamics/ FENFLURAMINE, pharmacodynamics/ IMIPRAMINE, pharmacodynamics/ KINETICS/ LACTATE DEHYDROGENASE, metabolism/ MALE/ P-CHLOROAMPHETAMINE, pharmacodynamics/ *PROPANOLAMINES, pharmacodynamics/ RATS/ SEROTONIN, blood/ *SEROTONIN, metabolism/ TEMPERATURE

2026. **De Gaetano G, Cavenaghi AE, Stella L:** Ditazole and platelets. II. Effect of ditazole on in vivo platelet aggregation and bleeding time in rats. Haemostasis 6(3):190–6, 1977
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ BLOOD COAGULATION TESTS/ *DITAZOL, pharmacodynamics/ *OXAZOLES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ RATS/ TIME FACTORS

2027. **De Gasquet P, Griglio S, Pequignot-Planche E, et al:** Diurnal changes in plasma and liver lipids and lipoprotein lipase activity in heart and adipose tissue in rats fed a high and low fat diet. J Nutr 107(2):199–212, Feb 77
*ADIPOSE TISSUE, enzymology/ ANIMAL/ BLOOD SUGAR, metabolism/ BODY WEIGHT/ COMPARATIVE STUDY/ *DIETARY FATS, metabolism/ DIURNAL RHYTHM/ HYDROXYBUTYRATE DEHYDROGENASE,

metabolism/ HYDROXYBUTYRATES, blood/ INSULIN, blood/ KETONE BODIES, blood/ LIPIDS, blood/ *LIPIDS, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ *LIVER, metabolism/ MALE/ *MYOCARDIUM, enzymology/ RATS

2028. **De Groote J:** Somatische aspecten van chronisch alcoholisme Tijdschr Gastroenterol 19(2):103–16, 1976 (52 ref.) (Eng. Abstr.) **(Dut)**
*ALCOHOLISM/ ALCOHOLISM, complications/ AMBLYOPIA, etiology/ ANEMIA, MACROCYTIC, chemically induced/ ENGLISH ABSTRACT/ HUMAN/ HYPERGLYCEMIA, chemically induced/ HYPOGLYCEMIA, chemically induced/ KORSAKOFF'S SYNDROME, chemically induced/ LEUKOCYTES, drug effects/ NEUROLOGIC MANIFESTATIONS/ PANCREATITIS, chemically induced/ REVIEW/ THROMBOPENIA, chemically induced/ WERNICKE'S ENCEPHALOPATHY, chemically induced

2029. **Deguchi K:** [Classification of platelet function abnormalities (author's transl)] Jpn J Clin Hematol 17(7):716–29, Jul 76 (98 ref.) **(Jpn)**
BLOOD COAGULATION DISORDERS, congenital/ *BLOOD PLATELET DISORDERS, classification/ HEMORRHAGIC THROMBOCYTHEMIA, classification/ HUMAN/ PLATELET AGGREGATION/ REVIEW/ VON WILLEBRAND'S DISEASE, physiopathology

2030. **de Haën C, Swanson E, Teller DC:** The evolutionary origin of proinsulin. Amino acid sequence homology with the trypsin-related serine proteases detected and evaluated by new statistical methods. J Mol Biol 106(3):639–61, 25 Sep 76
AMINO ACID SEQUENCE/ ANIMAL/ COMPARATIVE STUDY/ COMPUTERS, DIGITAL/ *EVOLUTION/ INSULIN/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ *PROINSULIN/ PROTEIN CONFORMATION/ SERINE/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2031. **Dejanov II, Nedelkoski J, Bojadžiev I, et al:** The prothrombin activation in stored blood.
God Zb Med Fak Skopje 22:49–61, 1976
BLOOD DONORS/ *BLOOD PRESERVATION/ COMPLEMENT/ ENZYME ACTIVATION/ FIBRINOLYSIS/ HUMAN/ PLATELET AGGREGATION/ *PROTHROMBIN, physiology

2032. **Dejmek J, Preiss J:** Hemofilie na Slovensku II. Hemofilie a selekce Vnitr Lek 22(9):870–9, Sep 76 (Eng. Abstr.) **(Cze)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ CZECHOSLOVAKIA/ ENGLISH ABSTRACT/ HEMOPHILIA, familial & genetic/ *HEMOPHILIA, occurrence/ HUMAN/ MALE/ MIDDLE AGE/ SELECTION (GENETICS)

2033. **De Jong WW, Nuy-Terwindt EC, Versteeg M:** Primary structures of alpha-crystallin A chains of elephant, whale, hyrax and rhinoceros. Biochim Biophys Acta 491(2):573–80, 25 Apr 77
AMINO ACID SEQUENCE/ ANIMAL/ *CETACEA/ COMPARATIVE STUDY/ *CRYSTALLINS/ *ELEPHANTS/ *HYRAXES/ *MAMMALS/ PEPTIDE FRAGMENTS, analysis/ *PERISSODACTYLA/ SPECIES SPECIFICITY/ TRYPSIN/ *WHALES

2034. **DeJoseph RL, Shiroff RA, Levenson LW, et al:** Echocardiographic diagnosis of intraventricular clot. Chest 71(3):417–9, Mar 77
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *ECHOCARDIOGRAPHY/ HEART NEOPLASMS, diagnosis/ *HEART VENTRICLE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ MYXOMA, diagnosis/ *THROMBOSIS, diagnosis

2035. **de la Rocha AG, Plume SK, Baird RJ:** Thrombosis of Björk-Shiley aortic valve prosthesis: report of three cases. Can Med Assoc J 116(10):1158–60, 21 May 77
ADULT/ ANTICOAGULANTS, therapeutic use/ AORTIC VALVE INSUFFICIENCY, etiology/ AORTIC VALVE STENOSIS, etiology/ *AORTIC VALVE, surgery/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOSIS, etiology/ THROMBOSIS, prevention & control/ THROMBOSIS, surgery

2036. **de la Vega Vázquez JM, Vivancos Escobar JA, Bolaños Díaz A, et al:** Estudio comparativo de la viscosidad sanguínea, tromboelastograma y agregación plaquetaria en sujetos normales y bronquíticos crónicos con poliglobulia secundaria Rev Clin Esp 142(3):223–6, 15 Aug 76 (Eng. Abstr.) **(Spa)**
BLOOD VISCOSITY/ *BRONCHITIS, blood/ CHRONIC DISEASE/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ MALE/ PLATELET AGGREGATION/ *POLYCYTHEMIA, etiology/ THROMBELASTOGRAPHY/ THROMBIN, analysis

2037. **De La Vega Vázquez JM, Vivancos Escobar J, Gil Zaragüeta J, et al:** Efectos sobre la viscosidad sanguínea, tromboelastograma y agregación plaquetaria de la administración de un 'plasma expandar' previa sangría a los bronquíticos crónicos con poliglobulia secundaria. Rev Clin Esp 145(6):427–31, 30 Jun 77 (Eng. Abstr.) **(Spa)**
ADULT/ BLOOD COAGULATION, drug effects/ BLOOD VISCOSITY, drug effects/ *BRONCHITIS, blood/ BRONCHITIS, therapy/ CHRONIC DISEASE/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PLASMA SUBSTITUTES, therapeutic use/ PLATELET AGGREGATION, drug effects/ POLYCYTHEMIA, etiology/ *POLYCYTHEMIA, therapy/ THROMBELASTOGRAPHY

2038. **Delage JM, Simard J, Lehner-netsch G:** The enhancement of the haemolytic activity of the first component of complement by trasylol. Immunology 31(4):601–6, Oct 76
*COMPLEMENT 1/ *COMPLEMENT/ ESTERASES, antagonists & inhibitors/ *HEMOLYSIS, drug effects/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KINETICS

2039. **De Lange JA, Rutten WP, Schmidt NA, et al:** Automation in the hematology laboratory.
J Clin Chem Clin Biochem 14(10):485–97, Oct 76
*BLOOD CELL COUNT, instrumentation/ BLOOD PLATELETS/ DIAGNOSTIC ERRORS/ ERYTHROCYTE COUNT/ HEMATOCRIT/ HEMOGLOBINS, analysis/ HUMAN/ LEUKOCYTE COUNT

2040. **Delaruelle J, Marquet J:** Coagulant fractions of snake venom and the control of capillary bleeding during microsurgery of the ear in vivo demonstration.
Arch Otorhinolaryngol (NY) 217(1):87–92, 30 Jun 77 (Eng. Abstr.)
ADULT/ ANESTHESIA, GENERAL/ *BLOOD COAGULATION, drug effects/ CAPILLARIES/ CASE REPORT/ CHOLESTEATOMA, surgery/ *EAR DISEASES, surgery/ EAR NEOPLASMS, surgery/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, drug therapy/ *HEMOSTASIS, SURGICAL/ HUMAN/ MALE/ *MICROSURGERY, methods/ MIDDLE AGE/ *SNAKE VENOMS, administration & dosage/ STAPES SURGERY

2041. **Delbecque H:** Prévention de la maladie thrombo-embolique veineuse. Soins 22(17):9–16, 5 Sep 77 **(Fre)**
ANTICOAGULANTS, therapeutic use/ EARLY AMBULATION/ HUMAN/ PHLEBITIS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ RECURRENCE/ *THROMBOEMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

2042. **Delbecque H:** Les complications de la maladie thrombo-embolique veineuse. Soins 22(17):17–27, 5 Sep 77 **(Fre)**
HUMAN/ *HYPERTENSION, PULMONARY, etiology/ LEG ULCER, etiology/ LYMPHEDEMA, etiology/ *PULMONARY EMBOLISM, etiology/ PULMONARY HEART DISEASE, etiology/ *THROMBOEMBOLISM, complications/ *THROMBOPHLEBITIS, complications

2043. **De Lima OG, Viana E João Pires SP, De Carvalho:** Menandiona e seu efeito estimulante no crescimento de animais jovens Rev Inst Antibiot (Recife) 14(1-2):29-38, Dec 74 (Eng. Abstr.) **(Por)**
ANALYSIS OF VARIANCE/ ANIMAL/ BACITRACIN, pharmacodynamics/ BODY WEIGHT, drug effects/ CHICKENS/ COMPARATIVE STUDY/ DACTINOMYCIN, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ *GROWTH, drug effects/ MALE/ OXYTETRACYCLINE, pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS/ *VITAMIN K, pharmacodynamics

2044. **Della Pietra D, Pica M, Granata G, et al:** Complicanze della alimentazione parenterale totale in pediatria Studio clinico-statistico su 185 pazienti Minerva Pediatr 28(31):1871-8, 6 Oct 76 (Eng. Abstr.) **(Ita)**
ENGLISH ABSTRACT/ HUMAN/ HYPERGLYCEMIA, etiology/ INFANT/ INFANT, NEWBORN/ JAUNDICE, etiology/ *PARENTERAL FEEDING, adverse effects/ *PARENTERAL HYPERALIMENTATION, adverse effects/ SEPTICEMIA, etiology/ STAPHYLOCOCCUS AUREUS, isolation & purification/ THROMBOPHLEBITIS, etiology

2045. **Dellimore JW:** Conductimetric investigation of erythrocyte behaviour during shear flow of concentrated suspensions through a large tube. Proc R Soc Lond [Biol] 193(1113):359-85, 30 Jun 76
ANIMAL/ *BLOOD VISCOSITY/ DOGS/ *ERYTHROCYTES, physiology/ MODELS, BIOLOGICAL

2046. **Delobel J:** Thrombopathies des syndromes myéloprolifératifs Nouv Rev Fr Hematol 16(3):443-6, 1976 (Eng. Abstr.) **(Fre)**
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS, ultrastructure/ COLLAGEN, pharmacodynamics/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ HUMAN/ *LEUKEMIA, blood/ MEGAKARYOCYTES/ *MYELOPROLIFERATIVE DISORDERS, blood/ NUCLEOTIDES, metabolism/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION

2047. **de Lorimier AA:** Hepatic tumors of infancy and childhood. Surg Clin North Am 57(2):443-8, Apr 77 (31 ref.)
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA, surgery/ *HEPATOMA, surgery/ HUMAN/ HYPERPLASIA/ INFANT/ LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, pathology/ *LIVER NEOPLASMS, surgery/ LIVER, pathology/ MALE/ NEOPLASM METASTASIS/ POSTOPERATIVE CARE/ PREOPERATIVE CARE/ RADIONUCLIDE IMAGING/ REVIEW

2048. **Del Piano M:** Lo staphylococcus epidermidis: un saprofita Recent Prog Med (Roma) 60(2):207-32, Feb 76 (202 ref.) (Eng. Abstr.) **(Ita)**
ANTIBIOTICS, pharmacodynamics/ BIOTIN, metabolism/ COAGULASE, biosynthesis/ DEOXYRIBONUCLEASE, analysis/ ENDONUCLEASES, biosynthesis/ ENGLISH ABSTRACT/ ENTEROTOXINS, biosynthesis/ HEMOLYSINS, biosynthesis/ HYALURONIDASE, biosynthesis/ LIPASE, biosynthesis/ MANNITOL, metabolism/ PHOSPHATASES, biosynthesis/ REVIEW/ *STAPHYLOCOCCUS/ STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, metabolism/ STAPHYLOCOCCUS, pathogenicity/ UREASE, biosynthesis

2049. **Del Principe D, Mancuso G, Menichelli A, et al:** Oxygen consumption in platelets of newborn infants before and after stimulation by thrombin. Thromb Haemostas 35(3):712-6, 30 Jun 76
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CYANIDES, pharmacodynamics/ DEOXYGLUCOSE, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ FETAL BLOOD/ HUMAN/ *INFANT, NEWBORN/ *OXYGEN CONSUMPTION/ POTASSIUM/ STIMULATION, CHEMICAL/ *THROMBIN, pharmacodynamics/ TIME FACTORS

2050. **Del Principe D, Menichelli A, Damiano AM, et al:** Cyanide insensitive oxidase in platelets of newborn infant. Thromb Haemostas 37(2):339-43, 30 Apr 77
*BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ CYANIDES/ HUMAN/ *INFANT, NEWBORN/ *OXIDOREDUCTASES, blood/ OXYGEN CONSUMPTION

2051. **del Regato JA:** Pathways of metastatic spread of malignant tumors. Semin Oncol 4(1):33-8, Mar 77
ABDOMINAL NEOPLASMS, pathology/ CEREBROVASCULAR CIRCULATION/ HUMAN/ LUNG, pathology/ LYMPHATIC METASTASIS, pathology/ LYMPHATIC SYSTEM, pathology/ NEOPLASM CIRCULATING CELLS/ *NEOPLASM METASTASIS, pathology/ PELVIC NEOPLASMS, pathology/ PLEURAL EFFUSION, cytology/ PULMONARY EMBOLISM, pathology/ THORACIC NEOPLASMS, pathology/ VEINS, pathology

2052. **Del Rio HG, Soria N, Gotta H:** La centellografía de perfusión en la tromboembolia pulmonar Medicina (B Aires) 36(3):247-54, May-Jun 76 **(Spa)**
HUMAN/ PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING

2053. **De Luca S:** Incorporation of mannose and glucose into prenylphosphate sugars in isolated human platelet membranes. Biochim Biophys Acta 498(1):341-8, 21 Jul 77
*BLOOD PLATELETS, metabolism/ *BLOOD SUGAR, metabolism/ CATIONS, DIVALENT/ CATIONS, MONOVALENT/ CELL MEMBRANE, metabolism/ GLYCOLIPIDS, blood/ GUANOSINE DIPHOSPHATE MANNOSE, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *MANNOSE, blood/ ORGANOPHOSPHORUS COMPOUNDS, blood/ *TERPENES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ URIDINE DIPHOSPHATE GLUCOSE, metabolism

2054. **De Marco L, Peruffo R, Virgolini L, et al:** Influena del beta-benzalbutirrato sodico sull'adhesività ed aggregazione plastrinica. Studio su soggetti normali e coronarici Clin Ter 76(5):419-28, 15 Mar 76 **(Ita)**
*BENZALBUTYRIC ACID, therapeutic use/ *BUTYRATES, therapeutic use/ CORONARY DISEASE, blood/ *CORONARY DISEASE, drug therapy/ DRUG EVALUATION/ HUMAN/ *PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION, drug effects

2055. **de Marco L, Fabris F, Molaro G, et al:** The effect of heparin on the interaction of factor VIII and human platelets in vitro. Haemostasis 6(3):163-70, 1977
*BLOOD PLATELETS, metabolism/ CRYOGLOBULINS/ *FACTOR VIII, metabolism/ *HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ NEURAMINIDASE, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ PRECIPITATION/ RISTOCETIN, pharmacodynamics

2056. **Dembowski U, Dembowski J, Teodoro S:** Die Begutachtung arterieller Durchblutungsstörungen Berufsdermatosen 24(6):156-66, 1976 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ *ARTERIAL OCCLUSIVE DISEASES, diagnosis/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ *DISABILITY EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MILITARY MEDICINE/ PROGNOSIS

2057. **de Médicis R, Reboux JF, Lussier A:** Le liquide synovial. Revue de la littérature de 1972 a 1975
Pathol Biol (Paris) 24(9):641-56, Nov 76 (268 ref.) (Eng. Abstr.) **(Fre)**
ANTINUCLEAR FACTORS, analysis/ BLOOD COAGULATION FACTORS, analysis/ BLOOD

PROTEINS, analysis/ CARBOHYDRATES, analysis/ CELL MEMBRANE PERMEABILITY/ CHEMISTRY, PHYSICAL/ COMPLEMENT, analysis/ ENGLISH ABSTRACT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ JOINT DISEASES, enzymology/ LACTOFERRIN, analysis/ LIPIDS, analysis/ PRESSURE/ PROSTAGLANDINS, analysis/ REVIEW/ RHEUMATOID FACTOR, analysis/ *SYNOVIAL FLUID/ SYNOVIAL FLUID, analysis/ SYNOVIAL FLUID, cytology/ SYNOVIAL FLUID, enzymology/ SYNOVIAL FLUID, microbiology/ VISCOSITY

2058. **Demidenko OE, Tsvetkova SE:** Vykhod DNK iz iader gepatotsitov krys pri obrabotke ikh geparinom. Biull Eksp Biol Med 83(5):551-3, May 77 (Eng. Abstr.) **(Rus)**

ANIMAL/ *DNA, metabolism/ ENGLISH ABSTRACT/ *HEPARIN, pharmacodynamics/ HISTONES, metabolism/ *LIVER, drug effects/ LIVER, metabolism/ MALE/ NUCLEOPROTEINS, metabolism/ RATS

2059. **Demidiuk PF, Usenko KS, Ganul IuL, et al:** Otdalennye rezul'taty splenéktomii pri bolezni Verl'gofa Probl Gematol Pereliv Krovi 22(3):19-23, Mar 77 (Eng. Abstr.) **(Rus)**

ADOLESCENCE/ ADULT/ BLOOD PLATELETS, physiology/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HEMORRHAGE, physiopathology/ HEMORRHAGIC DIATHESIS, physiopathology/ HUMAN/ MALE/ MIDDLE AGE/ PURPURA, THROMBOPENIC, physiopathology/ *PURPURA, THROMBOPENIC, surgery/ RECURRENCE/ *SPLENECTOMY

2060. **DeMoss JA:** Limited proteolysis of nitrate reductase purified from membranes of Escherichia coli. J Biol Chem 252(5):1696-701, 10 Mar 77

CELL MEMBRANE, enzymology/ *ESCHERICHIA COLI, enzymology/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *NITRATE REDUCTASES/ NITRATE REDUCTASES, isolation & purification/ NITRATE REDUCTASES, metabolism/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2061. **de Mourgues G:** Traitement non opératoire des infections précoces après prothèse totale Rev Chir Orthop 61 Suppl 2:31-2, 1975 **(Fre)**

ANTIBIOTICS, therapeutic use/ *BACTERIAL INFECTIONS, drug therapy/ BACTERIAL INFECTIONS, etiology/ HEMATOMA, drug therapy/ HEMATOMA, etiology/ HIP JOINT/ HUMAN/ *JOINT PROSTHESIS, adverse effects/ *SURGICAL WOUND INFECTION, drug therapy

2062. **DeNardo SJ, Hershgold EJ, DeNardo GL, et al:** Radioactive labeling of protein carboxyl groups on factor VIII: use of carbodiimides for nuclear medicine. J Nucl Med 18(5):472-7, May 77

*CARBODIIMIDES/ ELECTROPHORESIS, AGAR GEL/ ELECTROPHORESIS, CELLULOSE ACETATE/ *FACTOR VIII/ FACTOR VIII, analysis/ HUMAN/ *ISOTOPE LABELING, methods/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2063. **DeNardo SJ, DeNardo GL:** Iodine-123-fibrinogen scintigraphy. Semin Nucl Med 7(3):245-51, Jul 77

BUTTOCKS/ EXTREMITIES, blood supply/ FEMORAL VEIN/ *FIBRINOGEN, diagnostic use/ HEMATOMA, diagnosis/ HUMAN/ ILIAC VEIN/ *IODINE RADIOISOTOPES, diagnostic use/ PELVIS, blood supply/ *RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, diagnosis

2064. **Dencer D:** Plastic surgery. Practitioner 218(1304):244-8, Feb 77

ADOLESCENCE/ CLEFT LIP, surgery/ CLEFT PALATE, surgery/ HEMANGIOMA, surgery/ HUMAN/ SKIN NEOPLASMS, surgery/ *SURGERY, PLASTIC/ WOUNDS AND INJURIES, surgery

2065. **Denck H:** Chirurgische Behandlung der akuten Bein-Beckenvenenthrombose Acta Med Austriaca 3(4):135-7, 1976 (Eng. Abstr.) **(Ger)**

ENGLISH ABSTRACT/ EVALUATION STUDIES/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *LEG, blood supply/ METHODS/ *PELVIS, blood supply/ THROMBOPHLEBITIS drug therapy/ *THROMBOPHLEBITIS, surgery

2066. **de Nicola PE:** Thrombosen und Blutungen in der Geriatrie ZFA [Dresden] 31(6):553-8, 1976 (Eng. Abstr.) **(Ger)**

AGED/ *AGING/ ARTERIOSCLEROSIS, complications/ BLOOD COAGULATION/ BLOOD PLATELETS/ CELL AGGREGATION/ COAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, therapeutic use/ *HEMORRHAGE/ HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ HUMAN/ *THROMBOSIS/ THROMBOSIS, complications/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology

2067. **Denine EP, Harrison SD Jr, Peckham JC:** Qualitative and quantitative toxicity of sublethal doses of methyl-CCNU in BDF1 mice. Cancer Treat Rep 61(3):409-17, May-Jun 77

AGRANULOCYTOSIS, chemically induced/ ANEMIA, chemically induced/ ANIMAL/ BLOOD UREA NITROGEN/ BODY WEIGHT, drug effects/ *BONE MARROW, drug effects/ EPITHELIUM, drug effects/ ERYTHROCYTES, drug effects/ *GASTROENTERITIS, chemically induced/ GASTROINTESTINAL SYSTEM, drug effects/ INJECTIONS, INTRAPERITONEAL/ KIDNEY, drug effects/ LACTATE DEHYDROGENASE, blood/ LEUKOPENIA, chemically induced/ LYMPHOPENIA, chemically induced/ MALE/ MICE/ *NITROSOUREA COMPOUNDS, toxicity/ SEMUSTINE, administration & dosage/ *SEMUSTINE, toxicity/ THROMBOPENIA, chemically induced/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2068. **Denis-Donini S, Baccetti B, Monroy A:** Morphological changes of the surface of the eggs of Xenopus laevis in the course of development. 2. Cytokinesis and early cleavage. J Ultrastruct Res 57(1):104-12, Oct 76

ANIMAL/ BINDING SITES/ CELL DIVISION/ CELL MEMBRANE, metabolism/ CELL MEMBRANE, ultrastructure/ OVUM, metabolism/ PLANT AGGLUTININS/ TRYPSIN, pharmacodynamics/ XENOPUS/ *ZYGOTE, cytology/ ZYGOTE, drug effects/ ZYGOTE, metabolism

2069. **Dennis DT, Awoke S, Doberstyn EB, et al:** Bleeding in louse-borne relapsing fever in Ethiopia; clinical and laboratory features in 29 patients. East Afr Med J 53(4):220-5, Apr 76

DISSEMINATED INTRAVASCULAR COAGULATION, immunology/ ETHIOPIA/ *HEMORRHAGE, complications/ HUMAN/ IMMUNITY, CELLULAR/ INSECT VECTORS/ LICE/ *RELAPSING FEVER, complications/ RELAPSING FEVER, transmission

2070. **Denson KW:** The clotting of a snake (Crotalus viridis Helleri) plasma and its interaction with various snake venoms. Thromb Haemostas 35(2):314-23, 30 Apr 76

ANIMAL/ ANTITHROMBINS, analysis/ ARVIN, pharmacodynamics/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ FACTOR X, analysis/ PROTHROMBIN, analysis/ *SNAKE VENOMS, pharmacodynamics/ *SNAKES, blood

2071. **Denson KW:** The ratio of factor VIII-related antigen and factor VIII biological activity as an index of hypercoagulability and intravascular clotting. Thromb Res 10(1):107-19, Jan 77

*ANTIGENS/ *BLOOD COAGULATION FACTORS/ *FACTOR VIII, immunology/ FEMALE/ HUMAN/ PRE-ECLAMPSIA, blood/ PREGNANCY/ SURGERY, OPERATIVE/ *THROMBOSIS, blood/ *VON WILLEBRAND FACTOR

2072. **Denucé JM:** Some characteristics of a hatching enzyme produced by the marine Teleost, Gobius jozo [proceedings]. Arch Int Physiol Biochim 84(5):1067-8, Dec 76

ANIMAL/ CHORION, metabolism/ *EMBRYO, enzymology/ FISHES, embryology/ *FISHES,

physiology/ HYDROGEN-ION CONCENTRATION/ KINETICS/ OVUM, physiology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

2073. **DePalma RG, Koletsky S, Bellon EM, et al:** Failure of regression of atherosclerosis in dogs with moderate cholesterolemia. Atherosclerosis 27(3):297–310, Jul 77
ANIMAL/ AORTA, pathology/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, pathology/ CAROTID ARTERIES, pathology/ *CHOLESTEROL, blood/ CORONARY VESSELS, pathology/ *DIET, ATHEROGENIC/ DOGS/ MALE/ MESENTERIC ARTERIES, pathology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2074. **Département d'Anesthésie-Réanimation, Groupe hospitalier La Timone – 13385 Marseille Cedex 4.:** Les troubles de l'hémostase dans les septicémies. A propos de 65 observations Ann Anesthesiol Fr 17(3):45–9, 1976 (Eng. Abstr.) **(Fre)**
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ COMPARATIVE STUDY/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ENGLISH ABSTRACT/ HEMOSTASIS/ HUMAN/ *SEPTICEMIA, complications/ SEPTICEMIA, microbiology

2075. **DePena ME:** False positive reactions in dialysis patients [letter] Transfusion 17(3):289–90, May–Jun 77
FALSE POSITIVE REACTIONS/ FIBRIN/ *HEMODIALYSIS/ HEPARIN, therapeutic use/ *HEPATITIS B ANTIGENS, analysis/ PROTAMINES, pharmacodynamics

2076. **De Pisi C, Guarini G, Ceccon MA:** Alterazioni della funzione liporegolatrice del polmone in soggetti affetti da enfisema polmonare cronico Boll Soc Ital Biol Sper 52(14):1032–5, 30 Jul 76 **(Ita)**
BLOOD VISCOSITY/ CHRONIC DISEASE/ HUMAN/ *LIPIDS, blood/ LUNG COMPLIANCE/ MIDDLE AGE/ PHOSPHOLIPIDS, blood/ PULMONARY ARTERY, metabolism/ *PULMONARY EMPHYSEMA, blood/ PULMONARY EMPHYSEMA, physiopathology

2077. **Deppisch LM, Fayemi AO:** Non-bacterial thrombotic endocarditis: clinicopathologic correlations. Am Heart J 92(6):723–9, DEC 76
ADULT/ AGED/ AUTOPSY/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ *CORONARY DISEASE, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *ENDOCARDITIS, complications/ FEMALE/ *HEART VALVE DISEASES, complications/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASMS, complications/ THROMBOPHLEBITIS, complications

2078. **de Quiros JF, Hess H:** Uber den Einfluss von Isoxsuprin-HCl auf die Fliessfähigkeit des Blutes Fortschr Med 94(29):1661–4, 14 Oct 76 **(Ger)**
*BLOOD VISCOSITY, drug effects/ HEMATOCRIT/ INJECTIONS, INTRAVENOUS/ ISOXSUPRINE, administration & dosage/ *ISOXSUPRINE, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ TIME FACTORS

2079. **Dequirot A:** Embolie pulmonaire: physiopathologie des symptômes Rev Prat 26(59):4221–4, 21 Dec 76 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ HUMAN/ *PULMONARY EMBOLISM, physiopathology

2080. **deRepentigny J, Mathieu LG, Coallier-Ascah J:** Accroissement par Staphylococcus aureus de la résistance de la souris envers l'infection par Pseudomonas aeruginosa Can J Microbiol 22(7):1024–33, Jul 76 (Eng. Abstr.) **(Fre)**
ANTITOXINS, therapeutic use/ ASCITIC FLUID, microbiology/ COAGULASE, biosynthesis/ ENGLISH ABSTRACT/ GAMMA GLOBULINS, therapeutic use/ HEAT/ METHICILLIN, therapeutic use/ MONILIASIS, prevention & control/ PSEUDOMONAS AERUGINOSA, growth & development/ PSEUDOMONAS INFECTIONS, microbiology/ *PSEUDOMONAS INFECTIONS, prevention & control/ *STAPHYLOCOCCAL INFECTIONS, immunology/ STAPHYLOCOCCUS AUREUS, enzymology/ STAPHYLOCOCCUS AUREUS, immunology

2081. **Dereume JP, Goldstein M:** Lésions vasculaires iatrogènes en chirurgie. Acta Chir Belg 76(3):333–9, May–Jun 77 (Eng. Abstr.) **(Fre)**
ANEURYSM, etiology/ ANGIOGRAPHY, adverse effects/ ANIMAL/ AORTA, ABDOMINAL/ AORTIC ANEURYSM, etiology/ BLOOD VESSEL PROSTHESIS, adverse effects/ CATHETERIZATION, adverse effects/ COLON, blood supply/ EMBOLISM, etiology/ ENGLISH ABSTRACT/ *IATROGENIC DISEASE/ ILIAC ARTERY/ ISCHEMIA/ *POSTOPERATIVE COMPLICATIONS/ THROMBOSIS, etiology/ *VASCULAR DISEASES, etiology

2082. **Deriagina GP, Sinitsyna TS, Veselova TV:** Vliianie zvukovogo razdrazheniia na lipidnyĭ obmen, pokazateli sistemy svertyvaniia krovi i razvitie éksperimental'nogo ateroskleroza u krolikov Fiziol Zh SSSR 62(8):1171–81, Aug 76 (Eng. Abstr.) **(Rus)**
*ACOUSTIC STIMULATION, adverse effects/ ANIMAL/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, pathology/ *BLOOD COAGULATION/ CHINCHILLAS/ CHOLESTEROL, blood/ CORONARY VESSELS, pathology/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ *LIPIDS, blood/ LIPOPROTEINS, LDL, blood/ MALE/ RABBITS/ STRESS, complications/ STRESS, etiology/ TIME FACTORS

2083. **Deriagina GP:** Vliianie misklerona na nekotorye pokazateli gemokoaguliatsii u bol'nykh ishemicheskoĭ bolezn'iu serdtsa. Kardiologiia 17(3):141–2, Mar 77 **(Rus)**
ADULT/ AGED/ *BLOOD COAGULATION, drug effects/ CLOFIBRATE, pharmacodynamics/ *CLOFIBRATE, therapeutic use/ *CORONARY DISEASE, blood/ CORONARY DISEASE, drug therapy/ FEMALE/ HUMAN/ HYPERLIPEMIA, blood/ HYPERLIPEMIA, complications/ MALE/ MIDDLE AGE

2084. **Deriugo NK:** Primenenie trasilola pri lechenii gnoĭnoĭ khirurgicheskoĭ infektsii u deteĭ. Khirurgiia (Mosk) (6):86–90, Jun 77 (Eng. Abstr.) **(Rus)**
CASE REPORT/ CHILD/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ *OSTEOMYELITIS, drug therapy/ ROLITETRACYCLINE, therapeutic use/ *STAPHYLOCOCCAL INFECTIONS, drug therapy/ TROPICAL MEDICINE/ *WOUND INFECTION, drug therapy

2085. **Derks CM, Jacobovitz-Derks D:** Embolic pneumopathy induced by oleic acid. A systematic morphologic study. Am J Pathol 87(1):143–58, Apr 77
ANIMAL/ CAPILLARIES, pathology/ *DISEASE MODELS, ANIMAL/ DOGS/ *EMBOLISM, FAT, chemically induced/ EMBOLISM, FAT, pathology/ LUNG, blood supply/ LUNG, pathology/ *OLEIC ACIDS/ PULMONARY ALVEOLI, pathology/ PULMONARY EMBOLISM, pathology/ *PULMONARY FIBROSIS, chemically induced/ PULMONARY FIBROSIS, pathology

2086. **Dermietzel R, Meller K, Tetzlaff W, et al:** In vivo and in vitro formation of the junctional complex in choroid epithelium. A freeze-etching study. Cell Tissue Res 181(4):427–41, 19 Jul 77
ANIMAL/ CHICK EMBRYO/ *CHOROID PLEXUS, ultrastructure/ ENDOCYTOSIS/ EPITHELIAL CELLS, ultrastructure/ FREEZE ETCHING/ *INTERCELLULAR JUNCTIONS/ MICROSCOPY, ELECTRON, SCANNING/ TIME FACTORS/ TISSUE CULTURE/ TRYPSIN

2087. **DeSa DJ:** The spectrum of ischemic bowel disease in the newborn. Perspect Pediatr Pathol 3:273–309, 1976 (123

ref.)
ANOXIA, complications/ BACTERIAL INFECTIONS, complications/ CONSTRICTION, PATHOLOGIC, complications/ ENTEROCOLITIS, ACUTE, etiology/ EXCHANGE TRANSFUSION, adverse effects/ FETAL DEATH/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ INFANT, NEWBORN, DISEASES, etiology/ INFANT, NEWBORN, DISEASES, pathology/ INFARCTION, complications/ *INTESTINES, blood supply/ INTESTINES, pathology/ *ISCHEMIA/ ISCHEMIA, etiology/ ISCHEMIA, pathology/ MEGACOLON, pathology/ NECROSIS/ REVIEW/ THROMBOEMBOLISM, complications

2088. **Deschamps P, Leroy D, Potier J:** Nécrose aiguë des doigts et des orteils au cours d'une coagulation intra-vasculaire disséminée Nouv Presse Med 5(29):1837, 11 Sep 76 **(Fre)**
AGED/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *FINGERS, blood supply/ HUMAN/ MALE/ *NECROSIS, etiology/ *TOES, blood supply

2089. **De Sena J, Mandel B:** Studies on the in vitro uncoating of poliovirus. II. Characteristics of the membrane-modified particle. Virology 78(2):554–66, 15 May 77
*CAPSID/ CAPSID, metabolism/ CELL MEMBRANE, microbiology/ CHYMOTRYPSIN, pharmacodynamics/ HELA CELLS/ POLIOVIRUS, drug effects/ *POLIOVIRUS, growth & development/ POLIOVIRUS, metabolism/ RIBONUCLEASE, pharmacodynamics/ SODIUM DODECYL SULFATE, pharmacodynamics/ TISSUE EXTRACTS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VIRAL PROTEINS/ VIRAL PROTEINS, metabolism/ *VIRUS REPLICATION

2090. **de Seta L, Arsieri R, Zeilinger G:** Le immunoglobuline del liquido cefalo-rachidiano. Rilievi in alcune condizioni patologiche del neonato Minerva Pediatr 28(16):939–45, 5 May 76 (Eng. Abstr.) **(Ita)**
ANTIBODY FORMATION/ ENGLISH ABSTRACT/ HEMORRHAGIC DISEASE OF NEWBORN, immunology/ HUMAN/ *IMMUNOGLOBULINS, cerebrospinal fluid/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, immunology/ MENINGITIS, immunology

2091. **deShazo RD, Levinson AI, Boehm T, et al:** Severe persistent biphasic local (immediate and late) skin reactions to insulin. J Allergy Clin Immunol 59(2):161–4, Feb 77
ASPERGILLUS FUMIGATUS, immunology/ BIOPSY/ CASE REPORT/ COMPLEMENT 3, analysis/ *DIABETES MELLITUS, complications/ DIABETES MELLITUS, drug therapy/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ *HYPERSENSITIVITY, etiology/ HYPERSENSITIVITY, immunology/ IMMUNOGLOBULINS, analysis/ INSULIN ANTIBODIES, analysis/ INSULIN, adverse effects/ *INSULIN, immunology/ INSULIN, therapeutic use/ MIDDLE AGE/ SKIN TESTS/ SKIN, analysis/ SKIN, immunology

2092. **Desjardins C, Zeleznik AJ, Midgley AR Jr, et al:** In vitro binding and autoradiographic localization of human chorionic gonadotropin and follicle stimulating hormone in rat testes during development.
Curr Top Mol Endocrinol 1:221–35, 1974
ANIMAL/ AUTORADIOGRAPHY/ *FSH, metabolism/ *GONADOTROPINS, CHORIONIC, metabolism/ IN VITRO/ MALE/ PEPSIN, pharmacodynamics/ PRONASE, pharmacodynamics/ RATS/ *RECEPTORS, HORMONE/ RECEPTORS, HORMONE, drug effects/ *SEX MATURATION/ *TESTIS, metabolism/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2093. **Desmons F, Simon M:** Choix des méthodes et résultats du traitement des angiomes tubéreux du jeune enfant (d'après 420 cas observés en 6 ans de 1970 à 1975) Lille Med 21(6):500–6, Jun-Jul 76 **(Fre)**
AGE FACTORS/ *HEMANGIOMA, therapy/ *HEMANGIOMA, CAVERNOUS, therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ METHODS

2094. **Desnos J, Reynaud J, Bornhauser X, et al:** Deux cas d'histiocytose sinusale ganglionnaire. Une rubrique nouvelle en pathologie cervicale et rhino-pharyngo-laryngée
Ann Otolaryngol Chir Cervicofac 93(3):194–203, Mar 76 **(Fre)**
CASE REPORT/ FEMALE/ *GLOTTIS, pathology/ HEMANGIOMA, diagnosis/ *HEMANGIOMA, pathology/ HEMANGIOMA, radiotherapy/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ LARYNGEAL NEOPLASMS, diagnosis/ *LARYNGEAL NEOPLASMS, pathology/ LARYNGEAL NEOPLASMS, radiotherapy/ LARYNGEAL NEOPLASMS, surgery/ MALE/ TRACHEOTOMY

2095. **Desnoyers P:** Synthetische Verbindungen mit fibrinolytischer und thrombolytischer Aktivität. I. Pharmakologische Betrachtungen
Folia Haematol (Leipz) 103(3):351–6, 1976 **(Ger)**
CATS/ CATTLE/ COMPARATIVE STUDY/ DOGS/ FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ IN VITRO/ RABBITS/ RATS/ SPECIES SPECIFICITY/ STREPTOKINASE, pharmacodynamics/ SWINE/ THYMOL, pharmacodynamics/ UROKINASE, pharmacodynamics

2096. **Desnoyers P, Samama M:** Synthetische Verbindungen mit fibrinolytischer und thrombolytischer Aktivität. 2. Untersuchungen zum Wirkungsmechanismus
Folia Haematol (Leipz) 103(3):357–62, 1976 **(Ger)**
ALCOHOLS, AMYL, pharmacodynamics/ *FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ HYDRAZINES, pharmacodynamics/ THYMOL, pharmacodynamics

2097. **D'Esposito RF, Ferraro LR, Wogalter H:** Hemangioma of the testis in an infant. J Urol 116(5):677–8, Nov 76
CASE REPORT/ CASTRATION/ DIAGNOSTIC ERRORS/ HEMANGIOMA, diagnosis/ *HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ MALE/ TESTICULAR NEOPLASMS, diagnosis/ *TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, surgery/ TESTIS, pathology

2098. **Despot I, Syo DD, Lovrenčic M:** Mogućnosti kirurškog liječenja akutnih tromboza i kroničnih obliteracija zdjeličnih vena Acta Chir Iugosl 24(1 Suppl):403–9, 1977 (Eng. Abstr.) **(Scr)**
ACUTE DISEASE/ ADULT/ ARTERIOVENOUS SHUNT, SURGICAL, methods/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMORAL VEIN, surgery/ HUMAN/ ILIAC VEIN, surgery/ *PELVIS, blood supply/ *THROMBOPHLEBITIS, surgery

2099. **de Swart CA, Sixma JJ, Akkerman JW, et al:** Dilution with normal plasma in a heparin assay [letter]
Thromb Haemostas 37(3):575–6, 30 Jun 77
*HEPARIN, analysis/ HUMAN/ METHODS

2100. **de Tezanos Pinto M:** Home therapy in Argentina.
Scand J Haematol (30):72–3, 1977
FACTOR VIII/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN

2101. **de Torquat S, Demarez JP, Paillard J, et al:** Valeur de la scintigraphie pour le diagnostic d'urgence de l'embolie pulmonaire. 27 observations Nouv Presse Med 6(35):2307–9, 23 Oct 76 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ EMERGENCIES/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MICROSPHERES/ MIDDLE AGE/ PARIS/ PERFUSION/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, surgery/ *RADIONUCLIDE IMAGING/ RADIONUCLIDE IMAGING, methods/ RETROSPECTIVE STUDIES/ TECHNETIUM

2102. **de Tovar G, Akerman M:** L'Echographie et la Gammagraphie Cérébrale dans les traumatismes cranio-faciaux Rev Stomatol Chir Maxillofac 77(7):901-7, Oct-Nov 76 (Eng. Abstr.) **(Fre)**
*BRAIN INJURIES, ACUTE, diagnosis/ BRAIN INJURIES, ACUTE, etiology/ BRAIN, radiography/ CEREBRAL ANGIOGRAPHY/ CEREBRAL HEMORRHAGE, diagnosis/ CEREBROSPINAL RHINORRHEA, radiography/ *ECHOENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ *FACIAL INJURIES, complications/ HEMATOMA, diagnosis/ HEMATOMA, EPIDURAL/ HUMAN/ *RADIONUCLIDE IMAGING/ *SKULL, injuries/ SPECIALISM

2103. **Dettori AG, Ponari O, Civardi E, et al:** Impaired fibrin formation in advanced cirrhosis. Haemostasis 6(2):137-48, 1977
ADULT/ AGED/ BLOOD COAGULATION TESTS/ *FIBRIN, metabolism/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HUMAN/ *LIVER CIRRHOSIS, blood/ MIDDLE AGE/ POLYMERS, analysis/ THROMBIN, analysis/ TIME FACTORS

2104. **Deuel TF, Keim PS, Farmer M, et al:** Amino acid sequence of human platelet factor 4. Proc Natl Acad Sci USA 74(6):2256-8, Jun 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BLOOD COAGULATION FACTORS/ HUMAN/ PEPTIDE FRAGMENTS, analysis/ *PLATELET FACTOR 4/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2105. **Deutsch DG:** An orthomolecular approach to thrombolysis. Perspect Biol Med 20(2):307-9, WINTER 77
FIBRINOLYSIN, isolation & purification/ *FIBRINOLYSIN, therapeutic use/ HUMAN/ *THROMBOSIS, drug therapy

2106. **Deutsch E, Neumann E, Niessner H:** Zur Pathogenese der hämorrhagischen Diathesen bei monoclonalen Gammopathien Haematol Bluttransfus 18:357-65, 1976 **(Ger)**
BLOOD COAGULATION FACTORS, analysis/ CELL AGGREGATION/ FIBRINOLYSIS/ HEMORRHAGIC DIATHESIS, blood/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ HYPERGAMMAGLOBULINEMIA, blood/ *HYPERGAMMAGLOBULINEMIA, complications/ MACROGLOBULINEMIA, complications/ MULTIPLE MYELOMA, complications/ PLATELET ADHESIVENESS/ THROMBOPENIA, etiology

2107. **Deutsch E:** Disseminated intravascular coagulation in prostatic disease. Prog Clin Biol Res 6:313-27, 1976
ADENOCARCINOMA, blood/ AGED/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CARCINOMA, BRONCHIOLAR, blood/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEMORRHAGE, blood/ HEPARIN, administration & dosage/ HUMAN/ MALE/ NEOPLASM METASTASIS/ PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, blood/ PROSTATIC HYPERTROPHY, surgery/ *PROSTATIC NEOPLASMS, blood/ PROSTATIC NEOPLASMS, surgery

2108. **Deutsch S, Phillips WM:** An interpretation of low strain rate blood viscosity measurements: a continuum approach. Biorheology 13(5):297-307, Nov 76
BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ ELASTICITY/ MATHEMATICS/ MODELS, BIOLOGICAL/ *RHEOLOGY/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2109. **Devereux DF, Michas CA, Rice S:** Heparin pretreatment suppresses norepinephrine concentrations in dogs in endotoxic shock. Clin Chem 23(7):1346-7, Jul 77
ANIMAL/ BLOOD PRESSURE, drug effects/ DEPRESSION, CHEMICAL/ DOGS/ EPINEPHRINE, blood/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ *NOREPINEPHRINE, blood/ *SHOCK, SEPTIC, blood/ SHOCK, SEPTIC, physiopathology/ TIME FACTORS

2110. **De Virgiliis G, Mori G, Remotti G, et al:** Il corioangioma (osservazione di tre casi) Ann Ostet Ginecol Med Perinat 98(1):53-8, Jan-Feb 77 (Eng. Abstr.) **(Ita)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ PLACENTA, pathology/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, pathology/ PREGNANCY/ *UTERINE NEOPLASMS/ UTERINE NEOPLASMS, pathology

2111. **DeVoe IW, Gilka F:** Disseminated intravascular coagulation in rabbits: synergistic activity of meningococcal endotoxin and materials egested from leucocytes containing meningococci. J Med Microbiol 9(4):451-8, Nov 76
ANIMAL/ CELL WALL/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ DRUG SYNERGISM/ ENDOTOXINS, metabolism/ *ENDOTOXINS, toxicity/ KETOSES/ KIDNEY, pathology/ *LIPOPOLYSACCHARIDES, toxicity/ LUNG, pathology/ MICE/ *NEISSERIA MENINGITIDIS/ NEISSERIA MENINGITIDIS, metabolism/ NEUTROPHILS, metabolism/ PHAGOCYTOSIS/ *POLYSACCHARIDES, BACTERIAL, toxicity/ RABBITS/ STAPHYLOCOCCUS, metabolism/ SUGAR ACIDS, metabolism

2112. **DeVoe IW, Gilka F, Gilchrist JE, et al:** Pathology in rabbits treated with leukocyte-degraded meningococci in combination with meningococcal endotoxin. Infect Immun 16(1):271-9, Apr 77
ANIMAL/ COMPARATIVE STUDY/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENDOTOXINS/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ MICE/ MYOCARDIUM, pathology/ *NEISSERIA MENINGITIDIS/ NEUTROPHILS, physiology/ RABBITS/ STAPHYLOCOCCUS/ TIME FACTORS

2113. **Devoyod JJ, Millet L, Mocquot G:** Un milieu gélosé pour le dénombrement direct de Staphylococcus aureus: milieu au plasma de porc pour S. aureus (PPSA) Can J Microbiol 22(11):1603-11, Nov 76 (Eng. Abstr.) **(Fre)**
*AGAR/ BLOOD/ COAGULASE, biosynthesis/ COMPARATIVE STUDY/ DAIRY PRODUCTS/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FOOD MICROBIOLOGY/ STAPHYLOCOCCUS AUREUS, enzymology/ STAPHYLOCOCCUS AUREUS, growth & development/ *STAPHYLOCOCCUS AUREUS, isolation & purification/ SWINE

2114. **de Vries RR, Sitalsing AD, Schipperheyn JJ, et al:** Klinische aspecten van azijnzuurintoxicatie Ned Tijdschr Geneeskd 121(21):862-6, 21 May 77 (Eng. Abstr.) **(Dut)**
*ACETIC ACIDS, poisoning/ ADOLESCENCE/ ADULT/ BLOOD COAGULATION DISORDERS, chemically induced/ BURNS, CHEMICAL, complications/ CASE REPORT/ ENGLISH ABSTRACT/ ESOPHAGEAL STENOSIS, chemically induced/ FEMALE/ HEMOLYSIS/ HUMAN/ KIDNEY FAILURE, ACUTE, chemically induced/ MALE/ SUICIDE, ATTEMPTED/ SURINAM

2115. **De Vries W, Aleem MI, Hemrika-Wagner A, et al:** The functioning of cytochrome b in the electron transport to furmarate in Propionibacterium freudenreichii and Propionibacterium pentosaceum. Arch Microbiol 112(3):271-6, 1 Apr 77
AEROBIOSIS/ ANAEROBIOSIS/ CYCLIC N-OXIDES, pharmacodynamics/ *CYTOCHROMES, metabolism/ ELECTRON TRANSPORT, drug effects/ ELECTRON TRANSPORT, radiation effects/ *FUMARATES, metabolism/ HYDROXYQUINOLINES,

pharmacodynamics/ *PROPIONIBACTERIUM, metabolism/ ULTRAVIOLET RAYS/ VITAMIN K, metabolism

2116. **de Vries WR, Vos LJ, Wymenga JH:** Microbiële leverabcessen, een zelden voorkomend ziektebeeld Ned Tijdschr Geneeskd 120(44):1888–91, 30 Oct 76 (Eng. Abstr.) **(Dut)**
ADOLESCENCE/ ADULT/ AGED/ APPENDICITIS, complications/ *BACTERIAL INFECTIONS, complications/ CHILD/ CHILD, PRESCHOOL/ CHOLANGITIS, complications/ DRAINAGE/ DYSENTERY, AMEBIC, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ *LIVER ABSCESS, etiology/ LIVER ABSCESS, therapy/ MALE/ MIDDLE AGE/ PORTAL VEIN/ THROMBOPHLEBITIS, complications

2117. **Devriese LA, Oeding P:** Characteristics of Staphylococcus aureus strains isolated from different animal species. Res Vet Sci 21(3):284–91, Nov 76
ANIMAL/ BACTERIOPHAGE TYPING/ CATTLE, microbiology/ CELL WALL, immunology/ COMPARATIVE STUDY/ FIBRINOLYSIN, biosynthesis/ HEMOLYSINS, biosynthesis/ HUMAN/ PIGEONS, microbiology/ POULTRY, microbiology/ SHEEP, microbiology/ *STAPHYLOCOCCUS AUREUS, classification/ STAPHYLOCOCCUS AUREUS, immunology/ STAPHYLOCOCCUS AUREUS, metabolism

2118. **Dewhirst MW, Stamp GL, Hurvitz AI:** Idiopathic monoclonal (IgA) gammopathy in a dog. J Am Vet Med Assoc 170(11):1313–6, 1 Jun 77
ANIMAL/ CASE REPORT/ *DOG DISEASES/ DOG DISEASES, blood/ DOGS/ EPISTAXIS, veterinary/ FEMALE/ HYPERGAMMAGLOBULINEMIA, blood/ *HYPERGAMMAGLOBULINEMIA, veterinary/ *IGA/ THROMBOPENIA, veterinary/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2119. **Dewhurst CJ:** Tumors of the genital tract in childhood and adolescence. Clin Obstet Gynecol 20(3):595–606, Sep 77
ADENOCARCINOMA, chemically induced/ ADENOCARCINOMA, diagnosis/ ADENOCARCINOMA, therapy/ ADOLESCENCE/ CERVIX NEOPLASMS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ CONDYLOMATA ACUMINATA, diagnosis/ CYSTS, diagnosis/ DIETHYLSTILBESTROL, adverse effects/ FEMALE/ *GYNECOLOGIC NEOPLASMS, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ HYMEN/ INFANT/ LIPOMA, diagnosis/ RHABDOMYOSARCOMA, diagnosis/ TERATOID TUMOR, diagnosis/ VAGINAL NEOPLASMS, chemically induced/ VAGINAL NEOPLASMS, diagnosis/ VAGINAL NEOPLASMS, therapy/ VULVAR NEOPLASMS, diagnosis/ VULVAR NEOPLASMS, surgery

2120. **DeWitt RT, Feinstein DI:** Prothrombin complex concentrate. Arch Intern Med 137(9):1211–3, Sep 77
ADULT/ CASE REPORT/ *HEMOPHILIA, therapy/ *HEMORRHAGE, therapy/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS, therapy/ PROTHROMBIN, administration & dosage/ *PROTHROMBIN, therapeutic use

2121. **de Wolff FA, van Kempen GM, Loeliger EA, et al:** Identification and quantification of coumarin congeners in human plasma. pp. 121–5.
In: Siest G, Young DS, ed. Drug interference and drug measurement in clinical chemistry. Basel, Karger, 1976. QV 38 I602 1975d.
ACENOCOUMAROL, blood/ BISHYDROXYCOUMARIN, blood/ CHROMATOGRAPHY, THIN LAYER/ *COUMARINS, blood/ HUMAN/ MICROCHEMISTRY/ MONOGRAPH/ PHENPROCOUMON, blood/ SPECTROMETRY, FLUORESCENCE, methods/ STRUCTURE-ACTIVITY RELATIONSHIP/ WARFARIN, blood

2122. **Deykin D:** Heparin Therapy: regimens and management. Drugs 13(1):46–51, Jan 77 (17 ref.)
HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HIP, surgery/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ REVIEW/ THROMBOPENIA, chemically induced

2123. **Deysson G:** Recherches sur les inhibiteurs microtubulaires Eur J Toxicol Environ Hyg 9(5):259–70, Sep–Oct 76 (66 ref.) (Eng. Abstr.) **(Fre)**
ALKALOIDS, pharmacodynamics/ ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ COLCHICINE, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ GRISEOFULVIN, pharmacodynamics/ HEPARIN, pharmacodynamics/ IN VITRO/ METALS, pharmacodynamics/ *MICROTUBULES, drug effects/ MICROTUBULES, ultrastructure/ *MITOSIS, drug effects/ ORGANOMETALLIC COMPOUNDS, pharmacodynamics/ PLANTS, growth & development/ PLANTS, ultrastructure/ PODOPHYLLIN, pharmacodynamics/ REVIEW

2124. **Dhaliwal GS, Schlagenhauff RE, Megahed SM:** Acute femoral neuropathy induced by oral anticoagulation. Dis Nerv Syst 37(9):539–41, Sep 76
ACUTE DISEASE/ ADMINISTRATION, ORAL/ CASE REPORT/ *FEMORAL NERVE/ HUMAN/ MALE/ MIDDLE AGE/ MOTOR NEURONS/ NEURAL CONDUCTION/ *PERIPHERAL NERVE DISEASES, chemically induced/ TIME FACTORS/ *WARFARIN, adverse effects

2125. **Dhall DP, Colin JF, Rottcher KH:** Pulmonary embolic disease in Kenya. East Afr Med J 53(4):202–11, Apr 76
ANGIOGRAPHY/ HUMAN/ KENYA/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, occurrence/ RADIONUCLIDE IMAGING/ STREPTOKINASE, therapeutic use

2126. **Dhall TZ, Bryce WA, Dhall DP:** Effects of dextran on the molecular structure and tensile behaviour of human fibrin. Thromb Haemostas 35(3):737–45, 30 Jun 76
BINDING SITES/ *DEXTRAN/ ELASTICITY/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *FIBRIN/ HUMAN/ MOLECULAR CONFORMATION

2127. **Dhermy D, Judon C, Engler R, et al:** Préparation et dosage immunonéphélémétrique du fibrinogène de lapin Biochimie 58(11–12):1311–20, 1976 (Eng. Abstr.) **(Fre)**
AMINO ACIDS, analysis/ ANIMAL/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GEL/ ENGLISH ABSTRACT/ *FIBRINOGEN/ FIBRINOGEN, isolation & purification/ IMMUNOELECTROPHORESIS/ MALE/ RABBITS

2128. **Dhermy P, Cardozo S:** De l'intérêt du contraste de phase dans l'étude des rétines à plat Bull Soc Ophtalmol Fr 75(12):1103–5, Dec 75 **(Fre)**
HUMAN/ *MICROSCOPY, PHASE CONTRAST/ *RETINAL DISEASES, pathology/ *RETINAL VESSELS, pathology/ TRYPSIN

2129. **Diab A, Batran FG, Al Zaidan A:** Airborn bacteria in the atmosphere of Kuwait. Zentralbl Bakteriol [Naturwiss] 131(3):535–44, 1976
*AIR MICROBIOLOGY/ AMYLASE, analysis/ ANTIBIOTICS, pharmacodynamics/ BACTERIA, drug effects/ BACTERIA, enzymology/ *BACTERIA, isolation & purification/ CELLULASE, analysis/ DRUG RESISTANCE, MICROBIAL/ GRAM-NEGATIVE AEROBIC BACTERIA, isolation & purification/ HEMOLYSINS, analysis/ KUWAIT/ LIPASE, analysis/ MICROCOCCUS, enzymology/ MICROCOCCUS, isolation & purification/ PEPTIDE HYDROLASES, analysis/ SEASONS/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, isolation & purification

2130. **Diamond A, Kodroff M, Ravitz G:** Renal sinus angiomyolipoma. Urology 9(2):221–3, Feb 77
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMANGIOMA,

radiography/ HUMAN/ *KIDNEY NEOPLASMS, radiography/ *LIPOMA, radiography/ MIDDLE AGE/ RENAL ARTERY, radiography/ RENAL VEINS, radiography

2131. **Díaz JL:** Ethnopharmacology of sacred psychoactive plants used by the Indians of Mexico.
Annu Rev Pharmacol Toxicol 17:647–75, 1977 (106 ref.)
ALKALOIDS, pharmacodynamics/ ANALEPTICS/ CANNABINOIDS, pharmacodynamics/ COUMARINS, pharmacodynamics/ CULTURE/ EPHEDRINE, pharmacodynamics/ ERGOT ALKALOIDS, pharmacodynamics/ GLUCOSIDES, pharmacodynamics/ HALLUCINOGENS, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, ANCIENT/ HISTORY OF MEDICINE, 16TH CENT./ HUMAN/ *INDIANS, NORTH AMERICAN/ INDIANS, NORTH AMERICAN, history/ INDOLES, pharmacodynamics/ *MAGIC/ MEXICO/ PHENETHYLAMINES, pharmacodynamics/ *PLANTS/ PLANTS, classification/ PSYCHOPHARMACOLOGY/ *PSYCHOTROPIC DRUGS/ PSYCHOTROPIC DRUGS, history/ RELIGION AND MEDICINE/ REVIEW/ TOXINS, pharmacodynamics/ TROPANES, pharmacodynamics/ XANTHINES, pharmacodynamics

2132. **Díaz de León Ponce M, López-Llera Méndez M, Ortiz de Gortari R, et al:** Insuficiencia renal aguda en obstetricia
Ginecol Obstet Mex 41(245):225–33, Mar 77 (Eng. Abstr.) **(Spa)**
ADULT/ DIPYRIDAMOLE, therapeutic use/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY FAILURE, ACUTE/ KIDNEY FAILURE, ACUTE, drug therapy/ KIDNEY FAILURE, ACUTE, physiopathology/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, physiopathology/ PREGNANCY

2133. **Dick W:** Respiratorische Notfälle als Anästhesierisiko.
Klin Anaesthesiol Intensivther (12):178–6, 1976 **(Ger)**
*ANESTHESIA, INTRATRACHEAL, adverse effects/ DIAPHRAGMATIC HERNIA, TRAUMATIC, complications/ *EMERGENCIES/ HUMAN/ LUNG DISEASES, OBSTRUCTIVE, etiology/ PNEUMOTHORAX, complications/ PULMONARY EMBOLISM, complications/ *RESPIRATORY INSUFFICIENCY, etiology/ RISK/ TRACHEA, injuries

2134. **Dickie N, Park CE, Robern H:** Detection of staphylococcal enterotoxin in gastric juice. J Clin Pathol 29(9):833–5, Sep 76
ADULT/ *ENTEROTOXINS, analysis/ FEMALE/ *GASTRIC JUICE, analysis/ GASTRIC JUICE, enzymology/ GASTRIC JUICE, immunology/ HUMAN/ RADIOIMMUNOASSAY/ *STAPHYLOCOCCAL FOOD POISONING, diagnosis/ STAPHYLOCOCCUS/ TRYPSIN, metabolism

2135. **Dickinson J:** Haemolytic anaemia in bacillary dysentery [letter] Lancet 2(8035):463, 27 Aug 77
ADOLESCENCE/ ADULT/ ANEMIA, HEMOLYTIC, blood/ *ANEMIA, HEMOLYTIC, etiology/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DYSENTERY, BACILLARY, blood/ *DYSENTERY, BACILLARY, complications/ FEMALE/ HUMAN/ MALE/ SHIGELLA DYSENTERIAE

2136. **Didisheim P, Fuster V:** Hematological and vascular concepts in relation to stroke. Clin Neurosurg 23:125–39, 1976
ASPIRIN, therapeutic use/ BLOOD COAGULATION/ BLOOD PLATELETS/ CEREBRAL ARTERIES, physiopathology/ CEREBRAL ARTERIOSCLEROSIS, etiology/ CEREBRAL EMBOLISM AND THROMBOSIS, blood/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ *CEREBRAL EMBOLISM AND THROMBOSIS, physiopathology/ *CEREBROVASCULAR DISORDERS, physiopathology/ ENDOTHELIUM, physiopathology/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, adverse effects/ FIBRINOLYTIC AGENTS, therapeutic use/ HEMODYNAMICS/ LIPIDS, metabolism/ MUSCLE, SMOOTH, physiopathology/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2137. **Diebold J, Tricot G, Jauffret P, et al:** Syndrome de Gougerot-Sjögren adénopathie pseudo-hodgkinienne et maladie de Waldenström au cours d'une polyarthrite rhumatoïde Nouv Presse Med 5(32):2082, 2 Oct 76 **(Fre)**
ADULT/ *ARTHRITIS, RHEUMATOID, complications/ AUTOIMMUNE DISEASES/ B-LYMPHOCYTES, physiopathology/ CASE REPORT/ *ERYTHEMA, etiology/ FEMALE/ HUMAN/ *LYMPHATIC DISEASES, etiology/ *MACROGLOBULINEMIA, etiology/ MIDDLE AGE/ *PURPURA, etiology

2138. **Diedrich DL, Summers AO, Schnaitman CA:** Outer membrane proteins of Escherichia coli. V. Evidence that protein 1 and bacteriophage-directed protein 2 are different polypeptides. J Bacteriol 131(2):598–607, Aug 77
AMINO ACIDS, analysis/ *BACTERIAL PROTEINS, analysis/ BACTERIAL PROTEINS, isolation & purification/ *COLIPHAGES/ CYANOGEN BROMIDE/ *ESCHERICHIA COLI, analysis/ LYSOGENY/ *MEMBRANE PROTEINS, analysis/ MEMBRANE PROTEINS, isolation & purification/ MOLECULAR WEIGHT/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *VIRAL PROTEINS, analysis/ VIRAL PROTEINS, isolation & purification

2139. **Diengott D, Spindel A, Brautbar N, et al:** A radioisotope test for diagnosis of deep vein thrombosis of the legs.
Isr J Med Sci 13(4):414–8, Apr 77
ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ METHODS/ MIDDLE AGE/ *SCINTILLATION COUNTERS/ *TECHNETIUM, diagnostic use/ *THROMBOPHLEBITIS, diagnosis

2140. **Dienstbier E Jr:** Léčení uzávěru ústřední sítnicové žíly Rheodextranem Spofa Cesk Oftalmol 32(6):444–9, Dec 76 (Eng. Abstr.) **(Cze)**
ADULT/ AGED/ *DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ RETINAL DISEASES, drug therapy/ *RETINAL VEIN/ *THROMBOSIS, drug therapy

2141. **Dienstman SR, Holtzer H:** Skeletal myogenesis. Control of proliferation in a normal cell lineage. Exp Cell Res 107(2):355–64, Jul 77
BLOOD/ *CELL DIVISION/ CELL FUSION/ CULTURE MEDIA/ CYTOCHALASIN B, pharmacodynamics/ DNA, biosynthesis/ EGTA, pharmacodynamics/ FLUORODEOXYURIDINE, pharmacodynamics/ *MUSCLES, cytology/ MYOFIBRILS, metabolism/ MYOSIN, biosynthesis/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2142. **Dierichs R, Marcsek M, Lindner E:** Reaktionen der Membran menschlicher Blutplättchen nach Haftung und Aggregation Verh Anat Ges (70 Pt 2):955–60, 1976 (Eng. Abstr.) **(Ger)**
BLOOD PLATELETS, physiology/ *BLOOD PLATELETS, ultrastructure/ CELL MEMBRANE, metabolism/ ENGLISH ABSTRACT/ FIBRIN, biosynthesis/ FIBRINOGEN, metabolism/ HUMAN/ *PLATELET AGGREGATION/ STAINS AND STAINING

2143. **Dieterle W, Faigle JW, Montigel C, et al:** Biotransformation

and pharmacokinetics of acenocoumarol (Sintrom) in man. Eur J Clin Pharmacol 11(5):367–75, 1977
ACENOCOUMAROL, blood/ *ACENOCOUMAROL, metabolism/ ACENOCOUMAROL, pharmacodynamics/ ACENOCOUMAROL, urine/ ANIMAL/ BIOTRANSFORMATION/ BLOOD COAGULATION, drug effects/ BLOOD PROTEINS, metabolism/ CHROMATOGRAPHY, THIN LAYER/ FECES, analysis/ HUMAN/ KINETICS/ MALE/ MICE/ MIDDLE AGE/ PROTEIN BINDING/ RADIOISOTOPE DILUTION TECHNIC

2144. **Dietl T, Tschesche H:** Determination of arginine in the reactive site of proteinase inhibitors by selective and reversible derivatization of the arginine side chain. Hoppe Seylers Z Physiol Chem 357(5):657–65, May 76
*ARGININE, analysis/ BINDING SITES/ BORATES, pharmacodynamics/ CYCLOHEXANONES/ DIACETYL/ LYSINE, analysis/ MOLECULAR WEIGHT/ NUCLEAR MAGNETIC RESONANCE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ *TRYPSIN INHIBITORS, analysis/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN, metabolism

2145. **Dietl T, Kruck J, Schill WB, et al:** Localization of seminal plasma proteinase inhibitors in human spermatozoa as revealed by the indirect immunofluorescence technique. Hoppe Seylers Z Physiol Chem 357(10):1333–7, Dec 76
FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IN VITRO/ MALE/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RABBITS, immunology/ *SPERMATOZOA, enzymology/ SWINE/ TISSUE EXTRACTS, pharmacodynamics

2146. **Dietl T, Tschesche H:** Albumin gland inhibitor from snails (Helix pomatia). Methods Enzymol 45:785–92, 1976
ALBUMINS/ AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ CROSS REACTIONS/ DRUG STABILITY/ *HELIX (SNAILS), analysis/ IMMUNOELECTROPHORESIS/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ *SNAILS, analysis

2147. **Dietrich CP, Nader HB, Mcduffie NN:** Electrofocusing of heparin: Presence of 21 monomeric and dimeric molecular species in heparin preparations. An Acad Bras Cienc 47(2):301–9, 1975
ANIMAL/ CATTLE/ COMPARATIVE STUDY/ ELECTROPHORESIS, AGAR GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *HEPARIN/ HEPARIN, analysis/ HEPARIN, classification/ INTESTINAL MUCOSA, analysis/ ISOELECTRIC FOCUSING/ LUNG, analysis/ *MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ SWINE

2148. **Dietrich CP, McDuffie NM, Sampaio LO:** Identification of acidic mucopolysaccharides by agarose gel electrophoresis. J Chromatogr 130:299–304, 11 Jan 77
ELECTROPHORESIS, AGAR GEL/ HEPARIN, analysis/ HEPARITIN SULFATE, analysis/ METHODS/ *MUCOPOLYSACCHARIDES, analysis

2149. **Dietz AA, Rubinstein HM, Hodges LK:** Use of alpha-N-benzoyl-L-arginine-p-nitroanilide as trypsin substrate in estimation of alpha 1-antitrypsin [letter]. Clin Chem 22(10):1754–5, Oct 76
*ALPHA 1-ANTITRYPSIN, analysis/ BENZOYLARGININE NITROANILIDE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PHENOTYPE/ *TRYPSIN, metabolism

2150. **Dietz WH Jr, Stuart MJ:** Splenic consumptive coagulopathy in a patient with disseminated lymphangiomatosis. J Pediatr 90(3):421–3, Mar 77
CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, surgery/ HEMORRHAGE/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ INFANT/ *LYMPHANGIOMA, complications/ LYMPHANGIOMA, diagnosis/ MALE/ SPLENECTOMY/ SPLENIC DISEASES, complications

2151. **Dietze G, Wicklmayr M:** Evidence for a participation of the kallikrein-kinin system in the regulation of muscle metabolism during muscular work. FEBS Lett 74(2):205–8, 1 Mar 77
ACETOACETATES, blood/ ADULT/ BLOOD SUGAR, metabolism/ *EXERTION/ FOREARM/ GLUCOSE, metabolism/ HUMAN/ *KALLIKREIN, metabolism/ *KININS, metabolism/ LACTATES, blood/ MUSCLES, blood supply/ *MUSCLES, metabolism/ OXYGEN, blood/ REGIONAL BLOOD FLOW

2152. **Dietze G, Wicklymayr M, Mayer L:** Evidence for a participation of the kallikrein-kinin system in the regulation of muscle metabolism during hypoxia. Hoppe Seylers Z Physiol Chem 358(6):633–8, Jun 77
ACETOACETATES, blood/ ADULT/ *ANOXIA, metabolism/ BLOOD SUGAR, metabolism/ HUMAN/ *KALLIKREIN, physiology/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *KININS, physiology/ LACTATES, blood/ MUSCLES, blood supply/ *MUSCLES, metabolism/ OXYGEN, blood/ REGIONAL BLOOD FLOW

2153. **Dietzschold B:** Oligosaccharides of the glycoprotein of rabies virus. J Virol 23(2):286–93, Aug 77
GLYCOPEPTIDES, analysis/ *GLYCOPROTEINS, analysis/ *OLIGOSACCHARIDES, analysis/ PEPTIDE HYDROLASES, metabolism/ *RABIES VIRUS, analysis/ SIALIC ACIDS, analysis/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VIRAL PROTEINS, analysis

2154. **Diez-Ewald M, Lian EC, Nunez R, et al:** Circulating anticoagulant in a family with prolonged bleeding time and factor VIII deficiency. Blood 49(5):799–806, May 77
*ANTICOAGULANTS, blood/ ANTIGENS/ BLOOD COAGULATION/ BLOOD PLATELETS, metabolism/ CASE REPORT/ CHILD/ FACTOR VIII, immunology/ FEMALE/ *HEMOPHILIA, blood/ HEMOPHILIA, familial & genetic/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ PEDIGREE/ PLATELET AGGREGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2155. **Diffang C, Saldeen T:** Effect of brinase (protease I from aspergillus oryzae) on the elimination of fibrin from the lungs and pulmonary damage in rats with induced intravascular coagulation and inhibited fibrinolysis. Thromb Res 9(6):611–22, Dec 76
ANIMAL/ ASPERGILLUS ORYZAE/ *BRINOLASE, pharmacodynamics/ DISEASE MODELS, ANIMAL/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ FIBRIN, secretion/ *FIBRINOLYSIS, drug effects/ *LUNG, drug effects/ LUNG, secretion/ MALE/ *PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS/ RATS/ THROMBIN

2156. **di Gennaro C, Indolfi P, Esposito L:** Considerazioni sulla sindrome da coagulazione intravascolare disseminata in corso di leucemia linfoblastica acuta Pediatria (Napoli) 84(1):37–46, 31 Mar 76 (Eng. Abstr.) **(Ita)**
CASE REPORT/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, complications/ MALE/ REMISSION/ SYNDROME

2157. **Digiesi V, Nassi P, Castigli E:** Lesione lisosomiale in corso di ischemia muscolare acuta sperimentale. Effetto protettivo di un polipeptide inibitore delle proteinasi Arch Sci Med (Torino) 133(2):93–7, Apr-Jun 76 (Eng. Abstr.) **(Ita)**
ACETYLGLUCOSAMINIDASE, metabolism/ ACID PHOSPHATASE, metabolism/ ACUTE DISEASE/ ANIMAL/ CATHEPSIN, metabolism/

ENGLISH ABSTRACT/ *ISCHEMIA, enzymology/ *LYSOSOMES, enzymology/ MALE/ *MUSCLES, blood supply/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RABBITS

2158. **Digiesi V, Bartoli V, Dorigo B:** Therapeutic effect of the polypeptide aprotinin on intermittent claudication and on pain at rest in patients with peripheral arterial occlusive disease. pp. 975–8.
In: Bonica JJ, et al., ed. Advances in pain research and therapy. New York, Raven Press, 1976. W1 AD706 v.1 1976.
ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, complications/ DRUG EVALUATION/ HUMAN/ *INTERMITTENT CLAUDICATION, drug therapy/ INTERMITTENT CLAUDICATION, etiology/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LEG, blood supply/ MALE/ MIDDLE AGE/ MONOGRAPH/ MUSCLES, drug effects/ *PAIN, drug therapy/ PAIN, etiology/ REGIONAL BLOOD FLOW, drug effects/ REST

2159. **Digiesi V, Bartoli V, Dorigo B:** Effect of a proteinase inhibitor on intermittent claudication or on pain at rest in patients with peripheral arterial disease. Pain 1(4):385–9, Dec 75
ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ BLOOD FLOW VELOCITY/ HUMAN/ *INTERMITTENT CLAUDICATION, drug therapy/ INTERMITTENT CLAUDICATION, physiopathology/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LEG, blood supply/ MALE/ MIDDLE AGE/ *PAIN, drug therapy/ PAIN, physiopathology/ REST

2160. **Di Girolamo R, Liston J, Matches J:** Ionic bonding, the mechanism of viral uptake by shellfish mucus.
Appl Environ Microbiol 33(1):19–25, Jan 77
*ENTEROVIRUSES/ ETHER, ETHYL, pharmacodynamics/ *FOOD MICROBIOLOGY/ HYDROGEN-ION CONCENTRATION/ MOLLUSCA, metabolism/ *MOLLUSCA, microbiology/ MUCUS, metabolism/ MUCUS, microbiology/ OYSTERS, metabolism/ *OYSTERS, microbiology/ SODIUM CHLORIDE/ TRYPSIN, pharmacodynamics

2161. **Dijk RA, Oosterhuis JA:** Diagnosis of malignant ocular tumours with radioactive phosphorus (32P).
Ophthalmologica 173(3-4):168–70, 1976
EVALUATION STUDIES/ *EYE NEOPLASMS, diagnosis/ *HEMANGIOMA, diagnosis/ HUMAN/ *LYMPHANGIOMA, diagnosis/ *MELANOMA, diagnosis/ NEOPLASM METASTASIS/ *NEVUS, diagnosis/ *PHOSPHORUS RADIOISOTOPES, diagnostic use

2162. **Dike GW, Griffiths D, Tadman AJ:** Factor VII concentrate [letter] Thromb Haemostas 37(3):572–4, 30 Jun 77
*FACTOR VII, therapeutic use/ HUMAN

2163. **Di Macco G, Pappalardo G:** Formulazione di una proposta di inquadramento nosologico delle pancreatiti acute agli effetti di una precisa valutazione comparativa dell'efficacia terapeutica dei vari farmaci Ann Ital Chir 48(2):209–13, 1976 **(Ita)**
ACUTE DISEASE/ *GLUCAGON, therapeutic use/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, classification/ PANCREATITIS, drug therapy

2164. **DiMagno EP, Malagelada JR, Go VL, et al:** Fate of orally ingested enzymes in pancreatic insufficiency. Comparison of two dosage schedules. N Engl J Med 296(23):1318–22, 9 Jun 77
ADMINISTRATION, ORAL/ CHRONIC DISEASE/ COMPARATIVE STUDY/ DRUG ADMINISTRATION SCHEDULE/ DUODENUM, metabolism/ FECES, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LIPASE, metabolism/ *PANCREATIC DISEASES, drug therapy/ *PANCREATIN, administration & dosage/ PANCREATIN, therapeutic use/ PANCREATITIS, complications/ *SPRUE, drug therapy/ SPRUE, etiology/ STOMACH, metabolism/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2165. **DiMagno EP, Malagelada JR, Moertel CG, et al:** Prospective evaluation of the pancreatic secretion of immunoreactive carcinoembryonic antigen, enzyme, and bicarbonate in patients suspected of having pancreatic cancer.
Gastroenterology 73(3):457–61, Sep 77
ADULT/ *BICARBONATES, secretion/ *CARCINOEMBRYONIC ANTIGEN/ *CHOLECYSTOKININ, secretion/ HUMAN/ JAUNDICE, complications/ LIPASE, secretion/ *PANCREAS, secretion/ PANCREATIC NEOPLASMS, complications/ *PANCREATIC NEOPLASMS, diagnosis/ TRYPSIN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2166. **Dimitracopoulos G, Sakellariou C, Papavassiliou J:** Staphylococci from the feces of different animal species: biotypes of Staphylococcus aureus strains of sheep and goat origin. Appl Environ Microbiol 32(1):53–5, Jul 76
ANIMAL/ *FECES, microbiology/ FIBRINOLYSIN, biosynthesis/ *GOATS, microbiology/ HEMOLYSINS, biosynthesis/ *SHEEP, microbiology/ SPECIES SPECIFICITY/ *STAPHYLOCOCCUS AUREUS, classification/ STAPHYLOCOCCUS AUREUS, growth & development/ STAPHYLOCOCCUS AUREUS, metabolism

2167. **Dimitriadou C, Dessypris A, Louizou C, et al:** Marathon run II: Effects on platelet aggregation. Thromb Haemostas 37(3):451–5, 30 Jun 77
ADENOSINE DIPHOSPHATE/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ COLLAGEN/ HUMAN/ MIDDLE AGE/ *PLATELET AGGREGATION/ *RUNNING/ TIME FACTORS

2168. **Dimitrov D:** Diseminirano vutresudovo susirvane Vutr Boles 15(6):1–6, Dec 76 (26 ref.) **(Bul)**
ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ARRHYTHMIA, etiology/ CHRONIC DISEASE/ DISEASE MODELS, ANIMAL/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ HEMORRHAGE, etiology/ HUMAN/ KIDNEY DISEASES, etiology/ LIVER DISEASES, etiology/ NECROSIS/ NEUROLOGIC MANIFESTATIONS/ PROGNOSIS/ REVIEW/ SHOCK, etiology/ SYNDROME

2169. **Dimkovic D, Daničic B:** Hirurško lečenje hiatalnih hernija Acta Chir Iugosl 22(2):197–203, 1975 (Eng. Abstr.) **(Scr)**
*DIAPHRAGMATIC HERNIA, surgery/ ENGLISH ABSTRACT/ FEMALE/ *HIATAL HERNIA, surgery/ HUMAN/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, mortality/ TIME FACTORS

2170. **Dimkovic D, Preradov S, Bonert D:** Apscesi jetre bilijarnog porekla. Acta Chir Iugosl 24(2):153–60, 1977 (Eng. Abstr.) **(Eng, Scr)**
AGED/ *CHOLELITHIASIS, complications/ CHOLELITHIASIS, diagnosis/ CHOLELITHIASIS, surgery/ ENGLISH ABSTRACT/ HUMAN/ LIVER ABSCESS, diagnosis/ *LIVER ABSCESS, etiology/ LIVER ABSCESS, pathology/ LIVER ABSCESS, surgery/ MALE/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, mortality/ PUNCTURES

2171. **Dingle JT:** The role of neutral and acid proteinases in connective tissue turnover. pp. 339–55.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
ANIMAL/ ARTHRITIS, RHEUMATOID, enzymology/ CATHEPSIN, metabolism/ CLOSTRIDIOPEPTIDASE A, metabolism/ COLLAGEN/ *CONNECTIVE TISSUE, metabolism/ CONNECTIVE TISSUE, ultrastructure/ FIBROBLASTS, enzymology/ HUMAN/ MODELS, BIOLOGICAL/

MONOGRAPH/ *MUCOPOLYSACCHARIDES, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *PROTEOGLYCANS, metabolism/ SYNOVIAL FLUID, enzymology

2172. **Dinic B, Susakovic N:** Antileukocitna i antitrombocitna antitela u korelaciji sa pojavom citotoksičnih anti-HL-A antitelu u hemopatija različite etiologije
Bilt Hematol Transfuz 4(3):11-6, 1976 (Eng. Abstr.) **(Scr)**
*ANTI-ANTIBODIES, isolation & purification/ ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ ANTIGENS/ *BLOOD PLATELETS, immunology/ COMPLEMENT FIXATION TESTS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ENGLISH ABSTRACT/ *HEMATOLOGIC DISEASES, immunology/ *HISTOCOMPATIBILITY ANTIGENS, isolation & purification/ HISTOCOMPATIBILITY TESTING/ *HL-A, isolation & purification/ HUMAN/ *LEUKOCYTES, immunology

2173. **Dintenfass L:** Correlations between radioiodine uptake and blood viscosity factors in hypothyroid and hyperthyroid states. Haemostasis 5(4):211-7, 1976
*BLOOD VISCOSITY/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ *HYPERTHYROIDISM, diagnosis/ *HYPOTHYROIDISM, diagnosis/ *IODINE RADIOISOTOPES, diagnostic use/ PROTEIN-BOUND IODINE TEST

2174. **Dintenfass L:** Hemorheological factors in Raynaud's phenomenon. Angiology 28(7):472-81, Jul 77
BLOOD COAGULATION/ BLOOD VISCOSITY/ ERYTHROCYTE AGGREGATION/ FEMALE/ FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN/ MALE/ RAYNAUD'S DISEASE, blood/ *RAYNAUD'S DISEASE, physiopathology/ RHEOLOGY/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis

2175. **Diop Mar I, Banastier H, Sow A, et al:** Paludisme neurologique de l'adulte autochtone en zone d'hypoendémie. Bull Soc Med Afr Noire Lang Fr 22(1):6-29, 1977 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ ANEMIA, etiology/ BLOOD COAGULATION DISORDERS, etiology/ BRAIN DISEASES, etiology/ COMA, etiology/ CONVULSIONS, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALARIA, complications/ *MALARIA, occurrence/ MALE/ MENTAL DISORDERS, etiology/ MIDDLE AGE/ MOVEMENT DISORDERS, etiology/ *NERVOUS SYSTEM DISEASES, occurrence/ PARALYSIS, etiology/ SEASONS/ SENEGAL/ SEX FACTORS

2176. **di Perri T, Auteri A:** Complement and inflammation: an approach to the pharmacology of the complement system. pp. 53-75.
In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975.
ANIMAL/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS/ B-LYMPHOCYTES, immunology/ BLOOD COAGULATION/ BLOOD PROTEINS, immunology/ CARRAGEENAN/ CELL DIVISION/ CLONE CELLS, immunology/ *COMPLEMENT, physiology/ DISEASE MODELS, ANIMAL/ EDEMA, immunology/ FEEDBACK/ FIBRINOLYSIS/ HEMOLYSIS/ HUMAN/ IGG, metabolism/ IGM, metabolism/ *INFLAMMATION, immunology/ INFLAMMATION, pathology/ INULIN/ KININS/ MONOGRAPH/ PROPERDIN, metabolism/ T-LYMPHOCYTES, immunology

2177. **Diploma JR, Ritchie DM:** Vitamin toxicity.
Annu Rev Pharmacol Toxicol 17:133-48, 1977 (199 ref.)
ADULT/ ANIMAL/ ASCORBIC ACID, adverse effects/ FEMALE/ FOLIC ACID, adverse effects/ GOATS/ GUINEA PIGS/ HAMSTERS/ HUMAN/ NICOTINIC ACIDS, adverse effects/ PREGNANCY/ PYRIDOXINE, adverse effects/ RATS/ REVIEW/ RIBOFLAVIN, adverse effects/ THIAMINE, adverse effects/ VITAMIN A, adverse effects/ VITAMIN D, adverse effects/ VITAMIN E, adverse effects/ VITAMIN K, adverse effects/ *VITAMINS, adverse effects

2178. **Dirat MF, Valdiguie P:** Les glycoprotéines des liquides pleuraux. Clin Chim Acta 77(3):219-25, 15 Jun 77 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ GEL DIFFUSION TESTS/ *GLYCOPROTEINS, analysis/ HEART DISEASES, metabolism/ HUMAN/ LIVER CIRRHOSIS, metabolism/ NEOPLASMS, metabolism/ *PLEURAL EFFUSION, analysis/ PLEURAL EFFUSION, metabolism/ PLEURISY, metabolism/ PULMONARY EMBOLISM, metabolism

2179. **Di Scipio RG, Hermodson MA, Yates SG, et al:** A comparison of human prothrombin, factor IX (Christmas factor), factor X (Stuart factor), and protein S.
Biochemistry 16(4):698-706, 22 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *BLOOD PROTEINS/ BLOOD PROTEINS, isolation & purification/ CATTLE/ COMPARATIVE STUDY/ *FACTOR IX/ FACTOR IX, isolation & purification/ *FACTOR X/ FACTOR X, isolation & purification/ HUMAN/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PROTHROMBIN/ PROTHROMBIN, isolation & purification/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2180. **Dittmer J, Rosenburg H:** Vierjährige Erfahrungen bei der Behandlung und Beschulung hämophiler Kinder
Aerztl Jugendkd 67(2):106-10, Mar 76 **(Ger)**
ADOLESCENCE/ BLOOD TRANSFUSION/ CHILD BEHAVIOR/ CHILD GUIDANCE/ CHILD/ *EDUCATION, SPECIAL/ *HEMOPHILIA/ HEMOPHILIA, rehabilitation/ HEMOPHILIA, therapy/ HUMAN/ MALE/ VOCATIONAL EDUCATION

2181. **Dixit SN, Seyer JM, Kang AH:** Covalent structure of collagen: isolation of chymotryptic peptides and amino acid sequence of the amino-terminal region of alpha2-CB3 from chick skin. Eur J Biochem 73(1):213-21, 15 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHICKENS/ CHYMOTRYPSIN/ *COLLAGEN/ PEPTIDE FRAGMENTS, analysis/ *SKIN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2182. **Dixon RH, Rosse WF:** Mechanism of complement-mediated activation of human blood platelets in vitro: comparison of normal and paroxysmal nocturnal hemoglobinuria platelets. J Clin Invest 59(2):360-8, Feb 77
ANTIBODIES/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ CELL MEMBRANE, immunology/ COMPLEMENT FIXATION TESTS/ *COMPLEMENT 3/ *COMPLEMENT/ *HEMOGLOBINURIA, PAROXYSMAL, immunology/ HEMOGLOBINURIA, PAROXYSMAL, metabolism/ HUMAN/ SEROTONIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2183. **Dobberstein B, Blobel G, Chua NH:** In vitro synthesis and processing of a putative precursor for the small subunit of ribulose-1,5-bisphosphate carboxylase of Chlamydomonas reinhardtii. Proc Natl Acad Sci USA 74(3):1082-5, Mar 77
*CARBOXY-LYASES, biosynthesis/ CELL-FREE SYSTEM/ CHLAMYDOMONAS, enzymology/ CHLOROPLASTS, enzymology/ *ENZYME PRECURSORS, metabolism/ MOLECULAR WEIGHT/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *RIBULOSEBIPHOSPHATE CARBOXYLASE, biosynthesis/ RNA, MESSENGER, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2184. **Dobkin VB:** Opyt primeneniia svezhikh autofibrinnykh plenok posle obshchepolosnykh operatsii na ukhe
Zh Ushn Nos Gorl Bolezn (2):100-1, Mar-Apr 77 **(Rus)**
ADOLESCENCE/ ADULT/ FEMALE/ *FIBRIN FOAM, therapeutic use/ HUMAN/ MALE/ *MASTOID, surgery/ MIDDLE AGE

2185. **Dobrý E, Novák J, Kolektiv A:** Transfúzní služba soubor závazných opatření a metodických pokynu
Zdrav Aktual (185):1–188, 1976 **(Cze)**
BLOOD DONORS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, methods/ CZECHOSLOVAKIA/ FEES AND CHARGES/ HUMAN/ PLASMAPHERESIS, methods/ PUBLIC HEALTH ADMINISTRATION

2186. **Dobrzhanskaia EO, Erokhina LI, Abramov ZT:** Temperaturochuvstvitel'nye mutanty Bacillus subtilis A-50 so snizhennym urovnem sinteza shchelochnoĭ proteinazy Genetika 12(6):167–70, 1976 (Eng. Abstr.) **(Rus)**
*BACILLUS SUBTILIS, enzymology/ ENGLISH ABSTRACT/ MUTATION/ *PEPTIDE HYDROLASES, biosynthesis/ TEMPERATURE

2187. **Dobrzhanskaia EO, Erokhina LI:** Mutanty Bacillus subtilis--produtsenta shchelochnoĭ proteinazy, sporuliruiushchie v prisutstvii vysokikh kontsentratsii gliukozy Genetika 12(7):74–9, 1976 (Eng. Abstr.) **(Rus)**
BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ BACILLUS SUBTILIS, isolation & purification/ *BACILLUS SUBTILIS, physiology/ ENGLISH ABSTRACT/ GLUCOSE/ MUTATION/ *PEPTIDE HYDROLASES, biosynthesis/ SPORES, BACTERIAL

2188. **Dodds WJ, Stewart ET, Goldberg HI:** Pneumatosis intestinalis associated with hepatic portal venous gas.
Am J Dig Dis 21(11):992–5, Nov 76
AGED/ CASE REPORT/ COLON, blood supply/ DIAGNOSIS, DIFFERENTIAL/ GANGRENE, complications/ GASES/ HUMAN/ INFARCTION, complications/ LIVER, blood supply/ MALE/ MESENTERIC ARTERIES/ MESENTERIC VASCULAR OCCLUSION, complications/ *PNEUMATOSIS CYSTOIDES INTESTINALIS, radiography/ *PORTAL VEIN, radiography/ THROMBOSIS, complications

2189. **Dodds WJ:** Animal model: canine and equine immune-mediated thrombocytopenia, and idiopathic thrombocytopenic purpura. Am J Pathol 86(2):489–91, Feb 77
ANIMAL/ AUTOANTIBODIES, analysis/ AUTOIMMUNE DISEASES, immunology/ BLOOD PLATELETS, immunology/ *DISEASE MODELS, ANIMAL/ DOGS/ FEMALE/ HORSES/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC, immunology/ *THROMBOPENIA, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2190. **Dodds WJ, Raymond SL, Moynihan AC, et al:** Coagulation studies in C4-deficient guinea pigs.
Proc Soc Exp Biol Med 154(3):382–5, Mar 77
ANIMAL/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PROTEINS, metabolism/ *COMPLEMENT 4, deficiency/ *COMPLEMENT, deficiency/ FEMALE/ GUINEA PIGS/ MALE/ SEX FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2191. **Doering JL, Fischman DA:** A fusion-promoting macromolecular factor in muscle conditioned medium.
Exp Cell Res 105(2):437–43, 15 Mar 77
*CELL FUSION/ CELLS, CULTURED/ CREATINE KINASE, metabolism/ CULTURE MEDIA/ MOLECULAR WEIGHT/ MUSCLE PROTEINS, analysis/ *MUSCLE PROTEINS, physiology/ *MUSCLES, cytology/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2192. **Doĭchinov A, Buchvarova V, Talakov A:** Pokazateli na normalnata khemostaza pri niakoi opitni zhivotni.
Eksp Med Morfol 16(2):105–7, 1977 (Eng. Abstr.) **(Bul)**
ANIMAL/ *ANIMALS, LABORATORY, physiology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ DOGS/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ *HEMOSTASIS/ RABBITS/ THROMBELASTOGRAPHY/ THROMBOPLASTIN, analysis/ TIME FACTORS

2193. **Dolfini E, Azzarone B, Pedulla D, et al:** Characterization of human fibroblasts from cancer patients: loss of fibrin clot retractile activity after 'in vitro' spontaneous transformation, Eur J Cancer 12(10):823–5, Oct 76
CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ CLOT RETRACTION/ FIBRIN/ *FIBROBLASTS/ HUMAN/ LUNG NEOPLASMS, physiopathology/ SKIN, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2194. **Dolinskas CA, Bilaniuk LT, Zimmerman RA, et al:** Computed tomography of intracerebral hematomas. II. Radionuclide and transmission CT studies of the perihematoma region.
AJR 129(4):689–92, Oct 77
ADOLESCENCE/ CEREBRAL HEMORRHAGE, diagnosis/ *CEREBRAL HEMORRHAGE, radiography/ FEMALE/ HEMATOMA, diagnosis/ *HEMATOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ RADIONUCLIDE IMAGING/ *TOMOGRAPHY, COMPUTERIZED AXIAL/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2195. **Dolinskas CA, Bilaniuk LT, Zimmerman RA, et al:** Computed tomography of intracerebral hematomas. I. Transmission CT observations on hematoma resolution. AJR 129(4):681–8, Oct 77
ADULT/ AGED/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, radiography/ FEMALE/ HEMATOMA, etiology/ *HEMATOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ *TOMOGRAPHY, COMPUTERIZED AXIAL/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2196. **Doll DC, Weiss RB:** Unusual presentations of multiple myeloma. Postgrad Med 61(5):116–21, May 77
ADULT/ AGED/ AMYLOIDOSIS, complications/ BLOOD VISCOSITY/ CARPAL TUNNEL SYNDROME, etiology/ CASE REPORT/ DEMYELINATION, etiology/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FEMORAL FRACTURES, complications/ FRACTURES, SPONTANEOUS, complications/ HUMAN/ HYPERCALCEMIA, diagnosis/ HYPERCALCEMIA, etiology/ MALE/ MIDDLE AGE/ MULTIPLE MYELOMA, complications/ *MULTIPLE MYELOMA, diagnosis/ NERVE DEGENERATION/ PLASMACYTOMA, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2197. **Dollery CT:** Drug-drug and drug-disease interactions in cardiovascular therapy. pp. 217–28.
In: Grahame-Smith, DG, ed. Drug interactions.
Baltimore, Univ Park Press, 1977. QV 38 D7932 1975.
ADRENERGIC BETA RECEPTOR BLOCKADERS/ *CARDIOVASCULAR DISEASES, drug therapy/ DIGITALIS GLYCOSIDES/ DISEASE, metabolism/ DIURETICS/ *DRUG INTERACTIONS/ DRUG THERAPY, COMBINATION, adverse effects/ HUMAN/ MONOAMINE OXIDASE INHIBITORS/ MONOGRAPH/ WARFARIN

2198. **Dollinger HC, Raptis S:** Inhibition of exocrine and endocrine pancreatic function by somatostatin in man.
Z Gastroenterol [Verh] (10):56–9, 1976
AMYLASE, metabolism/ BLOOD SUGAR, metabolism/ CHYMOTRYPSIN, metabolism/ HUMAN/ INSULIN, secretion/ *PANCREAS, drug effects/ PANCREAS, enzymology/ PANCREAS, physiology/ *SOMATOTROPIN RELEASE INHIBITING HORMONE, pharmacodynamics/ TRYPSIN, metabolism

2199. **Dolmans S, Olivier J, Orban JC, et al:** Réflexions et commentaires concernant 1.375 cas de reconstruction vasculaire pour troubles ischémiques des membres inférieurs. Analyse statistique des thromboses tardives avec évaluation de l'effet d'un agent antiplaquettaire
Acta Chir Belg 75(4):277–89, Jul 76 (Eng. Abstr.) **(Fre)**
*ARTERIOSCLEROSIS OBLITERANS, surgery/ *DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HUMAN/ *LEG, blood supply/ MIDDLE AGE/

PLATELET ADHESIVENESS, drug effects/ *THROMBOSIS, prevention & control

2200. **Doly J, Petek F:** Polyacrylamide gradient electrophoresis for protein purification on the milligram scale. J Chromatogr 137(1):69–81, 11 Jul 77
ACID PHOSPHATASE, isolation & purification/ ALKYLATION/ BLOOD PROTEIN ELECTROPHORESIS/ CATTLE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL, instrumentation/ ELECTROPHORESIS, POLYACRYLAMIDE GEL, methods/ GLYCOGEN PHOSPHORYLASE, isolation & purification/ LACTATE DEHYDROGENASE ISOENZYMES, isolation & purification/ PEPSIN, isolation & purification/ *PROTEINS, isolation & purification/ SERUM ALBUMIN, BOVINE, isolation & purification/ TRYPSIN, isolation & purification

2201. **Domaniç N, Harmanci N:** Systemic lupus erythematosus with renovascular hypertension accompanied by thrombosis of renal artery and renal vein (case report). New Istanbul Contrib Clin Sci 11(3):161–5, Dec 76
ADOLESCENCE/ CASE REPORT/ FEMALE/ HUMAN/ *HYPERTENSION, RENAL, etiology/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ *RENAL ARTERY OBSTRUCTION, complications/ *RENAL VEINS/ *THROMBOSIS, complications

2202. **Domanig E Jr, Helmer F, Navrátil J, et al:** Spätresultate nach isoliertem Aorten- und Mitralklappenersatz mit einer Klappenprothese. Wien Klin Wochenschr 89(12):409–12, 10 Jun 77 (Eng. Abstr.) **(Ger)**
ADULT/ *AORTIC VALVE, surgery/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HEART DISEASES, mortality/ *HEART VALVE PROSTHESIS/ HUMAN/ MALE/ *MITRAL VALVE, surgery/ POSTOPERATIVE COMPLICATIONS, mortality/ THROMBOEMBOLISM, mortality

2203. **Domenet JG, Evans DW:** Prophylactic anticoagulation [letter]. Lancet 2(8000):1408–9, 25 Dec 76
HUMAN/ PHENINDIONE, therapeutic use/ *THROMBOEMBOLISM, prevention & control/ TIME FACTORS/ WARFARIN, therapeutic use

2204. **Domschke W, Domschke S:** Histamin-H2-Rezeptor-Antagonisten Physiologische und klinische Aspekte Fortschr Med 94(18):1082–4, 17 Jun 76 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ GASTRIC JUICE, secretion/ GASTRIN, secretion/ HISTAMINE, pharmacodynamics/ HUMAN/ METIAMIDE, pharmacodynamics/ STOMACH, drug effects/ TRYPSIN, secretion

2205. **Domschke W, Domschke S, Lux G, et al:** Wirksame Cimetidin-Therapie beim Ulcus duodeni. Ergebnisse einer Doppelblindstudie Dtsch Med Wochenschr 101(48):1752–5, 26 Nov 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD PLATELETS/ CLINICAL RESEARCH/ CREATININE, blood/ *DUODENAL ULCER, drug therapy/ DUODENAL ULCER, pathology/ ENDOSCOPY/ ENGLISH ABSTRACT/ GASTRIC JUICE/ GUANIDINES, administration & dosage/ *GUANIDINES, therapeutic use/ HEMOGLOBINS, analysis/ HISTAMINE H2 RECEPTOR BLOCKADERS, administration & dosage/ *HISTAMINE H2 RECEPTOR BLOCKADERS, therapeutic use/ HUMAN/ IMIDAZOLES, administration & dosage/ *IMIDAZOLES, therapeutic use/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ PANCREAS, secretion/ PLACEBOS/ TIME FACTORS/ UREA, blood

2206. **Domula M, Weissbach G, Lenk H, et al:** Uber die Auswirkung medikamentöser Behandlung in der Schwangerschaft auf das Gerinnungspotential des Neugeborenen. Zentralbl Gynaekol 99(8):473–81, 1977 (Eng. Abstr.) **(Ger)**
ASPIRIN, adverse effects/ BLOOD COAGULATION DISORDERS, chemically induced/ *DRUG THERAPY, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ *HEMOSTASIS, drug effects/ HUMAN/ *INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, chemically induced/ *MATERNAL-FETAL EXCHANGE/ PREGNANCY/ QUINIDINE, adverse effects/ QUININE, adverse effects/ THIAZINES, adverse effects/ TOLBUTAMIDE, adverse effects

2207. **Donahoo JS, Brawley RK, Gott VL:** The heparin-coated vascular shunt for thoracic aortic and great vessel procedures: a ten-year experience. Ann Thorac Surg 23(6):507–13, Jun 77
ADOLESCENCE/ ADULT/ AGED/ ANEURYSM, DISSECTING, surgery/ *AORTA, THORACIC, surgery/ AORTIC ANEURYSM, surgery/ AORTIC RUPTURE, surgery/ *ARTERIES, surgery/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, prevention & control/ MALE/ METHODS/ MIDDLE AGE

2208. **Donald KJ, Edwards RL, McEvoy JD:** An ultrastructural study of the pathogenesis of tissue injury in limited Wegener's granulomatosis. Pathology 8(2):161–9, Apr 76
CAPILLARIES, pathology/ CASE REPORT/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ FIBRIN/ HUMAN/ LEUKOCYTES, ultrastructure/ LUNG, blood supply/ LUNG, pathology/ *LUNG, ultrastructure/ MIDDLE AGE/ PLATELET AGGREGATION/ WEGENER'S GRANULOMATOSIS, drug therapy/ WEGENER'S GRANULOMATOSIS, etiology/ *WEGENER'S GRANULOMATOSIS, pathology

2209. **Donaldson DM, Tew JG:** beta-Lysin of platelet origin. Bacteriol Rev 41(2):501–13, Jun 77 (66 ref.)
ANIMAL/ ANTIBODIES, BACTERIAL/ BACILLUS SUBTILIS, drug effects/ BACTERIA, drug effects/ *BLOOD BACTERICIDAL ACTIVITY/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ *BLOOD PROTEINS/ BLOOD PROTEINS, immunology/ BLOOD PROTEINS, metabolism/ BLOOD PROTEINS, pharmacodynamics/ CELL MEMBRANE, drug effects/ CELL WALL, drug effects/ HEAT/ HUMAN/ MURAMIDASE, immunology/ PROTEIN DENATURATION/ REVIEW/ SPECIES SPECIFICITY

2210. **Donaldson VH, Kleniewski J, Saito H, et al:** Prekallikrein deficiency in a kindred with kininogen deficiency and Fitzgerald trait clotting defect. Evidence that high molecular weight kininogen and prekallikrein exist as a complex in normal human plasma. J Clin Invest 60(3):571–83, Sep 77
*BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION/ FEMALE/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ IN VITRO/ *KALLIKREIN, deficiency/ KININOGENS, analysis/ *KININOGENS, blood/ MALE/ PEDIGREE/ PREKALLIKREIN, analysis/ *PREKALLIKREIN, deficiency/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2211. **Donati MB, Verhaeghe R, Culasso DE, et al:** Molecular size distribution of fibrinogen derivatives formed in vitro and in vivo: a chromatographic study. Thromb Haemostas 36(1):14–26, 31 Aug 76
BLOOD COAGULATION/ CHROMATOGRAPHY, GEL/ DIFFUSION/ *FIBRINOGEN/ HUMAN/ STREPTOKINASE

2212. **Donati MB, Balconi G, Remuzzi G, et al:** Skin fibroblasts from a patient with Glanzmann's thrombasthenia do not induce fibrin clot retraction [letter]. Thromb Res 10(1):173–4, Jan 77
ADOLESCENCE/ *BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION DISORDERS, physiopathology/ CASE REPORT/ CELLS, CULTURED/ *CLOT RETRACTION/ FEMALE/ *FIBROBLASTS, physiology/ HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2213. **Donato AD, Roman J:** Subcutaneous arteriovenous fistula for hemodialysis. Va Med 103(12):882–4, Dec 76
ADOLESCENCE/ ADULT/ AGED/

ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ *ARTERIOVENOUS SHUNT, SURGICAL, methods/ CHILD/ FEMALE/ FOREARM, blood supply/ *HEMODIALYSIS, methods/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOSIS, etiology

2214. **Doneen BA, Chung D, Yamashiro D, et al:** beta-Endorphin: structure-activity relationships in the guinea pig ileum and opiate receptor binding assays.
Biochem Biophys Res Commun 74(2):656-62, 24 Jan 77
ANIMAL/ BIOLOGICAL ASSAY/ CAMELS/ CARBOXYPEPTIDASES/ GUINEA PIGS/ HUMAN/ ILEUM, drug effects/ LEUCINE AMINOPEPTIDASE/ *NARCOTICS/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDES, metabolism/ PEPTIDES, pharmacodynamics/ *RECEPTORS, NARCOTIC, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2215. **Doneen BA, Bern HA, Haoli C:** Biological actions of human somatotrophin and its derivatives on mouse mammary gland and teleost urinary bladder. J Endocrinol 73(2):377-83, May 77
ANIMAL/ *BLADDER, drug effects/ FIBRINOLYSIN, pharmacodynamics/ FISHES/ HUMAN/ *MAMMAE, drug effects/ MICE/ *PROLACTIN, pharmacodynamics/ *SOMATOTROPIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2216. **Doni A:** Classificazione e patogenesi delle evenienze tromboemorragiche connesse con l'intervento chirurgico. La coagulazione intravascolare in chirurgia
Minerva Chir 31(20):1109-18, 31 Oct 76 (Eng. Abstr.) **(Ita)**
BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ *SURGERY, OPERATIVE/ *THROMBOSIS, etiology/ THROMBOSIS, prevention & control

2217. **Doni MG, Aragno R, Vassanelli P:** Effect of the portacaval shunt in the rat on the 'in vivo' platelet responsiveness to ADP. Thromb Res 10(4):539-47, Apr 77
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ BODY WEIGHT/ *PLATELET AGGREGATION, drug effects/ *PORTACAVAL ANASTOMOSIS/ RATS

2218. **Donnelly CH, Murphy DL:** Substrate- and inhibitor-related characteristics of human platelet monoamine oxidase.
Biochem Pharmacol 26(9):853-8, 1 May 77
ANIMAL/ BENZYLAMINES/ *BLOOD PLATELETS, enzymology/ BRAIN, enzymology/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ IN VITRO/ KINETICS/ MALE/ *MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ *MONOAMINE OXIDASE, blood/ PHENETHYLAMINES/ RATS/ SEROTONIN

2219. **Doolittle RF, Cottrell BA, Riley M:** Amino acid compositions of the subunit chains of lamprey fibrinogen. Evolutionary significance of some structural anomalies.
Biochim Biophys Acta 453(2):439-52, 22 Dec 76
AMINO ACIDS, analysis/ ANIMAL/ COMPARATIVE STUDY/ CROSS REACTIONS/ *CYCLOSTOMES, blood/ *EVOLUTION/ FIBRIN/ *FIBRINOGEN/ GEL DIFFUSION TESTS/ HUMAN/ *LAMPREYS, blood/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2220. **Doolittle RF, Cassman KG, Cottrell BA, et al:** Amino acid sequence studies on the alpha chain of human fibrinogen. Characterization of 11 cyanogen bromide fragments.
Biochemistry 16(8):1703-9, 19 Apr 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CYANOGEN BROMIDE/ *FIBRINOGEN/ HUMAN/ PEPTIDE FRAGMENTS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2221. **Doolittle RF, Cassman KG, Cottrell BA, et al:** Amino acid sequence studies on the alpha chain of human fibrinogen. Isolation and characterization of two linked alpha-chained cyanogen bromide fragments from fully cross-linked fibrin.
Biochemistry 16(8):1715-9, 19 Apr 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ CYANOGEN BROMIDE/ *FIBRIN/ *FIBRINOGEN/ HUMAN/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING

2222. **Doolittle RF:** Structure and function of fibrinogen.
Horiz Biochem Biophys 3:164-91, 1977 (38 ref.)
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BLOOD COAGULATION/ FIBRIN, physiology/ *FIBRINOGEN/ FIBRINOGEN, physiology/ FIBRINOPEPTIDES A/ FIBRINOPEPTIDES B/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PROTEIN CONFORMATION/ REVIEW

2223. **Doolittle, RF, Cassman KG, Cottrell BA, et al:** Amino acid sequence studies on the alpha chain of human fibrinogen. Covalent structure of the alpha-chain portion of fragment D.
Biochemistry 16(8):1710-5, 19 Apr 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *FIBRINOGEN/ FIBRINOLYSIN/ HUMAN/ PEPTIDE FRAGMENTS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2224. **Doonan S, Stanway G:** Identification of the reactive sulphydryl group of mitochondrial aspartate aminotransferase from pig heart. FEBS Lett 69(1):261-4, 15 Oct 76
AMINO ACID SEQUENCE/ *ASPARTATE AMINOTRANSFERASE/ BINDING SITES/ IODOACETATES/ *MYOCARDIUM, enzymology/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ PROTEIN BINDING/ SULFHYDRYL COMPOUNDS, analysis/ SWINE

2225. **Dor JF, Arlaud J, Chambourlier P, et al:** Purpura thrombopénique révélateur d'une maladie des inclusions cytomégaliques chez l'adulte. Nouv Presse Med 6(27):2441-2, 2-9 Jul 77 **(Fre)**
ADULT/ CASE REPORT/ *CYTOMEGALIC INCLUSION DISEASE, complications/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC, complications

2226. **Doran FS:** Clinical trials in surgery. Acta Chir Belg 75(1):111-21, JAN 76
CLINICAL RESEARCH/ ELECTRIC STIMULATION/ FEMALE/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ SCLEROSING SOLUTIONS/ *SURGERY, OPERATIVE/ THROMBOPHLEBITIS, prevention & control/ VARICOSE VEINS, drug therapy/ VARICOSE VEINS, surgery

2227. **Dorfman MV, Mantsurov NE, Levchenko AM:** Kavernoznaia gemangioma legkogo. Vrach Delo (5):56-8, May 77 **(Rus)**
ADULT/ CASE REPORT/ FEMALE/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, radiography/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ *LUNG NEOPLASMS/ LUNG NEOPLASMS, radiography/ LUNG NEOPLASMS, surgery

2228. **Dorman LC, Reitz RH, Krauss JA, et al:** N,N'-diprotected alpha,omega-aminoalkanoyl-lysine dipeptide bronchodilators. pp. 579-82.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
AMINOCAPROIC ACIDS/ AMINOPHYLLINE/ ANIMAL/ *BRONCHODILATOR AGENTS/ *DIPEPTIDES/ DIPEPTIDES, metabolism/ DIPEPTIDES, pharmacodynamics/ GUINEA PIGS/ LYSINE/ MONOGRAPH/ ORGAN SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP

2229. **Dormandy JA, Goyle KB, Reid HL:** Treatment of severe

intermittent claudication by controlled defibrination. Lancet 1(8012):625–6, 19 Mar 77
ARVIN, administration & dosage/ ARVIN, pharmacodynamics/ *ARVIN, therapeutic use/ BLOOD VISCOSITY, drug effects/ DRUG EVALUATION/ FIBRINOGEN, antagonists & inhibitors/ FOLLOW-UP STUDIES/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ INTERMITTENT CLAUDICATION, blood/ *INTERMITTENT CLAUDICATION, drug therapy/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use

2230. **Dorris GG, Bivins BA, Rapp RP, et al:** Inflammatory potential of foreign particulates in parenteral drugs. Anesth Analg (Cleve) 56(3):422–8, May–Jun 77
ANIMAL/ CEPHALOTHIN/ DOGS/ *DRUG CONTAMINATION/ *INFLAMMATION, chemically induced/ *INFUSIONS, PARENTERAL/ INTRADERMAL TESTS/ PHLEBITIS, chemically induced/ RABBITS/ SKIN TESTS/ THROMBOPHLEBITIS, chemically induced/ VEINS, pathology

2231. **Dosne AM, Merville C, Drouet L, et al:** Importance of transport mechanisms in circulating blood for platelet deposition on arterial subendothelium. Microvasc Res 14(1):45–52, Jul 77
ANIMAL/ ARTERIES/ BLOOD CELL COUNT/ *BLOOD PLATELETS, physiology/ ENDOTHELIUM/ HEMATOCRIT/ IN VITRO/ PERFUSION/ *PLATELET ADHESIVENESS/ RABBITS/ THROMBOSIS, etiology/ TIME FACTORS

2232. **Dost JK, Fuchs HF, Riemann JF:** Das Syndrom der einseitig oder partiell 'hellen Lunge Fortschr Med 95(6):317–22, 10 Feb 77 (Eng. Abstr.) **(Ger)**
ANGIOCARDIOGRAPHY/ CYSTS, radiography/ ENGLISH ABSTRACT/ HUMAN/ LUNG DISEASES, etiology/ *LUNG DISEASES, radiography/ LUNG, radiography/ PULMONARY ARTERY, radiography/ PULMONARY EMBOLISM, radiography/ PULMONARY EMPHYSEMA, radiography/ RESPIRATION/ SYNDROME/ THROMBOSIS, radiography/ TOMOGRAPHY, RADIOGRAPHIC

2233. **Doty DB, Baker WH:** Bypass of superior vena cava with spiral vein graft. Ann Thorac Surg 22(5):490–3, Nov 76
*CARDIOPULMONARY BYPASS/ CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ *SAPHENOUS VEIN, transplantation/ SYNDROME/ THROMBOSIS, surgery/ TRANSPLANTATION, AUTOLOGOUS/ *VENA CAVA, SUPERIOR/ VENA CAVA, SUPERIOR, surgery

2234. **Dougherty JH Jr, Levy DE, Weksler BB:** Platelet activation in acute cerebral ischaemia. Serial measurements of platelet function in cerebrovascular disease. Lancet 1(8016):821–4, 16 Apr 77
ACUTE DISEASE/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ AGED/ ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS, pathology/ *BLOOD PLATELETS, physiology/ *CEREBRAL ISCHEMIA, TRANSIENT, blood/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ *CEREBROVASCULAR DISORDERS, blood/ CHRONIC DISEASE/ COLLAGEN, pharmacodynamics/ DIPYRIDAMOLE, pharmacodynamics/ DIPYRIDAMOLE, therapeutic use/ EPINEPHRINE, pharmacodynamics/ HUMAN/ IN VITRO/ MIDDLE AGE/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2235. **Doust BD, Quiroz F, Stewart JM:** Ultrasonic distinction of abscesses from other intra-abdominal fluid collections. Radiology 125(1):213–8, Oct 77
*ABDOMEN/ *ABSCESS, diagnosis/ ASCITES, diagnosis/ CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC ERRORS/ HEMATOMA, diagnosis/ HUMAN/ LIVER ABSCESS, diagnosis/ *ULTRASONICS, diagnostic use

2236. **Doutre MP:** Pathogénie de la péripneumonie bovine. Etat réceptif de bovins maintenus sous héparine Rev Elev Med Vet Pays Trop 29(2):109–13, 1976 (Eng. Abstr.) **(Fre)**
ANIMAL/ *CATTLE DISEASES, pathology/ CATTLE/ ENGLISH ABSTRACT/ *HEPARIN, pharmacodynamics/ LUNG, pathology/ MALE/ *MYCOPLASMA INFECTIONS, veterinary/ PLEUROPNEUMONIA, CONTAGIOUS, pathology/ *PLEUROPNEUMONIA, CONTAGIOUS, veterinary

2237. **Doutremepuich C, Baudet E, Chauve A, et al:** Detection and prevention of a fibrinolysis after an extra-corporeal circulation in cardiac surgery [letter]. Thromb Haemostas 36(1):296, 31 Aug 76
*EXTRACORPOREAL CIRCULATION/ *FIBRINOLYSIS/ *HEART SURGERY/ HUMAN/ POSTOPERATIVE COMPLICATIONS

2238. **Doutremepuich C, Oca C, Coqueran JE, et al:** Variations de l'hémostase du nourrisson sous hypothermie profonde Ann Anesthesiol Fr 18(1):62–7, 1977 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ EXTRACORPOREAL CIRCULATION, adverse effects/ FEMALE/ FIBRINOGEN, physiology/ *HEART DEFECTS, CONGENITAL, surgery/ HEART SURGERY/ HEMATOCRIT/ *HEMOSTASIS/ HEPARIN, blood/ HUMAN/ *HYPOTHERMIA, INDUCED/ HYPOTHERMIA, INDUCED, adverse effects/ INFANT/ MALE/ PROTAMINES, therapeutic use/ PROTHROMBIN, physiology/ THROMBIN, physiology

2239. **Douzou P, Balny C:** Cryoenzymology in mixed solvents without cosolvent effects on enzyme specific activity. Proc Natl Acad Sci USA 74(6):2297–300, Jun 77
*COLD/ FREEZING/ HYDROGEN-ION CONCENTRATION/ KINETICS/ SOLVENTS/ *TRYPSIN, metabolism

2240. **Dove AF, Patterson KG, Aronstam A:** Iidiopathic thrombocytopenic purpura and autoimmune thyroid disease. Practitioner 218(1306):550–2, Apr 77
ADULT/ *AUTOIMMUNE DISEASES, complications/ CASE REPORT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, complications

2241. **Dovgalev SI, Ermolenko IN, Buglov ED, et al:** Izuchenie vozmozhnosti primeneniia fosfatborata tselliulozy dlia stabilizatsii krovi Probl Gematol Pereliv Krovi 21(12):42–3, Dec 76 **(Rus)**
BLOOD DONORS/ *BLOOD PRESERVATION, methods/ BORATES/ *CELLULOSE, pharmacodynamics/ DRUG STABILITY/ PHOSPHATES

2242. **Dowling SV, Ekert H:** A comparison of two methods for measurement of von Willebrand's factor (ristocetin cofactor) [letter]. Thromb Haemostas 36(1):284–5, 31 Aug 76
*BLOOD COAGULATION FACTORS, analysis/ METHODS/ *VON WILLEBRAND FACTOR, analysis

2243. **Downie DM, Voak D:** Improved antibody detection by the use of range expansion and longer filter wavelength in a low ionic strength-protamine sulphate Auto-Analyzer system. J Clin Pathol 29(11):991–4, Nov 76
*ANTIBODIES, analysis/ *AUTOANALYSIS, methods/ *COLORIMETRY, methods/ COMPARATIVE STUDY/ FILTRATION, instrumentation/ FREEZING/ GLYCERIN/ HUMAN/ INDICATORS AND REAGENTS/ OSMOLAR CONCENTRATION/ PROTAMINES/ SULFATES

2244. **Doxanas MT, Green WT, Arentsen JJ, et al:** Lid lesions of childhood: a histopathologic survey at the Wilmer Institute (1923–1974). J Pediatr Ophthalmol 13(1):7–39, Jan 76
ADOLESCENCE/ CARCINOMA, pathology/ CHILD/ CHILD, PRESCHOOL/ DERMOID CYST, pathology/ *EYELID DISEASES/ EYELID DISEASES, pathology/ EYELID NEOPLASMS, pathology/ EYELIDS, pathology/ FEMALE/ GRANULOMA, pathology/ HEMANGIOMA, pathology/ HISTIOCYTOMA, pathology/ HUMAN/ INFANT/ INFANT, NEWBORN/

LYMPHANGIOMA, pathology/ MALE/ MEIBOMIAN GLANDS, pathology/ NEUROFIBROMA, pathology/ NEVUS, pathology/ PAPILLOMA, pathology/ RHABDOMYOSARCOMA, pathology/ SKIN NEOPLASMS, pathology

2245. **Drabikowski W:** Limited proteolysis of the components of regulatory proteins system. pp. 395–404.
In: Carafoli E, et al., ed. Calcium transport in contraction and secretion. Amsterdam, North-Holland, 1975. QV 276 I61c 1975.
ACTIN, metabolism/ ACTOMYOSIN, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ BINDING SITES/ CALCIUM, metabolism/ ENZYME ACTIVATION, drug effects/ HYDROLYSIS/ KINETICS/ MAGNESIUM, pharmacodynamics/ MONOGRAPH/ *MUSCLE PROTEINS/ MUSCLE PROTEINS, metabolism/ MUSCLES, metabolism/ MYOFIBRILS, metabolism/ MYOSIN, metabolism/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ RABBITS/ *TROPOMYOSIN/ TROPOMYOSIN, metabolism/ TROPOMYOSIN, pharmacodynamics/ *TROPONIN/ TROPONIN, metabolism/ TROPONIN, pharmacodynamics/ *TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2246. **Drabikowski W, Grabarek Z, Barylko B:** Degradation of TN-C component of troponin by trypsin.
Biochim Biophys Acta 490(1):216–24, 25 Jan 77
ANIMAL/ *CALCIUM, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ MOLECULAR WEIGHT/ *MUSCLE PROTEINS, metabolism/ PEPTIDES, metabolism/ PROTEIN CONFORMATION, drug effects/ RABBITS/ SPECTROMETRY, FLUORESCENCE/ *TROPONIN, metabolism/ *TRYPSIN, metabolism

2247. **Drapeau GR:** Protease from Staphyloccus aureus.
Methods Enzymol 45:469–75, 1976
AMINO ACIDS, analysis/ CASEIN/ CATIONS, DIVALENT/ DRUG STABILITY/ ESTERASES, isolation & purification/ ESTERASES, metabolism/ HEMOGLOBINS/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *STAPHYLOCOCCUS AUREUS, enzymology

2248. **Dray-Attali L, Larrieu MJ:** Fragments d – correlation between structure and biological activity. Thromb Res 10(4):575–86, Apr 77
CHEMISTRY/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRINOLYSIN/ HUMAN/ MOLECULAR WEIGHT/ STRUCTURE-ACTIVITY RELATIONSHIP

2249. **Dreiling DA, Leichtling JJ, Greenstein AJ:** Trasylol revisited: the value of proteolytic inhibitors in the therapy of pancreatitis. Mt Sinai J Med NY 43(4):409–14, Jul-Aug 76 (25 ref.)
ANIMAL/ DOGS/ DRUG EVALUATION/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, drug therapy/ REVIEW

2250. **Dreux C:** Les incidences biologiques des contraceptifs oraux. Introduction Pathol Biol (Paris) 24(9):623–4, Nov 76 **(Fre)**
*CONTRACEPTIVES, ORAL, adverse effects/ GLUCOSE TOLERANCE TEST/ HUMAN/ INSULIN, secretion/ LIPIDS, metabolism/ THROMBOSIS, etiology

2251. **Drevina AI, Grinshteĭn EIa:** Kompleksnoe lechenie trofícheskikh iazv nizhnikh konechnosteĭ Vestn Khir 117(12):57–9, Dec 76 (Eng. Abstr.) **(Rus)**
ADULT/ ANTIBIOTICS, therapeutic use/ BANDAGES/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIN, therapeutic use/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ INDANS, therapeutic use/ MALE/ MIDDLE AGE/ TRYPSIN, therapeutic use/ *VARICOSE ULCER, therapy/ WOUND HEALING

2252. **Drew WL, Finley TN, Golde DW:** Diagnostic lavage and occult pulmonary hemorrhage in thrombocytopenic immunocompromised patients. Am Rev Respir Dis 116(2):215–21, Aug 77
ADOLESCENCE/ ADULT/ AGED/ BACTERIAL INFECTIONS, microbiology/ CHILD/ FEMALE/ *HEMORRHAGE, diagnosis/ HEMOSIDERIN, analysis/ HUMAN/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ IMMUNOSUPPRESSION/ *IRRIGATION, methods/ *LUNG DISEASES, diagnosis/ LUNG DISEASES, FUNGAL, microbiology/ LUNG NEOPLASMS, diagnosis/ LUNG, microbiology/ MACROPHAGES, analysis/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *THROMBOPENIA, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2253. **Driller J, Schlom L, Alpert J, et al:** New percutaneous caval filter device for pulmonary thromboembolism.
Med Biol Eng 14(6):629–35, Nov 76
*FILTRATION, instrumentation/ HUMAN/ METHODS/ *PULMONARY EMBOLISM, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VENA CAVA, INFERIOR

2254. **Drlica K, Worcel A:** Viscometric analysis of conformational transitions in the Escherichia coli chromosome. pp. 138–58.
In: Goulian M, Hanawalt P, ed. DNA synthesis and its regulation. Menlo Park, Calif., Benjamin, 1975. W3 I322 v.3 1975.
*CHROMOSOMES, ultrastructure/ DNA, BACTERIAL, analysis/ *DNA, BACTERIAL, physiology/ ETHIDIUM/ MOLECULAR WEIGHT/ MONOGRAPH/ *NUCLEIC ACID CONFORMATION/ NUCLEIC ACID CONFORMATION, drug effects/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES/ RIBONUCLEASE, metabolism/ ROTATION/ SODIUM, pharmacodynamics/ SOLUBILITY/ SPERMIDINE, pharmacodynamics/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VISCOSITY

2255. **Drobiazgo LD, Prokopenko LG:** Immunostimuliruiushchie svoĭstva syvorotok krolikov s eksperimental'nym aterosklerozom. Kardiologiia 17(3):118–24, Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *ANTIBODY FORMATION/ ANTICHOLESTEREMIC AGENTS, immunology/ *ARTERIOSCLEROSIS, immunology/ ATHEROSCLEROSIS, blood/ *ATHEROSCLEROSIS, immunology/ *AUTOANTIBODIES/ AUTOIMMUNE DISEASES/ CHOLESTEROL, immunology/ CHOLESTEROL, DIETARY, administration & dosage/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ KALLIKREIN-TRYPSIN INACTIVATOR, immunology/ RABBITS

2256. **Drobinski G, Evans JI, Botreau-Roussel P, et al:** Dysfonctionnement tardif d'une prothèse valvulaire mitrale à bille par obstruction de l'orifice de sortie de la prothèse. Diagnostic hémodynamique et échocardiographique Ann Cardiol Angeiol (Paris) 25(6):553–6, Dec 76 **(Fre)**
ADULT/ CASE REPORT/ ECHOCARDIOGRAPHY/ FEMALE/ HEART CATHETERIZATION/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ *MITRAL VALVE, surgery/ THROMBOSIS, diagnosis/ *THROMBOSIS, etiology/ TIME FACTORS

2257. **Droller MJ:** Thrombin-induced platelet prostaglandin and cyclic AMP production and a possible intrinsic modulation of platelet function. Scand J Haematol 17(3):167–78, SEP 76
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, secretion/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ CALCIUM, secretion/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ NUCLEOTIDES, blood/ NUCLEOTIDES, secretion/ PROSTAGLANDINS

E, blood/ PROSTAGLANDINS E, secretion/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, secretion/ PROSTAGLANDINS, blood/ SECRETORY RATE, drug effects/ THROMBIN, administration & dosage/ *THROMBIN, pharmacodynamics

2258. **Drummond AH, MacIntyre DE, Olverman HJ:** Aspirin at therapeutic concentrations does not affect 5-hydroxytryptamine uptake by platelets. Br J Pharmacol 59(4):661-2, Apr 77
*ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ HUMAN/ IN VITRO/ OSMOLAR CONCENTRATION/ PLATELET AGGREGATION, drug effects/ *SEROTONIN, blood/ TIME FACTORS

2259. **Drummond S, Saunders JH, Leach R, et al:** Enzymic activities of commercial preparations of pancreatic enzymes. Scott Med J 22(3):221-4, Jul 77
AMYLASE, analysis/ COMPARATIVE STUDY/ LIPASE, analysis/ *PANCREAS, enzymology/ *PANCREATIC EXTRACTS, pharmacodynamics/ PEPTIDE HYDROLASES, analysis

2260. **Dry J, Pradalier A, Leynadier F, et al:** Recherche d'une interférence du flunitrazepam sur l'action des antivitamines K Therapie 31(6):805-6, Nov-Dec 76 **(Fre)**
*BENZODIAZEPINE TRANQUILIZERS, pharmacodynamics/ CLINICAL RESEARCH/ *COUMARINS, antagonists & inhibitors/ DRUG INTERACTIONS/ *FLUNITRAZEPAM, pharmacodynamics/ HUMAN/ PLACEBOS

2261. **D'Souza S, Ekert H, Ananthakrishnan R, et al:** Assessment of the value of factor VIII procoagulant and antigen ratio in the diagnosis of carriers of haemophilia. Aust NZ J Med 6(3):218-22, Jun 76
ADULT/ *ANTIGENS, analysis/ CONTRACEPTIVES, ORAL, pharmacodynamics/ *FACTOR VIII, analysis/ FACTOR VIII, immunology/ FEMALE/ GENETIC COUNSELING/ HEMOPHILIA, blood/ *HEMOPHILIA, diagnosis/ HEMOPHILIA, familial & genetic/ *HETEROZYGOTE/ HUMAN/ MENSTRUATION/ MIDDLE AGE

2262. **du Cailar J, Chaptal PA, d'Athis F, et al:** Embolie pulmonaire atypique par association à une communication inter-auriculaire. Ann Anesthesiol Fr 18(3):309-12, 19 Jul 77 (Eng. Abstr.) **(Fre)**
CASE REPORT/ ENGLISH ABSTRACT/ *HEART SEPTAL DEFECTS, ATRIAL, complications/ HEART SEPTAL DEFECTS, ATRIAL, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, etiology

2263. **Dubarry M, Moullec J:** Purification d'une fraction de bêta lipoprotéines riche en Lp (a) Rev Fr Transfus Immunohematol 19(4):555-62, Dec 76 (Eng. Abstr.) **(Fre)**
*ANTIGENIC DETERMINANTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GEL/ ENGLISH ABSTRACT/ HEPARIN, pharmacodynamics/ HUMAN/ *LIPOPROTEINS, LDL, isolation & purification/ MANGANESE, pharmacodynamics/ PRECIPITATION

2264. **Dube B, Khanna MS, Kulkarni BJ:** Blood fibrinolytic activity in cancer patients. Indian J Pathol Microbiol 19(3):155-60, Jul 76
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ *NEOPLASMS, blood/ SERUM GLOBULINS/ THROMBIN

2265. **Dube B, Bhattacharya S, Sinha VN, et al:** Blood coagulations studies in pregnant patients with infective hepatitis. Br J Obstet Gynaecol 84(8):592-9, Aug 77
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ FEMALE/ *HEPATITIS A, blood/ HUMAN/ LIVER FUNCTION TESTS/ *PREGNANCY COMPLICATIONS, INFECTIOUS, blood/ PREGNANCY

2266. **Dubiaga AN, Gladin NK:** Nekotorye spornye voprosy v lechenii kholodovoĭ travmy Vestn Khir 117(9):64-9, Sep 76 **(Rus)**
ACETYLCHOLINE, therapeutic use/ ADULT/ *ARM INJURIES, therapy/ BANDAGES/ CASE REPORT/ COMPARATIVE STUDY/ DRUG THERAPY, COMBINATION/ EPHEDRINE, therapeutic use/ FEMALE/ FIRST AID/ *FROSTBITE, therapy/ HEPARIN, therapeutic use/ HUMAN/ *LEG INJURIES, therapy/ METHODS/ OPIUM, therapeutic use/ PROCAINE, therapeutic use

2267. **Dubin A:** A polyvalent proteinase inhibitor from horse-blood-leucocyte cytosol. Isolation, purification and some molecular parameters. Eur J Biochem 73(2):429-35, Mar 1 77
ANIMAL/ BLOOD PROTEINS, isolation & purification/ *BLOOD PROTEINS, physiology/ CYTOPLASMIC GRANULES, enzymology/ CYTOSOL, analysis/ DOGS/ HORSES/ LEUKOCYTES, enzymology/ *LEUKOCYTES, physiology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN CONFORMATION/ SPECIES SPECIFICITY/ SUBCELLULAR FRACTIONS, physiology

2268. **Dubin SE, Piszczek JE, Beard R, et al:** Effects of anticoagulants on packed cell volume measurement. Lab Anim Sci 26(4):586-91, Aug 76
ANIMAL/ *ANTICOAGULANTS, pharmacodynamics/ CATS/ COMPARATIVE STUDY/ DOGS/ EDTA, pharmacodynamics/ ERYTHROCYTES, drug effects/ *HEMATOCRIT/ HEMOGLOBINS, analysis/ HUMAN/ HYDROGEN, pharmacodynamics/ POTASSIUM, pharmacodynamics/ RABBITS/ SODIUM, pharmacodynamics

2269. **Dublin AB, French BN, Rennick JM:** Computed tomography in head trauma. Radiology 122(2):365-9, Feb 77
BRAIN DISEASES, radiography/ BRAIN INJURIES, ACUTE, radiography/ BRAIN STEM, injuries/ CEREBRAL HEMORRHAGE, radiography/ CONTUSIONS, radiography/ *HEAD INJURIES, radiography/ HEMATOMA, radiography/ HEMATOMA, EPIDURAL, radiography/ HEMATOMA, SUBDURAL, radiography/ HUMAN/ HYPERTROPHY, radiography/ SKULL FRACTURES, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL/ VENTRICULOGRAPHY, CEREBRAL

2270. **Dubost C, Daumet P, Soyer R, et al:** Conséquences circulatoires de la vascularisation systémique d'un poumon droit à retour veineux pulmonaire anormal total Ann Chir Thorac Cardiovasc 15(3):237-41, Jul 76 (Eng. Abstr.) **(Fre)**
ADULT/ ARTERIOVENOUS MALFORMATIONS, surgery/ BRONCHOPULMONARY SEQUESTRATION, etiology/ CASE REPORT/ COLLATERAL CIRCULATION/ ENGLISH ABSTRACT/ HUMAN/ *LUNG, blood supply/ MALE/ PNEUMONECTOMY/ *PULMONARY ARTERY, abnormalities/ *PULMONARY VEINS, abnormalities/ SYNDROME/ THROMBOSIS, etiology

2271. **Dubost C, Blondeau P, d'Allaines C, et al:** Thromboses massives de l'oreillette gauche a propos d'une série chirurgicale de 76 cas Ann Chir Thorac Cardiovasc 16(1):45-50, Jan 77 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ *HEART ATRIUM/ *HEART SURGERY, adverse effects/ HEART VALVE DISEASES, surgery/ HUMAN/ MITRAL VALVE/ *THROMBOSIS, etiology

2272. **Dubourdieu M, Fox JL:** Amino acid sequence of Desulfovibrio vulgaris flavodoxin. J Biol Chem 252(4):1453-63, 25 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AZOTOBACTER, analysis/ CHYMOTRYPSIN/ CLOSTRIDIUM, analysis/ *DESULFOVIBRIO, analysis/ *FLAVODOXIN/ *FLAVOPROTEINS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PEPTOSTREPTOCOCCUS, analysis/ RHODOSPIRILLUM RUBRUM, analysis/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED,

NON-N.I.H.

2273. **Dubuc F, Rouleau C:** A propos de la lombo-sciatalgie et de la chémonucléolyse Union Med Can 106(1):65–72, Jan 77 (Eng. Abstr.) **(Fre)**
*CHYMOPAPAIN, administration & dosage/ CHYMOPAPAIN, therapeutic use/ DEXAMETHASONE, administration & dosage/ ENGLISH ABSTRACT/ HUMAN/ *INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ *PEPTIDE PEPTIDOHYDROLASES, administration & dosage/ *SCIATICA, drug therapy

2274. **Duca S, Suciu A, Szantay I, et al:** Ameliorarea debitului de perfuzie al ficatului izolat de şobolan sub acţiunea streptazei. Rev Med Intern [Med Intern] 29(2):177–83, Mar–Apr 77 (Eng. Abstr.) **(Rum)**
ANIMAL/ ENGLISH ABSTRACT/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ *LIVER CIRCULATION/ LIVER, drug effects/ *LIVER, metabolism/ *ORGAN PRESERVATION/ PERFUSION/ RATS/ *STREPTOKINASE, pharmacodynamics/ *TISSUE PRESERVATION

2275. **Ducassou J, Richaud C, Hermanowicz M:** Tumeur rare des bourses. A propos d'un cas d'angiome de l'épididyme J Urol Nephrol (Paris) 82(6):529–31, Jun 76 **(Fre)**
ADULT/ CASE REPORT/ EPIDIDYMIS/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ TESTICULAR NEOPLASMS, complications/ TESTICULAR NEOPLASMS, surgery/ VARICOCELE, etiology

2276. **Duckert F, Marbet GA:** Die Kontrolle der oralen Antikoagulation. Der therapeutische Bereich Praxis 66(10):293–4, 8 Mar 77 **(Ger)**
*ANTICOAGULANTS/ HUMAN/ *THROMBOPLASTIN

2277. **Duckert F:** Wirkungsmechanismus subkutaner kleiner Heparindosen Ther Umsch 34(5):334–7, May 77 (Eng. Abstr.) **(Ger)**
BLOOD COAGULATION, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ HUMAN/ INJECTIONS, SUBCUTANEOUS

2278. **Duckert F, Marbet GA:** Die Kontrolle der oralen Antikoagulation. Der therapeutische Bereich Ther Umsch 34(5):355, May 77 **(Ger)**
ADMINISTRATION, ORAL/ *ANTICOAGULANTS, administration & dosage/ *BLOOD COAGULATION, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN

2279. **Duckert F:** Häufige Fehlerquellen bei der Laborkontrolle der oralen Antikoagulation Ther Umsch 34(5):350–4, May 77 (Eng. Abstr.) **(Ger)**
*BLOOD COAGULATION TESTS, methods/ BLOOD COAGULATION, drug effects/ DIAGNOSTIC ERRORS/ ENGLISH ABSTRACT/ HEMATOCRIT/ *HEPARIN, administration & dosage/ HUMAN/ THROMBOPLASTIN, metabolism

2280. **Dudaev VA, Evdokimov VV:** Viazkost' krovi u bol'nykh ishemicheskoĭ bolezn'iu serdtsa s raznymi tipami giperlipoproteidemiĭ. Kardiologiia 17(6):79–82, Jun 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *BLOOD VISCOSITY/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN/ HYPERCHOLESTEREMIA, blood/ *HYPERLIPEMIA, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ MIDDLE AGE/ TRIGLYCERIDES, blood

2281. **Dudrick SJ, Long JM 3d:** Applications and hazards of intravenous hyperalimentation. Annu Rev Med 28:517–28, 1977 (20 ref.)
ADULT/ BURNS, therapy/ CATHETERIZATION, adverse effects/ COLITIS, therapy/ FEVER/ HUMAN/ HYPERGLYCEMIA, etiology/ INFANT/ INFECTION, etiology/ INTESTINAL FISTULA, therapy/ INTESTINAL OBSTRUCTION, therapy/ KIDNEY FAILURE, ACUTE, therapy/ KIDNEY FAILURE, CHRONIC, therapy/ NEOPLASMS, therapy/ NUTRITION DISORDERS, therapy/ PANCREATITIS, therapy/ *PARENTERAL FEEDING/ PARENTERAL FEEDING, adverse effects/ *PARENTERAL HYPERALIMENTATION/ PARENTERAL HYPERALIMENTATION, adverse effects/ REVIEW/ THROMBOPHLEBITIS, etiology

2282. **Dudziński W:** Obrzęk mózgu jako powikłanie ketokwasicy cukrzycowej Pol Tyg Lek 31(51):2201–3, 20 Dec 76 **(Pol)**
*ACIDOSIS, DIABETIC, complications/ BLOOD VISCOSITY/ BLOOD/ BRAIN EDEMA, complications/ *BRAIN EDEMA, etiology/ BRAIN, metabolism/ CEREBRAL ANOXIA/ CEREBROSPINAL FLUID/ GLUCOSE, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *KETOSIS, DIABETIC, complications/ SORBITOL, metabolism/ VASCULAR RESISTANCE

2283. **Dufau ML, Charreau E, Ryan D, et al:** Characteristics of soluble gonadotropin receptors for LH and HCG. pp. 47–77.
In: Dufau ML, Means AR, ed. Hormone binding and target cell activation in the testis. New York, Plenum Press, 1974.
ANIMAL/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, GEL/ DETERGENTS, pharmacodynamics/ FEMALE/ *GONADOTROPINS, CHORIONIC, metabolism/ *LH, metabolism/ MALE/ MONOGRAPH/ NEURAMINIDASE, pharmacodynamics/ OVARY, metabolism/ PHOSPHOLIPASE, pharmacodynamics/ RATS/ *RECEPTORS, HORMONE, isolation & purification/ TESTIS, metabolism/ TRYPSIN, pharmacodynamics

2284. **Duffy LK, Genaux CT:** The primary structure of the hemoglobin beta-chain of Microtus xanthognathus. Comp Biochem Physiol [B] 56(2):143–6, 1977
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CYANOGEN BROMIDE/ *HEMOGLOBINS/ PEPTIDE FRAGMENTS, analysis/ *RODENTS, blood/ TRYPSIN/ *VOLES, blood

2285. **Duffy MJ, Duffy GJ:** Studies on the labeling of streptokinase with 99mTc for use as a radiopharmaceutical in the detection of deep-vein thrombosis: concise communication. J Nucl Med 18(5):483–5, May 77
CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOTOPE LABELING/ *STREPTOKINASE, diagnostic use/ STREPTOKINASE, metabolism/ *TECHNETIUM, diagnostic use/ *THROMBOSIS, diagnosis/ TIN POLYPHOSPHATES, metabolism/ TIN, metabolism

2286. **Duffy P, Ryan J, Aldous W:** Ultrasound demonstration of a 1.5 cm intrarenal angiomyolipoma. JCU 5(2):111–3, Apr 77
ADULT/ CASE REPORT/ FEMALE/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HUMAN/ *KIDNEY NEOPLASMS, diagnosis/ KIDNEY NEOPLASMS, pathology/ *LIPOMA, diagnosis/ LIPOMA, pathology/ *ULTRASONICS, diagnostic use

2287. **Duliapin VA, Fil'chagin NM:** Razrabotka ob'ektivnoĭ otsenki aktivnosti revmatoidnogo sinovita Ter Arkh 48(11):48–50, 1976 **(Rus)**
ACID PHOSPHATASE, analysis/ *ARTHRITIS, RHEUMATOID/ ARTHRITIS, RHEUMATOID, pathology/ CELL COUNT/ FIBRIN, analysis/ HUMAN/ PROTEOGLYCANS, analysis/ SYNOVIAL FLUID, analysis/ SYNOVIAL MEMBRANE, pathology/ *SYNOVITIS/ SYNOVITIS, pathology

2288. **Duncan BM, Lloyd JV:** Linear regression technique [letter]. Thromb Haemostas 36(2):486–8, 30 Nov 76
*BLOOD COAGULATION TESTS, methods/ METHODS/ *REGRESSION ANALYSIS/ *STATISTICS

2289. **Duncan JR, Prasse KW:** Clinical examination of bone marrow. Vet Clin North Am 6(4):597–608, Nov 76
ANEMIA, APLASTIC, veterinary/ ANIMAL/ BIOPSY, NEEDLE, veterinary/ *BONE MARROW EXAMINATION, veterinary/ CAT DISEASES, diagnosis/ CATS/ DOG DISEASES, diagnosis/ DOGS/ ERYTHREMIC MYELOSIS, veterinary/ FELINE INFECTIOUS ENTERITIS, diagnosis/ LEUKEMIA, veterinary/ LEUKEMIA, LYMPHOCYTIC, veterinary/ LEUKEMIA, MONOCYTIC, veterinary/ LEUKEMIA, MYELOCYTIC, veterinary/ LEUKOPENIA, veterinary/ MAST CELLS/ MULTIPLE MYELOMA, veterinary/ RETICULOENDOTHELIOSIS, veterinary/ THROMBOPENIA, veterinary

2290. **Dünges W:** 4-Bromomethyl-7-methoxycoumarin as a new fluorescence label for fatty acids. Anal Chem 49(3):442–5, Mar 77
CHROMATOGRAPHY, THIN LAYER/ *COUMARINS/ *FATTY ACIDS, isolation & purification/ METHODS/ SPECTROMETRY, FLUORESCENCE

2291. **Dunn DC:** An inflatable occluder for clinical use. J Cardiovasc Surg (Torino) 18(2):123–8, Mar–Apr 77
AGED/ ANIMAL/ *ARTERIES, surgery/ CASE REPORT/ DOGS/ EMBOLISM, surgery/ FEMALE/ FEMORAL ARTERY/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ RABBITS/ SURGICAL INSTRUMENTS/ THROMBOSIS/ *VASCULAR SURGERY, instrumentation

2292. **Dunn DC:** Orthotopic renal transplantation in the rabbit. Transplantation 22(5):427–33, Nov 76
ANESTHESIA/ ANIMAL/ BLOOD PRESSURE/ BODY TEMPERATURE/ FEMALE/ GRAFT REJECTION/ KIDNEY TUBULAR NECROSIS, ACUTE, etiology/ *KIDNEY, transplantation/ MALE/ RABBITS/ RENAL ARTERY, surgery/ SUTURE TECHNICS/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, etiology/ TIME FACTORS/ *TRANSPLANTATION, ALLOGENEIC, methods/ TRANSPLANTATION, AUTOLOGOUS/ *TRANSPLANTATION, HOMOLOGOUS, methods

2293. **Dunnebacke TH, Schuster FL:** The nature of a cytopathogenic material present in amebae of the genus Naegleria. Am J Trop Med Hyg 26(3):412–21, May 77
*AMOEBA, analysis/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ COLD/ HEAT/ MOLECULAR WEIGHT/ PRONASE/ *PROTEINS/ PROTEINS, analysis/ PROTEINS, isolation & purification/ SPECTROPHOTOMETRY/ TRYPSIN/ ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2294. **Dunnick WA, Bach FH:** Specificity and structural analysis of a guinea pig transfer factor-like activity. J Immunol 118(6):1944–50, Jun 77
ALKALIES/ ANIMAL/ *ANTIGENIC DETERMINANTS/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GEL/ GAMMA GLOBULINS, metabolism/ GUINEA PIGS/ HEAT/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ OVALBUMIN, metabolism/ PHOSPHODIESTERASES, pharmacodynamics/ PRONASE, pharmacodynamics/ *TRANSFER FACTOR, immunology/ TRANSFER FACTOR, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2295. **Dunsker SB:** Complications of carotid endarterectomy. Clin Neurosurg 23:336–41, 1976
*CAROTID ARTERIES, surgery/ CAROTID ARTERY THROMBOSIS, complications/ CAROTID ARTERY THROMBOSIS, surgery/ CEREBROVASCULAR DISORDERS, etiology/ *ENDARTERECTOMY, adverse effects/ ENDARTERECTOMY, methods/ HEMATOMA, therapy/ HUMAN/ HYPOGLOSSAL NERVE/ HYPOTENSION, prevention & control/ PARALYSIS, therapy/ PAROTID GLAND, injuries/ *POSTOPERATIVE COMPLICATIONS

2296. **Dunzendorfer U, Weber W:** Histochemische Untersuchungen zum Plasmingehalt in der normalen und in der hypertrophischen Prostata. Acta Histochem (Jena) 58(2):332–6, 1977 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ *FIBRINOLYSIN, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ MALE/ *PROSTATE, enzymology/ PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, enzymology

2297. **Duporieux J, Fitoussi PS, Renard X:** Le déficit congénital en factuer stabilisant de la fibrine (facteur XIII) Nouv Presse Med 5(43):2941–3, 18 Dec 76 **(Fre)**
ADOLESCENCE/ BLOOD COAGULATION TESTS/ CHILD/ CLOT RETRACTION/ *FACTOR XIII DEFICIENCY, congenital/ FACTOR XIII DEFICIENCY, familial & genetic/ FACTOR XIII DEFICIENCY, diagnosis/ FACTOR XIII, physiology/ HUMAN/ MALE/ SOLUBILITY/ THROMBELASTOGRAPHY

2298. **Duquesnay RJ, Filip DJ, Rodey GE, et al:** Transfusion therapy of refractory thrombcytopenic patients with platelets from donors selectively mismatched for cross-reactive HLA antigens. Transplant Proc 9(1 Suppl 1):221–4, Mar 77
*BLOOD PLATELETS/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ CROSS REACTIONS/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY/ *HL-A/ HUMAN/ *THROMBOPENIA, therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2299. **Duquesnoy RJ, Vieira J, Aster RH:** Donor availability for platelet transfusion support of alloimmunized thrombocytopenic patients. Transplant Proc 9(1):519–21, Mar 77
*BLOOD DONORS/ *BLOOD PLATELETS, transplantation/ *BLOOD TRANSFUSION/ HL-A/ HUMAN/ THROMBOPENIA, immunology/ *THROMBOPENIA, therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2300. **Duquesnoy RJ, Filip DJ, Aster RH:** Influence of HLA-A2 on the effectiveness of platelet transfusions in alloimmunized thrombocytopenic patients. Blood 50(3):407–12, Sep 77
ANTIBODY SPECIFICITY/ *BLOOD PLATELETS/ BLOOD TRANSFUSION/ CROSS REACTIONS/ *HISTOCOMPATIBILITY ANTIGENS/ *HL-A/ HUMAN/ IMMUNIZATION/ ISOANTIBODIES/ *THROMBOPHLEBITIS, therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2301. **Duranceau A, Jones RH, Sabiston DC Jr:** The diagnosis of pulmonary embolism. Compr Ther 2(12):6–14, Dec 76
BLOOD GAS ANALYSIS/ ELECTROCARDIOGRAPHY/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, diagnostic use/ HUMAN/ LUNG, radiography/ MIDDLE AGE/ PULMONARY ARTERY, radiography/ PULMONARY EMBOLISM, blood/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ RADIONUCLIDE IMAGING/ THROMBOPHLEBITIS, diagnosis/ VENTILATION-PERFUSION RATIO

2302. **Durand S, Clemente F, Lloveras J, et al:** Activité phospholipasique A spontanée de l'homogénat de pancréas de rat C R Acad Sci [D] (Paris) 284(14):1357–60, 4 Apr 77 (Eng. Abstr.) **(Fre)**
ANIMAL/ CALCIUM, pharmacodynamics/ DEOXYCHOLIC ACID, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ ENZYME PRECURSORS, metabolism/ HYDROGEN-ION CONCENTRATION/ MALE/ *PANCREAS, enzymology/ PHOSPHATIDYLCHOLINES, metabolism/ PHOSPHATIDYLETHANOLAMINES, metabolism/ *PHOSPHOLIPASE, metabolism/ RATS/ TEMPERATURE/ TRYPSIN, metabolism

2303. **Durantez A, Zighelboim J:** Studies of lymphocyte-dependent antibodies to leukemia-associated antigens using frozen

stored leukemia target cells. Transplantation 22(2):190–6, Aug 76
*ANTIBODIES, NEOPLASM, analysis/ *ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, NEOPLASM, analysis/ *BLOOD PRESERVATION/ CHROMIUM RADIOISOTOPES/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FREEZING/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, immunology/ *LEUKEMIA, MYELOCYTIC, immunology/ *LYMPHOCYTES, immunology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2304. **Duriez T, Walbaum S, Tailiez R, et al:** Etude enzymologique comparee de souches de Aspergillius fumigatus et de A. fischeri d'origine saprophytique ou isolees de lesions humaines ou animales. repercussions pratiques d'ordre diagnostique Mycopathologia 59(2):81–90, 24 Sep 76 (Eng. Abstr.) **(Fre)**
ALKALINE PHOSPHATASE, metabolism/ ANIMAL/ ASPERGILLOSIS, enzymology/ *ASPERGILLUS FUMIGATUS, enzymology/ *ASPERGILLUS, enzymology/ CARBOXYLIC ESTER HYDROLASES, metabolism/ CATALASE, metabolism/ CHYMOTRYPSIN, metabolism/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ GLUCOSIDASES, metabolism/ HUMAN/ *HYDROLASES, metabolism/ IMMUNOELECTROPHORESIS/ LEUCINE AMINOPEPTIDASE, metabolism/ MALATE DEHYDROGENASE, metabolism/ *OXIDOREDUCTASES, metabolism/ PEPTIDE HYDROLASES, metabolism/ PRECIPITIN TESTS/ SPECIES SPECIFICITY

2305. **Durliat M, Vranckx R:** Analyse des protéines hémocytaires d'Astacus leptodactylus C R Acad Sci [D] (Paris) 282(24):2215–8, 28 Jun 76 (Eng. Abstr.) **(Fre)**
ANIMAL/ *BLOOD PROTEINS, analysis/ *CRAYFISH/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HEMOCYANIN, analysis

2306. **Durliat M, Vranckx R:** Coagulation in the crayfish, Astacus leptodactylus: attempts to identify a fibrinogen-like factor in the hemolymph. Biol Bull 151(3):467–77, Dec 76
ANIMAL/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ BLOOD PROTEINS, immunology/ BLOOD PROTEINS, physiology/ CALCIUM, pharmacodynamics/ CITRATES, pharmacodynamics/ *CRAYFISH, physiology/ FEMALE/ GEL DIFFUSION TESTS/ HEMOLYMPH, analysis/ *HEMOLYMPH, physiology/ MALE/ PLASMA, analysis/ PLASMA, physiology

2307. **Duro F, Condorelli P, Pappalardo G:** Sintesi di 2,3-diazafenotiazine. Nota XI - 2- e 3-arilderivati del 10-metil-2,3-diidropiridazino [4,5-b] [1,4] benzotiazin-1,4(10H)-dione Farmaco [Sci] 32(3):173–9, Mar 77 (Eng. Abstr.) **(Ita)**
CYCLIZATION/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, chemical synthesis/ ISOMERISM/ METHYLATION/ *PHENOTHIAZINES, chemical synthesis/ *PYRIDAZINES, chemical synthesis/ *THIAZINES, chemical synthesis

2308. **Dürr HK, Bode JC:** Klinik und Therapie der akuten Pankreatitis Leber Magen Darm 6(5):282–93, Oct 76 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ALCOHOLISM, complications/ CHOLELITHIASIS, complications/ DRAINAGE/ ENGLISH ABSTRACT/ ENZYME INHIBITORS, therapeutic use/ FASTING/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ HYPOTHERMIA/ PAIN, drug therapy/ *PANCREATITIS/ PARASYMPATHOLYTICS, therapeutic use/ PERITONEAL DIALYSIS/ PROGNOSIS/ SHOCK, etiology/ SYMPATHECTOMY/ THORACIC DUCT

2309. **Dutkiewicz J:** Studies on endotoxin of Erwinia herbicola and their biological activity.
Zentralbl Bakteriol [Orig A] 236(4):487–508, Dec 76
AIR MICROBIOLOGY/ ANIMAL/ CHICK EMBRYO/ DUST/ *ENDOTOXINS, analysis/ ENDOTOXINS, toxicity/ ENTEROBACTERIACEAE, pathogenicity/ *ERWINIA, pathogenicity/ FEMALE/ GRAIN/ HEXOSAMINES, analysis/ LETHAL DOSE 50/ LIPOPOLYSACCHARIDES, analysis/ MALE/ MICE/ MONOSACCHARIDES, analysis/ POLYSACCHARIDES, BACTERIAL, analysis/ RABBITS/ SHWARTZMAN PHENOMENON, chemically induced/ SKIN TESTS

2310. **Duzhiĭ ID, Ivanov VP, Kukushka ZG:** K voprosu primeneniia geparina pri tuberkuleze legkikh i nespetsificheskikh zabolevaniiakh. Vrach Delo (7):62–4, Jul 77 **(Rus)**
ASTHMA, complications/ *ASTHMA, drug therapy/ CASE REPORT/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ TUBERCULOSIS, PULMONARY, complications/ *TUBERCULOSIS, PULMONARY, drug therapy

2311. **Dvilansky A, Rishpon S, Nathan I, et al:** Release of platelet 5-hydroxytryptamine by plasma taken from patients during and between migraine attacks. Pain 2(3):315–8, Sep 76
*BLOOD PLATELETS, metabolism/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ *MIGRAINE, blood/ *SEROTONIN, blood

2312. **Dvorak HF, Mihm MC Jr, Dvorak AM:** Morphology of delayed-type hypersensitivity reactions in man.
J Invest Dermatol 67(3):391–401, Sep 76
ANAPHYLAXIS, physiopathology/ BASOPHILS, immunology/ BASOPHILS, pathology/ BLOOD COAGULATION/ CYTOPLASMIC GRANULES, pathology/ EDEMA, pathology/ FEMALE/ FIBRIN, physiology/ HUMAN/ HYPERSENSITIVITY, DELAYED, immunology/ *HYPERSENSITIVITY, DELAYED, pathology/ MALE/ MAST CELLS, pathology/ MITOSIS/ MODELS, BIOLOGICAL/ SKIN, blood supply/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2313. **Dvorak HF, Hammond ME, Colvin RB, et al:** Systemic expression of cutaneous basophil hypersensitivity.
J Immunol 118(5):1549–57, May 77
ANIMAL/ ANTIGENIC DETERMINANTS/ ANTIGENS, administration & dosage/ *BASOPHILS, immunology/ DERMATITIS, CONTACT, immunology/ DERMATITIS, CONTACT, pathology/ EOSINOPHILIA, immunology/ EOSINOPHILIA, pathology/ ERYTHROCYTES, immunology/ FEMALE/ FIBRIN, immunology/ FIBRINOGEN, immunology/ GUINEA PIGS/ *HYPERSENSITIVITY, DELAYED, immunology/ HYPERSENSITIVITY, DELAYED, pathology/ IMMUNITY, CELLULAR/ LYMPHOKINES, pharmacodynamics/ MALE/ MITOGENS, pharmacodynamics/ PASSIVE TRANSFER/ *SKIN, immunology/ SKIN, pathology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2314. **Dvorak HF, Orenstein NS, Dvorak AM, et al:** Isolation of the cytoplasmic granules of guinea pig basophilic leukocytes: identification of esterase and protease activities. J Immunol 119(1):38–46, Jul 77
ANIMAL/ *BASOPHILS/ BASOPHILS, analysis/ CELL EXTRACTS, isolation & purification/ CELL FRACTIONATION/ *CYTOPLASMIC GRANULES/ CYTOPLASMIC GRANULES, analysis/ CYTOPLASMIC GRANULES, enzymology/ CYTOPLASMIC GRANULES, ultrastructure/ *ESTERASES, metabolism/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ *PEPTIDE HYDROLASES, metabolism/ SOLUBILITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2315. **Dvořák K, Novotný A, Bártová D:** Kardiotonická příprava žen před gynekologickými vaginálními operacemi Cesk Gynekol 41(5):347–8, Jul 76 **(Cze)**
AGED/ FEMALE/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PREOPERATIVE CARE/ *STROPHANTHINS, therapeutic use/ THROMBOEMBOLISM, prevention & control/ *URINARY INCONTINENCE, surgery/ *UTERINE PROLAPSE, surgery

2316. **Dvořák K:** Poznámky použití fibrinolytik u čerstvého srdečního infarktu Vnitr Lek 23(3):233–39, Mar 77 (Eng.

Abstr.) (Cze)
ADULT/ CASE REPORT/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, diagnosis/ *MYOCARDIAL INFARCT, drug therapy/ *STREPTOKINASE, therapeutic use

2317. **Dybizbański M, Kot P, Jedynak J, et al:** Zator tętnicy płucnej jako powikłanie połogu Wiad Lek 29(21):1945–7, 1 Nov 76 (Eng. Abstr.) (Pol)
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEART DEFECTS, CONGENITAL, complications/ HUMAN/ PREGNANCY/ *PUERPERAL DISORDERS/ PULMONARY ARTERY/ *PULMONARY EMBOLISM, complications

2318. **Dyckes DF, Sheppard RC:** Partial synthesis of proteins—experiments using pancreatic trypsin inhibitor. pp. 515–21.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
METHODS/ MOLECULAR MODELS/ MONOGRAPH/ OLIGOPEPTIDES, chemical synthesis/ OLIGOPEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ *TRYPSIN INHIBITOR, KAZAL PANCREATIC, chemical synthesis/ *TRYPSIN INHIBITORS, chemical synthesis

2319. **Dyckes DF, Kini H, Sheppard RC:** Studies on the partial synthesis of protein analogs by direct coupling to terminal homoserine lactone derivatives. Experiments with basic pancreatic trypsin inhibitor. Int J Pept Protein Res 9(5):340–8, 1977
CYANOGEN BROMIDE/ *HOMOSERINE, analogs & derivatives/ *LACTONES/ *PROTEINS, chemical synthesis/ TRYPSIN INHIBITORS

2320. **Dyerberg J, Jensen MK, Stoffersen E:** Afibrinogenaemi og Bernard-Soulier's syndrom. Ugeskr Laeger 139(29):1715–9, 18 Jul 77 (Eng. Abstr.) (Dan)
*AFIBRINOGENEMIA, blood/ *ANEMIA, HEMOLYTIC, blood/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMOGLOBINURIA, blood/ HUMAN/ MALE/ SYNDROME/ THROMBOPENIA, blood

2321. **Dyken ML, Conneally M, Haerer AF, et al:** Cooperative study of hospital frequency and character of transient ischemic attacks. I. Background, organization, and clinical survey. JAMA 237(9):882–6, 28 Feb 77
AGE FACTORS/ ANTICOAGULANTS, therapeutic use/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, occurrence/ CEREBRAL ISCHEMIA, TRANSIENT, therapy/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INDIANA/ MALE/ MIDDLE AGE/ REGISTRIES/ SEX FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES

2322. **Dyson DA, Reed JB:** Haemorrhagic syndrome of cattle of suspected mycotoxic origin. Vet Rec 100(19):400–2, 7 May 77
ANIMAL FEED/ ANIMAL/ ANTIGENS, FUNGAL/ BARLEY/ *CATTLE DISEASES, etiology/ CATTLE DISEASES, pathology/ CATTLE/ FEMALE/ HEMORRHAGE, etiology/ HEMORRHAGE, pathology/ *HEMORRHAGE, veterinary/ KIDNEY, pathology/ LEUKOPENIA, veterinary/ LIVER, pathology/ MUCORALES, immunology/ *MYCOTOXINS, toxicity/ SKIN TESTS/ THROMBOPENIA, veterinary

2323. **Dziak VN, Alekseenko ZK, Mitrokhina LA, et al:** Osobennosti narusheniia krovoobrashcheniia pri revmatizme i revmaticheskikh porokakh serdtsa Kardiologiia 16(12):98–103, Dec 76 (Eng. Abstr.) (Rus)
CONJUNCTIVA, blood supply/ ENGLISH ABSTRACT/ *HEART, physiopathology/ HEMODYNAMICS/ HUMAN/ MICROCIRCULATION/ MITRAL VALVE STENOSIS, complications/ MYOCARDIAL CONTRACTION/ RHEUMATIC HEART DISEASE, complications/ RHEUMATIC HEART DISEASE, diagnosis/ *RHEUMATIC HEART DISEASE, physiopathology/ THROMBOEMBOLISM, complications

2324. **Dziwisz M, Dziki A:** Ostre zakrzepy tętnic obwodowych Pol Przegl Chir 48(12):1533–7, Dec 76 (Eng. Abstr.) (Pol)
ACUTE DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ *THROMBOSIS, surgery

E

2325. **Eakins KE, Kulkarni PS:** Selective inhibitory actions of sodium-p-benzyl-4-[1-oxo-2-(4-chlorobenzyl)-3-phenyl propyl] phenyl phosphonate (N-0161) and indomethacin on the biosynthesis of prostaglandins and thromboxanes from arachidonic acid. Br J Pharmacol 60(1):135–40, May 77
ANIMAL/ *ARACHIDONIC ACIDS, metabolism/ ARTERIES, drug effects/ BIOLOGICAL ASSAY/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ DEPRESSION, CHEMICAL/ DOGS/ FEMALE/ HUMAN/ *HYDROXY ACIDS, biosynthesis/ IN VITRO/ *INDOMETHACIN, pharmacodynamics/ KIDNEY MEDULLA, metabolism/ KIDNEY MEDULLA, ultrastructure/ MALE/ MICROSOMES, drug effects/ MICROSOMES, metabolism/ MUSCLE CONTRACTION, drug effects/ MUSCLE, SMOOTH, drug effects/ *ORGANOPHOSPHORUS COMPOUNDS, pharmacodynamics/ PEROXIDES, biosynthesis/ *PROSTAGLANDIN ANTAGONISTS, pharmacodynamics/ PROSTAGLANDINS E, biosynthesis/ *PROSTAGLANDINS, biosynthesis/ *PYRANS, biosynthesis/ RABBITS/ SEMINAL VESICLES, metabolism/ SEMINAL VESICLES, ultrastructure/ SHEEP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2326. **Eaton DL, Poisner AM:** Plasma pseudorenin in rats after alteration in the renin-angiotensin system.
Proc Soc Exp Biol Med 154(1):6–8, Jan 77
ANGIOTENSINOGEN/ ANIMAL/ KININASE II, antagonists & inhibitors/ MALE/ *NEPHRECTOMY/ *OLIGOPEPTIDES, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, blood/ *PROPRANOLOL, pharmacodynamics/ RATS/ *RENIN, blood/ *SQ 20881, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2327. **Eberhardinger R:** Thrombose und Embolie in Gynäkologie und Geburtshilfe Ein Beitrag zu Prophylaxe und Therapie Fortschr Med 94(18):1061–4, 1067–76, 17 Jun 76 (Eng. Abstr.) (Ger)
ANTICOAGULANTS, therapeutic use/ CATHETERIZATION/ CESAREAN SECTION, adverse effects/ CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ ELECTROLYTES, therapeutic use/ *EMBOLISM, etiology/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ IMMOBILIZATION/ *POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ PULMONARY EMBOLISM, etiology/ STREPTOKINASE, therapeutic use/ STROPHANTHINS, therapeutic use/ THROMBOEMBOLISM, prevention & control/ *THROMBOSIS, etiology

2328. **Ebert H, Hegewald G:** Die hämorrhagische Erosion als Ursache gastrointestinaler Blutungen
Z Gesamte Inn Med 31(23):976–8, 1 Dec 76 (Eng. Abstr.) (Ger)
ADULT/ BRAIN DISEASES, complications/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HEART FAILURE, CONGESTIVE, complications/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGIC DIATHESIS, complications/ HEPATITIS, complications/ HUMAN/ *INTESTINAL MUCOSA, injuries/ KIDNEY, CYSTIC, complications/ LEUKEMIA, complications/ LIVER CIRRHOSIS, complications/ MALE/ UREMIA, complications

2329. **Eckel RH, Crowell EB, Waterhouse BE, et al:** Platelet-latelet- Arch Intern Med 137(6):735–7, Jun 77

ADULT/ *ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ *BLOOD PLATELETS, drug effects/ CASE REPORT/ DEPRESSION, CHEMICAL/ *DIPYRIDAMOLE, pharmacodynamics/ DIPYRIDAMOLE, therapeutic use/ FEMALE/ HUMAN/ METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ PREDNISONE, therapeutic use/ *PURPURA, THROMBOTIC THROMBOPENIC, blood/ PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ REMISSION/ *SULFINPYRAZONE, pharmacodynamics/ SULFINPYRAZONE, therapeutic use

2330. **Eckelman WC, Levenson SM:** Radiopharmaceuticals labelled with technetium. Int J Appl Radiat Isot 28(1-2):67-82, Jan-Feb 77 (134 ref.)
BONE DISEASES, diagnosis/ COLLOIDS/ DIPHOSPHONATES, diagnostic use/ DTPA, diagnostic use/ EDTA, diagnostic use/ ERYTHROCYTES/ FIBRINOGEN, diagnostic use/ ISOTOPE LABELING, methods/ KIDNEY DISEASES, diagnosis/ LIDOCAINE, analogs & derivatives/ LIVER DISEASES, diagnosis/ LUNG DISEASES, diagnosis/ MANNITOL, diagnostic use/ MICROSPHERES/ PENICILLAMINE, diagnostic use/ PYROPHOSPHATES, diagnostic use/ RADIONUCLIDE IMAGING/ REVIEW/ SERUM ALBUMIN, diagnostic use/ STREPTOKINASE, diagnostic use/ SUGAR ACIDS, diagnostic use/ SULFUR/ *TECHNETIUM/ TECHNETIUM, diagnostic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UROKINASE, diagnostic use

2331. **Eckert H:** Lungenveränderungen bei experimenteller Fütterungsatheromatose Z Erkr Atmungsorgane 145(2):202-7, May 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ *ARTERIOSCLEROSIS, chemically induced/ *ATHEROSCLEROSIS, chemically induced/ ATHEROSCLEROSIS, pathology/ *CHOLESTEROL, adverse effects/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ *HELIANTHUS/ *OILS, adverse effects/ PULMONARY ARTERY, pathology/ RABBITS

2332. **Eckert P:** Experimentelle Untersuchungen zur Pathophysiologie der Flüssigkeitslunge Langenbecks Arch Chir 340(4):249-52, 23 Apr 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ CARDIAC OUTPUT/ CONTUSIONS/ COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MICROSCOPY, ELECTRON/ PULMONARY EDEMA, etiology/ PULMONARY EDEMA, prevention & control/ *PULMONARY EDEMA, physiopathology/ RATS/ THORACIC INJURIES, complications

2333. **Economopoulos TC, Papayannis AG, Stathakis NE, et al:** Postoperative platelet function in patients on small subcutaneous doses of heparin. Acta Haematol (Basel) 57(5):266-71, 1977
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADOLESCENCE/ AGED/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ COLLAGEN, pharmacodynamics/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ *POSTOPERATIVE COMPLICATIONS, prevention & control

2334. **Eddy EM, Shapiro BM:** Changes in the topography of the sea urchin egg after fertilization. J Cell Biol 71(1):35-48, Oct 76
ANIMAL/ CELL MEMBRANE, ultrastructure/ COLCHICINE, pharmacodynamics/ CYTOCHALASIN B, pharmacodynamics/ DITHIOTHREITOL, pharmacodynamics/ EXOCYTOSIS/ *FERTILIZATION/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ OVUM, drug effects/ OVUM, ultrastructure/ SEA URCHINS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *ZYGOTE, ultrastructure

2335. **Edelberg SB, Cohn J, Brandt NJ:** Congenital hypomegakaryocytic thrombocytopenia associated with bilateral absence of the radius - the TAR syndrome. Hum Hered 27(2):147-52, 1977
ABNORMALITIES, MULTIPLE/ CASE REPORT/ CHILD/ DERMATOGLYPHICS/ FEMALE/ HUMAN/ MALE/ *RADIUS, abnormalities/ SYNDROME/ THROMBOPENIA, congenital/ *THROMBOPENIA, familial & genetic

2336. **Edelson PJ, Cohn ZA:** 5'-Nucleotidase activity of mouse peritoneal macrophages. I. Synthesis and degradation in resident and inflammatory populations. J Exp Med 144(6):1581-95, 1 Dec 76
ANIMAL/ BLOOD/ CELLS, CULTURED/ CULTURE MEDIA/ ENDOTOXINS, pharmacodynamics/ FEMALE/ INFLAMMATION, enzymology/ *MACROPHAGES, enzymology/ MALE/ MICE/ NUCLEOTIDASES, biosynthesis/ *NUCLEOTIDASES, metabolism/ PEPTIDE HYDROLASES, metabolism/ PINOCYTOSIS/ THIOGLYCOLATES, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2337. **Edgar W, McKillop C, Howie PW, et al:** Composition of soluble fibrin complexes in pre-eclampsia. Thromb Res 10(4):567-74, Apr 77
FEMALE/ *FIBRIN, analysis/ FIBRINOGEN, analysis/ HUMAN/ *PRE-ECLAMPSIA, metabolism/ *PREGNANCY TOXEMIAS, metabolism/ PREGNANCY/ PROTEIN CONFORMATION/ SOLUBILITY

2338. **Edgington TS, Plow EF:** Effector mechanisms and products of the physiological fibrinolytic systems. Prog Clin Biol Res 5:85-120, 1976 (156 ref.)
ALPHA MACROGLOBULINS, physiology/ ANTIGENS/ FACTOR XII, antagonists & inhibitors/ FACTOR XII, metabolism/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRIN, immunology/ FIBRIN, metabolism/ FIBRINOGEN, analysis/ FIBRINOGEN, immunology/ FIBRINOGEN, metabolism/ FIBRINOLYSIN/ *FIBRINOLYSIS/ HUMAN/ MODELS, BIOLOGICAL/ PLASMINOGEN, analysis/ PLASMINOGEN, metabolism/ REVIEW

2339. **Edlis HE, Goudsmit A, Brindley C, et al:** Trial of heparin and cyclophosphamide (NSC-26271) in the treatment of lung cancer. Cancer Treat Rep 60(5):575-8, May 76
ADULT/ AGED/ CYCLOPHOSPHAMIDE, adverse effects/ *CYCLOPHOSPHAMIDE, therapeutic use/ DRUG THERAPY, COMBINATION/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ *LUNG NEOPLASMS, drug therapy/ MALE/ MIDDLE AGE/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2340. **Edwards BF, Allen WR, Barrett D:** Purification and partial characterization of hatching protease of the sea urchin, Strongylocentrotus purpuratus. Arch Biochem Biophys 182(2):696-74, Aug 77
ANIMAL/ CALCIUM, pharmacodynamics/ CALORIMETRY/ DRUG STABILITY/ EDTA, pharmacodynamics/ *EMBRYO, NON-MAMMALIAN, enzymology/ FEMALE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MAGNESIUM, pharmacodynamics/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SEA URCHINS/ SODIUM CHLORIDE, pharmacodynamics/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREA, pharmacodynamics

2341. **Edwards EA:** Use of serum stored on filter paper disks in complement fixation tests for adenovirus antibody. J Clin Microbiol 5(2):253-4, Feb 77
*ADENOVIRUSES, immunology/ *ANTIBODIES, VIRAL, analysis/ *BLOOD PRESERVATION, methods/ *COMPLEMENT FIXATION TESTS/ EVALUATION STUDIES/ HUMAN/ *IMMUNE SERUMS

2342. **Edwards KD, Herz R, Sealey JE, et al:** Lowering of blood pressure, plasma renin substrate, cholesterol and triglyceride by portacaval anastomosis in rats fed on a 60% sucrose/5% lard diet. Clin Sci Mol Med 51 Suppl 3:145s–146s, Dec 76
ANIMAL/ *BLOOD PRESSURE/ *CHOLESTEROL, blood/ DIET, ATHEROGENIC/ DIETARY FATS/ FEMALE/ HYPERTENSION, metabolism/ MALE/ *PORTACAVAL ANASTOMOSIS/ RATS/ RENIN, blood/ SUCROSE/ *TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2343. **Edwards KR:** Hemorrhagic complications of cerebral arteritis. Arch Neurol 34(9):549–52, Sep 77
ADULT/ CASE REPORT/ *CEREBRAL ARTERY DISEASES, complications/ *CEREBRAL HEMORRHAGE, etiology/ COLITIS, ULCERATIVE, complications/ DRUG ABUSE/ FEMALE/ HEMATOMA, etiology/ HUMAN/ INFLAMMATION, complications/ MALE/ METHAMPHETAMINE/ *SUBARACHNOID HEMORRHAGE, etiology

2344. **Edwards RB:** Culture of rat retinal pigment epithelium. In Vitro 13(5):301–4, May 77
*CELLS, CULTURED/ CYTOLOGICAL TECHNICS/ CYTOPLASMIC GRANULES/ MITOSIS/ *PIGMENT EPITHELIUM OF EYE, cytology/ RATS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2345. **Edwards WS, Lewis CE Jr:** Evaluation of methods of preventing venous stasis during surgery. pp. 155–63. In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976.
ANESTHESIA/ AORTA, ABDOMINAL/ BANDAGES/ CLOTHING/ HEMOSTASIS, SURGICAL/ HUMAN/ *LEG, blood supply/ MONOGRAPH/ PHLEBOGRAPHY/ POSTURE/ PRESSURE/ *SURGERY, OPERATIVE, adverse effects/ *THROMBOPHLEBITIS, prevention & control

2346. **Edwards WS:** Aortic valve replacement with a subcoronary ball valve--early experiments. Med Instrum 11(2):77–9, Mar–Apr 77
ALABAMA/ ANIMAL/ *AORTIC VALVE, surgery/ DOGS/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, history/ *HEART VALVE PROSTHESIS, instrumentation/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ THROMBOSIS, etiology

2347. **Eeckhout Y, Vaes G:** Further studies on the activation of procollagenase, the latent precursor of bone collagenase. Effects of lysosomal cathepsin B, plasmin and kallikrein, and spontaneous activation. Biochem J 166(1):21–31, 15 Jul 77
ANIMAL/ BONE AND BONES, enzymology/ CATHEPSIN, pharmacodynamics/ *CLOSTRIDIOPEPTIDASE A, metabolism/ CULTURE MEDIA/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, metabolism/ FIBRINOLYSIN, pharmacodynamics/ KALLIKREIN, pharmacodynamics/ LYSOSOMES, enzymology/ MICE/ THIOCYANATES, pharmacodynamics/ TISSUE CULTURE

2348. **Eernisse JG, Brand A, Repelaer van Driel OJ, et al:** Prevention of bleeding tendency after open-heart surgery for Tetralogy of Fallot.
Scand J Thorac Cardiovasc Surg 11(2):105–9, 1977
ADOLESCENCE/ ADULT/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ BLOOD VOLUME/ CHILD/ CHILD, PRESCHOOL/ EXTRACORPOREAL CIRCULATION/ *HEMORRHAGE, prevention & control/ HUMAN/ MIDDLE AGE/ PLASMA SUBSTITUTES/ POSTOPERATIVE COMPLICATIONS, mortality/ POSTOPERATIVE COMPLICATIONS, prevention & control/ TEMPERATURE/ *TETRALOGY OF FALLOT, surgery

2349. **Effiong CE, Usanga EA, Mellits ED:** Platelet count in healthy full-term Nigerian neonates. Trop Geogr Med 28(4):329–32, Dec 76
*BLOOD CELL COUNT/ *BLOOD PLATELETS/ FEMALE/ HUMAN/ *INFANT, NEWBORN/ MALE/ NIGERIA

2350. **Effros RM, Chang RS, Silverman P:** Effect of osmolality on red blood cell viscosity and transit through the lung. J Appl Physiol 42(6):941–5, Jun 77
ANIMAL/ BIOMETRY/ BLOOD PRESSURE/ *BLOOD VISCOSITY/ *ERYTHROCYTES/ METHODS/ *OSMOLAR CONCENTRATION/ PERFUSION/ PULMONARY ARTERY/ *PULMONARY CIRCULATION/ RABBITS/ *SERUM ALBUMIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2351. **Efimova LG, Mukharliamov NM:** Pervichnaia legochnaia gipertoniia i trudnosti klinicheskoi diagnostiki Kardiologiia 16(10):50–6, Oct 76 (Eng. Abstr.) **(Rus)**
ADULT/ CASE REPORT/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEART DEFECTS, CONGENITAL, diagnosis/ HEART FUNCTION TESTS/ HUMAN/ *HYPERTENSION, PULMONARY, diagnosis/ MALE/ MIDDLE AGE/ RECURRENCE/ REMISSION/ SCLERODERMA, SYSTEMIC, diagnosis/ THROMBOPHLEBITIS, diagnosis

2352. **Efstathiou JD, McKay LL:** Plasmids in Streptococcus lactis: evidence that lactose metabolism and proteinase activity are plasmid linked. Appl Environ Microbiol 32(1):38–44, Jul 76
DNA, BACTERIAL, analysis/ DNA, CIRCULAR, analysis/ *EXTRACHROMOSOMAL INHERITANCE/ *LACTOSE, metabolism/ MOLECULAR WEIGHT/ MUTATION/ *PEPTIDE HYDROLASES, metabolism/ *PLASMIDS/ STREPTOCOCCUS LACTIS, analysis/ STREPTOCOCCUS LACTIS, enzymology/ *STREPTOCOCCUS LACTIS, metabolism/ TEMPERATURE

2353. **Egberg N, Blombäck M:** On the characterization of acquired inhibitors to ristocetin induced platelet aggregation found in patients with von Willebrand's disease. Thromb Res 9(5):527–31, Nov 76
ADOLESCENCE/ ADULT/ ANTIGEN-ANTIBODY COMPLEX/ BLOOD TRANSFUSION/ CHILD/ FACTOR VIII, administration & dosage/ FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, analysis/ FEMALE/ HUMAN/ IGG, analysis/ MALE/ *PLATELET AGGREGATION, drug effects/ *RISTOCETIN, antagonists & inhibitors/ RISTOCETIN, pharmacodynamics/ *VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, drug therapy

2354. **Egbert PR, Chan CC, Winter FC:** Flat preparations of the retinal vessels in Coats' disease. J Pediatr Ophthalmol 13(6):336–9, Nov–Dec 76
ANEURYSM, pathology/ CHILD/ CHILD, PRESCHOOL/ HISTOLOGICAL TECHNICS/ HUMAN/ INFANT/ MICROCIRCULATION, pathology/ RETINAL HEMORRHAGE, pathology/ *RETINAL VESSELS, pathology/ *RETINITIS, pathology/ SYNDROME/ TELANGIECTASIS, pathology/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2355. **Egbring R, Andrassy K, Havemann K, et al:** Erfahrungen bei der Langzeitbehandlung des angeborenen Faktor XIII-mangels mit Faktor XIII-Konzentrat Blut 33(6):367–76, Dec 76 (Eng. Abstr.) **(Ger)**
ANTIBODIES, analysis/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ *FACTOR XIII DEFICIENCY, drug therapy/ FACTOR XIII DEFICIENCY, congenital/ FACTOR XIII DEFICIENCY, diagnosis/ FACTOR XIII, administration & dosage/ *FACTOR XIII, therapeutic use/ FACTOR XIII, antagonists & inhibitors/ HUMAN/ MALE/ TIME FACTORS

2356. **Egbring R, Schmidt W, Fuchs G, et al:** Demonstration of granulocytic proteases in plasma of patients with acute leukemia and septicemia with coagulation defects. Blood 49(2):219–31, Feb 77
ALPHA 1-ANTITRYPSIN, analysis/ *BLOOD COAGULATION DISORDERS, enzymology/ CHYMOTRYPSIN/ ELECTROPHORESIS, AGAR GEL/ FACTOR XIII, analysis/ FIBRIN

FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *GRANULOCYTES, enzymology/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ *LEUKEMIA, MYELOCYTIC, enzymology/ *LEUKOCYTES, enzymology/ PANCREATOPEPTIDASE/ *PEPTIDE HYDROLASES, blood/ *SEPTICEMIA, enzymology

2357. **Egbring R, Schmidt W, Havemann K:** Direkte Proteolyse von Gerinnungsfaktoren durch Granulozytenenzyme als möglicher Mechanismus von Gerinnungsstörungen bei akuter Leukämie und Septikämie.
Verh Dtsch Ges Inn Med 82 Pt 2:1629–32, 1976 **(Ger)**
ACUTE DISEASE/ BLOOD COAGULATION DISORDERS, enzymology/ *BLOOD COAGULATION DISORDERS, etiology/ CHYMOTRYPSIN, blood/ *GRANULOCYTES, enzymology/ HUMAN/ *LEUKEMIA, complications/ LEUKEMIA, enzymology/ *LEUKOCYTES, enzymology/ PANCREATOPEPTIDASE, blood/ *PEPTIDE HYDROLASES, blood/ SEPTICEMIA, blood/ *SEPTICEMIA, complications

2358. **Egeblad H, Dligacz K:** Diagnosticering af thrombophlebitis i underekstremitetens dybe vener ved hjaelp af Doppler-ultralydapparatur Ugeskr Laeger 138(43):2652–6, 18 Oct 76 (Eng. Abstr.) **(Dan)**
ADULT/ AGED/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, diagnosis/ *ULTRASONICS, diagnostic use/ ULTRASONICS, instrumentation

2359. **Eggen DA:** Cholesterol metabolism in groups of rhesus monkeys with high or low response of serum cholesterol to an atherogenic diet. J Lipid Res 17(6):663–73, Nov 76
ANIMAL/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ COMPARATIVE STUDY/ DIET/ *DIET, ATHEROGENIC/ KINETICS/ MALE/ MODELS, BIOLOGICAL/ MONKEYS/ RHESUS MONKEYS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2360. **Eggenberger K:** La syphilis congénitale précoce Praxis 65(18):532–7, 4 May 76 (Eng. Abstr.) **(Fre)**
ANEMIA, etiology/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ NEUROLOGIC MANIFESTATIONS/ PENICILLINS, therapeutic use/ PNEUMONIA, INTERSTITIAL PLASMA CELL, etiology/ SKIN MANIFESTATIONS/ *SYPHILIS, CONGENITAL/ SYPHILIS, CONGENITAL, diagnosis/ SYPHILIS, CONGENITAL, drug therapy

2361. **Egger H, Fleischmann H:** Der isolierte Ovarialabszess. Zur Klinik, Bakteriologie und Pathogenese.
Geburtshilfe Frauenheilkd 37(7):625–38, Jul 77 (Eng. Abstr.) **(Ger)**
*ABSCESS/ ABSCESS, complications/ ABSCESS, etiology/ ABSCESS, microbiology/ ADNEXAL DISEASES, complications/ ADOLESCENCE/ ADULT/ AGED/ CHILD/ ENDOMETRIOSIS, complications/ ENGLISH ABSTRACT/ FALLOPIAN TUBE NEOPLASMS, complications/ FALLOPIAN TUBES/ FEMALE/ HEMATOMA, complications/ HUMAN/ MIDDLE AGE/ *OVARIAN DISEASES/ OVARIAN DISEASES, etiology/ OVARIAN DISEASES, microbiology/ OVARIAN NEOPLASMS, complications

2362. **Eggermont E, Logghe N, Van De Casseye W, et al:** Haemorrhagic disease of the newborn in the offspring of rifampicin and isoniazid treated mothers.
Acta Paediatr Belg 29(2):87–90, Apr–Jun 76
FEMALE/ *HEMORRHAGIC DISEASE OF NEWBORN, chemically induced/ HUMAN/ INFANT, NEWBORN/ *ISONIAZID, adverse effects/ ISONIAZID, therapeutic use/ MALE/ *PREGNANCY COMPLICATIONS, drug therapy/ PREGNANCY/ *RIFAMPIN, adverse effects/ RIFAMPIN, therapeutic use/ *VITAMIN K DEFICIENCY, chemically induced

2363. **Egilsson V:** Cancer and vitamin K [letter] Lancet 2(8031):254–5, 30 Jul 77
ANIMAL/ BISHYDROXYCOUMARIN, pharmacodynamics/ *CARCINOGENS, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ IN VITRO/ MICE/ *MITOCHONDRIA, metabolism/ NEOPLASMS, EXPERIMENTAL, metabolism/ NEUROBLASTOMA, metabolism/ QUINIDINE, pharmacodynamics/ VITAMIN K, antagonists & inhibitors/ *VITAMIN K, metabolism

2364. **Egli A, Gruber UF:** Wert der intermittierenden pneumatischen Kompression der Waden zur Verhütung postoperativer tiefer Venenthrombosen
Schweiz Med Wochenschr 106(38):1268–72, 18 Sep 76 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ HUMAN/ LEG/ METHODS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

2365. **Egorov NS, al-Nuri MA, Krivova AIu:** Optimizatsiia pitatel'noĭ sredy dlia Actinomyces spheroides--produtsenta proteoliticheskikh fermentov s fibrinoliticheskim deĭstviem Mikrobiologiia 45(4):607–13, JUL-AUG 76 (Eng. Abstr.) **(Rus)**
*ACTINOMYCES, enzymology/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS/ *PEPTIDE HYDROLASES, biosynthesis

2366. **Egorov NS, Kochetov GA, Khaĭdarova NV:** Vydelenie i svoĭstva fibrinoliticheskogo fermenta iz kul'tural'noĭ zhidkosti Actinomyces thermovulgaris Mikrobiologiia 45:455–9, May-June 76 (Eng. Abstr.) **(Rus)**
*ACTINOMYCES, enzymology/ ENGLISH ABSTRACT/ FIBRIN, metabolism/ FIBRINOLYSIS/ HYDROGEN-ION CONCENTRATION/ METHODS/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ TEMPERATURE

2367. **Egorova EN, Ispolatovskaia MV, Levdikova GA, et al:** Nekotorye zakonomernosti obrazovaniia proteoliticheskikh fermentov razlichnymi shtammami C1. botulinum tipa F Zh Mikrobiol Epidemiol Immunobiol (4):125–9, Apr 77 (Eng. Abstr.) **(Rus)**
*BOTULINUM TOXIN, biosynthesis/ *CLOSTRIDIUM BOTULINUM, enzymology/ CLOSTRIDIUM BOTULINUM, metabolism/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES, metabolism/ SPECIES SPECIFICITY

2368. **Egorova TP, Rossinskaia EB, Paskhina TS:** Ochistka i svoĭstva vysokomolekuliarnogo kininogena krolika.
Biokhimiia 41(6):1052–60, Jul 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BRADYKININ, isolation & purification/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN, blood/ KALLIKREIN, pharmacodynamics/ KININOGENS, analysis/ KININOGENS, blood/ *KININOGENS, isolation & purification/ KININS, isolation & purification/ MERCAPTOETHANOL, pharmacodynamics/ MOLECULAR WEIGHT/ RABBITS/ SALIVA, enzymology/ TRYPSIN, analysis/ UREA, pharmacodynamics

2369. **Ehlenberger AG, Nussenzweig V:** The role of membrane receptors for C3b and C3d in phagocytosis.
J Exp Med 145(2):357–71, 1 Feb 77
AGGLUTINATION, drug effects/ CELL MEMBRANE, physiology/ *COMPLEMENT 3, physiology/ *COMPLEMENT, physiology/ DEXTRAN, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ *IGG/ IGM/ IMMUNOGLOBULINS, FC/ *MONOCYTES, immunology/ NEURAMINIDASE, metabolism/ *NEUTROPHILS, immunology/ *OPSONINS/ *PHAGOCYTOSIS/ PHAGOCYTOSIS, drug effects/ PROTAMINES, pharmacodynamics/ RECEPTORS, DRUG, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2370. **Ehms H, Miller B, Bremer G, et al:** Thrombocytose bei Morbus Crohn. Verh Dtsch Ges Inn Med 82 Pt 1:927–30, 1976 **(Ger)**
*ENTERITIS, REGIONAL, complications/

HUMAN/ *THROMBOCYTOSIS, etiology

2371. **Ehnholm C, Heaf DJ, Kaijser L, et al:** Heparin-induced release of lipase activity in the human forearm: an immunological study. Atherosclerosis 27(1):35-9, May 77
ADULT/ ARTERIES, enzymology/ *FOREARM, blood supply/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ HUMAN/ IMMUNOENZYME TECHNICS/ *LIPOPROTEIN LIPASE, metabolism/ LIVER, enzymology/ MALE/ TRIGLYCERIDES/ VEINS, enzymology

2372. **Ehnholm C, Bensadoun A, Brown WV:** Characterization of two triacylglycerol lipase activities in pig post-heparin plasma. Biochem J 163(2):347-55, 1 May 77
ADIPOSE TISSUE, enzymology/ ANIMAL/ HEPARIN, pharmacodynamics/ HEPATECTOMY/ *LIPASE, blood/ LIPOPROTEIN LIPASE, blood/ SODIUM CHLORIDE, pharmacodynamics/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2373. **Ehrenfeld M, Penchas S, Mani Y, et al:** [Heparin-induced bleeding into the abdominal wall presenting as an acute abdomen] Harefuah 92(6):259-61, 15 Mar 77 (Eng. Abstr.) **(Heb)**
*ABDOMEN/ *ABDOMEN, ACUTE, diagnosis/ ABDOMINAL WALL/ CASE REPORT/ ENGLISH ABSTRACT/ *HEMORRHAGE, chemically induced/ HEMORRHAGE, diagnosis/ *HEPARIN, adverse effects/ HUMAN

2374. **Ehrenkranz JR:** Effects of sex steroids on serotonin uptake in blood platelets. Acta Endocrinol (Kbh) 83(2):420-8, Oct 76
*BLOOD PLATELETS, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ IMIPRAMINE, pharmacodynamics/ MALE/ *SEROTONIN, blood/ *STANOLONE, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2375. **Ehresmann B, Reinbolt J, Backendorf C, et al:** Studies of the binding sites of Escherichia coli ribosomal protein S7 with 16S RNA by ultraviolet irradiation. FEBS Lett 67(3):316-9, 1 Sep 76
AMINO ACID SEQUENCE/ BINDING SITES/ ESCHERICHIA COLI, metabolism/ *ESCHERICHIA COLI, radiation effects/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ *RIBOSOMAL PROTEINS, metabolism/ RIBOSOMAL PROTEINS, radiation effects/ RIBOSOMES, metabolism/ *RIBOSOMES, radiation effects/ *RNA, RIBOSOMAL, metabolism/ RNA, RIBOSOMAL, radiation effects/ TRYPSIN/ *ULTRAVIOLET RAYS

2376. **Ehresmann U, Alemany J, Loew D:** Prophylaxe von Rezidivverschlüssen nach Revaskularisations-eingriffen mit Acetylsalicylsäure. Ergebnisse einer doppeltblinden Langzeitstudie. Med Welt 28(26):1157-62, 1 Jul 77**(Ger)**
*ARTERIAL OCCLUSIVE DISEASES, surgery/ ARTERIOSCLEROSIS, surgery/ ASPIRIN, adverse effects/ *ASPIRIN, therapeutic use/ DOUBLE-BLIND METHOD/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOSIS, prevention & control

2377. **Ehrhart LA, Holderbaum D:** Stimulation of aortic protein synthesis in experimental rabbit atherosclerosis. Atherosclerosis 27(4):477-85, Aug 77
ANIMAL/ AORTA, metabolism/ AORTA, pathology/ *ARTERIES, metabolism/ *ARTERIOSCLEROSIS, metabolism/ *ATHEROSCLEROSIS, metabolism/ ATHEROSCLEROSIS, pathology/ CHOLESTEROL ESTERS, blood/ CHOLESTEROL ESTERS, metabolism/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ COLLAGEN, biosynthesis/ DIET, ATHEROGENIC/ ELASTIN, biosynthesis/ MALE/ *MUSCLE, SMOOTH, metabolism/ *PROTEINS, biosynthesis/ RABBITS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2378. **Ehrlich EN, Nolten WE, Oparil S, et al:** Mineralocorticoids in normal pregnancy. Perspect Nephrol Hypertens 5:189-201, 1976
ADRENAL CORTEX HORMONES, blood/ ADULT/ *ALDOSTERONE, metabolism/ ALDOSTERONE, urine/ CORTICOSTERONE, urine/ CORTICOTROPIN, pharmacodynamics/ *DESOXYCORTICOSTERONE, metabolism/ DESOXYCORTICOSTERONE, pharmacodynamics/ DESOXYCORTICOSTERONE, urine/ FEMALE/ HEPARINOID, pharmacodynamics/ HUMAN/ HYDROCORTISONE, blood/ HYDROCORTISONE, urine/ MALE/ POSTURE/ POTASSIUM, urine/ PREGNANCY TRIMESTER, THIRD/ *PREGNANCY/ PROGESTERONE, pharmacodynamics/ SODIUM, pharmacodynamics/ SODIUM, urine/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2379. **Ehrlich I, Kricun ME, Gonzalez CF:** EMI scan density of methyl methacrylate. AJR 129(2):351-2, Aug 77
CASE REPORT/ CEREBRAL HEMORRHAGE, diagnosis/ FEMALE/ HEMATOMA, diagnosis/ HUMAN/ *METHYLMETHACRYLATE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, diagnosis/ *RADIONUCLIDE IMAGING/ *TOMOGRAPHY, COMPUTERIZED AXIAL

2380. **Ehrlich RM, Smith RB:** Surgical complications of renal transplantation. Urology 10(1 Suppl):43-56, Jul 77 (97 ref.)
ARTERIOVENOUS FISTULA, etiology/ GRAFT REJECTION/ HUMAN/ *KIDNEY, transplantation/ MALE/ NEPHRECTOMY/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, occurrence/ RENAL ARTERY STENOSIS, etiology/ RENAL ARTERY, radiography/ REVIEW/ RUPTURE, SPONTANEOUS, etiology/ SURGICAL WOUND INFECTION, occurrence/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, etiology/ UROLOGIC DISEASES, etiology

2381. **Ehrly AM, Köhler HJ:** Modifiziertes Dosisschema für die subkutane Anwendung von Arwin bei Patienten mit chronischen arteriellen Durchblutungsstörungen Vasa 5(2):155-62, 1976 (Eng. Abstr.) **(Ger)**
*ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *ARVIN, administration & dosage/ ARVIN, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOGEN/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *PEPTIDE PEPTIDOHYDROLASES, administration & dosage

2382. **Ehrly AM, Blendin R:** Influence of essential phospholipids on the flow properties of the blood. pp. 228-36. In: Peeters H, ed. Phosphatidylcholine. Berlin, Springer, 1976. QU 93 P575 1975.
ARTERIAL OCCLUSIVE DISEASES, diagnosis/ *ARTERIAL OCCLUSIVE DISEASES, physiopathology/ BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ *ERYTHROCYTE AGGREGATION, drug effects/ *FATTY ACIDS, ESSENTIAL, pharmacodynamics/ HEMATOCRIT/ HUMAN/ MONOGRAPH/ *PHOSPHATIDYLCHOLINES, pharmacodynamics/ *REGIONAL BLOOD FLOW, drug effects/ TIME FACTORS

2383. **Ehrnst A, Sundqvist KG:** The mechanisms of appearance of viral glycoproteins at the cell surface membrane. Exp Cell Biol 44(3-6):198-225, 1976
*ANTIGENS, VIRAL/ CELL DIVISION/ CELL LINE/ *CELL MEMBRANE, metabolism/ CYTOCHALASIN B, pharmacodynamics/ DNA VIRUSES, metabolism/ GLYCOPROTEINS, biosynthesis/ *GLYCOPROTEINS, metabolism/ GLYCOSIDES, metabolism/ HEMAGGLUTININS, VIRAL/ MEASLES VIRUS, metabolism/ MICROFILAMENTS, metabolism/ MICROTUBULES, metabolism/ MODELS, BIOLOGICAL/ RNA VIRUSES, metabolism/ TRYPSIN, pharmacodynamics/ VIRAL PROTEINS, biosynthesis/ *VIRAL PROTEINS, metabolism

2384. **Ehrsam A, Van HV, Fière D:** Préparation et cryoconservation de cellules myéloblastiques pour vaccination. Nouv Rev Fr Hematol Blood Cells

18(1):263–4, 1977 **(Fre)**
*BLOOD PRESERVATION, methods/ *BONE MARROW CELLS/ CRYOPROTECTIVE AGENTS/ DIMETHYL SULFOXIDE, pharmacodynamics/ HUMAN/ *VACCINATION

2385. **Ehsanullah RS, Ghose K, Kirby MJ, et al:** Clinical pharmacological studies of tandamine, a potential antidepressive drug. Psychopharmacology 52(1):73–7, 23 Mar 77
ADULT/ *ANTIDEPRESSIVE AGENTS, TRICYCLIC, pharmacodynamics/ APPETITE, drug effects/ AROUSAL, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PRESSURE, drug effects/ CHLORIMIPRAMINE, pharmacodynamics/ DESIPRAMINE, pharmacodynamics/ DOPAMINE, blood/ FEMALE/ HUMAN/ *INDOLES, pharmacodynamics/ MALE/ MIDDLE AGE/ PARASYMPATHETIC NERVOUS SYSTEM, drug effects/ PUPIL, drug effects/ SALIVA, secretion/ SEROTONIN, blood/ TYRAMINE, antagonists & inhibitors

2386. **Eichelbaum M:** Drug metabolism in thyroid disease. Clin Pharmacokinet 1(5):339–50, 1976 (44 ref.)
ADMINISTRATION, ORAL/ AMINOPYRINE, metabolism/ ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, metabolism/ ANTIPYRINE, metabolism/ DIGITALIS GLYCOSIDES, metabolism/ *DRUGS, metabolism/ HORMONES, metabolism/ HUMAN/ KINETICS/ METHIMAZOLE, metabolism/ PROPYLTHIOURACIL, metabolism/ REVIEW/ RIBOFLAVIN, metabolism/ STEROIDS, metabolism/ *THYROID DISEASES, metabolism/ TOLBUTAMIDE, metabolism

2387. **Eichner H, Eichner V, Fiedler F, et al:** Zum Sekretionsverhalten der BAEE-Esterase (Kallikrein) im gesunden menschlichen Parotissekret unter fraktionierter Abnahme bei Ruhe und Reiz
Laryngol Rhinol Otol (Stuttg) 55(3):239–44, Mar 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ ASCORBIC ACID, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KALLIKREIN, analysis/ MALE/ MIDDLE AGE/ PAROTID GLAND, drug effects/ *PAROTID GLAND, enzymology/ PAROTID GLAND, secretion/ PILOCARPINE, pharmacodynamics/ SALIVA, enzymology/ SECRETORY RATE, drug effects/ STIMULATION, CHEMICAL/ TIME FACTORS

2388. **Eickbush TH, Watson DK, Moudrianakis EN:** A chromatin-bound proteolytic activity with unique specificity for histone H2A. Cell 9(4 PT 2):785–92, Dec 76
CATTLE/ *CELL NUCLEUS, enzymology/ *CHROMATIN, metabolism/ *HISTONES, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ OSMOLAR CONCENTRATION/ *PEPTIDE HYDROLASES, metabolism/ SODIUM CHLORIDE, pharmacodynamics/ SULFATES, pharmacodynamics/ TEMPERATURE/ THYMUS GLAND/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREA, pharmacodynamics

2389. **Eiden F, Zimmermann E:** Uber die Reaktion von 4-Hydroxycumarin, 4-Hydroxy-1-thiocumarin und 4-Mercaptocumarin mit Diphenylketen
Arch Pharm (Weinheim) 309(8):619–24, Aug 76 (Eng. Abstr.) **(Ger)**
CHEMISTRY/ *COUMARINS/ ENGLISH ABSTRACT/ ETHYLENES/ HYDROLYSIS/ INDICATORS AND REAGENTS/ PHENYLACETATES/ *SULFHYDRYL COMPOUNDS

2390. **Eiden F, Zimmermann E:** Reaktionen von 7-Diphenylmethylen-bis-benzo-2H-pyrano(4,3-b:3',4'-e)
Arch Pharm (Weinheim) 309(9):731–5, Sep 76 (Eng. Abstr.) **(Ger)**
*BENZOPYRANS/ CHEMISTRY/ COUMARINS/ ENGLISH ABSTRACT/ INDICATORS AND REAGENTS/ NUCLEAR MAGNETIC RESONANCE

2391. **Eigler FW, Jakubowski D, Schneiders H:** Early and late complications following surgical correction of renovascular hypertension. Contrib Nephrol 3:104–11, 1976
ADULT/ ATHEROSCLEROSIS, complications/ BLOOD VESSEL PROSTHESIS/ DIURESIS/ HUMAN/ *HYPERTENSION, RENAL, surgery/ POLYETHYLENE TEREPHTHALATE/ *POSTOPERATIVE COMPLICATIONS/ *RENAL ARTERY OBSTRUCTION, surgery/ *RENAL ARTERY STENOSIS, surgery/ RENAL ARTERY, transplantation/ THROMBOSIS, etiology/ TIME FACTORS/ TRANSPLANTATION, HETEROLOGOUS/ UREMIA, etiology

2392. **Ein SH, Shandling B, Simpson JS, et al:** The morbidity and mortality of splenectomy in childhood. Ann Surg 185(3):307–10, Mar 77
ADOLESCENCE/ ANEMIA, HEMOLYTIC, ACQUIRED, surgery/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ GAUCHER'S DISEASE, surgery/ HUMAN/ HYPERSPLENISM, surgery/ HYPERTENSION, PORTAL, surgery/ INFANT/ MALE/ *POSTOPERATIVE COMPLICATIONS, mortality/ PURPURA, THROMBOPENIC, surgery/ RETROSPECTIVE STUDIES/ SEPTICEMIA, mortality/ SPHEROCYTOSIS, HEREDITARY, surgery/ *SPLENECTOMY, mortality/ SURGICAL WOUND INFECTION, mortality/ THALASSEMIA, surgery

2393. **Einarsson R:** The binding of 1-anilino-8-naphthalenesulfonate, heparin, salicylate and caprylate by human antithrombin III.
Biochim Biophys Acta 446(1):124–33, 28 Sep 76
*ANILINO NAPHTHALENESULFONATES/ *ANTITHROMBINS/ BINDING SITES/ *CAPRYLATES/ *HEPARIN/ KINETICS/ PROTEIN BINDING/ *SALICYLATES/ SPECTROMETRY, FLUORESCENCE/ SPECTROPHOTOMETRY, ULTRAVIOLET

2394. **Einarsson R, Andersson LO:** Binding of heparin to human antithrombin III as studied by measurements of tryptophan fluorescence. Biochim Biophys Acta 490(1):104–11, 25 Jan 77
*ALPHA GLOBULINS, metabolism/ BINDING SITES/ DISULFIDES/ *HEPARIN CO-FACTOR, metabolism/ *HEPARIN, metabolism/ HUMAN/ KINETICS/ SPECTROMETRY, FLUORESCENCE/ TRYPTOPHAN

2395. **Eiseman B, Beart R, Norton L:** Multiple organ failure. Surg Gynecol Obstet 144(3):323–6, Mar 77
ABDOMEN, ACUTE, complications/ ABDOMINAL INJURIES, complications/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, etiology/ BURNS, complications/ FEES AND CHARGES/ *GASTROINTESTINAL DISEASES, complications/ GASTROINTESTINAL DISEASES, etiology/ HOSPITALIZATION/ HUMAN/ INFECTION, complications/ *KIDNEY DISEASES, complications/ KIDNEY DISEASES, etiology/ LIFE SUPPORT SYSTEMS/ *LIVER DISEASES, complications/ LIVER DISEASES, etiology/ *LUNG DISEASES, complications/ LUNG DISEASES, etiology/ *POSTOPERATIVE COMPLICATIONS/ SYNDROME/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2396. **Eisenbach J, Heine H:** Effect of the proteinase inhibitor Trasylol on the mortality and infarct size in dogs with acute myocardial infarction. Pharmacol Res Commun 9(1):79–92, Jan 77
ANIMAL/ CORONARY VESSELS, radiography/ *DISEASE MODELS, ANIMAL/ DOGS/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, pathology/ MYOCARDIUM, pathology

2397. **Eisenberg JM, Goldfarb S:** Clinical usefulness of measuring prothrombin time as a routine admission test.
Clin Chem 22(10):1644–7, Oct 76
ALCOHOLISM, physiopathology/ EVALUATION STUDIES/ HUMAN/ LIVER DISEASES,

physiopathology/ *PROTHROMBIN TIME

2398. **Eisenberg JM:** An educational program to modify laboratory use by house staff. J Med Educ 52(7):578–81, Jul 77
DIAGNOSIS, LABORATORY/ *HOSPITAL MEDICAL STAFF, education/ HUMAN/ INSERVICE TRAINING/ *LABORATORIES, utilization/ PROTHROMBIN TIME

2399. **Eisenberg PD, Abramson N:** Post-transfusion purpura revisted [letter]. N Engl J Med 296(9):515–6, 3 Mar 77
ACUTE DISEASE/ *BLOOD TRANSFUSION, adverse effects/ CASE REPORT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, etiology

2400. **Eisenberg RL, Clark RE:** Filling defects in the renal pelvis and ureter owing to bleeding secondary to acquired circulating anticoagulants. J Urol 116(5):662–3, Nov 76
AGED/ ANTIGEN-ANTIBODY REACTIONS/ AUTOANTIBODIES, analysis/ AUTOIMMUNE DISEASES, complications/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, immunology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FACTOR VIII, immunology/ HEMORRHAGE, immunology/ *HEMORRHAGE, radiography/ HUMAN/ KIDNEY DISEASES, immunology/ *KIDNEY DISEASES, radiography/ KIDNEY FAILURE, ACUTE, immunology/ *KIDNEY PELVIS, radiography/ MALE/ PREDNISONE, therapeutic use/ *URETER, radiography

2401. **Eisenberg S, Schurr D:** Phospholipid removal during degradation of rat plasma very low density lipoprotein in vitro. J Lipid Res 17(6):578–87, Nov 76
ANIMAL/ CHOLESTEROL, blood/ HEPARIN/ KINETICS/ *LIPOPROTEINS, VLDL, blood/ MALE/ PHOSPHOLIPASE, blood/ *PHOSPHOLIPIDS, blood/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2402. **Eisenberger F, Marx FJ, Schmiedt E:** Die transfemorale Kanülierung der Nierengefässe. Diagnostisch-therapeutische Anwendungsmöglichkeiten bei urologischen Erkrankungen Urologe [A] 16(1):1–5, Jan 77 (Eng. Abstr.) **(Ger)**
*CATHETERIZATION, methods/ EMBOLIZATION, THERAPEUTIC, methods/ ENGLISH ABSTRACT/ FEMORAL ARTERY/ HEMANGIOMA, surgery/ HUMAN/ HYPOTHERMIA, INDUCED, methods/ KIDNEY CALCULI, surgery/ KIDNEY NEOPLASMS, surgery/ *KIDNEY, blood supply/ MALE/ PHLEBOGRAPHY, methods/ VARICOCELE, radiography

2403. **Eisenburg J:** Professor Dr. med. Rudolf Marx zum 65. Geburtstag Fortschr Med 95(19):1259–60, 19 May 77 **(Ger)**
BISHYDROXYCOUMARIN, history/ BLOOD COAGULATION DISORDERS, history/ CURRENT BIOG-OBIT/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, history/ GERMANY, WEST/ HEMATOLOGY, history/ HISTORICAL ARTICLE/ HUMAN

2404. **Eisenmann B, Jeanblanc B, Baehrel B, et al:** L'embolie pulmonaire massive. A propos de 26 embolectomies avec survie définitive, dont 10 par opération de Trendelenburg. Arch Mal Coeur 70(6):573–9, Jun 77 (Eng. Abstr.)**(Fre)**
ADULT/ AGED/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ HEMODYNAMICS/ HEPARIN, therapeutic use/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, radiography/ *PULMONARY EMBOLISM, surgery/ SHOCK, etiology

2405. **Ekberg M, Hedner U, Larsson I, et al:** Determination of urinary fibrin/fibrinogen degradation products by radioimmunoassay. Scand J Clin Lab Invest 36(5):453–9, Sep 76
CROSS REACTIONS/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, urine/ FIBRINOGEN, pharmacodynamics/ GLOMERULONEPHRITIS, urine/ GRAFT REJECTION/ HUMAN/ IMMUNE SERUMS, pharmacodynamics/ IMMUNOGLOBULIN FRAGMENTS/ INDICATORS AND REAGENTS/ IODINE RADIOISOTOPES/ KIDNEY, transplantation/ PLASMINOGEN, pharmacodynamics/ RADIOIMMUNOASSAY, methods/ STREPTOKINASE, pharmacodynamics

2406. **Ekert H:** Haemophilia: no longer a crippling disease, Charles Norwood lecture. NZ Med J 84(570):135–9, 25 Aug 76
ADOLESCENCE/ ADULT/ CHILD/ FACTOR VIII, therapeutic use/ FEMALE/ HEMOPHILIA, familial & genetic/ HEMOPHILIA, prevention & control/ *HEMOPHILIA, therapy/ HETEROZYGOTE/ HOME NURSING/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ SEX CHROMOSOMES

2407. **Ekert H, Ananthakrishnan R, Muntz RH, et al:** Family studies of patients with reduced ristocetin aggregation and abnormalities of factor VIII and/or platelet function. Thromb Haemostas 36(1):78–85, 31 Aug 76
BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ FACTOR VIII, antagonists & inhibitors/ *FACTOR VIII, analysis/ FEMALE/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ *PLATELET AGGREGATION, drug effects/ RABBITS, immunology/ *RISTOCETIN, pharmacodynamics/ VON WILLEBRAND'S DISEASE, blood/ *VON WILLEBRAND'S DISEASE, familial & genetic

2408. **Ekert H, Dowling SV:** Platelet release abnormality and reduced prothrombin levels in children with cyanotic congenital heart disease. Aust Paediatr J 13(1):17–21, Mar 77
ADOLESCENCE/ *BLOOD PLATELETS, metabolism/ CHILD/ CHILD, PRESCHOOL/ EPINEPHRINE, pharmacodynamics/ FEMALE/ *HEART DEFECTS, CONGENITAL, blood/ HUMAN/ INFANT/ MALE/ *PLATELET AGGREGATION, drug effects/ *PROTHROMBIN, analysis/ *SEROTONIN, metabolism

2409. **Ekert H, Chavin SI:** Changes in electrophoretic mobility of human factor VIII-related antigen: evidence for subunit structure. Br J Haematol 36(2):271–9, Jun 77
*ANTIGENS, isolation & purification/ BLOOD COAGULATION/ FACTOR VIII, administration & dosage/ *FACTOR VIII, immunology/ HEMOPHILIA, blood/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ VON WILLEBRAND'S DISEASE, blood

2410. **El-Dorry HA, Chu DK, Dzugaj A, et al:** Primary structure of the S-peptide formed by digestion of rabbit liver fructose 1,6-biphosphatase with subtilisin. Arch Biochem Biophys 182(2):763–73, Aug 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ *HEXOSEDIPHOSPHATASE/ LIVER, enzymology/ PEPTIDE FRAGMENTS, analysis/ RABBITS/ *SUBTILISINS/ THERMOLYSIN/ TRYPSIN

2411. **El-Fattah SA, Daabis NA:** The effect of dihydroxypropyl theophylline on the solubility and stability of menadione (vitamin K3). Pharmazie 32(4):232–4, Apr 77
CATALYSIS/ DRUG STABILITY/ SOLUBILITY/ TEMPERATURE/ *THEOPHYLLINE/ THEOPHYLLINE, analogs & derivatives/ THERMODYNAMICS/ *VITAMIN K

2412. **El-Ghobarey AF, Capell HA:** Levamisol-induced thrombocytopenia. Br Med J 2(6086):555–6, 27 Aug 77
*ARTHRITIS, RHEUMATOID, drug therapy/ CASE REPORT/ FEMALE/ HUMAN/ *LEVAMISOLE, adverse effects/ LEVAMISOLE, therapeutic use/ MIDDLE AGE/ *THROMBOPENIA, chemically induced

2413. **El Kheir AA, Ahmed AK, El Bardicy GZ, et al:** Semimicro-titrimetric method for the determination of activity-concentration of heparin. Arzneim Forsch 27(3):551–5, 1977

BLOOD COAGULATION, drug effects/ *HEPARIN, analysis/ HEPARIN, pharmacodynamics/ IN VITRO/ MICROCHEMISTRY, methods/ SULFATES, analysis

2414. **El-Shibiny S, El-Salam MH:** Action of milk-clotting enzymes on beta-caseins from buffalo's and cow's milk. J Dairy Res 43(3):443-8, Oct 76
ANIMAL/ BUFFALOES/ CASEIN, analogs & derivatives/ *CASEIN, metabolism/ CATTLE/ FEMALE/ HYDROLYSIS/ MILK/ MUCOR, enzymology/ *PEPTIDE HYDROLASES, metabolism/ *RENNIN, metabolism/ SPECIES SPECIFICITY/ SPHAERIALES, enzymology

2415. **El-Shinnawi BM:** The home therapy programme for haemophiliacs the situation in Egypt. Scand J Haematol (30):70-1, 1977
EGYPT/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN/ SOCIOECONOMIC FACTORS

2416. **Elaerts J, Bajolet A:** Les embolies pulmonaires Rev Infirm 27(2):123-8, Feb 77 **(Fre)**
HUMAN/ *PULMONARY EMBOLISM

2417. **Elchazly M, Thomas B:** Uber eine biochemische Methode zum Bestimmen der Ballaststoffe und ihrer Komponenten in pflanzlichen Lebensmitteln Z Lebensm Unters Forsch 162(4):329-40, 31 Dec 76 (Eng. Abstr.) **(Ger)**
*CELLULOSE, analysis/ *DIETARY FIBER, analysis/ ENGLISH ABSTRACT/ METHODS/ PEPTIDE HYDROLASES

2418. **Elder JH, Pickett RA 2d, Hampton J, et al:** Radioiodination of proteins in single polyacrylamide gel slices. Tryptic peptide analysis of all the major members of complex multicomponent systems using microgram quantities of total protein. J Biol Chem 252(18):6510-5, 25 Sep 77
DICTYOSTELIUM/ *ELECTROPHORESIS, POLYACRYLAMIDE GEL, methods/ FUNGAL PROTEINS, analysis/ *IODINE RADIOISOTOPES/ *ISOTOPE LABELING, methods/ MEMBRANE PROTEINS, analysis/ MICROCHEMISTRY/ MOLONEY VIRUS/ PEPTIDE FRAGMENTS/ *PROTEINS, analysis/ RAUSCHER VIRUS/ SODIUM DODECYL SULFATE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRAL PROTEINS, analysis

2419. **Eldor A, Naparstek E, Boss JH, et al:** Alveolar rhabdomyosarcoma presenting as subacute intravascular coagulation. J Clin Pathol 30(7):661-5, Jul 77
ADULT/ CASE REPORT/ CYSTADENOMA, PAPILLARY, pathology/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ HEMORRHAGE, etiology/ HUMAN/ MALE/ NEOPLASM METASTASIS/ *RHABDOMYOSARCOMA, complications/ RHABDOMYOSARCOMA, diagnosis/ RHABDOMYOSARCOMA, pathology/ THYROID NEOPLASMS, pathology

2420. **Elebute OA, Mills IH:** Urinary kallikrein in normal and hypertensive pregnancies. Perspect Nephrol Hypertens 5:329-38, 1976
ADOLESCENCE/ ADULT/ FEMALE/ HUMAN/ *HYPERTENSION, urine/ *KALLIKREIN, urine/ OSMOLAR CONCENTRATION/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, urine/ *PREGNANCY TOXEMIAS, urine/ *PREGNANCY/ SODIUM, urine

2421. **Elhadad A, Debesse B:** Contusions des bourses et de leur contenu. A propos de 13 cas opérés. Ann Chir 31(6):455-61, Jun 77 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ CHILD/ *CONTUSIONS, surgery/ ENGLISH ABSTRACT/ EPIDIDYMIS, injuries/ HEMATOCELE, etiology/ HEMATOCELE, surgery/ HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ RUPTURE, etiology/ *SCROTUM, injuries/ SCROTUM, surgery/ *TESTIS, injuries/ TESTIS, surgery

2422. **Elias E, Redshaw M, Wood T:** Diagnostic importance of changes in circulating concentrations of immunoreactive trypsin. Lancet 2(8028):66-8, 9 Jul 77
ACUTE DISEASE/ ADULT/ AGED/ ANTIGENS/ CHRONIC DISEASE/ COMMON BILE DUCT CALCULI, enzymology/ EVALUATION STUDIES/ FEMALE/ HUMAN/ JAUNDICE, enzymology/ KIDNEY FAILURE, CHRONIC, enzymology/ MALE/ MIDDLE AGE/ PANCREATIC NEOPLASMS, enzymology/ PANCREATITIS, enzymology/ RADIOIMMUNOASSAY, methods/ *TRYPSIN, blood

2423. **Eliot RS, Forker AD, Robertson RJ:** Aerobic exercise as a therapeutic modality in the relief of stress. Adv Cardiol 18(0):231-42, 1976
ADAPTATION, PHYSIOLOGICAL/ ADAPTATION, PSYCHOLOGICAL/ BLOOD CHEMICAL ANALYSIS/ BLOOD CIRCULATION/ BLOOD COAGULATION/ CARDIAC OUTPUT/ *EXERCISE THERAPY/ EXERCISE THERAPY, adverse effects/ HEART RATE/ HEART, physiopathology/ HUMAN/ MYOCARDIUM, metabolism/ OXYGEN CONSUMPTION

2424. **Elkeles RS, Hambley J:** The effects of fasting and streptozotocin diabetes on hepatic triglyceride lipase activity in the rat. Diabetes 26(1):58-60, Jan 77
ADIPOSE TISSUE, enzymology/ ANIMAL/ DIABETES MELLITUS, chemically induced/ *DIABETES MELLITUS, enzymology/ *FASTING/ INSULIN, physiology/ *LIPASE, metabolism/ LIPOPROTEIN LIPASE, metabolism/ *LIVER, enzymology/ MALE/ RATS/ STREPTOZOTOCIN/ TRIGLYCERIDES

2425. **Elkeles RS, Hambley J, Bird D:** The contribution of hepatic triglyceride lipase to plasma post-heparin lipolytic activity in the rat. Horm Metab Res 9(1):63-5, Jan 77
ANIMAL/ DEPRESSION, CHEMICAL/ *HEPARIN, diagnostic use/ HEPATECTOMY/ *LIPASE, metabolism/ *LIPIDS, blood/ LIPOPROTEINS, VLDL, blood/ *LIVER, enzymology/ MALE/ PROTAMINES, pharmacodynamics/ RATS/ TRIGLYCERIDES

2426. **Ellen RP, Balcerzak-Raczkowski IB:** Interbacterial aggregation of Actinomyces naeslundii and dental plaque streptococci. J Periodont Res 12(1):11-20, Jan 77
*ACTINOMYCES/ ACTINOMYCES, ultrastructure/ CELL WALL, drug effects/ *DENTAL PLAQUE, microbiology/ HEAT/ PAPAIN, pharmacodynamics/ STREPTOCOCCUS MUTANS, drug effects/ STREPTOCOCCUS MUTANS, ultrastructure/ STREPTOCOCCUS SANGUIS, drug effects/ STREPTOCOCCUS SANGUIS, ultrastructure/ *STREPTOCOCCUS/ STREPTOCOCCUS, ultrastructure/ TRYPSIN, pharmacodynamics

2427. **Elliott BE, Nagy Z, Nabholz M, et al:** Antigen recognition by T cells activated in the mixed lymphocyte reaction: specific binding of allogeneic cell material after removal of surface-bound antigen by trypsin. Eur J Immunol 7(5):287-91, May 77
ANIMAL/ *ANTIGENIC DETERMINANTS/ CELL MEMBRANE, immunology/ CELLS, CULTURED/ *ISOANTIGENS/ LEUKOCYTE CULTURE TEST, MIXED/ LYMPHOCYTE TRANSFORMATION/ MICE/ MICE, INBRED CBA/ MICE, INBRED C57BL/ *T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics

2428. **Elliott GR, Odam EM, Townsend MG:** An assay procedure for the vitamin K1 2,3-epoxide-reducing system of rat liver involving high-performance liquid chromatography. Biochem Soc Trans 4(4):615-7, 1976
ANIMAL/ CHROMATOGRAPHY, HIGH SPEED LIQUID, methods/ *ETHERS, CYCLIC, metabolism/ KINETICS/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ RATS/ *VITAMIN K, metabolism/ WARFARIN, pharmacodynamics

2429. **Ellis D, Pettet N, Williams JD, et al:** Improved factor VIII concentrate of intermediate purity [letter] Br J Haematol 36(1):149-50, May 77
FACTOR VIII, analysis/ *FACTOR VIII, isolation & purification/ FACTOR VIII, standards/ GREAT

BRITAIN

2430. **Ellis EF, Nies AS, Oates JA:** Cerebral arterial smooth muscle contraction by thromboxane A2. Stroke 8(4):480–3, Jul–Aug 77
ANIMAL/ BLOOD PLATELETS, metabolism/ CAROTID ARTERIES, drug effects/ CATTLE/ *CEREBRAL ARTERIES, drug effects/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CORONARY VESSELS, drug effects/ HUMAN/ HYDROXY ACIDS, biosynthesis/ *HYDROXY ACIDS, pharmacodynamics/ IN VITRO/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ PEROXIDES, metabolism/ PROSTAGLANDINS, metabolism/ PYRANS, biosynthesis/ PYRANS, pharmacodynamics/ RENAL ARTERY, drug effects/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2431. **Ellis FH Jr, Healy RW, Alexander S:** Mitral valve replacement with the modified University of Cape Town (UCT) prosthesis: clinical and hemodynamic results. Ann Thorac Surg 23:26–31, Jan 77
ADULT/ AGED/ EMBOLISM, etiology/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEMODYNAMICS/ HUMAN/ MIDDLE AGE/ MITRAL VALVE, physiology/ *MITRAL VALVE, surgery/ MYOCARDIAL INFARCT, etiology/ PULMONARY ARTERY, physiology/ THROMBOEMBOLISM, etiology

2432. **Ellis FP:** Heat illness. II. Pathogenesis. Trans R Soc Trop Med Hyg 70(5–6):412–8, 1977 (98 ref.)
ADOLESCENCE/ ADULT/ AGED/ ANIMAL/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD COAGULATION DISORDERS, etiology/ BRAIN DISEASES, etiology/ CHLORPROMAZINE, adverse effects/ DOGS/ HEART DISEASES, etiology/ *HEAT EXHAUSTION, complications/ HEAT EXHAUSTION, enzymology/ HUMAN/ HYPOKALEMIA, etiology/ KIDNEY DISEASES, etiology/ LIVER DISEASES, etiology/ MYOGLOBINURIA, etiology/ REVIEW/ SODIUM, deficiency/ WATER-ELECTROLYTE BALANCE

2433. **Ellis R:** Lateral displacement of the bladder caused by enlarged pelvic collateral veins. J Urol 117(4):537, Apr 77
ADULT/ *BLADDER DISEASES, etiology/ BLADDER DISEASES, radiography/ CASE REPORT/ *COLLATERAL CIRCULATION/ FEMALE/ HUMAN/ *PELVIS, blood supply/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, radiography/ *VEINS

2434. **Ellison A, Poirier R:** Therapeutic effects of heparin on Pseudomonas-induced corneal ulceration. Am J Ophthalmol 82(4):619–27, Oct 76
ACETYLCYSTEINE, therapeutic use/ ADMINISTRATION, TOPICAL/ ADULT/ ANIMAL/ CASE REPORT/ COLISTIN, administration & dosage/ COLISTIN, therapeutic use/ *CORNEAL ULCER, drug therapy/ CORNEAL ULCER, microbiology/ DRUG THERAPY, COMBINATION/ EDTA, therapeutic use/ GENTAMICIN, therapeutic use/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ POLYMYXIN, therapeutic use/ PSEUDOMONAS AERUGINOSA/ *PSEUDOMONAS INFECTIONS, complications/ PSEUDOMONAS INFECTIONS, drug therapy/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2435. **Ellison N:** Diagnosis and management of bleeding disorders. Anesthesiology 47(2):171–80, Aug 77 (34 ref.)
ANTICOAGULANTS, adverse effects/ BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ BLOOD TRANSFUSION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FIBRINOLYSIS/ HEMOPHILIA, diagnosis/ HEMOPHILIA, therapy/ *HEMORRHAGIC DIATHESIS/ HEMORRHAGIC DIATHESIS, diagnosis/ HEMORRHAGIC DIATHESIS, etiology/ HEMORRHAGIC DIATHESIS, therapy/ HEMOSTASIS/ HEPARIN, therapeutic use/ HUMAN/ LIVER DISEASES, complications/ REVIEW/ THROMBOPENIA, diagnosis/ THROMBOPENIA, therapy

2436. **Elliston EP, Taylor CE:** Separation of M. leprae from human leproma and the development of a cytoplasmic skin test antigen from purified bacilli. Int J Lepr 44(3):319–31, Jul–Sep 76
ANIMAL/ *ANTIGENS, BACTERIAL, isolation & purification/ BCG, immunology/ CELL FRACTIONATION/ CROSS REACTIONS/ CYTOPLASM, immunology/ DIAGNOSIS, DIFFERENTIAL/ GUINEA PIGS/ HUMAN/ *LEPROSY, diagnosis/ LEPROSY, microbiology/ LIPASE, metabolism/ *MYCOBACTERIUM LEPRAE, immunology/ MYCOBACTERIUM LEPRAE, isolation & purification/ PRONASE, metabolism/ *SKIN TESTS/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2437. **Ellner JJ, Lipsky PE, Rosenthal AS:** Antigen handling by guinea pig macrophages: further evidence for the sequestration of antigen relevant for activation of primed T lymphocytes. J Immunol 118(6):2053–7, Jun 77
ANIMAL/ *ANTIGENS/ CELL MEMBRANE, immunology/ DINITROBENZENES, immunology/ GUINEA PIGS/ *LYMPHOCYTE TRANSFORMATION/ *MACROPHAGES, immunology/ MIGRATION INHIBITORY FACTOR, biosynthesis/ SERUM ALBUMIN, immunology/ *T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics

2438. **Elmgreen J, Jacobsen N, Knudtzon S:** The effect of syngeneic peripheral blood cells on the formation of colonies by normal human bone marrow cells in diffusion chambers in mice. Scand J Haematol 17(5):379–87, Nov 76
ANIMAL/ *BONE MARROW CELLS/ BONE MARROW CELLS, radiation effects/ CELL DIVISION/ CELLS, CULTURED/ CLONE CELLS/ COLONY STIMULATING FACTOR/ DIFFUSION/ *GRANULOCYTES, physiology/ GRANULOCYTES, radiation effects/ HEPARIN, pharmacodynamics/ HUMAN/ *LEUKOCYTES/ *LEUKOCYTES, physiology/ LYMPHOCYTES, radiation effects/ MICE/ NEUTROPHILS, radiation effects/ TIME FACTORS

2439. **Eloy R, Raul F, Pousse A, et al:** Ex vivo vascular perfusion of the isolated rat small bowel. Importance of the intestinal brush border enzyme-release in basal conditions. Eur Surg Res 9(2):96–112, 1977
*ALKALINE PHOSPHATASE, metabolism/ *AMINOPEPTIDASES, metabolism/ ANIMAL/ BLOOD PRESSURE/ *DISACCHARIDASES, metabolism/ *ENTEROPEPTIDASE, metabolism/ GASTROINTESTINAL MOTILITY/ INTESTINAL MUCOSA, blood supply/ *INTESTINAL MUCOSA, enzymology/ INTESTINE, SMALL, blood supply/ INTESTINE, SMALL, enzymology/ *INTESTINE, SMALL, physiology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PERFUSION, instrumentation/ *PERFUSION, methods/ PROTEINS, metabolism/ RATS/ VASCULAR RESISTANCE

2440. **Elsayed S, Apold J, Aas K, et al:** The allergenic structure of allergen M from cod. I. Tryptic peptides of fragment TM 1. Int Arch Allergy Appl Immunol 52(1–4):59–63, 1976
ALLERGENS/ AMINO ACID SEQUENCE/ ANIMAL/ *ANTIGENIC DETERMINANTS/ FISHES/ PEPTIDE FRAGMENTS, immunology/ PEPTIDES, isolation & purification/ TRYPSIN

2441. **Elzinga M, Lu RC:** Comparative amino acid sequence studies on actins. pp. 29–37.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.
*ACTIN/ AMINO ACID SEQUENCE/ AMOEBA, analysis/ ANIMAL/ BLOOD PLATELETS,

analysis/ BRAIN CHEMISTRY/ CATTLE/ COMPARATIVE STUDY/ CYANOGEN BROMIDE/ GENES, STRUCTURAL/ HUMAN/ MONOGRAPH/ MUSCLES, analysis/ MYOCARDIUM, analysis/ ORGAN SPECIFICITY/ RABBITS/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2442. **Emanuel B, Young N:** Recurrent osteomyelitis of the sternum. IMJ 152(2):110–12, Aug 77
ADOLESCENCE/ BONE MARROW EXAMINATION, adverse effects/ CASE REPORT/ CEPHALOTHIN, therapeutic use/ CHILD/ CHLORAMPHENICOL, therapeutic use/ *COLITIS, ULCERATIVE, complications/ HUMAN/ MALE/ OSTEOMYELITIS, drug therapy/ *OSTEOMYELITIS, etiology/ OXACILLIN, therapeutic use/ RECURRENCE/ *STERNUM/ STERNUM, radiography/ THROMBOPENIA, complications/ THROMBOPENIA, diagnosis

2443. **Emanuele B, Ferraro C, Canepa G, et al:** Contributo casistico al trattamento exeretico urgente delle emorragie polmonari irrefrenabili. Minerva Chir 32(10):611–20, 31 May 77 (Eng. Abstr.) **(Ita)**
ADULT/ ARTERIOVENOUS FISTULA, complications/ ARTERIOVENOUS MALFORMATIONS, complications/ BRONCHIECTASIS, complications/ CASE REPORT/ EMERGENCIES/ ENGLISH ABSTRACT/ FEMALE/ HEMOPTYSIS, etiology/ *HEMOPTYSIS, surgery/ HUMAN/ LUNG, abnormalities/ MALE/ MIDDLE AGE/ *PNEUMONECTOMY/ PULMONARY EMBOLISM, complications/ PULMONARY EMPHYSEMA, complications

2444. **Emeis JJ, Lindeman J:** Rat liver macrophages will not phagocytose fibrin during disseminated intravascular coagulation. Haemostasis 5(4):193–210, 1976
ANIMAL/ COLLOIDS/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ *FIBRIN, analysis/ FIBRINOLYSIS/ KUPFFER CELLS, immunology/ *LIVER, cytology/ *MACROPHAGES, ultrastructure/ MALE/ *PHAGOCYTOSIS/ RATS/ SILVER/ THROMBIN

2445. **Emel'kin VI, Chibireva EM, Pertsovskiĭ AI:** Kliniko-biokhimicheskaia otsenka aktivnosti khronicheskoĭ pnevmonii Klin Med (Mosk) 55(3):105–8, Mar 77 **(Rus)**
ADOLESCENCE/ ADULT/ BLOOD PROTEINS, analysis/ CHRONIC DISEASE/ FEMALE/ FIBRINOGEN, analysis/ HAPTOGLOBINS, analysis/ HUMAN/ MALE/ MIDDLE AGE/ PNEUMONIA, blood/ *PNEUMONIA, diagnosis/ SIALIC ACIDS, blood

2446. **Emerson PA, Marks P:** Preventing thromboembolism after myocardial infarction: effect of low-dose heparin or smoking. Br Med J 1(6052):18–20, 1 Jan 77
AGED/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ PULMONARY EMBOLISM, prevention & control/ *SMOKING/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control

2447. **Emi S, Myers DV, Iacobucci GA:** Coupling of the Penicillium duponti acid protease to ethylene-maleic acid (1 : 1) linear copolymer. Preparation and properties of the water-soluble derivative. Biochim Biophys Acta 445(3):672–82, 11 Oct 76
BINDING SITES/ ENZYMES, IMMOBILIZED, isolation & purification/ *ENZYMES, IMMOBILIZED, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MACROMOLECULAR SYSTEMS/ *MALEATES/ MOLECULAR WEIGHT/ *PENICILLIUM, enzymology/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN BINDING/ TEMPERATURE

2448. **Emöd I, Keil B:** Five Sepharose-bound ligands for the chromatographic purification of Clostridium collagenase and clostripain. FEBS Lett 77(1):51–6, 1 May 77
CHROMATOGRAPHY, AFFINITY, methods/ *CLOSTRIDIOPEPTIDASE A, isolation & purification/ *CLOSTRIDIUM, enzymology/ LIGANDS/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ SEPHAROSE

2449. **Emtseva IB, Belozerskiĭ MA:** N, al'fa-benzoil-D,L-arginin-n-nitroanilidaza iz semian grachikhi. Svoĭstva i substratnaia spetsifichnost' Biokhimiia 42(4):726–34, Apr 77 (Eng. Abstr.) **(Rus)**
BENZOYLARGININE NITROANILIDE/ CHYMOTRYPSINOGEN, metabolism/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ FIBRINOGEN, metabolism/ *GRAIN, enzymology/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PLANT PROTEINS, metabolism/ PROTAMINES, metabolism/ SALMINE, metabolism/ SEEDS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

2450. **Enarson DA, Gracey DR:** Complications of cardiopulmonary resuscitation. Heart Lung 5(5):805–6, Sep-Oct 76
ADULT/ AXILLARY VEIN/ BLADDER, NEUROGENIC, etiology/ CASE REPORT/ FEMALE/ HUMAN/ INFARCTION/ PARALYSIS, etiology/ *RESUSCITATION, adverse effects/ RIB FRACTURES, etiology/ SPINAL CORD, blood supply/ THROMBOPHLEBITIS, etiology

2451. **Enat R, Pollak S, Barzilai D:** [Thrombocytosis in patients with pneumonia] Harefuah 92(1):16–8, 2 Jan 77 (Eng. Abstr.) **(Heb)**
ENGLISH ABSTRACT/ HUMAN/ *PNEUMONIA, complications/ *THROMBOCYTOSIS, complications

2452. **Encke A, Stock C, Dumke HO:** Doppelblindstudie zur postoperativen Thromboseprophylaxe mit Dipyridamol/Acetylsalicylsäure Chirurg 47(12):670–3, Dec 76 (Eng. Abstr.) **(Ger)**
ABDOMEN, surgery/ ASPIRIN, pharmacodynamics/ *ASPIRIN, therapeutic use/ DIPYRIDAMOLE, pharmacodynamics/ *DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ PLATELET AGGREGATION, drug effects/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOSIS, prevention & control

2453. **Enderby GE, Patel H, Hackett M, et al:** The effects of deliberate hypotension and foot down tilt on the incidence of deep vein thrombosis during plastic surgical operations: a pilot survey. Anaesthesia 31(9):1273–7, Nov 76
HUMAN/ *HYPOTENSION, CONTROLLED/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, occurrence/ POSTURE/ *SURGERY, PLASTIC/ *THROMBOPHLEBITIS, occurrence/ TIME FACTORS

2454. **Endert G, Ritter H, Hochheim B, et al:** Zur Korrelation des 125J-Fibrinogentestes mit der Kontrastmittel-phlebographie bei Patienten mit erhöhtem Thromboserisiko. Radiol Diagn (Berl) 18(2):245–9, 2 Apr 77 (Eng. Abstr.) **(Ger)**
COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FIBRINOGEN, diagnostic use/ HUMAN/ *IODINE RADIOISOTOPES, diagnostic use/ *PHLEBOGRAPHY/ PROSPECTIVE STUDIES/ *THROMBOPHLEBITIS, diagnosis

2455. **Endl J, Auinger W:** Frühdiagnose der postoperativen tiefen Beinvenenthrombose mit dem 125Jod-Fibrinogentest an einem gynäkologisch operierten Patientengut Wien Klin Wochenschr 89(9):304–7, 29 Apr 77 (Eng. Abstr.) **(Ger)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, metabolism/ GYNECOLOGIC DISEASES, surgery/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ LEG/ MIDDLE AGE/ PLANT EXTRACTS, therapeutic use/ *POSTOPERATIVE COMPLICATIONS/

*THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, prevention & control

2456. **Endo Y, Takahashi K, Shibata A:** [A new method for measuring platelet fibrinogen levels by the use of the FDP-kit (author's transl)] Jpn J Clin Hematol 17(9):952–5, Sep 76 (Eng. Abstr.) **(Jpn)**
*BLOOD PLATELETS, analysis/ ENGLISH ABSTRACT/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, diagnostic use/ *FIBRINOGEN, analysis/ HUMAN/ METHODS

2457. **Endresen C, Grov A:** Immunochemical analysis of an unusual cell wall polysaccharide from animal coagulase-positive staphylococci. 2. Probable structure based on chemical and serological studies.
Acta Pathol Microbiol Scand [B] 84B(5):305–8, Oct 76
ALKALIES/ *CELL WALL, analysis/ COAGULASE/ CONCANAVALIN A/ GEL DIFFUSION TESTS/ GLUCOSE, analysis/ GLYCERIN, analysis/ HYDROFLUORIC ACID/ HYDROLYSIS/ PHOSPHATES, analysis/ *POLYSACCHARIDES, BACTERIAL, analysis/ PRECIPITATION/ *STAPHYLOCOCCUS AUREUS, analysis/ TEICHOIC ACIDS

2458. **Endresen C, Grov A:** Immunochemical analysis of an unusual cell wall polysaccharide from animal coagulase-positive staphylococci. 1. Fragments obtained after hydrolysis in hydrofluoric acid and alkali.
Acta Pathol Microbiol Scand [B] 84B(5):300–4, Oct 76
ALKALIES/ AMINO ACIDS, analysis/ *CELL WALL, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, PAPER/ COAGULASE/ GLUCOSAMINE, analysis/ GLUCOSAMINIDASE/ GLUCOSE, analysis/ GLUCOSIDASES/ GLYCERIN, analysis/ HYDROFLUORIC ACID/ HYDROLYSIS/ MURAMIC ACIDS, analysis/ PHOSPHATES, analysis/ *POLYSACCHARIDES, BACTERIAL, analysis/ *STAPHYLOCOCCUS AUREUS, analysis/ TEICHOIC ACIDS

2459. **Endresen C, Grov A:** Further characterization of protein A reactive and non-reactive subfragments of Fc from human IgG. Acta Pathol Microbiol Scand [C] 84C(5):397–402, Oct 76
ANTIGENIC DETERMINANTS/ *BACTERIAL PROTEINS, immunology/ CHROMATOGRAPHY, GEL/ COMPLEMENT 2/ COMPLEMENT 3/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ HUMAN/ *IGG, analysis/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULINS, FC, analysis/ RHEUMATOID FACTOR/ TRYPSIN

2460. **Enegren BJ, Burness AT:** Chemical structure of attachment sites for viruses on human erythrocytes. Nature 268(5620):536–7, 11 Aug 77
AMINO ACID SEQUENCE/ BINDING SITES/ CELL MEMBRANE, microbiology/ CELL MEMBRANE, physiology/ *ENCEPHALOMYOCARDITIS VIRUSES/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, microbiology/ ERYTHROCYTES, physiology/ *GLYCOPHORIN, physiology/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ NEURAMINIDASE, pharmacodynamics/ *ORTHOMYXOVIRUSES/ *SIALOGLYCOPROTEINS, physiology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2461. **Enerbäck L, Berlin G, Svensson I, et al:** Quantitation of mast cell heparin by flow cytofluorometry.
J Histochem Cytochem 24(12):1231–8, Dec 76
ANIMAL/ BERBERINE/ CELL ADHESION/ CELL AGGREGATION/ CELL COUNT/ CELL SEPARATION/ *HEPARIN, analysis/ MALE/ *MAST CELLS, analysis/ METHODS/ MICROSCOPY, FLUORESCENCE/ RATS/ SPECTROMETRY, FLUORESCENCE/ STAINS AND STAINING

2462. **Engel D, Clagett J, Page R, et al:** Mitogenic activity of Actinomyces viscosus. I. Effects on murine B and T lymphocytes, and partial characterization. J Immunol 118(4):1466–71, Apr 77
*ACTINOMYCES, immunology/ ALKALIES, pharmacodynamics/ ANIMAL/ ANTIGENIC DETERMINANTS/ *ANTIGENS, BACTERIAL/ ANTIGENS, BACTERIAL, administration & dosage/ *B-LYMPHOCYTES, immunology/ CELL DIFFERENTIATION/ FEMALE/ GERM-FREE LIFE/ HEAT/ IN VITRO/ LIPOPOLYSACCHARIDES, immunology/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, metabolism/ LYMPHOKINES, biosynthesis/ MALE/ MICE/ MICE, INBRED BALB C/ MICE, INBRED C3H/ MICE, INBRED C57BL/ MICE, NUDE/ *MITOGENS/ MURAMIDASE, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ PERIODIC ACIDS, pharmacodynamics/ PLASMA CELLS, immunology/ SPLEEN, immunology/ *T-LYMPHOCYTES, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2463. **Engelberg H:** Probable physiologic functions of heparin. Fed Proc 36(1):70–2, Jan 77
ANIMAL/ *BLOOD COAGULATION/ DOGS/ *HEPARIN, physiology/ HUMAN/ INTESTINAL MUCOSA, physiology/ *LIPOPROTEIN LIPASE, metabolism/ MAST CELLS, metabolism/ MODELS, BIOLOGICAL/ TRIGLYCERIDES, blood

2464. **Engelfriet CP, von dem Borne AE, Fleer A, et al:** Immunologische Schädigung der Erythrozyten
Schweiz Med Wochenschr 106(40):1330–6, 2 Oct 76 (Eng. Abstr.) **(Ger)**
ANTIBODIES/ AUTOANTIBODIES/ BINDING SITES, ANTIBODY/ CELL ADHESION/ COLD/ COMPLEMENT 3/ COMPLEMENT/ ENGLISH ABSTRACT/ *ERYTHROCYTES, immunology/ *HEMOLYSIS/ HUMAN/ IMMUNOGLOBULINS, FC/ MONOCYTES, immunology/ PEPTIDE HYDROLASES/ PHAGOCYTES, immunology

2465. **Engelman DM, Hillman GM:** Molecular organization of the cholesteryl ester droplets in the fatty streaks of human aorta. J Clin Invest 58(4):997–1018, Oct 76
ADOLESCENCE/ ADULT/ *AORTA, pathology/ BIREFRINGENCE/ *CHOLESTEROL ESTERS/ *CHOLESTEROL/ CHOLESTEROL, analogs & derivatives/ *FATTY STREAK, ARTERIAL, pathology/ FEMALE/ HUMAN/ MALE/ MOLECULAR CONFORMATION/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ X-RAY DIFFRACTION

2466. **Engelmann C, Tessenow W, Dannenberg C, et al:** Medikamentös induzierte Thrombozytopenien
Z Gesamte Inn Med 31(18):746–9, 15 Sep 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ AMINOPYRINE, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ GLIBENCLAMIDE, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ PHENACETIN, adverse effects/ PHENYLBUTAZONE, adverse effects/ PREDNISOLONE, therapeutic use/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, drug therapy

2467. **Enger SC, Johnsen V, Samuelsen A, et al:** The effect of clofibrate on glucose tolerance, insulin secretion, triglycerides and fibrinogen in patients with coronary heart disease. Acta Med Scand 201(6):563–6, 1977
ADULT/ AGED/ *BLOOD SUGAR/ BLOOD SUGAR, analysis/ CLINICAL RESEARCH/ *CLOFIBRATE, therapeutic use/ *CORONARY DISEASE, drug therapy/ *FIBRINOGEN/ FIBRINOGEN, analysis/ GLUCOSE TOLERANCE TEST/ HUMAN/ INSULIN, blood/ *INSULIN, secretion/ MALE/ MIDDLE AGE/ *TRIGLYCERIDES, blood

2468. **Engler R, Jayle MF:** Intérêt clinique du dosage immunochimique des protéines plasmatiques
Sem Hop Paris 52(43):2481–4, 16 Dec 76 **(Fre)**
ACUTE DISEASE/ AUTOANALYSIS/ *BLOOD PROTEINS, analysis/ CHRONIC DISEASE/ COMPARATIVE STUDY/ COUNTERIMMUNOELECTROPHORESIS/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ GEL DIFFUSION TESTS/ HUMAN/ *IMMUNOLOGIC TECHNICS/ INFLAMMATION, blood/ LIVER

CIRRHOSIS, blood/ NEPHROTIC SYNDROME, blood/ TURBIDIMETRY

2469. **English D, Andersen BR:** Organ distribution of canine leukocytes labeled with 99mTc-sulfur colloid. J Nucl Med 18(3):289–95, Mar 77
ANIMAL/ CHROMIUM RADIOISOTOPES/ COLLOIDS/ CROSS CIRCULATION/ DOGS/ GRANULOCYTES, metabolism/ *LEUKOCYTES, metabolism/ LIVER, metabolism/ LUNG, metabolism/ STAPHYLOCOCCAL INFECTIONS, metabolism/ SULFUR/ *TECHNETIUM/ THROMBOPHLEBITIS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2470. **English GM:** Common injuries to the ear. Primary Care 3(3):507–20, Sep 76
ANESTHESIA, LOCAL/ BURNS, complications/ BURNS, therapy/ EAR CANAL, injuries/ *EAR, EXTERNAL, injuries/ EAR, EXTERNAL, surgery/ FOREIGN BODIES, therapy/ FROSTBITE, therapy/ HEMATOMA, etiology/ HEMATOMA, therapy/ HUMAN/ METHODS/ WOUNDS AND INJURIES, surgery/ *WOUNDS AND INJURIES, therapy

2471. **Engquist A, Askgaard B, Funding J:** Impairment of blood fibrinolytic activity during major surgical stress under combined extradural blockade and general anaesthesia. Br J Anaesth 48(9):903–6, Sep 76
ADULT/ AGED/ *ANESTHESIA, EPIDURAL/ *ANESTHESIA, GENERAL/ ANESTHETICS, pharmacodynamics/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ HYDROCORTISONE, blood/ MALE/ MIDDLE AGE/ STRESS, physiopathology/ TIME FACTORS

2472. **Enikeeva ZM, Fonareva LP, Malinina LI:** Fibrinoliticheskaia aktivnost' pochechnoĭ tkani pri glomerulonefrite u detei Vopr Okhr Materin Det 22(3):22–5, 1977 (Eng. Abstr.) **(Rus)**
CHILD/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FIBRIN, analysis/ *FIBRINOLYSIS/ *GLOMERULONEPHRITIS, physiopathology/ HUMAN/ *KIDNEY, physiopathology/ SERUM GLOBULINS, analysis

2473. **Enomoto KI, Sato R:** Asymmetric binding of cytochrome b5 to the membrane of human erythrocyte ghosts. Biochim Biophys Acta 466(1):136–47, 1 Apr 77
CHOLESTEROL/ *CYTOCHROMES, blood/ *ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, metabolism/ HUMAN/ KINETICS/ LIPOSOMES/ MODELS, BIOLOGICAL/ NEURAMINIDASE/ PHOSPHATIDYLCHOLINES/ PROTEIN BINDING/ SPHINGOMYELINS/ TRYPSIN

2474. **Enson Y:** Pulmonary heart disease: relation of pulmonary hypertension to abnormal lung structure and function. Bull NY Acad Med 53(6):551–66, Jul–Aug 77
BRONCHITIS, complications/ BRONCHITIS, physiopathology/ HUMAN/ *HYPERTENSION, PULMONARY, complications/ LUNG, physiopathology/ PULMONARY CIRCULATION/ PULMONARY EMBOLISM, physiopathology/ *PULMONARY HEART DISEASE, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAL CAPACITY

2475. **Ensthaler J, Jakubek H:** Neunjährige Erfahrungen mit Kniegelenksendoprothesen Wien Med Wochenschr 126(25–27):404–7, 25 Jun 76 **(Ger)**
AGED/ CASE REPORT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ *JOINT PROSTHESIS/ JOINT PROSTHESIS, adverse effects/ *KNEE JOINT, surgery/ MALE/ METHODS/ OSTEOPOROSIS, etiology/ POSTOPERATIVE CARE/ PSEUDARTHROSIS, etiology/ THROMBOPHLEBITIS, etiology/ TIME FACTORS

2476. **Epifanov NS, Zhuravlev VA, Kozlov AI, et al:** Vybor metoda perelivaniia krovi v klinicheskoĭ praktike Sov Med (8):52–7, Aug 75 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, methods/ BLOOD TRANSFUSION, AUTOLOGOUS/ DOGS/ ENGLISH ABSTRACT/ EXTRACORPOREAL CIRCULATION/ HEART SURGERY/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ RADIATION INJURIES, EXPERIMENTAL, therapy/ SHOCK, TRAUMATIC, therapy/ SURGERY, OPERATIVE

2477. **Epikhin NV:** Soderzhanie nekotorykh fermentov v zhelchi i syvorotke krovi u zdorovykh detei Pediatriia (5):67–9, May 76 **(Rus)**
ACID PHOSPHATASE, analysis/ *ACID PHOSPHATASE, blood/ ADOLESCENCE/ ALKALINE PHOSPHATASE, analysis/ *ALKALINE PHOSPHATASE, blood/ *BILE, enzymology/ CHILD/ FEMALE/ HISTIDASE, analysis/ HISTIDASE, blood/ HUMAN/ LACTATE DEHYDROGENASE, analysis/ *LACTATE DEHYDROGENASE, blood/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, blood/ UROKINASE, analysis/ *UROKINASE, blood

2478. **Eppig JJ, Leiter EH:** Exocrine pancreatic insufficiency syndrome in CBA/J mice. Ultrastructural study. Am J Pathol 86(1):17–30, Jan 77
ANIMAL/ CYTOPLASMIC GRANULES, ultrastructure/ ENDOPLASMIC RETICULUM, ultrastructure/ ENZYME PRECURSORS, metabolism/ MICE/ *MICE, INBRED CBA/ PANCREAS, ultrastructure/ PANCREATIC DISEASES, pathology/ *PANCREATIC DISEASES, veterinary/ RODENT DISEASES, microbiology/ *RODENT DISEASES, pathology/ TRYPSIN, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRUS DISEASES, complications

2479. **Epstein E:** Treatment of zoster and postzoster neuralgia by the intralesional injection of triamcinolone: a computer analysis of 199 cases. Int J Dermatol 15:762–9, Dec 76
ADOLESCENCE/ ADULT/ AGED/ ATROPHY/ CHILD/ CICATRIX, etiology/ FEMALE/ HEMORRHAGE, etiology/ HERPES ZOSTER, complications/ *HERPES ZOSTER, drug therapy/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ MIDDLE AGE/ *NEURALGIA, drug therapy/ NEURALGIA, etiology/ PAIN, etiology/ THROMBOPHLEBITIS, etiology/ TRIAMCINOLONE, administration & dosage/ TRIAMCINOLONE, adverse effects/ *TRIAMCINOLONE, therapeutic use/ VERTIGO, etiology

2480. **Epstein F, Naidich TP, Chase NE, et al:** Role of computerized axial tomography in diagnosis and treatment of common neurosurgical problems of infancy and childhood. Childs Brain 2(2):111–31, 1976
*BRAIN DISEASES, radiography/ BRAIN EDEMA, radiography/ BRAIN INJURIES, ACUTE, radiography/ BRAIN NEOPLASMS, radiography/ CEREBELLAR NEOPLASMS, radiography/ CHILD/ CHILD, PRESCHOOL/ DANDY-WALKER SYNDROME, radiography/ GLIOMA, radiography/ HEMATOMA, radiography/ HUMAN/ HYDROCEPHALUS, radiography/ INFANT

2481. **Epstein M:** Cardiovascular and renal effects of head-out water immersion in man: application of the model in the assessment of volume homeostasis. Circ Res 39(5):619–28, Nov 76 (74 ref.)
ALDOSTERONE, blood/ BLOOD VOLUME/ DIURESIS/ EXTRACELLULAR SPACE, physiology/ *HEMODYNAMICS/ *HEMOSTASIS/ HUMAN/ HYDROSTATIC PRESSURE/ HYPERTENSION, physiopathology/ *IMMERSION, physiopathology/ KIDNEY, blood supply/ *KIDNEY, physiopathology/ MODELS, BIOLOGICAL/ NATRIURESIS/ RENIN, blood/ RESPIRATION/ REVIEW/ SODIUM CHLORIDE, pharmacodynamics/ *WATER-ELECTROLYTE BALANCE/ WATER-ELECTROLYTE IMBALANCE, physiopathology

2482. **Epstein M, Reuben J:** On the relative location of the inhibitor-and calcium-binding sites in bovine trypsin as determined by nuclear magnetic resonance. Possible ambiguities in paramagnetic probe mapping studies. Biochim Biophys Acta 481(1):164–70, 15 Mar 77
AMIDINES, metabolism/ BENZAMIDINES, metabolism/ BINDING SITES/ *CALCIUM, metabolism/ CATTLE/ GADOLINIUM,

metabolism/ *NUCLEAR MAGNETIC RESONANCE/ *TRYPSIN, metabolism

2483. **Epstein M, Reuben J, Levitzki A:** Calcium binding site of trypsin as probed by lanthanides. Biochemistry 16(11):2449–57, 31 May 77
BINDING SITES/ BINDING, COMPETITIVE/ *CALCIUM, metabolism/ CATTLE/ CHEMISTRY/ ELECTRON SPIN RESONANCE/ GADOLINIUM, metabolism/ HYDROGEN-ION CONCENTRATION/ LUMINESCENCE/ MATHEMATICS/ METALS, RARE EARTH, metabolism/ POTENTIOMETRY/ PROTONS/ SPECTROMETRY, FLUORESCENCE/ SWINE/ TERBIUM, metabolism/ *TRYPSIN, metabolism

2484. **Epstein O, Bevan G, Siddiqui N, et al:** Factor VII deficiency associated with nephrotic syndrome. Br Med J 2(6048):1361, 4 Dec 76
AGED/ CASE REPORT/ FEMALE/ HUMAN/ *HYPOPROCONVERTINEMIA, etiology/ *NEPHROTIC SYNDROME, complications

2485. **Erb P, Feldmann M, Hogg N:** Role of macrophages in the generation of T helper cells. IV. Nature of genetically related factor derived from macrophages incubated with soluble antigens. Eur J Immunol 6(5):365–72, May 76
ANIMAL/ *ANTIGENS/ *GENES/ HEAT/ HISTOCOMPATIBILITY ANTIGENS/ IMMUNOSORBENTS/ *ISOANTIGENS/ ISOANTIGENS, analysis/ *MACROPHAGES, immunology/ MICE/ MICE, INBRED STRAINS/ MOLECULAR WEIGHT/ PAPAIN/ SOLUBILITY/ *T-LYMPHOCYTES, immunology/ TRYPSIN

2486. **Ercan ZS, Türker RK:** Potentiation by crude kallikrein of the myotropic effect of angiotensin I in the isolated rabbit aortic strip. Experientia 33(3):369–70, 15 Mar 77
*ANGIOTENSIN, pharmacodynamics/ ANIMAL/ AORTA, drug effects/ *AORTA, physiology/ *KALLIKREIN, pharmacodynamics/ KININASE II, antagonists & inhibitors/ MUSCLE CONTRACTION, drug effects/ RABBITS

2487. **Erdman S, Salomon J, Levy MJ:** Haemopericardium as a late complication in anticoagulant therapy following mitral valve replacement.
Scand J Thorac Cardiovasc Surg 10(3):205–7, 1976
ADULT/ CASE REPORT/ FEMALE/ *HEART VALVE PROSTHESIS/ *HEMOPERICARDIUM, chemically induced/ HEMOPERICARDIUM, radiography/ HUMAN/ MALE/ *MITRAL VALVE, surgery/ *PERICARDIAL EFFUSION, chemically induced/ POSTOPERATIVE COMPLICATIONS, prevention & control/ TIME FACTORS/ *WARFARIN, adverse effects/ WARFARIN, therapeutic use

2488. **Erhan S, Greller LD, Rasco B:** Symmetry patterns in trypsinogen. Int J Pept Protein Res 9(1):5–10, Jan 77
*AMINO ACID SEQUENCE/ AMINO ACIDS, isolation & purification/ ANIMAL/ BINDING SITES/ CATTLE/ CHEMISTRY/ CHYMOTRYPSINOGEN, analysis/ PANCREATOPEPTIDASE, analysis/ PEPTIDE FRAGMENTS, isolation & purification/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ *TRYPSINOGEN, analysis

2489. **Erhard W, Reichmann M, Delius W, et al:** Komplikationen nach Mitralklappenersatz im Langzeitverlauf.
Verh Dtsch Ges Inn Med 82 Pt 2:1082–4, 1976 **(Ger)**
ADULT/ GERMANY, WEST/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ *MITRAL VALVE, surgery/ PNEUMONIA, occurrence/ POSTOPERATIVE COMPLICATIONS/ THROMBOEMBOLISM, occurrence/ TIME FACTORS

2490. **Erichsen J:** Ergebnisse der Ulkuschirurgie im Alter
Zentralbl Chir 102(5):305–13, 1977 (Eng. Abstr.) **(Ger)**
AGE FACTORS/ AGED/ ANTIBIOTICS, administration & dosage/ ENGLISH ABSTRACT/ GASTRECTOMY/ GASTROENTEROSTOMY/ HEMORRHAGE, GASTROINTESTINAL, mortality/ HUMAN/ PEPTIC ULCER HEMORRHAGE, surgery/ PEPTIC ULCER PERFORATION, surgery/ *PEPTIC ULCER, surgery/ PERITONITIS, mortality/ POSTOPERATIVE COMPLICATIONS, mortality/ PREOPERATIVE CARE/ PROGNOSIS/ PULMONARY EMBOLISM, mortality/ VAGOTOMY

2491. **Erickson RP, Pickart L, Thaler MM:** Serum protein synthesis in mutant mice with abnormal hepatic endoplasmic reticulum. Cytobios 15(57):49–56, 1976
ALBINISM/ ALPHA FETOPROTEINS, biosynthesis/ ANIMAL/ *BLOOD PROTEINS, biosynthesis/ *CHROMOSOME ABERRATIONS/ *CHROMOSOME DELETION/ COMPARATIVE STUDY/ *ENDOPLASMIC RETICULUM, ultrastructure/ FIBRINOGEN, biosynthesis/ *LIVER, metabolism/ LIVER, ultrastructure/ MICE/ SERUM ALBUMIN, biosynthesis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2492. **Eriksson U, Lindberg AA:** Characterization of the enzymatic tail protein of bacteriophage P22. FEBS Lett 72(1):15–8, 15 Dec 76
AMINO ACIDS, analysis/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *SALMONELLA PHAGES, ultrastructure/ TRYPSIN/ *VIRAL PROTEINS

2493. **Ermolaev IuA:** Vliianie élektricheskogo razdrazheniia gipotalamusa na protsessa agregatsii krovianykh plastinok Fiziol Zh SSSR 62(8):1158–65, Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BRAIN MAPPING/ CHINCHILLAS/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, physiology/ *HYPOTHALAMUS, POSTERIOR, physiology/ MALE/ *PLATELET ADHESIVENESS/ *PLATELET AGGREGATION/ RABBITS/ TIME FACTORS

2494. **Ershov VN, Zemskov IuA:** Vostanovlenie bronkhial'noĭ prokhodimosti u bol'nykh tuberkulezom legkikh posle chastychnykh rezektsiĭ pod vliianiem proteoliticheskikh fermentov. Probl Tuberk (6):79–80, Jun 77 **(Rus)**
ADULT/ *BRONCHI/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ *PNEUMONECTOMY/ TUBERCULOSIS, PULMONARY, drug therapy/ *TUBERCULOSIS, PULMONARY, surgery

2495. **Ershova LIa, Il'ina TB, Vishnevskiĭ BI:** Vliianie proteoliticheskikh fermentov na mikobakterii i zolotistyĭ stafilokokk i ikh lekarstvennuiu ustoĭchivost'
Probl Tuberk (5):73–8, May 77 (Eng. Abstr.) **(Rus)**
DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ MUTATION, drug effects/ *MYCOBACTERIUM TUBERCULOSIS, drug effects/ PANCREATIN, pharmacodynamics/ PEPSIN, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ *STAPHYLOCOCCUS AUREUS, drug effects/ TRYPSIN, pharmacodynamics

2496. **Ertl HC, Koszinowski UH:** Modification of H-2 antigenic sites by enzymatic treatment influences virus-specific target cell lysis. J Immunol 117(6):2112–8, Dec 76
ANIMAL/ ANTIBODY SPECIFICITY/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ *IMMUNITY, CELLULAR/ LYMPHOCYTES, immunology/ MICE/ MICE, INBRED C3H/ *NEURAMINIDASE, pharmacodynamics/ *PAPAIN, pharmacodynamics/ *PRONASE, pharmacodynamics/ *TRYPSIN, pharmacodynamics/ *VACCINIA VIRUS, immunology/ VACCINIA, immunology

2497. **Erwin WJ, Granacher RP Jr:** New behavioral data concerning the autoerythrocyte sensitization syndrome. South Med J 70(7):876–8, Jul 77
ADULT/ *AUTOIMMUNE DISEASES, complications/ CASE REPORT/ *ERYTHROCYTES, immunology/ ERYTHROCYTES, ABNORMAL, immunology/ FEMALE/ HUMAN/ HYPNOSIS/ PERSONALITY/ *PURPURA, complications/ SYNDROME

2498. **Erzinkian KL, Nizhniĭ SV:** Issledovanie mekhanizma ingibirovaniia geparinom proteoliticheskogo deĭstviia tripsina na kazein Izv Akad Nauk SSSR [Biol] (1):54–8, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

*CASEIN/ CATALYSIS/ CHEMISTRY/ ENGLISH ABSTRACT/ *HEPARIN/ *TRYPSIN INHIBITORS

2499. **Escobar E:** Respuesta ventricular a distintos tipos de sobrecarga Rev Med Chil 104:554–63, Aug 76 (Eng. Abstr.) **(Spa)**
ACUTE DISEASE/ BLOOD VOLUME/ ENGLISH ABSTRACT/ EXERTION/ *HEART VENTRICLE, physiopathology/ *HEMODYNAMICS/ HUMAN/ *PULMONARY EMBOLISM, physiopathology

2500. **Esmon CT, Suttie JW:** Vitamin K-dependent carboxylase. Solubilization and properties. J Biol Chem 251(20):6238–43, 25 Oct 76
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL/ CARBOXY-LYASES, isolation & purification/ *CARBOXY-LYASES, metabolism/ ENZYME ACTIVATION/ KINETICS/ *LIVER, enzymology/ MAGNESIUM, pharmacodynamics/ OXYGEN CONSUMPTION/ PROTHROMBIN, metabolism/ RATS/ SOLUBILITY/ TRITONS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K DEFICIENCY, enzymology/ *VITAMIN K, pharmacodynamics/ VITAMIN K, analogs & derivatives/ WARFARIN, pharmacodynamics

2501. **Esnouf MP:** The blood clotting mechanism. Prog Clin Biol Res 5:69–84, 1976 (105 ref.)
ANIMAL/ BLOOD COAGULATION FACTORS, physiology/ *BLOOD COAGULATION/ FACTOR V, analysis/ FACTOR VIII, analysis/ FACTOR VII, physiology/ FACTOR X, analysis/ FIBRINOGEN, analysis/ HUMAN/ MOLECULAR WEIGHT/ PROTHROMBIN, analysis/ REVIEW

2502. **Esnouf MP, Prowse CV:** The gamma-carboxy glutamic acid content of human and bovine prothrombin following warfarin treatment. Biochim Biophys Acta 490(2):471–6, 22 Feb 77
AMINO ACID SEQUENCE/ ANIMAL/ BARIUM/ CATTLE/ COMPARATIVE STUDY/ *GLUTAMATES, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PEPTIDE FRAGMENTS/ *PROTHROMBIN/ PROTHROMBIN, physiology/ SPECIES SPECIFICITY/ *WARFARIN

2503. **Esposito L, Ferrara M, Indolfi P, et al:** Su alcuni aspetti della emocoagulazione nella thalassemia major Pediatria (Napoli) 84(3):432–40, 30 SEP 76 (Eng. Abstr.) **(Ita)**
BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ LIVER FUNCTION TESTS/ LIVER, metabolism/ *THALASSEMIA, blood

2504. **Esposito L, Ferrara M:** La policitemia vera nell'infanzia. Rilievi sulla funzionalità piastrinica e sui fattori plasmatici della coagulazione Pediatria (Napoli) 84(2):208–23, 30 Jun 76 (Eng. Abstr.) **(Ita)**
ALKALINE PHOSPHATASE, analysis/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD PLATELETS/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IRON, blood/ LEUKOCYTE COUNT/ LEUKOCYTES, enzymology/ *POLYCYTHEMIA VERA, blood/ URIC ACID, blood

2505. **Esposito L, Casale F, di Gennaro C:** Rilievi sulla sindrome da coagulazione intravascolare disseminata in corso di pancitopenia idiopatica Pediatria (Napoli) 84(1):75–83, 31 Mar 76 (Eng. Abstr.) **(Ita)**
CASE REPORT/ CHILD/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PANCYTOPENIA, complications/ SYNDROME

2506. **Esposito L, Di Tullio MT, Indolfi P:** Rilievi in tema di patogenesi e terapia della sindrome uremico-emolitica. Pediatria (Napoli) 85(1):61–72, 31 Mar 1977 (Eng. Abstr.) **(Ita)**
BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CASE REPORT/ COMPLEMENT, analysis/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ELECTROLYTES, blood/ ENGLISH ABSTRACT/ *HEMOLYTIC-UREMIC SYNDROME/ HEMOLYTIC-UREMIC SYNDROME, etiology/ HEMOLYTIC-UREMIC SYNDROME, therapy/ HUMAN/ INFANT/ MALE/ VIRUS DISEASES, complications

2507. **Esposito L, di Gennaro C:** Rilievi sul comportamento della emopessina nella leucemia acuta della infanzia in rapporto al profilo emocoagulativo. Pediatria (Napoli) 85(1):12–20, 31 Mar 1977 (Eng. Abstr.) **(Ita)**
BLOOD CELL COUNT/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION/ BLOOD PLATELETS/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ *HEMOPEXIN/ HEMOPEXIN, analysis/ HUMAN/ INFANT/ *LEUKEMIA, LYMPHOBLASTIC, blood/ LEUKEMIA, LYMPHOBLASTIC, complications

2508. **Esposito L, di Gennaro C, Ferrara M, et al:** Rilievi sulla sindrome da coagulazione intravascolare disseminata nella thalassemia major. Rapporti con le frazioni C'3 e C'4 del complemento. Pediatria (Napoli) 85(1):34–45, 31 Mar 1977 (Eng. Abstr.) **(Ita)**
*BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, analysis/ CHILD/ CHILD, PRESCHOOL/ *COMPLEMENT 3/ COMPLEMENT 3, analysis/ *COMPLEMENT 4/ COMPLEMENT 4, analysis/ *COMPLEMENT/ COMPLEMENT, analysis/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IMMUNOGLOBULINS, analysis/ INFANT/ MALE/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ THALASSEMIA, blood/ *THALASSEMIA, complications

2509. **Espuela R, Moreno M, Vela Navarrete R, et al:** Angiomiolipoma renal como manifestación única: un problema diagnóstico Rev Clin Esp 143(4):389–92, 30 Nov 76 **(Spa)**
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FOREIGN BODIES, radiography/ GRANULOMA, radiography/ *HEMANGIOMA, radiography/ HUMAN/ *KIDNEY NEOPLASMS, radiography/ KIDNEY/ *LIPOMA, radiography/ MALE

2510. **Esselinckx W, Doherty SM, Dixon AS:** Polymyalgia rheumatica. Abrupt and gradual withdrawal of prednisolone treatment, clinical and laboratory observations. Ann Rheum Dis 36(3):219–24, Jun 77
AGED/ BLOOD SEDIMENTATION/ BLOOD VISCOSITY, drug effects/ CLINICAL RESEARCH/ *DRUG WITHDRAWAL SYMPTOMS/ DRUG WITHDRAWAL SYMPTOMS, physiopathology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *POLYMYALGIA RHEUMATICA, drug therapy/ *PREDNISOLONE, administration & dosage/ PREDNISOLONE, therapeutic use

2511. **Essien EM, Okogun JI:** Effect of the root extract of Fagara zanthoxyloides on blood coagulation. Thromb Haemostas 36(3):525–31, 31 Dec 76
*BLOOD COAGULATION, drug effects/ CHRISTMAS DISEASE, blood/ HEMOPHILIA, blood/ HUMAN/ *PLANT EXTRACTS, pharmacodynamics

2512. **Essien EM, Ikede BO:** Coagulation defect in experimental trypanosomial infection. Haemostasis 5(6):341–7, 1976
ANIMAL/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ HORSES/ SHEEP/ TRYPANOSOMA BRUCEI/ *TRYPANOSOMIASIS, complications/ TRYPANOSOMIASIS, veterinary

2513. **Essien EM, Mustard JF:** Inhibition of platelet adhesion to rabbit aorta by sulphinpyrazone and acetylsalicylic acid. Atherosclerosis 27(1):89–95, May 77
ANIMAL/ *AORTA/ AORTA, ultrastructure/ *ASPIRIN, pharmacodynamics/ COLLAGEN,

pharmacodynamics/ MICROSCOPY, ELECTRON, SCANNING/ PERFUSION/ *PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ RABBITS/ *SULFINPYRAZONE, pharmacodynamics

2514. **Essioux H, Bensaude RJ, Cristau P, et al:** Les hématomes intramuraux du duodénum d'origine pancréatique (présentation de deux cas) Arch Fr Mal App Dig 65(4):271-5, Jun 76 (Eng. Abstr.) **(Fre)**
ADULT/ CASE REPORT/ *CHORISTOMA, complications/ *DUODENAL DISEASES, etiology/ *DUODENAL NEOPLASMS, complications/ ENGLISH ABSTRACT/ *HEMATOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *PANCREAS, abnormalities/ *PANCREATITIS, complications

2515. **Etherington DJ, Newman PB, Dainty RH, et al:** Purification and properties of the extracellular metallo-proteinases of Chromobacterium lividum (NCIB 10926).
Biochim Biophys Acta 445(3):739-52, 11 Oct 76
AMINO ACIDS, analysis/ BISMUTH, pharmacodynamics/ CALCIUM, pharmacodynamics/ CATIONS, DIVALENT/ *CHROMOBACTERIUM, enzymology/ DRUG STABILITY/ EDTA, pharmacodynamics/ EGTA, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IRON, pharmacodynamics/ KINETICS/ METALLOPROTEINS, isolation & purification/ *METALLOPROTEINS, metabolism/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PHENANTHROLINES, pharmacodynamics/ SPECIES SPECIFICITY/ TEMPERATURE

2516. **Etienne J, Grüber A, Polonovski J:** Activation in vivo des prophospholipases sanguines et artérielles par un activateur d'origine plaquettaire C R Soc Biol (Paris) 170(6):1159-65, 1976 (Eng. Abstr.) **(Fre)**
ANIMAL/ *BLOOD PLATELETS, metabolism/ CELL FRACTIONATION/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *ENZYME PRECURSORS/ MALE/ PHOSPHATIDYLETHANOLAMINES, metabolism/ *PHOSPHOLIPASE, blood/ RATS/ TIME FACTORS

2517. **Etlinger JD, Goldberg AL:** A soluble ATP-dependent proteolytic system responsible for the degradation of abnormal proteins in reticulocytes.
Proc Natl Acad Sci USA 74(1):54-8, Jan 77
*ADENOSINE TRIPHOSPHATE, blood/ ANIMAL/ *BLOOD PROTEINS, metabolism/ CELL-FREE SYSTEM/ GLOBIN, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, blood/ *PEPTIDES, blood/ PHENANTHROLINES, pharmacodynamics/ PUROMYCIN/ RABBITS/ RETICULOCYTES, enzymology/ *RETICULOCYTES, metabolism/ SOLUBILITY/ SULFHYDRYL REAGENTS, pharmacodynamics/ TOSYLPHENYLALANYL CHLOROMETHYL KETONE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VALINE, analogs & derivatives/ VALINE, blood

2518. **Evans AE, Bernstein I, Finklestein J, et al:** Methyl-CCNU for patients with previously treated metastatic neuroblastoma--a phase II study. Cancer Treat Rep 61(1):83-5, Jan-Feb 77
CHILD/ CLINICAL RESEARCH/ DRUG EVALUATION/ HUMAN/ NEOPLASM METASTASIS/ *NEUROBLASTOMA, drug therapy/ *NITROSOUREA COMPOUNDS, therapeutic use/ SEMUSTINE, adverse effects/ *SEMUSTINE, therapeutic use/ THROMBOPENIA, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2519. **Evans BE:** The use of epsilon-aminocaproic acid for the management of hemophilia in dental and oral surgery patients [letter]. J Am Dent Assoc 94(1):21, Jan 77
*AMINOCAPROIC ACIDS, therapeutic use/ *HEMOPHILIA, drug therapy/ HUMAN/ *MOUTH, surgery/ *TOOTH, surgery/ *6-AMINOCAPROIC ACID, therapeutic use

2520. **Evans BE:** Local hemostatic agents. NY J Dent 47(4):109-14, Apr 77
AGED/ ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION DISORDERS/ CASE REPORT/ COLLAGEN, therapeutic use/ GELFOAM, therapeutic use/ GINGIVAL DISEASES, surgery/ GRANULOMA, GIANT CELL, surgery/ HEMOPHILIA/ *HEMORRHAGE, ORAL, prevention & control/ HEMOSTATIC TECHNICS/ *HEMOSTATICS, therapeutic use/ HUMAN/ MALE/ *MOUTH, surgery/ TOOTH EXTRACTION

2521. **Evans BE:** Dental treatment for hemophiliacs: evaluation of dental program (1975-1976) at the Mount Sinai Hospital International Hemophilia Training Center.
Mt Sinai J Med NY 44(3):409-37, May-Jun 77
ADOLESCENCE/ ADULT/ COMPREHENSIVE DENTAL CARE/ *DENTAL CARE, methods/ EDUCATION, DENTAL/ EVALUATION STUDIES/ *HEMOPHILIA/ HUMAN/ PATIENT CARE TEAM

2522. **Evans HE, Bognacki NS, Perrott LM, et al:** Prevalence of of alpha 1-antitrypsin Pi types among newborn infants of different ethnic backgrounds. J Pediatr 90(4):621-4, Apr 77
ALLELES/ *ALPHA 1-ANTITRYPSIN/ CAUCASIAN RACE/ *ETHNIC GROUPS/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ *INFANT, NEWBORN/ NEGROID RACE/ NEW YORK CITY/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENOTYPE/ PROSPECTIVE STUDIES/ SPAIN, ethnology/ TRYPSIN INHIBITORS

2523. **Evans I, Bosmann HB:** Bromodeoxyuridine (BUdR) treatment of melanoma cells decreases cellular proteolytic activity. Exp Cell Res 108(1):151-5, Aug 77
*BROMODEOXYURIDINE, pharmacodynamics/ CELL DIVISION/ CELL LINE/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES, metabolism/ THYMIDINE, pharmacodynamics

2524. **Evans JN:** Laryngotracheoplasty.
Otolaryngol Clin North Am 10(1):119-23, Feb 77
*AIRWAY OBSTRUCTION, surgery/ CHILD/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ INTUBATION, INTRATRACHEAL/ LARYNGEAL NEOPLASMS, surgery/ LARYNGOSTENOSIS, etiology/ *LARYNGOSTENOSIS, surgery/ *LARYNX, surgery/ LENGTH OF STAY/ METHODS/ SILICONE ELASTOMERS/ SPLINTS/ TIME FACTORS/ *TRACHEA, surgery/ *TRACHEAL STENOSIS, surgery

2525. **Evans RJ, Austen DE:** Assay and characterization of the factor in porcine and bovine plasma which aggregates human platelets. Br J Haematol 36(1):117-26, May 77
ANIMAL/ ANTIGENS, analysis/ *CATTLE, blood/ FACTOR VIII, immunology/ *FACTOR VIII, physiology/ HUMAN/ METHODS/ *PLATELET AGGREGATION/ *SWINE, blood

2526. **Evatt BL, Spivak JL, Levin J:** Relationships between thrombopoiesis and erythropoiesis: with studies of the effects of preparations of thrombopoietin and erythropoietin. Blood 48(4):547-58, Oct 76
ANIMAL/ ANOXIA, blood/ *BLOOD PLATELETS, cytology/ BLOOD PLATELETS, metabolism/ CELL DIFFERENTIATION/ ERYTHROCYTES/ *ERYTHROPOIESIS/ ERYTHROPOIETIN, analysis/ *ERYTHROPOIETIN, pharmacodynamics/ ERYTHROPOIETIN, urine/ *GLYCOPROTEINS, pharmacodynamics/ HUMAN/ IRON RADIOISOTOPES/ MICE/ POLYCYTHEMIA, blood/ RABBITS/ SELENOMETHIONINE/ THROMBOPENIA, blood/ THROMBOPOIETIN, analysis/ *THROMBOPOIETIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2527. **Evatt BL:** Computerized calculation of platelet counts obtained with particle counters. Johns Hopkins Med J 141(3):163-6, Sep 77
*BLOOD CELL COUNT/ *BLOOD PLATELETS/ *COMPUTERS/ HUMAN/ MATHEMATICS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED

STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2528. **Evdokimova AI, Frizen VG:** Tiazheloe techenie gemofilii v sochetanii s gipoplasticheskoĭ anemieĭ
Vopr Okhr Materin Det 21(4):84–6, Apr 76 **(Rus)**
ANEMIA, APLASTIC, blood/ *ANEMIA, APLASTIC, complications/ CASE REPORT/ CHILD/ HEMOPHILIA, blood/ *HEMOPHILIA, complications/ HUMAN/ MALE

2529. **Evdoshchenko EA, Lekareva NIa:** Teflonovyĭ drenazh v kompleksnom lechenii ostrogo i khronicheskogo gaĭmorita u deteĭ Zh Vyssh Nerv Deiat 26(4):7–13, Jun–Aug 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ANTIBIOTICS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ DRAINAGE, instrumentation/ ENGLISH ABSTRACT/ ETHMOID SINUS/ HUMAN/ INFANT/ *MAXILLARY SINUS/ PEPTIDE HYDROLASES, therapeutic use/ POLYTETRAFLUOROETHYLENE/ SINUSITIS, drug therapy/ *SINUSITIS, therapy

2530. **Evenberg A, Meyer H, Gaastra W, et al:** Amino acid sequence of phospholipase A2 from horse pancreas.
J Biol Chem 252(4):1189–96, 25 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ HORSES/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ *PANCREAS, enzymology/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ *PHOSPHOLIPASE

2531. **Everberg G, Henrichsen J, Gormsen J:** Plasma coagulation in myringoplasty and fascialis transplantation [letter].
Lancet 1(8024):1257–8, 11 Jun 77
*FASCIA, transplantation/ *HEMOSTASIS, drug effects/ HUMAN/ *MYRINGOPLASTY/ TRANEXAMIC ACID, pharmacodynamics/ TRANSPLANTATION, AUTOLOGOUS

2532. **Eveson JW, Campbell HD:** Central haemangioma of an edentulous mandible. Br J Oral Surg 14(3):240–4, Mar 77
ADULT/ CASE REPORT/ *HEMANGIOMA, pathology/ HUMAN/ MALE/ *MANDIBULAR NEOPLASMS, pathology/ *MOUTH, EDENTULOUS

2533. **Ewald DA:** Potentiation of postjunctional cholinergic sensitivity of rat diaphragm muscle by high-energy-phosphate adenine nucleotides.
J Membr Biol 29(1–2):47–65, 20 Oct 76
*ACETYLCHOLINE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL/ CALCIUM, pharmacodynamics/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ DIAPHRAGM/ GUANOSINE TRIPHOSPHATE, pharmacodynamics/ *MEMBRANE POTENTIALS, drug effects/ *MUSCLE, SMOOTH, drug effects/ *NEUROMUSCULAR JUNCTION, drug effects/ PEPTIDE HYDROLASES, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ URACIL NUCLEOTIDES, pharmacodynamics

2534. **Exner T, Rickard KA:** The activation of prothrombin complex concentrates by calcium in vitro.
Biomedicine [Express] 27(2):62–5, Mar 77
BLOOD COAGULATION TESTS/ *CALCIUM, pharmacodynamics/ CITRATES, pharmacodynamics/ COMPARATIVE STUDY/ HEMOPHILIA, blood/ HUMAN/ IN VITRO/ *PROTHROMBIN, metabolism/ STIMULATION, CHEMICAL/ THROMBIN, biosynthesis/ THROMBIN, pharmacodynamics

2535. **Exner T, Rickard KA, Speers S:** Factor VIII deficient plasma for laboratory tests prepared from normal plasma and a human antibody. Haemostasis 6(3):157–62, 1977
ADULT/ ANTIBODIES/ BLOOD COAGULATION TESTS/ *FACTOR VIII/ HEMOPHILIA, diagnosis/ HUMAN/ MALE/ *PLASMA/ THROMBOPLASTIN, analysis/ TIME FACTORS

2536. **Eyskens E:** Chirurgische therapeutische mogelijkheden bij hoge gastro-intestinale bloedingen
Tijdschr Gastroenterol 29(5):347–59, 1976 **(Dut)**
BLOOD TRANSFUSION/ DUODENAL ULCER, complications/ DUODENAL ULCER, surgery/ ESOPHAGEAL VARICES, complications/ GASTRECTOMY/ *HEMORRHAGE, GASTROINTESTINAL, surgery/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HEMOSTASIS/ HUMAN/ STOMACH ULCER, complications/ STOMACH ULCER, surgery/ VAGOTOMY

2537. **Eyster ME, Ladda RL, Bowman HS:** Carriers with excessively low factor VIII procoagulant activity (VIII AHF): a study of two unrelated families with mild hemophilia A. Blood 49(4):607–18, Apr 77
ADULT/ BLOOD TRANSFUSION/ CELL SURVIVAL/ ESTROGENS, therapeutic use/ *FACTOR VIII, analysis/ FEMALE/ *HEMOPHILIA, familial & genetic/ HUMAN/ PEDIGREE/ PROGESTERONE, therapeutic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UTERINE HEMORRHAGE, therapy

2538. **Eyster ME, Bowman HS, Haverstick JN:** Adverse reactions to factor VIII infusions [letter] Ann Intern Med 87(2):248, Aug 77
ANAPHYLAXIS, etiology/ FACTOR VIII, administration & dosage/ *FACTOR VIII, adverse effects/ HUMAN/ INFUSIONS, PARENTERAL

F

2539. **Faber V:** Wiscott-Aldrich syndrom. Ugeskr Laeger 139(28):1671, 11 Jul 77 **(Dan)**
*ALDRICH SYNDROME/ HUMAN

2540. **Fabris C, Casari MG, Cantarini G, et al:** La tolleranza all'eparina in rapporto all'età ed alla presenza di amiloidosi
Arch Sci Med (Torino) 133(4):387–98, Oct–Dec 76 (Eng. Abstr.) **(Ita)**
ADULT/ AGE FACTORS/ AMYLOIDOSIS, blood/ *AMYLOIDOSIS, diagnosis/ ARTHRITIS, RHEUMATOID, blood/ BLOOD COAGULATION TESTS, methods/ DRUG TOLERANCE/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, diagnostic use/ HUMAN/ HYPERGAMMAGLOBULINEMIA, blood/ MALE/ MIDDLE AGE/ MULTIPLE MYELOMA, blood

2541. **Faergeman O, Gormsen J, Meinertz H:** Anti-platelet drugs and portacaval anastomosis for homozygous hypercholesterolaemia [letter]. Lancet 2(8000):1416, 25 Dec 76
ADOLESCENCE/ ADULT/ ASPIRIN, therapeutic use/ CASE REPORT/ CHILD/ DIPYRIDAMOLE, therapeutic use/ FEMALE/ HOMOZYGOTE/ HUMAN/ *HYPERCHOLESTEREMIA, blood/ HYPERCHOLESTEREMIA, familial & genetic/ HYPERCHOLESTEREMIA, therapy/ MALE/ *PLATELET AGGREGATION/ *PORTACAVAL ANASTOMOSIS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOSIS, prevention & control

2542. **Fagiolo E:** Platelet and leukocyte antibodies in autoimmune hemolytic anemia. Acta Haematol (Basel) 56(2):97–106, 1976
ADULT/ AGED/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, complications/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, immunology/ *BLOOD PLATELETS, immunology/ CELL MEMBRANE, immunology/ ERYTHROCYTES, immunology/ FEMALE/ HUMAN/ *ISOANTIBODIES/ *LEUKOCYTES, immunology/ LEUKOPENIA, complications/ MALE/ MIDDLE AGE/ THROMBOPENIA, complications

2543. **Fair BD, Saito H, Ratnoff OD, et al:** Detection by fluorescence of structural changes accompanying the activation of Hageman factor (factor XII).
Proc Soc Exp Biol Med 155(2):199–202, Jun 77
BENZENE DERIVATIVES/ ELLAGIC ACID/ ENZYME ACTIVATION/ *FACTOR XII, metabolism/ FLUORESCENT DYES/ HUMAN/

POLYENES/ PROTEIN CONFORMATION/ SPECTROMETRY, FLUORESCENCE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2544. **Fairley KF, Adey FD, Ross IC, et al:** Heparin treatment in severe preeclampsia and glomerulonephritis in pregnancy. Perspect Nephrol Hypertens 5:103–12, 1976
DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, pathology/ *HEPARIN, therapeutic use/ HUMAN/ KIDNEY, pathology/ PRE-ECLAMPSIA, complications/ *PRE-ECLAMPSIA, drug therapy/ PRE-ECLAMPSIA, pathology/ *PREGNANCY COMPLICATIONS, drug therapy/ PREGNANCY COMPLICATIONS, pathology/ *PREGNANCY TOXEMIAS, drug therapy/ PREGNANCY/ PUERPERAL DISORDERS, complications/ PYELONEPHRITIS, complications/ PYELONEPHRITIS, drug therapy

2545. **Faivre J, Boisseau M:** Étio-pathogénie de la thrombose hémorroïdaire Arch Fr Mal App Dig 65(7):551–63, Oct–Nov 76 (Eng. Abstr.) **(Fre)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HEMODYNAMICS/ *HEMORRHOIDS, complications/ HEMORRHOIDS, pathology/ HEMORRHOIDS, physiopathology/ HUMAN/ MALE/ MIDDLE AGE/ PREGNANCY/ RECTUM, pathology/ *THROMBOSIS, etiology/ THROMBOSIS, pathology/ THROMBOSIS, physiopathology

2546. **Fantini F:** I mediatori dell'infiammazione Reumatismo 28(2):71–105, Apr–Jun 77 (98 ref.) (Eng. Abstr.) **(Ita)**
ANIMAL/ ANTIGENS, analysis/ BLOOD COAGULATION FACTORS, biosynthesis/ COMPLEMENT, biosynthesis/ ENGLISH ABSTRACT/ ENZYMES, biosynthesis/ HISTAMINE, metabolism/ HUMAN/ *INFLAMMATION/ INFLAMMATION, etiology/ INFLAMMATION, immunology/ INFLAMMATION, metabolism/ KININS, metabolism/ LYMPHOKINES, metabolism/ PLATELET AGGREGATION/ PROPERDIN, metabolism/ PROSTAGLANDINS, biosynthesis/ REVIEW/ SEROTONIN, metabolism/ SLOW-REACTING SUBSTANCES, metabolism

2547. **Faraci RM, Westcott JL:** Dissecting hematoma of the aorta secondary to blunt chest trauma. Radiology 123(3):569–74, Jun 77
ADOLESCENCE/ AGED/ *AORTIC DISEASES, etiology/ AORTIC DISEASES, radiography/ AORTIC RUPTURE, etiology/ AORTIC RUPTURE, radiography/ CASE REPORT/ FEMALE/ *HEMATOMA, etiology/ HEMATOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ *THORACIC INJURIES, complications/ THORACIC INJURIES, radiography/ WOUNDS, NONPENETRATING

2548. **Farb RM, Mego JL:** Further evidence for a proton pump in phagolysosomes and the involvement of lysosomes in protein turnover. p. 396.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
ANIMAL/ IODOPROTEINS, metabolism/ KIDNEY, metabolism/ KINETICS/ LIVER, metabolism/ *LYSOSOMES, metabolism/ MICE/ MONOGRAPH/ PEPTIDE HYDROLASES, metabolism/ PRONASE, metabolism/ *PROTEINS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2549. **Farber MA, Grents NI, Fomina ZN:** O klinicheskoĭ kartine i diagnostike ostrykh narusheniĭ venoznogo krovoobrashcheniia golovnogo mozga.
Zh Nevropatol Psikhiatr 77(5):662–6, 1977 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ CASE REPORT/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ *CRANIAL SINUSES/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ PREGNANCY/ PUERPERAL DISORDERS, diagnosis/ *THROMBOPHLEBITIS, diagnosis

2550. **Farid NR, Griffiths BL, Collins JR, et al:** Blood coagulation and fibrinolysis in thyroid disease. Thromb Haemostas 35(2):415–22, 30 Apr 76
AUTOANTIBODIES, analysis/ *BLOOD COAGULATION/ FACTOR VIII, analysis/ *FIBRINOLYSIS/ GOITER, EXOPHTHALMIC, blood/ HL-A, analysis/ HUMAN/ HYPOTHYROIDISM, blood/ PLASMINOGEN ACTIVATORS, analysis/ *THYROID DISEASES, blood/ THYROID DISEASES, immunology/ THYROID GLAND, immunology/ THYROXINE, blood

2551. **Farkhutdinov RG, Ibragimov RM:** Nasledstvennaia gemorragicheskaia trombotsitoasteniia Sov Med (8):74–7, AUG 76 **(Rus)**
ADENOSINE TRIPHOSPHATE, therapeutic use/ ADULT/ CASE REPORT/ CLOT RETRACTION/ FEMALE/ HEMORRHAGIC THROMBOCYTHEMIA, blood/ HEMORRHAGIC THROMBOCYTHEMIA, drug therapy/ *HEMORRHAGIC THROMBOCYTHEMIA, familial & genetic/ HUMAN/ MALE/ MIDDLE AGE

2552. **Farlow GE:** Differences in the infectivity of Babesia incubated in plasma and serum and the role of glucose in prolonging viability. Int J Parasitol 6(6):513–6, Dec 76
ANIMAL/ BABESIA, physiology/ *BABESIA, pathogenicity/ BLOOD PLATELETS/ BLOOD SUGAR, analysis/ BLOOD/ CATTLE/ ERYTHROCYTES, parasitology/ FIBRINOGEN, pharmacodynamics/ *GLUCOSE, pharmacodynamics/ LACTATES, blood/ MICE/ MICE, INBRED CBA/ PLASMA/ RATS/ RATS, INBRED LEW

2553. **Farriaux JP, Ribet M, Lebecq MF, et al:** Traitement de l'hypercholestérolémie familiale de type ii par anastomose porto-cave Nouv Presse Med 5(34):2219–21, 16 Oct 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ CASE REPORT/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERLIPEMIA, ESSENTIAL FAMILIAL, therapy/ MALE/ *PORTACAVAL ANASTOMOSIS/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ THROMBOSIS, etiology

2554. **Farriaux JP, Ribet M, Bertrand M, et al:** Traitement de l'hypercholestérolémie familiale de type II par shunt porto-cave Arch Fr Pediatr 33(8):745–59, Oct 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HOMOZYGOTE/ HUMAN/ *HYPERCHOLESTEREMIA, therapy/ *HYPERLIPEMIA, ESSENTIAL FAMILIAL, therapy/ *LIPOPROTEINS, LDL, blood/ MALE/ PARENTERAL FEEDING/ *PORTACAVAL ANASTOMOSIS/ POSTOPERATIVE COMPLICATIONS/ THROMBOSIS/ XANTHOMATOSIS, therapy

2555. **Fasco MJ, Piper LJ, Kaminsky LS:** Biochemical applications of a quantitative high-pressure liquid chromatographic assay of warfarin and its metabolites. J Chromatogr 131:365–73, 21 Jan 77
ANIMAL/ CHROMATOGRAPHY, HIGH SPEED LIQUID/ IN VITRO/ MALE/ METHODS/ MICROSOMES, LIVER, analysis/ MICROSOMES, LIVER, metabolism/ RATS/ STEREOISOMERS/ WARFARIN, analysis/ WARFARIN, blood/ *WARFARIN, metabolism

2556. **Fasco MJ, Piper LJ, Kaminsky LS:** Binding of R and S warfarin to hepatic microsomal cytochrome P-450. Arch Biochem Biophys 182(2):379–89, Aug 77
ANIMAL/ CIRCULAR DICHROISM/ *CYTOCHROME P-450, metabolism/ MALE/ METHYLCHOLANTHRENE, pharmacodynamics/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ PHENOBARBITAL, pharmacodynamics/ RATS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, metabolism

2557. **Fasth S, Hultén L, Johnson BJ, et al:** Changes in the kinin system in cat colon during the atropine-resistant response to pelvic nerve stimulation [proceedings].
J Physiol (Lond) 265(1):56P-57P, Feb 77
ANIMAL/ CATS/ *COLON, metabolism/ KALLIKREIN, metabolism/ KININOGENS, blood/ KININOGENS, metabolism/ *KININS, metabolism/ PELVIS, innervation

2558. **Faulk WP, Johnson PM:** Immunological studies of human placentae: identification and distribution of proteins in mature chorionic villi. Clin Exp Immunol 27(2):365-75, Feb 77
ACTIN, immunology/ ANTIGENS, analysis/ BASEMENT MEMBRANE, immunology/ CHORION, immunology/ COMPLEMENT 3/ FEMALE/ FIBRIN/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IGG/ *PLACENTA, immunology/ PREGNANCY/ *PROTEINS, analysis/ TROPHOBLAST, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2559. **Fauvel F, Legrand Y, Lebret M, et al:** Two simple methods for the quantitative evaluation of platelet adhesion to collagen. Pathol Biol (Paris) 24 Suppl:70-3, Dec 76
CARBON RADIOISOTOPES, diagnostic use/ CELL COUNT/ CENTRIFUGATION/ CHROMATOGRAPHY, GEL/ *COLLAGEN, physiology/ FICOLL/ HUMAN/ METHODS/ *PLATELET ADHESIVENESS/ SEPHAROSE/ SEROTONIN, metabolism

2560. **Fayat G, Fromant M, Blanquet S:** Couplings between the sites for methionine and adenosine 5'-triphosphate in the amino acid activation reaction catalyzed by trypsin-modified methionyl-transfer RNA synthetase from Escherichia coli. Biochemistry 16(11):2570-9, 31 May 77
ADENOSINE DIPHOSPHATE/ ADENOSINE MONOPHOSPHATE/ *ADENOSINE TRIPHOSPHATE, metabolism/ ADENOSINE/ *AMINO ACYL T RNA SYNTHETASES, metabolism/ CHEMISTRY/ DIALYSIS/ *ESCHERICHIA COLI, enzymology/ KINETICS/ METHIONINE, analogs & derivatives/ *METHIONINE, metabolism/ *METHIONYL T RNA SYNTHETASE, metabolism/ PYROPHOSPHATES/ SPECTROMETRY, FLUORESCENCE/ TRYPSIN

2561. **Fayek KI, Foda MS, Naggar MR:** Production physiology and properties of a novel fungal fibrinolytic enzyme. Z Allg Mikrobiol 16(6):417-23, 1976
CASEIN, metabolism/ COPPER, pharmacodynamics/ FIBRIN, metabolism/ FIBRINOLYSIS/ *FUSARIUM, enzymology/ FUSARIUM, metabolism/ GELATIN, metabolism/ HYDROGEN-ION CONCENTRATION/ NITRATES, metabolism/ OVALBUMIN, metabolism/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ PHOSPHATES, metabolism/ SERUM ALBUMIN, BOVINE, metabolism/ TEMPERATURE

2562. **Fayemi AO, Deppisch LM:** Coronary embolism and myocardial infarction associated with nonbacterial thrombotic endocarditis. Am J Clin Pathol 68(3):393-6, Sep 77
ADULT/ AGED/ CASE REPORT/ *CORONARY DISEASE, complications/ CORONARY DISEASE, diagnosis/ DIAGNOSTIC ERRORS/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *EMBOLISM, complications/ EMBOLISM, diagnosis/ *ENDOCARDITIS, complications/ ENDOCARDITIS, diagnosis/ ENDOCARDITIS, pathology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, diagnosis/ MYOCARDIUM, pathology/ NEOPLASM METASTASIS/ NEOPLASMS, complications

2563. **Fazle Hussain AK:** Mechanics of pulsatile flows of relevance to the cardiovascular system. pp. 541-632.
In: Hwang NH, Normann NA, ed. Cardiovascular flow dynamics and measurements. Baltimore, Univ Park Press, 1977. WG 106 N111c 1975.
ADULT/ BIOMECHANICS/ *BLOOD CIRCULATION/ BLOOD VISCOSITY/ *CARDIOVASCULAR SYSTEM, physiology/ HUMAN/ MALE/ MITRAL VALVE, physiology/ MONOGRAPH/ PRESSURE/ *RHEOLOGY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2564. **Feddersen JC, Gormsen J:** gamma-dimerization, alpha-polymerization, and plasmin degradation of human fibrin. Effect of various inhibitors of factor XIII on the patterns in SDS-electrophoresis and crossed immunoelectrophoresis. Thromb Haemostas 36(1):27-36, 31 Aug 76
ANIMAL/ CATTLE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR XIII, antagonists & inhibitors/ *FIBRIN, metabolism/ FIBRINOLYSIN/ HUMAN/ IMMUNOELECTROPHORESIS/ POLYMERS/ SODIUM DODECYL SULFATE/ SWINE

2565. **Federman J, Anderson ST, Rosengarten DS, et al:** Pulmonary embolism secondary to anomalies of deep venous system of the leg. Br Heart J 39(5):547-52, May 77
ADULT/ FEMALE/ *FEMORAL VEIN, abnormalities/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ *POPLITEAL VEIN, abnormalities/ *PULMONARY EMBOLISM, etiology/ *THROMBOPHLEBITIS, complications

2566. **Fedorko ME:** The functional capacity of guinea pig megakaryocytes. II. The uptake of particles and macromolecules and the effect of rabbit antiguinea pig platelet antiserum. Lab Invest 36(3):321-8, Mar 77
ACID PHOSPHATASE, metabolism/ ANIMAL/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ COMPLEMENT/ ERYTHROCYTES/ GUINEA PIGS/ HORSERADISH PEROXIDASE/ IMMUNE SERUMS, isolation & purification/ *IMMUNE SERUMS, pharmacodynamics/ IMMUNOLOGIC TECHNICS/ LATEX PARTICLES/ MEGAKARYOCYTES, enzymology/ *MEGAKARYOCYTES, physiology/ MEGAKARYOCYTES, ultrastructure/ MICROCOCCUS/ MICROSCOPY, ELECTRON/ *PHAGOCYTOSIS/ *PINOCYTOSIS/ SEROTONIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2567. **Fedorko ME:** The functional capacity of guinea pig megakaryocytes. I. Uptake of 3H-serotonin by megakaryocytes and their physiologic and morphologic response to stimuli for the platelet release reaction. Lab Invest 36(3):310-20, Mar 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ AUTORADIOGRAPHY/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ COLD/ CYTOPLASMIC GRANULES, ultrastructure/ DIMETHYL SULFOXIDE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ GUINEA PIGS/ IMIPRAMINE, pharmacodynamics/ IONOPHORES, pharmacodynamics/ MEGAKARYOCYTES, drug effects/ MEGAKARYOCYTES, metabolism/ *MEGAKARYOCYTES, physiology/ MEGAKARYOCYTES, ultrastructure/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ RESERPINE, pharmacodynamics/ *SEROTONIN, metabolism/ THROMBIN, pharmacodynamics/ TRITIUM/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2568. **Fedorova LI, Agranenko VA, Poliakova LP, et al:** Khranenie éritrotsitov v parakh zhidkogo azota
Probl Gematol Pereliv Krovi 22(3):50-2, Mar 77 **(Rus)**
BLOOD PRESERVATION, instrumentation/ *BLOOD PRESERVATION, methods/ COMPARATIVE STUDY/ *ERYTHROCYTES/ ERYTHROCYTES, physiology/ HUMAN/ NITROGEN/ TIME FACTORS

2569. **Fedorova ZD, Odesskaia TA, Neplokh EG, et al:** Avtomaticheskaia registratsiia aggregatsii trombotsitov.
Nov Med Tekh (3):58-60, 1976 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION TESTS,

instrumentation/ BLOOD PLATELET DISORDERS, diagnosis/ ENGLISH ABSTRACT/ HUMAN/ *PLATELET AGGREGATION

2570. **Fedosov EA:** Razvitie reaktsii transplantat protiv khoziaina i ee vliianie ne beremennost' u mysheĭ posle vvedeniia geparina Biull Eksp Biol Med 83(3):312–5, Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ ENGLISH ABSTRACT/ FEMALE/ *GRAFT VS HOST REACTION, drug effects/ *HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HOMOLOGOUS WASTING DISEASE, prevention & control/ HYBRIDIZATION/ IMMUNOSUPPRESSIVE AGENTS/ *LYMPHOCYTES, transplantation/ MICE/ MICE, INBRED CBA/ MICE, INBRED C57BL/ *PREGNANCY, ANIMAL/ TRANSPLANTATION, HOMOLOGOUS

2571. **Fedotov VK, Poleshchuk VV:** Vozmozhnoe vliianie travmy na razvitie gemangiomy u deteĭ. Vestn Khir 119(7):96–8, Jul 77 **(Rus)**
ADOLESCENCE/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ *CLAVICLE, injuries/ FEMALE/ *HEMANGIOMA, etiology/ HEMANGIOMA, surgery/ HUMAN/ INFANT

2572. **Feeley TW:** Re-establishment of radial-artery patency for arterial monitoring. Anesthesiology 46(1):73–5, Jan 77
AGED/ ARTERIES/ *CATHETERIZATION/ CATHETERIZATION, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ *MONITORING SYSTEMS/ THROMBOSIS, etiology/ *WRIST, blood supply

2573. **Fehlhammer H, Bode W, Huber R:** Crystal structure of bovine trypsinogen at 1–8 A resolution. II. Crystallographic refinement, refined crystal structure and comparison with bovine trypsin. J Mol Biol 111(4):415–38, 25 Apr 77
AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CATTLE/ CHEMISTRY/ COMPARATIVE STUDY/ CRYSTALLOGRAPHY/ MODELS, STRUCTURAL/ TRYPSIN/ *TRYPSINOGEN

2574. **Fehr K, Artmann G, Velvart M, et al:** Cathepsin D agglutinators and neutral protease agglutinators in rheumatoid arthritis. II. Production of CDA and NPA by rheumatoid synovium and phagocytosis of CDA by synovial phagocytic cells. Arthritis Rheum 20(6):1240–8, Jul-Aug 77
*AGGLUTININS/ ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ *ARTHRITIS, RHEUMATOID, immunology/ ARTHRITIS, RHEUMATOID, metabolism/ CATHEPSIN, biosynthesis/ *CATHEPSIN, immunology/ CHROMATOGRAPHY/ ERYTHROCYTES, immunology/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IGG, metabolism/ IMMUNOGLOBULIN FRAGMENTS, biosynthesis/ IMMUNOGLOBULINS, FAB/ PEPSIN, biosynthesis/ PEPSIN, immunology/ *PEPTIDE HYDROLASES, immunology/ PHAGOCYTES, physiology/ *PHAGOCYTOSIS/ PLASMA CELLS, metabolism/ RHEUMATOID FACTOR, analysis/ STAINS AND STAINING/ *SYNOVIAL MEMBRANE, metabolism/ TISSUE CULTURE/ VACUOLES, ultrastructure

2575. **Feichter GE:** Komplikationen nach Interruptio Hospitalisierung wegen früher Post-abortum-Morbidität nach freiwilligen Schwangerschaftsbruch Fortschr Med 94(16):965–7, 3 Jun 76 **(Ger)**
*ABORTION, complications/ *ABORTION, INDUCED, adverse effects/ BLOOD COAGULATION DISORDERS, etiology/ CERVIX DISEASES, surgery/ ENDOMETRITIS, etiology/ FEMALE/ FEVER, etiology/ GERMANY, WEST/ HUMAN/ LEGISLATION, MEDICAL/ OLIGURIA, etiology/ PREGNANCY/ RUPTURE/ UTERINE HEMORRHAGE, etiology

2576. **Feĭgina LN, Pateiuk VG, Poluliakhova AP:** K obosnovaniiu geparino- i fibrinolizinoterapii pri stenoziruiushchikh fibrinozno-gnoinykh i iazvenno-nekroticheskikh laringotrakheobronkhitakh Zh Ushn Nos Gorl Bolezn (6):55–8, 1976 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ *BRONCHITIS, drug therapy/ CHILD/ CHILD, PRESCHOOL/ CONSTRICTION, PATHOLOGIC/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ INFANT/ *LARYNGITIS, drug therapy/ NECROSIS/ *TRACHEITIS, drug therapy/ ULCER, drug therapy

2577. **Feijen J:** Compatibility of foreign surfaces. Comment. p. 319.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.
*BIOCOMPATIBLE MATERIALS/ CHEMISTRY/ HUMAN/ IN VITRO/ MONOGRAPH/ OXYGENATORS, MEMBRANE/ THROMBOSIS, prevention & control

2578. **Feine R, Belmaker RH, Rimon R, et al:** Platelet monoamine oxidase in women with premenstrual syndrome. Neuropsychobiology 3(2–3):105–10, 1977
ADULT/ *BLOOD PLATELETS, enzymology/ CATECHOL METHYLTRANSFERASE, blood/ ERYTHROCYTES, enzymology/ FEMALE/ HUMAN/ MENSTRUATION/ *MONOAMINE OXIDASE, blood/ PREMENSTRUAL TENSION, blood/ *PREMENSTRUAL TENSION, enzymology

2579. **Feine U:** Zeitschriften-Ubersicht Dtsch Med Wochenschr 102(23):879, 10 Jun 77 **(Ger)**
DIAGNOSIS, DIFFERENTIAL/ HUMAN/ PNEUMONIA, diagnosis/ *PULMONARY EMBOLISM, diagnosis/ RADIONUCLIDE IMAGING

2580. **Feiner A, Roche-Sicot J, Benhamou JP:** Wilson's disease: disseminated intravascular coagulation? Ann Intern Med 86(6):831, Jun 77
*DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ HUMAN

2581. **Feinman RD, Li EH:** Interaction of heparin with thrombin and antithrombin III. Fed Proc 36(1):51–5, Jan 77
AFFINITY LABELS/ *ANTITHROMBINS, metabolism/ BINDING SITES/ *HEPARIN, metabolism/ KINETICS/ MODELS, BIOLOGICAL/ PROTEIN CONFORMATION/ *THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2582. **Feinman RD, Lubowsky J, Charo I, et al:** The lumi-aggregometer: a new instrument for simultaneous measurement of secretion and aggregation by platelets. J Lab Clin Med 90(1):125–9, Jul 77
ADENOSINE TRIPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, secretion/ *BLOOD PLATELETS, secretion/ *CYTOLOGY, instrumentation/ IN VITRO/ LIGHT/ LUMINESCENCE/ *PLATELET AGGREGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2583. **Feinstein MB, Henderson EG, Sha'afi RI:** The effects of alterations of transmembrane Na+ and K+ gradients by ionophores (nigericin, monensin) on serotonin transport in human blood platelets. Biochim Biophys Acta 468(2):284–95, 14 Jul 77
ADENOSINE TRIPHOSPHATE, blood/ *ANTIBIOTICS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CALCIUM, blood/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ CELLS, CULTURED/ *FURANS, pharmacodynamics/ GLUCURONIDASE, blood/ HUMAN/ *IONOPHORES/ *MONENSIN, pharmacodynamics/ *NIGERICIN, pharmacodynamics/ *POTASSIUM, blood/ *SEROTONIN, blood/ *SODIUM, blood

2584. **Feinstein PA, Habermann ET:** Selecting and preparing patients for total hip replacement. Geriatrics 32(7):91–6, Jul 77
AGED/ ANTICOAGULANTS, therapeutic use/ ARTHRITIS, RHEUMATOID, surgery/ ARTHROPLASTY/ ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ DEXTRAN, therapeutic

use/ FOLLOW-UP STUDIES/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS/ OSTEOARTHRITIS, surgery/ POSTOPERATIVE COMPLICATIONS, prevention & control/ SPONDYLITIS, ANKYLOSING, surgery/ VITAMIN K, antagonists & inhibitors/ WARFARIN, therapeutic use

2585. **Fekete LF, Bick RL:** Laboratory modalities for assessing hemostasis during cardiopulmonary bypass. Semin Thromb Hemostas 3(2):83–9, Oct 76
ANTITHROMBINS, analysis/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ *CARDIOPULMONARY BYPASS, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOLYSIN, analysis/ FIBRINOLYSIS/ *HEMORRHAGE, diagnosis/ *HEMOSTASIS/ HEPARIN, analysis/ HUMAN/ PLASMINOGEN, analysis/ PROTAMINES, diagnostic use/ THROMBIN, analysis/ THROMBOPLASTIN, analysis

2586. **Fekete M, Kovács M, Tollas G:** The circumstances of freezing in the freeze-drying process of haemoderivatives. Ann Immunol Hung 18:229–36, 1975
*BLOOD PRESERVATION/ CRYSTALLINS, metabolism/ FREEZE DRYING/ FREEZING/ HEATING/ HUMAN/ *IMMUNOGLOBULINS, metabolism/ *SERUM ALBUMIN, metabolism

2587. **Feldman JM, Roche J:** Effect of oral contraceptives on platelet monoamine oxidase, monoamine excretion, and adrenocortical function. Clin Pharmacol Ther 20(6):670–5, Dec 76
ADRENAL CORTEX HORMONES, urine/ *ADRENAL CORTEX, drug effects/ ADRENAL CORTEX, physiology/ *ADRENAL GLANDS, drug effects/ ADULT/ BIOGENIC AMINES, blood/ *BIOGENIC AMINES, urine/ *BLOOD PLATELETS, enzymology/ COMPARATIVE STUDY/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ *MONOAMINE OXIDASE, blood/ PREGNANCY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2588. **Feldman JM, Roche J:** Effect of hyper- and hypothyroidism on platelet monoamine oxidase activity and serotonin metabolism. Metabolism 26(6):657–64, Jun 77
ADULT/ AGED/ *BLOOD PLATELETS, enzymology/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ HYDROXYINDOLEACETIC ACID, urine/ HYPERTHYROIDISM, enzymology/ *HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, enzymology/ *HYPOTHYROIDISM, metabolism/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ SEROTONIN, blood/ *SEROTONIN, metabolism/ SEROTONIN, urine/ TRYPTAMINES, urine/ TYRAMINE, urine/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2589. **Feldmann G, Guillouzo A, Maurice M, et al:** Depressed secretion of plasma proteins synthesized by the liver: an ultrastructural investigation based on immunoperoxidase. pp. 379–94.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.
ADULT/ ALPHA 1-ANTITRYPSIN, deficiency/ ANIMAL/ ANIMALS, NEWBORN/ BIOPSY/ *BLOOD PROTEINS, biosynthesis/ BLOOD PROTEINS, secretion/ CHILD/ *COLCHICINE, toxicity/ FIBRINOGEN, biosynthesis/ HUMAN/ IMMUNOENZYME TECHNICS/ IMMUNOGLOBULINS, FAB/ *LIVER, metabolism/ LIVER, secretion/ LIVER, ultrastructure/ MONOGRAPH/ RATS/ SUBCELLULAR FRACTIONS, metabolism

2590. **Feldmann H, Martin H, Unger RR, et al:** Zum Kryoeffekt an der Aorta abdominalis und der Arteria iliaca des Kaninchens Z Exp Chir 10(2):69–74, Apr 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ *AORTA, ABDOMINAL, injuries/ CALCINOSIS, etiology/ *COLD/ ENGLISH ABSTRACT/ HYPEREMIA, etiology/ *ILIAC ARTERY, injuries/ NECROSIS/ RABBITS/ REGIONAL BLOOD FLOW/ THROMBOPHLEBITIS, etiology/ VENA CAVA, INFERIOR

2591. **Feldmeier C, Hauer G, Wilhelm K:** Seltene Genese eines Kompressionssyndroms des Nervus ulnaris am Handgelenk Med Klin 71(44):1910–2, 29 Oct 76 (Eng. Abstr.) **(Ger)**
ARTERIES/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ NERVE COMPRESSION SYNDROMES, diagnosis/ *NERVE COMPRESSION SYNDROMES, etiology/ NERVE COMPRESSION SYNDROMES, surgery/ *THROMBOSIS, complications/ ULNA, blood supply/ *ULNAR NERVE/ WRIST

2592. **Feldtman RW, Buckley CJ:** Practical role for ultrasound in diagnosis of deep venous thrombosis of lower extremities. South Med J 70(9):1043–4, Sep 77
ACUTE DISEASE/ HUMAN/ LEG/ *THROMBOPHLEBITIS, diagnosis/ *ULTRASONICS, diagnostic use

2593. **Felsenfeld O, Gyr K:** Action of some pancreatic enzymes on Vibrio cholerae. Med Microbiol Immunol (Berl) 163(1):53–60, 18 May 77
AMYLASE, pharmacodynamics/ BUFFERS/ LIPASE, pharmacodynamics/ *PANCREAS, enzymology/ PANCREATIN, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIBRIO CHOLERAE, cytology/ *VIBRIO CHOLERAE, metabolism

2594. **Feltkamp TE:** HLA en ziekte. Ned Tijdschr Geneeskd 121(36):1399–401, 3 Sep 77 **(Dut)**
ALLELES/ ANIMAL/ BLOOD PLATELETS, immunology/ FEMALE/ *HISTOCOMPATIBILITY ANTIGENS/ *HL-A/ HODGKIN'S DISEASE, immunology/ HUMAN/ LEUKOCYTES, immunology/ MALE/ MICE/ PREGNANCY/ RHEUMATISM, immunology

2595. **Fenrych W:** Białka wiążące witaminę B12 w osoczu. Wpływ czynników fizyko-chemicznych oraz komórkowych na transkobalaminy i ich wzajemną zależność. Pol Tyg Lek 32(25):973–5, 20 Jun 77 **(Pol)**
BLOOD PLATELETS, metabolism/ *BLOOD PROTEINS, metabolism/ HUMAN/ LEUKOCYTES, metabolism/ TEMPERATURE/ *TRANSCOBALAMINS, metabolism/ *VITAMIN B 12, blood

2596. **Fenton JW 2d, Fasco MJ, Stackrow AB:** Human thrombins. Production, evaluation, and properties of alpha-thrombin. J Biol Chem 252(11):3587–98, 10 Jun 77
BLOOD COAGULATION, drug effects/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PRESERVATION, BIOLOGICAL/ PROTEIN DENATURATION/ SOLUBILITY/ SPECTROPHOTOMETRY/ *THROMBIN/ THROMBIN, isolation & purification/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2597. **Fenton V, Saunders K, Cavill I:** The platelet count in pregnancy. J Clin Pathol 30(1):68–9, Jan 77
ANALYSIS OF VARIANCE/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ FEMALE/ HUMAN/ *PREGNANCY

2598. **Feret G:** Ropień pozatorowy płuc w przebiegu raka kątnicy. Pneumonol Pol 45(7):483–7, Jul 77 (Eng. Abstr.) **(Pol)**
CASE REPORT/ *CECAL NEOPLASMS, complications/ ENGLISH ABSTRACT/ HUMAN/ LEG, blood supply/ *LUNG ABSCESS, etiology/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, etiology/ *THROMBOPHLEBITIS, complications

2599. **Ferguson A:** Coeliac disease (gluten hypersensitivity). J Hum Nutr 30(3):193–201, Jun 76 (10 ref.)
ADOLESCENCE/ ADULT/ AGED/ *CELIAC

DISEASE/ CELIAC DISEASE, complications/ CELIAC DISEASE, diagnosis/ CELIAC DISEASE, therapy/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FOOD HYPERSENSITIVITY, complications/ GLUTEN, pharmacodynamics/ HUMAN/ INFANT/ JEJUNUM, pathology/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, deficiency/ REVIEW/ SCOTLAND/ SEX RATIO/ *SPRUE/ SPRUE, complications/ SPRUE, diagnosis/ SPRUE, therapy

2600. **Ferguson RL, Rosett W, Hodges GR, et al:** Complications with heparin-lock needles. A prospective evaluation.
Ann Intern Med 85(5):583–6, Nov 76
BACTERIA, isolation & purification/ BACTERIAL INFECTIONS, etiology/ FEMALE/ HEPARIN/ HUMAN/ *INFUSIONS, PARENTERAL, adverse effects/ MALE/ MISSOURI/ *NEEDLES/ PROSPECTIVE STUDIES/ *THROMBOPHLEBITIS, etiology/ TIME FACTORS

2601. **Feri P, Michelazzi L, Polatti F, et al:** L'acetilsalicilato di lisina nells prevenzione della malattia tromboembolica.
Minerva Ginecol 29(4):323–9, Apr 77 **(Ita)**
ADULT/ AGED/ *ASPIRIN, therapeutic use/ FEMALE/ GYNECOLOGIC DISEASES, surgery/ HUMAN/ *LYSINE, therapeutic use/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control

2602. **Fernandes BJ, Cooper JD, Cullen JB, et al:** Systemic infection with Alaria americana (Trematoda).
Can Med Assoc J 115(11):1111–4, 4 Dec 76
ADULT/ CASE REPORT/ GRANULOMA/ HEMORRHAGE/ HUMAN/ LIVER, pathology/ LUNG, pathology/ MALE/ MYOCARDIUM, pathology/ NECROSIS/ STOMACH, pathology/ THROMBOSIS/ TREMATODA, isolation & purification/ *TREMATODE INFECTIONS/ TREMATODE INFECTIONS, pathology/ TREMATODE INFECTIONS, parasitology/ VASCULAR DISEASES

2603. **Fernando MA, Pasternak J:** Isolation of host-cell nuclei from chick intestinal cells infected with second-generation schizonts of Eimeria necatrix. Parasitology 74(1):27–32, Feb 77
ANIMAL/ CELL MEMBRANE, drug effects/ *CELL NUCLEUS/ CELL SEPARATION/ CHICKENS/ *COCCIDIOSIS, pathology/ DNA, analysis/ EIMERIA, growth & development/ INTESTINE, SMALL, analysis/ INTESTINE, SMALL, drug effects/ *INTESTINE, SMALL, pathology/ INTESTINE, SMALL, parasitology/ RNA, analysis/ TRYPSIN, pharmacodynamics

2604. **Ferrante G, Bracale GC, Jovino R, et al:** Flebiti ischemizzanti e gangrene venose Minerva Chir 32(7):409–14, 15 Apr 77 (Eng. Abstr.) **(Ita)**
ANTICOAGULANTS, therapeutic use/ BLOOD PROTEIN DISORDERS, complications/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, therapeutic use/ *GANGRENE, etiology/ HUMAN/ *ISCHEMIA, complications/ POLYCYTHEMIA, etiology/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, therapy/ *VENOUS INSUFFICIENCY, complications

2605. **Ferreira HC, Escobar JA, Nakasato FS:** Dosagem do fibrinogênio. Método gravimétrico.
Rev Bras Pesqui Med Biol 10(3):205–9, Jun 77 **(Por)**
*FIBRINOGEN, analysis/ METHODS/ SPECIFIC GRAVITY

2606. **Ferreria SH, Ubatuba FB, Vane JR:** Platelets, acute inflammation and inflammatory mediators. pp. 313–9.
In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.
ACUTE DISEASE/ ANAPHYLAXIS, complications/ ANIMAL/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BRADYKININ, physiology/ CARRAGEENAN/ EDEMA, blood/ EDEMA, chemically induced/ EDEMA, drug therapy/ EDEMA, etiology/ HISTAMINE LIBERATION/ HYPERALGESIA, chemically induced/ HYPERALGESIA, drug therapy/ IMMUNE SERUMS/ INDOMETHACIN, therapeutic use/ *INFLAMMATION, blood/ INFLAMMATION, etiology/ MONOGRAPH/ PROSTAGLANDINS, physiology/ RATS/ SEROTONIN, metabolism

2607. **Ferrero AM, Angelico F, Console V, et al:** Comportamento dei fattori della coagulazione nell'immaturo e nel neonato.
Minerva Pediatr 29(17):1161–4, 12 May 77 **(Ita)**
*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ERYTHROBLASTOSIS, FETAL, blood/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood/ *INFANT, PREMATURE, DISEASES, blood/ RESPIRATORY DISTRESS SYNDROME, blood

2608. **Ferrone S, Pellegrino MA, Mittal KK:** Cytotoxic antibodies to cultured human lymphoid cells in polytransfused thrombocytopenic patients: association with reduced survival of allogeneic transfused platelets.
Immunol Commun 6(3):267–82, 1977
*ANTIBODIES/ B-LYMPHOCYTES, immunology/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION/ CELL SURVIVAL/ CELLS, CULTURED/ *CYTOTOXICITY TESTS, IMMUNOLOGIC/ HALF-LIFE/ HUMAN/ LEUKOCYTE CULTURE TEST, MIXED/ *LYMPHOCYTES, immunology/ *THROMBOPENIA, immunology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2609. **Ferrozzi G, Sala A, Arena V, et al:** Il ruolo dei filtri nella circolazione extracorporea. Correlazione con i difetti della coagulazione e con i danni neurologici.
Minerva Cardioangiol 25(4):269–73, Apr 77 **(Ita)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION DISORDERS, prevention & control/ *CEREBRAL EMBOLISM AND THROMBOSIS, prevention & control/ EMBOLISM, AIR, prevention & control/ EMBOLISM, FAT, prevention & control/ *EXTRACORPOREAL CIRCULATION/ EXTRACORPOREAL CIRCULATION, adverse effects/ EXTRACORPOREAL CIRCULATION, instrumentation/ FEMALE/ *HEART SURGERY/ HUMAN/ MALE/ *MICROPORE FILTERS/ MIDDLE AGE

2610. **Ferruti P:** Macromolecular drugs. Farmaco [Sci] 32(3):220–36, Mar 77
BINDING SITES/ HEPARIN, chemical synthesis/ *MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ NICOTINIC ACIDS, chemical synthesis/ *POLYMERS, chemical synthesis/ PROSTAGLANDINS, chemical synthesis/ SOLUBILITY

2611. **Fester A:** Pigtail catheter thromboembolism [letter]
Cathet Cardiovasc Diagn 3(2):201, 1977
*HEART CATHETERIZATION, adverse effects/ HUMAN/ *THROMBOEMBOLISM, etiology

2612. **Fésüs L, Csaba B, Muszbek L:** Activation and consumption of Hageman factor in the anaphylactic shock of the rat.
Int Arch Allergy Appl Immunol 51(4):496–507, 1976
AMINOCAPROIC ACIDS, pharmacodynamics/ *ANAPHYLAXIS, blood/ ANIMAL/ BLOOD COAGULATION TESTS/ BRADYKININ, blood/ ELLAGIC ACID, pharmacodynamics/ FACTOR XII, antagonists & inhibitors/ *FACTOR XII, physiology/ MALE/ MURAMIDASE, pharmacodynamics/ PLASMINOGEN ACTIVATORS, blood/ RATS

2613. **Fésüs L, Laki K:** On coupling bovine fibrinogen to the surface of malignant murine plasma cells by means of transglutaminase. Biochem Biophys Res Commun 72(1):131–7, 7 Sep 76
ANIMAL/ BINDING SITES/ CATTLE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, metabolism/ *GLUTAMYL TRANSPEPTIDASE, metabolism/ IODOPROTEINS, metabolism/ MICE/ *PLASMACYTOMA, metabolism/ PROTEIN BINDING/ PUTRESCINE, metabolism

2614. **Fésüs L, Csongor J:** The abscence of intravascular clotting in rat anaphylaxis. Experientia 32(11):1477–8, 15 Nov 76
ANAPHYLAXIS, metabolism/ *ANAPHYLAXIS, physiopathology/ ANIMAL/ *BLOOD COAGULATION/ ELLAGIC ACID, pharmacodynamics/ *ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ HEPARIN, pharmacodynamics/ INTESTINE, SMALL, metabolism/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ RATS/ SERUM ALBUMIN, RADIO-IODINATED, metabolism/ SPLEEN, metabolism/ THROMBIN, pharmacodynamics

2615. **Fésüs L, Kávai M:** The lack of detectable immune complexes in rat anaphylaxis. Acta Allergol (Kbh) 31(6):419–27, Dec 76
*ANAPHYLAXIS, immunology/ ANIMAL/ *ANTIGEN-ANTIBODY COMPLEX/ BLOOD COAGULATION TESTS/ MALE/ PLATELET AGGREGATION/ RATS

2616. **Fésüs L, Csaba B, Muszbek L:** Platelet activating factor, the trigger of haemostatic alterations in rat anaphylaxis. Clin Exp Immunol 27(3):512–5, Mar 77
*ANAPHYLAXIS, immunology/ ANIMAL/ BASOPHILS/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION/ FACTOR XII/ HEMOSTASIS/ *PLATELET AGGREGATION/ RATS

2617. **Fetisova TV, Frol'kis RA, Tsiomik VA, et al:** Aktivnost' fermentov serdechnoĭ myshtsy i syvorotki krovi pri éksperimental'nom infarkte miokarda Kardiologiia 16(12):110–6, Dec 76 (Eng. Abstr.) **(Rus)**
ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL/ ASPARTATE AMINOTRANSFERASE, metabolism/ DOGS/ ENGLISH ABSTRACT/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLYCOLYSIS/ KETOGLUTARATE DEHYDROGENASE COMPLEX, metabolism/ MYOCARDIAL INFARCT, blood/ *MYOCARDIAL INFARCT, enzymology/ *MYOCARDIUM, enzymology/ PEPTIDE HYDROLASES, metabolism/ SUCCINATE DEHYDROGENASE, metabolism/ TRANSKETOLASE, metabolism

2618. **Fetisova TV, Smirnova IP:** Vplyv heparynu na azotystyĭ obmin u sertsevomu m'iazi sobak u normi ta za eksperymental'noho infarktu miokarda Ukr Biokhim Zh 49(1):107–12, Jan–Feb 77 (Eng. Abstr.) **(Ukr)**
ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL/ ASPARTATE AMINOTRANSFERASE, metabolism/ AMP DEAMINASE, metabolism/ CATHEPSIN, metabolism/ DOGS/ ENGLISH ABSTRACT/ GLUTAMINASE, metabolism/ GLUTAMINE, metabolism/ *HEPARIN, therapeutic use/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, enzymology/ MYOCARDIAL INFARCT, metabolism/ MYOCARDIUM, enzymology/ *MYOCARDIUM, metabolism/ *NITROGEN, metabolism/ PEPTIDE HYDROLASES, metabolism/ PROTEINS, metabolism/ RIBONUCLEASE, metabolism/ RNA, metabolism

2619. **Feuer G, Kellen JA, Kovacs K:** Suppression of 7,12-dimethylbenz(alpha) anthracene-induced breast carcinoma by coumarin in the rat. Oncology 33(1):35–9, 1976
ADENOCARCINOMA, chemically induced/ ADRENAL CORTEX, drug effects/ ANIMAL/ *BENZANTHRACENES/ COUMARINS, administration & dosage/ *COUMARINS, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HYDROXYLATION/ LIVER, drug effects/ *MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ PROLACTIN, blood/ RATS/ TIME FACTORS/ *9,10-DIMETHYL-1,2-BENZANTHRACENE

2620. **Feuer G, Kardish R, Farkas R:** Differential action of progesterones on hepatic microsomal activities in the rat. Biochem Pharmacol 26(16):1495–9, 15 Aug 77
AMINOPYRINE N-DEMETHYLASE, metabolism/ ANIMAL/ COMPARATIVE STUDY/ COUMARINS/ FEMALE/ HYDROXYLASES, metabolism/ HYDROXYPROGESTERONE, pharmacodynamics/ IN VITRO/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, metabolism/ PHOSPHATASES, metabolism/ PHOSPHOLIPIDS, biosynthesis/ PREGNANEDIOL, pharmacodynamics/ PREGNANOLONE, pharmacodynamics/ PREGNENOLONE CARBONITRILE, pharmacodynamics/ *PROGESTERONE, analogs & derivatives/ PROGESTERONE, metabolism/ PROGESTERONE, pharmacodynamics/ RATS

2621. **Fiala M, Bauer H, Khaleeli M, et al:** Dog bite, Bacteroides infection, coagulopathy, renal microangiopathy [letter] Ann Intern Med 87(2):248–9, Aug 77
ANIMAL/ *BACTEROIDES INFECTIONS, etiology/ *BITES AND STINGS, complications/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DOGS/ *HEMOLYTIC-UREMIC SYNDROME, etiology/ HUMAN/ MALE/ MIDDLE AGE

2622. **Fialkow PJ, Jacobson RJ, Papayannopoulou T:** Chronic myelocytic leukemia: clonal origin in a stem cell common to the granulocyte, erythrocyte, platelet and monocyte/macrophage. Am J Med 63(1):125–30, Jul 77
ADOLESCENCE/ ADULT/ AGED/ *BLOOD PLATELETS, pathology/ CHROMOSOME MAPPING/ CHRONIC DISEASE/ *ERYTHROCYTES, pathology/ FEMALE/ FIBROBLASTS, enzymology/ GLUCOSEPHOSPHATE DEHYDROGENASE/ GRANULOCYTES, enzymology/ *GRANULOCYTES, pathology/ *HEMATOPOIETIC STEM CELLS, pathology/ HETEROZYGOTE/ HUMAN/ ISOENZYMES/ LEUKEMIA, MYELOCYTIC, enzymology/ LEUKEMIA, MYELOCYTIC, familial & genetic/ *LEUKEMIA, MYELOCYTIC, pathology/ *LEUKOCYTES, pathology/ *MACROPHAGES, pathology/ MIDDLE AGE/ *MONOCYTES, pathology/ PHENOTYPE/ SEX CHROMOSOMES/ SKIN, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2623. **Fick GC:** Reconstituted dried human plasma [letter]. S Afr Med J 51(12):367, 19 Mar 77
*BLOOD PRESERVATION, standards/ *BLOOD TRANSFUSION/ HUMAN/ *PLASMA, analysis/ *WOUNDS AND INJURIES, therapy

2624. **Fiedel BA, Gewurz H:** Effects of C-reactive protein on platelet function. II. Inhibition by CRP of platelet reactivities stimulated by poly-L-lysine, ADP, epinephrine, and collagen. J Immunol 117(4):1073–8, Oct 76
*ADENOSINE TRIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, metabolism/ *C-REACTIVE PROTEIN, pharmacodynamics/ *COLLAGEN, pharmacodynamics/ *EPINEPHRINE, pharmacodynamics/ HUMAN/ *PEPTIDES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3, physiology/ *POLYLYSINE, pharmacodynamics/ SEROTONIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2625. **Fiedel BA, Osmand AP, Gewurz H:** Inhibition of platelet aggregation by a myeloma protein with anti-phosphocholine specificity. Nature 263(5579):687–9, 21 Oct 76
ANTIGEN-ANTIBODY REACTIONS/ C-REACTIVE PROTEIN, metabolism/ *CHOLINE/ CHOLINE, analogs & derivatives/ GAMMA GLOBULINS, pharmacodynamics/ HUMAN/ IGA, metabolism/ MYELOMA PROTEINS, immunology/ *MYELOMA PROTEINS, pharmacodynamics/ *PHOSPHORYLCHOLINE/ PHOSPHORYLCHOLINE, immunology/ *PLATELET AGGREGATION, drug effects/ RECEPTORS, DRUG/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2626. **Fiedel BA, Simpson RM, Gewurz H:** Effects of C-reactive

protein on platelet function. III. The role of cAMP, contractile elements, and prostaglandin metabolism in CRP-induced inhibition of platelet aggregation and secretion. J Immunol 119(3):877–82, Sep 77
ACTINOMYCIN, metabolism/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, secretion/ ARACHIDONIC ACIDS, metabolism/ *BLOOD PLATELETS, physiology/ *BLOOD PLATELETS, secretion/ *C-REACTIVE PROTEIN, pharmacodynamics/ HUMAN/ MALONDIALDEHYDE, metabolism/ *PLATELET AGGREGATION/ *PROSTAGLANDINS, metabolism/ SEROTONIN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2627. **Fiedler F:** Pig pancreatic kallikreins A and B. Methods Enzymol 45:289–303, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ AUTOANALYSIS/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DRUG STABILITY/ HYDROXYAPATITES/ *KALLIKREIN/ KALLIKREIN, isolation & purification/ KALLIKREIN, metabolism/ METHODS/ MOLECULAR WEIGHT/ *PANCREAS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ TRYPSIN

2628. **Fiedler F, Hirschauer C, Fritz H:** Inhibition of three porcine glandular kallikreins by chloromethyl ketones. Hoppe Seylers Z Physiol Chem 358(3):447–51, Apr 77
ANIMAL/ *KALLIKREIN, antagonists & inhibitors/ KALLIKREIN, urine/ *KETONES, pharmacodynamics/ PANCREAS, enzymology/ SUBMANDIBULAR GLAND, enzymology/ SWINE

2629. **Fiehrer A, Duraffourd P:** Etude des propriétés anticoagulantes de l'antipyrine. Nouv Rev Fr Hematol Blood Cells 18(1):194–6, 1977 **(Fre)**
*ANTICOAGULANTS/ *ANTIPYRINE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FIBRIN, metabolism/ HUMAN/ HYPERTONIC SOLUTIONS/ THROMBELASTOGRAPHY

2630. **Fielding CJ, Havel RJ:** Lipoprotein lipase. Arch Pathol Lab Med 101(5):225–9, May 77 (50 ref.)
ADIPOSE TISSUE, metabolism/ ANIMAL/ ANIMALS, LABORATORY/ APOPROTEINS, metabolism/ ATHEROSCLEROSIS, etiology/ HUMAN/ HYPERLIPEMIA, enzymology/ *LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, LDL, metabolism/ MYOCARDIUM, metabolism/ REVIEW/ TRIGLYCERIDES, blood/ TRIGLYCERIDES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2631. **Fielding CJ, Fielding PE:** The activation of lipoprotein lipase by lipase co-protein (apo C-2). Expos Annu Biochim Med 33:165–72, 1977
*APOLIPOPROTEINS, physiology/ ENZYME ACTIVATION/ HUMAN/ KINETICS/ LIPID MOBILIZATION/ LIPOPROTEIN LIPASE, isolation & purification/ *LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, VLDL, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2632. **Fielding PE, Shore VG, Fielding CJ:** Lipoprotein lipase. Isolation and characterization of a second enzyme species from postheparin plasma. Biochemistry 16(9):1896–1900, 3 May 77
AMINO ACIDS, analysis/ ANIMAL/ CHYLOMICRONS, metabolism/ HEPARIN/ HUMAN/ KINETICS/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, VLDL, metabolism/ MALE/ MOLECULAR WEIGHT/ PROTAMINES, pharmacodynamics/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2633. **Fiessinger JN, Alach M, Lagneau P, et al:** Indications de la streptokinase dans les oblitérations artérielles des membres Coeur Med Interne 15(3):453–9, Jul-Sep 76 (Eng. Abstr.) **(Fre)**
ACUTE DISEASE/ CHRONIC DISEASE/ DRUG EVALUATION/ *EMBOLISM, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy

2634. **Fiessinger JN, Cormier JM:** Le traitement des thromboses veineuses des membres Rev Prat 27(21):1335–8, 1343–4, 11 Apr 77 (21 ref.) (Eng. Abstr.) **(Fre)**
ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MALE/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY/ RECURRENCE/ REVIEW/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, surgery/ *THROMBOPHLEBITIS, therapy

2635. **Fiessinger JN, Housset E:** Thromboses veineuses des membres. Aspects cliniques et étiologiques Rev Prat 27(21):1305–11, 11 Apr 77 (25 ref.) (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ FEMALE/ GANGRENE/ HEART DISEASES, complications/ HEMATOLOGIC DISEASES, complications/ HUMAN/ IATROGENIC DISEASE/ ISCHEMIA, complications/ NEOPLASMS, complications/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY/ REVIEW/ THROMBOANGIITIS OBLITERANS, complications/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, pathology/ VARICOSE VEINS, complications/ WOUNDS AND INJURIES, complications

2636. **Fiessinger JN, Juillet Y, Housset E:** Cause et prévention des embolies pulmonaires. La réhabilitation des thromboses veineuses profondes. Rev Prat 27(31):1985–91, 1 Jun 77 (24 ref.) (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ HUMAN/ PHLEBOGRAPHY/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, prevention & control/ REVIEW/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, prevention & control/ ULTRASONICS, diagnostic use

2637. **Figari G, Tanzi R:** Carcinoma (microcitoma) polmonare con metastasi in angiomi (cavernomi) del fegato Pathologica 68(977–978):159–62, Mar-Apr 76 (Eng. Abstr.) **(Ita)**
AGED/ *CARCINOMA, pathology/ CASE REPORT/ ENGLISH ABSTRACT/ *HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ *LIVER NEOPLASMS, pathology/ *LUNG NEOPLASMS, pathology/ MALE/ NEOPLASM METASTASIS

2638. **Figueras Carrera N, Córdoba Senties A, Gordillo O:** Interrupción de la vena cava inferior en el tratamiento de la enfermedad tromboembólica pulmonar recurrente Angiologia 28(5):215–26, Sep-Oct 76 (Eng. Abstr.)**(Spa)**
ADOLESCENCE/ ADULT/ AGED/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ LIGATION/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, surgery/ RECURRENCE/ *VENA CAVA, INFERIOR, surgery

2639. **Fil'chagin NM, Agababova ER, Nazarenko VM, et al:** Aktivnost' fermentov lizosomal'nogo riada v syvorotke krovi i sinovial'noĭ zhidkosti pri sustavnoĭ patologii Ter Arkh 49(2):120–3, 1977 (Eng. Abstr.) **(Rus)**
ALKALINE PHOSPHATASE, blood/ ALKALINE PHOSPHATASE, metabolism/ ARTHRITIS, RHEUMATOID, blood/ *ARTHRITIS, RHEUMATOID, enzymology/ DEOXYRIBONUCLEASE, blood/ DEOXYRIBONUCLEASE, metabolism/ ENGLISH ABSTRACT/ GOUT, blood/ *GOUT, enzymology/ HALLUX/ HUMAN/ HYALURONIDASE, blood/ HYALURONIDASE, metabolism/ LYSOSOMES, enzymology/ OSTEOARTHRITIS, blood/

*OSTEOARTHRITIS, enzymology/ PEPTIDE HYDROLASES, blood/ PEPTIDE HYDROLASES, metabolism/ SPONDYLITIS, ANKYLOSING, blood/ *SPONDYLITIS, ANKYLOSING, enzymology/ SYNOVIAL FLUID, enzymology

2640. **Filip DJ, Eckstein JD, Veltkamp JJ:** Hereditary antithrombin III deficiency and thromboembolic disease. Am J Hematol 1(3):343–9, 1976
*ANTITHROMBINS/ CASE REPORT/ CHILD/ GEL DIFFUSION TESTS/ HUMAN/ MALE/ THROMBOSIS, blood/ THROMBOSIS, diagnosis/ THROMBOSIS, drug therapy/ *THROMBOSIS, familial & genetic/ WARFARIN, therapeutic use

2641. **Filip DJ, Duquesnoy RJ, Aster RH:** Predictive value of cross-matching for transfusion of platelet concentrates to alloimmunized recipients. Am J Hematol 1(4):471–9, 1976
*BLOOD PLATELETS/ *BLOOD TRANSFUSION/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FALSE NEGATIVE REACTIONS/ FALSE POSITIVE REACTIONS/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ HISTOCOMPATIBILITY TESTING/ *HL-A, analysis/ HUMAN/ *IMMUNIZATION/ PLATELET AGGREGATION/ PLATELET FACTOR 3, analysis/ SEROTONIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2642. **Filip DJ:** The development of a histocompatible platelet transfusion service in a regional blood center. pp. 85–93.

In: HLA typing. Washington, American Assoc. of Blood Banks, 1976. WH 460 A5136h 1976.
ANEMIA, APLASTIC, therapy/ BLOOD BANKS/ BLOOD DONORS/ *BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION, standards/ HISTOCOMPATIBILITY/ HUMAN/ LEUKEMIA, therapy/ MONOGRAPH/ PLASMAPHERESIS

2643. **Filipovic I, Rutemoller M:** Comparative studies on fatty acid synthesis in atherosclerotic and hypoxic human aorta. Atherosclerosis 24(3):457–69, Sep 76
ACETATES, metabolism/ ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ADULT/ *ANOXIA, metabolism/ *AORTA, metabolism/ *ARTERIOSCLEROSIS, metabolism/ *ATHEROSCLEROSIS, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE/ CHOLESTEROL ESTERS, biosynthesis/ CHOLESTEROL, biosynthesis/ COMPARATIVE STUDY/ *FATTY ACIDS, biosynthesis/ FATTY STREAK, ARTERIAL, metabolism/ GLUCOSE, metabolism/ HUMAN/ KINETICS/ MIDDLE AGE/ NAD, metabolism/ OXIDATION-REDUCTION/ OXYGEN CONSUMPTION/ PHOSPHOLIPIDS, biosynthesis/ TRIGLYCERIDES, biosynthesis

2644. **Filippi-Foveau D, Sciaky M, Limozin N, et al:** Structure primaire de l'anhydrase carbonique érythrocytaire bovine CI. I. Peptides trypsiques Biochimie 58(9):1057–70, 13 Nov 76 (Eng. Abstr.) **(Fre)**
AMINO ACID SEQUENCE/ ANIMAL/ *CARBONIC ANHYDRASE, blood/ CATTLE/ ENGLISH ABSTRACT/ *ERYTHROCYTES, enzymology/ HYDROGEN-ION CONCENTRATION/ PEPTIDE FRAGMENTS, isolation & purification/ SOLUBILITY/ TRYPSIN

2645. **Filippova EM:** [Volumetric changes in the intracranial media in hematomas in the intracranial space] Voen Med Zh (7):27–30, Jul 76 **(Rus)**
ACUTE DISEASE/ BRAIN, physiopathology/ CHRONIC DISEASE/ *HEAD INJURIES, physiopathology/ *HEMATOMA, physiopathology/ HUMAN/ TIME FACTORS

2646. **Finamore FJ, Feldman RP, Serrano LJ, et al:** L-ascorbate 2-sulfate and mobilization of cholesterol from plaque deposited in rabbit aortas. Int J Vitam Nutr Res 47(1):62–7, 1977
ANIMAL/ *AORTIC DISEASES, prevention & control/ *ARTERIOSCLEROSIS, prevention & control/ ASCORBIC ACID, administration & dosage/ *ASCORBIC ACID, therapeutic use/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ *DIET, ATHEROGENIC/ DRUG SCREENING/ INJECTIONS, SUBCUTANEOUS/ MALE/ RABBITS/ SALINE SOLUTION, HYPERTONIC, administration & dosage

2647. **Finberg HJ, Levin DC:** Angiolipoma: a rare benign soft tissue tumor with a malignant arteriographic appearance. Am J Roentgenol 128(4):697–8, Apr 77
ADULT/ ANGIOGRAPHY/ CASE REPORT/ FEMALE/ FOREARM/ *HEMANGIOMA, radiography/ HUMAN/ *LIPOMA, radiography/ MIDDLE AGE/ *SOFT TISSUE NEOPLASMS, radiography/ THIGH

2648. **Fine RD, Gonski A:** Angiomatous osteolysis of the skull vault. Med J Aust 2(23):867–9, 4 Dec 76
ADULT/ *BONE RESORPTION, etiology/ CASE REPORT/ FEMALE/ *HEMANGIOMA, complications/ HUMAN/ *OSTEOLYSIS, etiology/ *SKULL NEOPLASMS, complications

2649. **Fink E, Fritz H:** Proteinase inhibitors from guinea pig seminal vesicles. Methods Enzymol 45:825–33, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ DRUG STABILITY/ *ENZYME INHIBITORS/ ENZYME INHIBITORS, isolation & purification/ ENZYME INHIBITORS, physiology/ FIBRINOLYSIN, antagonists & inhibitors/ GUINEA PIGS/ KINETICS/ MALE/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, physiology/ *SEMINAL VESICLES, physiology/ TRYPSIN INHIBITORS, isolation & purification

2650. **Finkbeiner AE, Bissada NK, Redman JF:** Complications of vasectomies. Am Fam Physician 15(3):86–9, Mar 77
ABSCESS, etiology/ EPIDIDYMITIS, etiology/ FEMALE/ GENITAL DISEASES, MALE, etiology/ HEMATOMA, etiology/ HUMAN/ IMPOTENCE, etiology/ MALE/ PREGNANCY/ SCROTUM/ SURGICAL WOUND INFECTION/ *VASECTOMY, adverse effects

2651. **Finney JL:** The organization and function of water in protein crystals. Philos Trans R Soc Lond [Biol] 278(959):3–32, 29 Mar 77 (87 ref.)
BINDING SITES/ CARBONIC ANHYDRASE, metabolism/ CARBOXYPEPTIDASES/ CHEMISTRY, PHYSICAL/ CHYMOTRYPSIN/ CRYSTALLOGRAPHY/ KINETICS/ LIGANDS/ MYOGLOBIN/ NEUTRONS/ PAPAIN/ PROTEIN CONFORMATION/ *PROTEINS/ REVIEW/ SCATTERING, RADIATION/ SOLVENTS/ TRYPSIN/ *WATER/ X-RAY DIFFRACTION/ ZINC

2652. **Fiori M, Pierucci G, Buzzi F:** L'attività fibrinolitica dell'encefalo umano dopo trauma contusivo Minerva Med 67(56):3713–8, 17 Nov 76 (Eng. Abstr.) **(Ita)**
*BLOOD COAGULATION DISORDERS, etiology/ *BRAIN INJURIES, ACUTE, enzymology/ *BRAIN, enzymology/ CONTUSIONS, enzymology/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MALE

2653. **Firsov EF, Bezriadina EM, Krechetova SI:** Sluchaĭ gemangioendoteliomy serdtsa Vestn Rentgenol Radiol (2):92–4, Mar-Apr 76 **(Rus)**
ADULT/ CASE REPORT/ FEMALE/ *HEART NEOPLASMS/ HEART NEOPLASMS, diagnosis/ *HEMANGIOENDOTHELIOMA/ HEMANGIOENDOTHELIOMA, diagnosis/ HUMAN

2654. **Firth EC:** Dissecting hematoma of corpus spongiosum and urinary bladder rupture in a stallion. J Am Vet Med Assoc 169(8):800–1, 15 Oct 76
ANIMAL/ BLADDER DISEASES, pathology/ *BLADDER DISEASES, veterinary/ HEMATOMA, pathology/ *HEMATOMA, veterinary/ *HORSE DISEASES/ HORSE DISEASES, pathology/ HORSES/ MALE/ PENILE DISEASES, pathology/ *PENILE DISEASES, veterinary/ PENIS, injuries/ PENIS, pathology/ RUPTURE/ RUPTURE, SPONTANEOUS

2655. **Firusian N, Samtleben W:** Thrombozytopenische Purpura als Leitsymptom eines hypernephroiden Karzinoms
Med Welt 28(9):413–7, 4 Mar 77 **(Ger)**
*ADENOCARCINOMA, complications/ *ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, pathology/ AGED/ BONE MARROW CELLS/ CASE REPORT/ FEMALE/ HUMAN/ *KIDNEY NEOPLASMS, complications/ *PURPURA, THROMBOTIC THROMBOPENIC, etiology

2656. **Fisch U:** Menièresche Krankheit und Akustikusneurinom
Arch Otorhinolaryngol (NY) 212(4):363–7, 16 Sep 76 (Eng. Abstr.) **(Ger)**
*EAR NEOPLASMS, complications/ EAR NEOPLASMS, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, complications/ HUMAN/ *LABYRINTH DISEASES, complications/ LABYRINTH DISEASES, diagnosis/ LABYRINTHINE FLUIDS/ MALE/ *MENIERE'S DISEASE, diagnosis/ MENIERE'S DISEASE, etiology/ METHODS/ *NEURILEMMOMA, complications/ NEURILEMMOMA, diagnosis

2657. **Fischer AM, Cosson A, Drueke T, et al:** Désordres hématologiques observés chez les sujets ayant subi une transplantation rénale.
Nouv Rev Fr Hematol Blood Cells 18(1):203–4, 1977 **(Fre)**
ANEMIA, etiology/ *HEMATOLOGIC DISEASES, etiology/ HUMAN/ *KIDNEY, transplantation/ LEUKOPENIA, etiology/ LYMPHOMA, etiology/ POLYCYTHEMIA, etiology/ THROMBOPENIA, etiology/ TRANSPLANTATION, ALLOGENEIC, adverse effects

2658. **Fischer CL, Gill C, Forrester MG, et al:** Quantitation of 'acute-phase proteins' postoperatively. Value in detection and monitoring of complications. Am J Clin Pathol 66(5):840–6, Nov 76
ABSCESS, blood/ ADULT/ AGED/ ALPHA 1-ANTITRYPSIN, analysis/ *C-REACTIVE PROTEIN, analysis/ CERULOPLASMIN, analysis/ FEMALE/ HAPTOGLOBINS, analysis/ HUMAN/ INFLAMMATION, blood/ MALE/ MIDDLE AGE/ *MONITORING SYSTEMS/ OROSOMUCOID, analysis/ PNEUMONIA, blood/ *POSTOPERATIVE COMPLICATIONS, blood/ PULMONARY EMBOLISM, blood/ SURGICAL WOUND INFECTION, blood

2659. **Fischer H:** Unfallverletzungen des Halses Hippokrates 47(2):178–81, May 76 **(Ger)**
CAROTID ARTERIES, injuries/ *NECK, injuries/ THROMBOSIS, etiology/ WOUNDS, PENETRATING

2660. **Fischer H:** Komplikationen von Verbrennungen
Hippokrates 47(4):379–85, Nov 76 **(Ger)**
ADULT/ ANEMIA, HEMOLYTIC, etiology/ BODY SURFACE AREA/ *BURNS, complications/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EDEMA, etiology/ HUMAN/ PEPTIC ULCER, etiology

2661. **Fischer K, Poschmann A:** Neuraminidase-induzierte hämolytische Anämie. Diagnostische und therapeutische Hinweise Dtsch Med Wochenschr 101(47):1731–3, 19 Nov 76 **(Ger)**
ANEMIA, HEMOLYTIC, AUTOIMMUNE, complications/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, diagnosis/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, etiology/ CHILD, PRESCHOOL/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ KIDNEY FAILURE, ACUTE, etiology/ *NEURAMINIDASE/ TIME FACTORS

2662. **Fischer M:** Therapie von Hämostasestörungen bei Lebererkrankungen: Prothrombinkomplex-Konzentrate
Z Gastroenterol 14(6):650–3, Oct 76 (Eng. Abstr.) **(Ger)**
BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ FACTOR VII, pharmacodynamics/ FACTOR VII, therapeutic use/ *HEMOSTASIS/ HEMOSTASIS, drug effects/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ *LIVER DISEASES, complications/ PROTHROMBIN, pharmacodynamics/ *PROTHROMBIN, therapeutic use

2663. **Fischer M, Falkensammer C, Klein HJ, et al:** Therapeutische Möglichkeiten bei Verbrauchskoagulopathien aktiver Leberzirrhosen: Niederdosierte Heparintherapie
Wien Klin Wochenschr 88(15):488–94, 13 Aug 76 (Eng. Abstr.) **(Ger)**
BLOOD COAGULATION FACTORS/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ HUMAN/ LIVER CIRRHOSIS, blood/ *LIVER CIRRHOSIS, complications/ PHYTONADIONE, therapeutic use

2664. **Fischer M, Stötter L, Ohlen J, et al:** Akutes Leberzerfallskoma durch komplette Leberischämie.
Verh Dtsch Ges Inn Med 82 Pt 1:376–8, 1976 **(Ger)**
AMMONIA, blood/ ANIMAL/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEMORRHAGE, etiology/ *HEPATIC COMA, etiology/ *ISCHEMIA/ *ISCHEMIA, complications/ LIVER, blood supply/ SWINE

2665. **Fischer M, Denck H:** Zur Indikation einer konservativen oder operativen Intervention bei venösen Gefässverschlüssen. Acta Med Austriaca® [Suppl] (3):223–4, 1976 **(Ger)**
ANTICOAGULANTS, therapeutic use/ FIBRINOLYSIS/ HUMAN/ THROMBOPHLEBITIS, surgery/ *THROMBOPHLEBITIS, therapy

2666. **Fischer T, Jublin L:** Trioxsalen bath and ultraviolet light treatment of psoriasis [letter]. Arch Dermatol 113(6):852, Jun 77
BATHS/ *COUMARINS, therapeutic use/ HUMAN/ *PSORIASIS, therapy/ *TRIOXSALEN, therapeutic use/ *ULTRAVIOLET THERAPY

2667. **Fischer T:** Comparative treatment of psoriasis with UV-light, trioxsalen plus UV-light, and coal tar plus UV-light. Acta Derm Venereol (Stockh) 57(4):345–50, 1977
*COAL TAR, therapeutic use/ COMPARATIVE STUDY/ *COUMARINS, therapeutic use/ DRUG EVALUATION/ EVALUATION STUDIES/ HUMAN/ *PSORIASIS, therapy/ *TRIOXSALEN, therapeutic use/ *ULTRAVIOLET THERAPY/ WOUND HEALING

2668. **Fischli W, Leukart O, Schwyzer R:** Hormone-receptor interactions. Carboranylalanine (Car) as a phenylalanine analogue: reactions with chymotrypsin.
Helv Chim Acta 60(3):959–63, 20 Apr 77
BINDING SITES, drug effects/ *BORON COMPOUNDS, pharmacodynamics/ *CHYMOTRYPSIN, pharmacodynamics/ *PHENYLALANINE, analogs & derivatives/ PHENYLALANINE, pharmacodynamics/ *RECEPTORS, HORMONE, drug effects

2669. **Fiser Z, Bárta J:** Uspěšné vyléčení hematomu mostu Varlova. Cesk Neurol Neurochir 40(4):269–73, Jul 77 (Eng. Abstr.) **(Cze)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ *HEMATOMA, surgery/ HUMAN/ MALE/ METHODS/ *PONS, surgery

2670. **Fish F, Gray AI, Waterman PG:** Alkaloids and coumarins of Zanthoxylum elephantiasis [proceedings].
J Pharm Pharmacol 28 Suppl:69P, Dec 76
*ALKALOIDS, analysis/ *COUMARINS, analysis/ *PLANTS, MEDICINAL, analysis

2671. **Fisher A, Foëx P, Emerson PM, et al:** Oxygen availability during hypothermic cardiopulmonary bypass.
Crit Care Med 5(3):154–8, May-Jun 77
ADULT/ BLOOD PRESERVATION/ *CARDIOPULMONARY BYPASS/ DIPHOSPHOGLYCERIC ACIDS, blood/ ERYTHROCYTES, analysis/ HEMOGLOBINS,

analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *HYPOTHERMIA, INDUCED/ MIDDLE AGE/ *OXYGEN CONSUMPTION/ OXYGEN, blood/ PARTIAL PRESSURE

2672. **Fisher AA:** Drug eruptions in geriatric patients. Cutis 18(3):402–9, Sep 76
ACNE, chemically induced/ AGED/ ANAPHYLAXIS, chemically induced/ DERMATITIS MEDICAMENTOSA, diagnosis/ *DERMATITIS MEDICAMENTOSA, etiology/ DERMATITIS MEDICAMENTOSA, therapy/ DRUG HYPERSENSITIVITY, diagnosis/ DYES, adverse effects/ ECZEMA, chemically induced/ EPIDERMAL NECROLYSIS, TOXIC, chemically induced/ ERYTHEMA MULTIFORME, chemically induced/ ERYTHEMA NODOSUM, chemically induced/ ERYTHRODERMA, chemically induced/ EXANTHEMA, chemically induced/ HUMAN/ LICHEN PLANUS, chemically induced/ PHOTOSENSITIZATION, chemically induced/ PIGMENTATION DISORDERS, chemically induced/ PURPURA, chemically induced/ SERUM SICKNESS, chemically induced/ SKIN TESTS/ URTICARIA, chemically induced/ VASCULAR DISEASES, chemically induced

2673. **Fisher B, Glass A, Redmond C, et al:** L-phenylalanine mustard (L-PAM) in the management of primary breast cancer. An update of earlier findings and a comparison with those utilizing L-PAM plus 5-fluorouracil (5-FU). Cancer 39(6 Suppl):2883–903, Jun 77
*BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, mortality/ BREAST NEOPLASMS, surgery/ CARCINOMA, DUCTAL, drug therapy/ CARCINOMA, MUCINOUS, drug therapy/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DRUG THERAPY, COMBINATION/ FEMALE/ *FLUOROURACIL, therapeutic use/ HUMAN/ LEUKOPENIA, chemically induced/ LYMPHATIC METASTASIS/ MASTECTOMY/ MELPHALAN, adverse effects/ *MELPHALAN, therapeutic use/ MIDDLE AGE/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ PROSPECTIVE STUDIES/ THROMBOPENIA, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2674. **Fisher HW:** Surgery on patients receiving anticoagulants. J Dermatol Surg Oncol 3(2):210–2, Mar–Apr 77
ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ *ANTICOAGULANTS, therapeutic use/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ RABBITS/ *SURGERY, OPERATIVE/ THROMBOEMBOLISM, prevention & control/ WOUND HEALING, drug effects

2675. **Fisher I:** Recurrent multiple pyogenic granuloma with multiple satellites. Features of Masson's hemangioma. Cutis 20(2):201–5, Aug 77
ADOLESCENCE/ CASE REPORT/ FEMALE/ *GRANULOMA, complications/ GRANULOMA, etiology/ GRANULOMA, pathology/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ NEVUS, complications/ RECURRENCE/ *SKIN DISEASES, complications/ SKIN DISEASES, pathology/ *SKIN NEOPLASMS, complications/ SKIN NEOPLASMS, pathology

2676. **Fisher M:** Möglichkeiten der medikamentösen Thromboseprophylaxe unter besonderer Berücksichtigung der prä-, per- und postoperativen Behandlungszeit. Zentralbl Chir 102(8):449–58, 1977 (40 ref.) (Eng. Abstr.) **(Ger)**
ASPIRIN, therapeutic use/ COUMARINS, therapeutic use/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS, prevention & control/ REVIEW/ *THROMBOEMBOLISM, prevention & control/ THROMBOEMBOLISM, radiography/ TIME FACTORS

2677. **Fisher PA, Goodman JG, Kull FJ:** Thyroid Ribonucleic Acid-Iodopeptides. Comparison of Tyrosyl-Complex II and Tyrosyl-tRNA. Biochemistry 15(18):4065–70, 7 Sep 76
ANIMAL/ BINDING SITES/ HALF-LIFE/ HYDROGEN-ION CONCENTRATION/ *IODOPROTEINS/ IODOPROTEINS, metabolism/ KINETICS/ PROTEIN BINDING/ RIBONUCLEASE/ *RNA, TRANSFER/ RNA, TRANSFER, isolation & purification/ RNA, TRANSFER, metabolism/ SWINE/ *THYROID GLAND, metabolism/ TRYPSIN/ *TYROSINE/ TYROSINE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2678. **Fisher RG:** The psychiatric symptoms of patients having neurosurgical lesions. J Med Soc NJ 73(11):963–7, Nov 76
ASTROCYTOMA, complications/ *BRAIN NEOPLASMS, complications/ CASE REPORT/ *CEREBRAL HEMORRHAGE, complications/ HEMATOMA, complications/ HUMAN/ *HYDROCEPHALUS, complications/ MALE/ *MENTAL DISORDERS, etiology/ MIDDLE AGE

2679. **Fisher WR, Truitt DH:** The common hyperlipoproteinemias: an understanding of disease mechanisms and their control. Ann Intern Med 85(4):497–508, Oct 76 (136 ref.)
ALCOHOL, ETHYL, pharmacodynamics/ CHOLESTYRAMINE, pharmacodynamics/ CLOFIBRATE, pharmacodynamics/ ESTROGENS, pharmacodynamics/ HUMAN/ HYPERCHOLESTEREMIA, blood/ *HYPERLIPEMIA, blood/ HYPERLIPEMIA, classification/ HYPERLIPEMIA, physiopathology/ HYPERLIPEMIA, ESSENTIAL FAMILIAL, blood/ LIPOPROTEIN LIPASE, blood/ *LIPOPROTEINS, LDL, blood/ *LIPOPROTEINS, VLDL, blood/ NICOTINIC ACIDS, pharmacodynamics/ PHENOTYPE/ REVIEW/ TRIGLYCERIDES, blood

2680. **Fisherman EW, Cohen GN:** Ibuprofen (motrin) hypersensitivity in intrinsic and extrinsic allergic patients. Ann Allergy 37(5):353–6, Nov 76
ASPIRIN, adverse effects/ BLOOD COAGULATION TESTS/ BUTYLATED HYDROXYANISOLE, adverse effects/ BUTYLATED HYDROXYTOLUENE, adverse effects/ *DRUG HYPERSENSITIVITY, etiology/ DRUG TOLERANCE/ HUMAN/ *HYPERSENSITIVITY, drug therapy/ HYPERSENSITIVITY, IMMEDIATE, drug therapy/ *IBUPROFEN, adverse effects/ IBUPROFEN, therapeutic use/ *PHENYLPROPIONATES, adverse effects

2681. **Fisherman EW, Cohen GN:** A vascular test to detect iodide hypersensitivity (intolerance). Ann Allergy 38(3):163–8, Mar 77
ASPIRIN, diagnostic use/ *BLOOD COAGULATION TESTS/ *DRUG HYPERSENSITIVITY, diagnosis/ DRUG HYPERSENSITIVITY, physiopathology/ GELATIN, diagnostic use/ HISTIDINE, diagnostic use/ HUMAN/ INJECTIONS, INTRADERMAL/ IODIDES, administration & dosage/ *IODIDES, adverse effects/ IODIDES, diagnostic use/ METHODS/ SULFOBROMOPHTHALEIN, diagnostic use/ TIME FACTORS

2682. **Fishman PH, Aloj SM, Kohn LD, et al:** Relationship of gangliosides to the structure and function of thyrotropin receptors: their absence on plasma membranes of a thyroid tumor defective in thyrotropin receptor activity. Proc Natl Acad Sci USA 73(11):4060–4, Nov 76
ANIMAL/ CELL LINE/ CELL MEMBRANE, metabolism/ GANGLIOSIDES, biosynthesis/ *GANGLIOSIDES, metabolism/ NEOPLASMS, EXPERIMENTAL, metabolism/ RATS/ *RECEPTORS, HORMONE, metabolism/ *THYROID GLAND, metabolism/ THYROID NEOPLASMS, metabolism/ *THYROTROPIN, metabolism/ TRYPSIN

2683. **Fitzek VA, Gembardt C:** Rodentizidintoxikation bei einer trächtigen Hündin Berl Munch Tieraerztl Wochenschr 90(5):98–100, 1Mar 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ CASE REPORT/ *DOG DISEASES, chemically induced/ DOGS/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ FETAL DEATH, chemically induced/

*INDANS, poisoning/ *INDENES, poisoning/ MATERNAL-FETAL EXCHANGE/ PREGNANCY COMPLICATIONS, chemically induced/ *PREGNANCY COMPLICATIONS, veterinary/ PREGNANCY/ PREGNANCY, ANIMAL/ *RODENTICIDES, poisoning/ *WARFARIN, poisoning

2684. **Fitzgibbons JF, Goodnight SH Jr, Burkhardt JH, et al:** Survival following thrombotic thrombocytopenic purpura in pregnancy. Obstet Gynecol 50(1 Suppl):66s-68s, Jul 77
ADULT/ ASPIRIN, therapeutic use/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ BLOOD UREA NITROGEN/ CASE REPORT/ CESAREAN SECTION/ DEXAMETHASONE, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ FEMALE/ FETAL DISTRESS, diagnosis/ HUMAN/ INFANT, NEWBORN/ MALE/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, mortality/ PREGNANCY TRIMESTER, SECOND/ PREGNANCY/ PURPURA, THROMBOTIC THROMBOPENIC, blood/ PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ *PURPURA, THROMBOTIC THROMBOPENIC, mortality

2685. **Fitzpatrick FA, Gorman RR, Wynalda MA:** Electron capture gas chromatographic detection of thromboxane B2. Prostaglandins 13(2):201-8, Feb 77
ARACHIDONIC ACIDS, metabolism/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, metabolism/ *CHROMATOGRAPHY, GAS, methods/ HUMAN/ *HYDROXY ACIDS, analysis/ HYDROXY ACIDS, metabolism/ PROSTAGLANDINS, analysis/ PROSTAGLANDINS, metabolism/ *PYRANS, analysis/ PYRANS, metabolism/ SPECTRUM ANALYSIS, MASS

2686. **Flanagan MT, Skehel JJ:** The conformation of influenza virus haemagglutinin. FEBS Lett 80(1):57-60, 1 Aug 77
*AGGLUTININS/ CIRCULAR DICHROISM/ GLYCOPROTEINS/ *HEMAGGLUTININS/ *ORTHOMYXOVIRUSES/ PEPTIDES/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN

2687. **Flanigan WJ, Ardon LF, Brewer TE, et al:** Etiology and diagnosis of early post-transplantation oliguria. Am J Surg 132(6):808-15, Dec 76
ANURIA, diagnosis/ *ANURIA, etiology/ GRAFT REJECTION/ HUMAN/ ISCHEMIA, complications/ ISCHEMIA, etiology/ KIDNEY TUBULAR NECROSIS, ACUTE, complications/ KIDNEY TUBULAR NECROSIS, ACUTE, etiology/ KIDNEY, blood supply/ *KIDNEY, transplantation/ OLIGURIA, diagnosis/ *OLIGURIA, etiology/ OLIGURIA, immunology/ *POSTOPERATIVE COMPLICATIONS/ PRESSURE/ RENAL VEINS/ THROMBOSIS, complications/ TIME FACTORS/ TRANSPLANTATION IMMUNOLOGY/ TRANSPLANTATION, HOMOLOGOUS/ URETERAL OBSTRUCTION, complications

2688. **Fleischer K:** Das Verhalten der exokrinen Pankreasfunktion unter Behandlung mit Antibiotika und Zytostatika Fortschr Med 94(33):1957-61, 18 Nov 76 (Eng. Abstr.) **(Ger)**
AMYLASE, metabolism/ ANIMAL/ ANTIBIOTICS, administration & dosage/ *ANTIBIOTICS, adverse effects/ ANTINEOPLASTIC AGENTS, administration & dosage/ *ANTINEOPLASTIC AGENTS, adverse effects/ DUODENUM, enzymology/ ENGLISH ABSTRACT/ HUMAN/ INTESTINAL SECRETIONS, physiology/ *PANCREAS, drug effects/ PANCREAS, physiology/ RATS/ TIME FACTORS/ TRYPSIN, metabolism

2689. **Fleischman AI, Bierenbaum ML, Stier A, et al:** In vivo platelet function in diabetes mellitus. Thromb Res 9(5):467-71, Nov 76
AGED/ *BLOOD PLATELETS, physiology/ CHOLESTEROL, blood/ *DIABETES MELLITUS, blood/ DIABETES MELLITUS, diet therapy/ FEMALE/ HUMAN/ LINOLEIC ACIDS, administration & dosage/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION/ TRIGLYCERIDES, blood

2690. **Flenker I, Neuhausen P, Ricken D, et al:** Akute thrombozytopenische Purpura nach Glibenclamid-Medikation Med Welt 28(3):127-8, 21 Jan 77 **(Ger)**
ACUTE DISEASE/ AGED/ CASE REPORT/ DIABETES MELLITUS, drug therapy/ FEMALE/ *GLIBENCLAMIDE, adverse effects/ GLIBENCLAMIDE, therapeutic use/ HUMAN/ *PURPURA, THROMBOPENIC, chemically induced

2691. **Fletcher AP, Alkjaersig NK, O'Brien JR, et al:** Fibrinogen catabolism in the surgically treated patient and in those with postoperative venous thrombosis. Correlation of plasma fibrinogen chromatographic findings with 125I-labeled fibrinogen scan findings. J Lab Clin Med 89(6):1349-64, Jun 77
ADOLESCENCE/ ADULT/ AGED/ ALPHA MACROGLOBULINS, metabolism/ ALPHA 1-ANTITRYPSIN, metabolism/ ANTITHROMBINS, metabolism/ ASPIRIN, administration & dosage/ *CHROMATOGRAPHY, AGAROSE/ *CHROMATOGRAPHY, GEL/ *FIBRINOGEN, metabolism/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ MIDDLE AGE/ NEOPLASMS, blood/ NEOPLASMS, surgery/ PLASMINOGEN, metabolism/ *POSTOPERATIVE COMPLICATIONS, blood/ *RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2692. **Fletcher JR, McKee AE, Herman CM:** Membrane oxygenation in baboons without anticoagulants. J Surg Res 22(3):273-80, Mar 77
ANIMAL/ *ANTICOAGULANTS/ BABOONS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD PRESSURE/ ERYTHROCYTES/ EVALUATION STUDIES/ EXTRACORPOREAL CIRCULATION, instrumentation/ *EXTRACORPOREAL CIRCULATION, methods/ FIBRIN/ MALE/ MICROSCOPY, ELECTRON, SCANNING/ MONITORING SYSTEMS/ MONKEYS/ *OXYGENATORS, MEMBRANE/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2693. **Fletcher MA, Meyer M, Kirkpatrick SE, et al:** Myocardial infarction associated with umbilical cord hematoma. J Pediatr 89(5):806-7, Nov 76
ADULT/ AUTOPSY/ BREECH PRESENTATION/ BUNDLE-BRANCH BLOCK, complications/ CASE REPORT/ CONVULSIONS, complications/ FEMALE/ HEMATOMA/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, diagnosis/ *MYOCARDIAL INFARCT, etiology/ PREGNANCY COMPLICATIONS/ PREGNANCY/ *UMBILICAL CORD/ UMBILICAL CORD, pathology

2694. **Fletcher PL Jr, Moore S:** Hydrolysis and cyclization of L-aspartyl-L-phenylalanine methyl ester in blood plasma in vitro. pp. 625-31.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
ASPARTIC ACID/ *DIPEPTIDES, blood/ HUMAN/ KINETICS/ MONOGRAPH/ PEPTIDE HYDROLASES, blood/ PHENYLALANINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2695. **Fletcher R:** A method of anaesthesia for fractional coagulation of the Gasserian ganglion. Intermittent anaesthesia with propanidid. Anaesthesia 31(9):1280-4, Nov 76
AGED/ *ANESTHESIA, INTRAVENOUS, methods/ ELECTROCOAGULATION/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, etiology/ POSTOPERATIVE COMPLICATIONS/

*PROPANIDID/ PULMONARY EMBOLISM, etiology/ TIME FACTORS/ TRIGEMINAL NERVE, surgery/ *TRIGEMINAL NEURALGIA, surgery

2696. **Fleury P, Marchand J, Sauvage JP:** Conduite à tenir au cours des épistaxis graves dues aux tumeurs dites vasculaires ou hypervascularisées
Ann Otolaryngol Chir Cervicofac 93(1-2):67-78, Jan-Feb 76 (Eng. Abstr.) **(Fre)**
*ANGIOSARCOMA, complications/ EMBOLIZATION, THERAPEUTIC/ ENGLISH ABSTRACT/ *EPISTAXIS, etiology/ EPISTAXIS, therapy/ *HEMANGIOMA, complications/ *HEMOSTATIC TECHNICS/ HUMAN/ METHODS/ *NASOPHARYNGEAL NEOPLASMS, complications/ *NEURILEMMOMA, complications/ *NOSE NEOPLASMS, complications/ *PARANASAL SINUS NEOPLASMS, complications/ POSTOPERATIVE COMPLICATIONS/ TAMPONS

2697. **Fliegel CP, Signer E, Stahl M, et al:** [Thrombotic complications of long term intravenous alimentation in infants] Ann Radiol (Paris) 19(1):15-22, Jan-Feb 76 **(Eng, Fre)**
FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *INFANT NUTRITION/ INFANT/ INFANT, NEWBORN/ LONG TERM CARE/ MALE/ *PARENTERAL FEEDING, adverse effects/ PHLEBOGRAPHY/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, radiography

2698. **Fliginskikh NA, Demenkov VR, Eryshev IuN, et al:** Pul'siruiushchaia gemangioma ushnoĭ rakoviny
Zh Ushn Nos Gorl Bolezn (5):95-6, Sep-Oct 76 **(Rus)**
ADOLESCENCE/ CASE REPORT/ *EAR NEOPLASMS, pathology/ *EAR, EXTERNAL/ *HEMANGIOMA, pathology/ HUMAN/ MALE

2699. **Florent JM, Macq J, Jaumin P, et al:** Ouverture d'un foramen ovale secondaire au blocage d'une prothèse à disque en position tricuspidienne Arch Mal Coeur 70(3):291-4, Mar 77 (Eng. Abstr.) **(Fre)**
CASE REPORT/ ENGLISH ABSTRACT/ *HEART FAILURE, CONGESTIVE, etiology/ *HEART SEPTUM/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOSIS, complications/ THROMBOSIS, surgery/ TRICUSPID VALVE INSUFFICIENCY, complications/ *TRICUSPID VALVE INSUFFICIENCY, surgery

2700. **Focan C, Bury J, Marcelle R:** Lésions hépatiques et troubles de la coagulation dans l'embolie pulmonaire (etude anatomo-clinique d'un cas) Acta Cardiol (Brux) 31(6):505-17, 1976 (Eng. Abstr.) **(Fre)**
CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ HUMAN/ *LIVER DISEASES, complications/ *LUNG DISEASES, OBSTRUCTIVE, complications/ LUNG DISEASES, OBSTRUCTIVE, pathology/ LUNG, pathology/ MIDDLE AGE/ MYOCARDIUM, pathology/ *PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, enzymology/ PULMONARY EMBOLISM, pathology

2701. **Foda MS, Ismail AA, Khorshid MA, et al:** Physiology and characterization of a fungal milk-clotting enzyme from Aspergillus flavus. Acta Microbiol Pol 25(4):337-43, 1976
*ASPERGILLUS FLAVUS, enzymology/ CALCIUM, pharmacodynamics/ CULTURE MEDIA/ HYDROGEN-ION CONCENTRATION/ MILK/ PEPTIDE HYDROLASES, biosynthesis/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ SODIUM CHLORIDE, metabolism/ TEMPERATURE

2702. **Foged L, Husted S, Andreasen F:** Protein binding of phenprocoumon in the absence and presence of furosemide. Acta Pharmacol Toxicol (Kbh) 39(3):312-20, Sep 76 (Eng. Abstr.)
*COUMARINS, blood/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FLUOROMETRY, methods/ FUROSEMIDE, blood/ *FUROSEMIDE, pharmacodynamics/ HUMAN/ *PHENPROCOUMON, blood/ PHENPROCOUMON, pharmacodynamics/ *PROTEIN BINDING, drug effects/ SERUM ALBUMIN, metabolism

2703. **Fogliani J, Guillen JC, Vanuxem D, et al:** Le frisson de réveil aprés chirurgie cardiaque sous C.E.C. inconvénients et moyens de prévention Ann Anesthesiol Fr 17(12):1422-31, 1976 (Eng. Abstr.) **(Fre)**
ADULT/ AGE FACTORS/ *ANESTHESIA, GENERAL, adverse effects/ BODY TEMPERATURE/ ENERGY METABOLISM/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION, adverse effects/ FEMALE/ *HEART SURGERY/ HEMODYNAMICS/ HEMOSTASIS/ HEPARIN/ HUMAN/ LUNG VOLUME MEASUREMENTS/ MALE/ MIDDLE AGE/ OXYGEN CONSUMPTION/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *SHIVERING

2704. **Fogliani J, Siccardi F, Ruggieri F:** Action du Trivé 1000 sur l'hémostase et l'hématocrite. Ann Anesthesiol Fr 18(2):214-22, 1977 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ ESOPHAGOPLASTY/ FEMALE/ GASTRECTOMY/ *HEMATOCRIT/ *HEMOSTASIS, drug effects/ HUMAN/ *LIPIDS, pharmacodynamics/ MALE/ MIDDLE AGE/ OILS/ *PARENTERAL FEEDING/ *PHOSPHATIDYLCHOLINES, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ POSTOPERATIVE CARE/ SOY BEANS

2705. **Folan DW Jr:** Severe reaction to hydroxyurea. Cutis 20(1):95, Jul 77
CASE REPORT/ *DRUG HYPERSENSITIVITY/ HUMAN/ *HYDROXYUREA, adverse effects/ HYDROXYUREA, therapeutic use/ MALE/ MIDDLE AGE/ PSORIASIS, drug therapy/ *THROMBOPENIA, chemically induced

2706. **Földi M:** Pathophysiologische Grundlagen der Odementstehung aus der Sicht der Lymphologie Acta Med Austriaca 3(4):105-12, 1976 (Eng. Abstr.) **(Ger)**
BLOOD PROTEINS, metabolism/ *EDEMA, etiology/ EDEMA, physiopathology/ EDEMA, CARDIAC, etiology/ ENGLISH ABSTRACT/ HISTIOCYTES, metabolism/ HUMAN/ HYPOPROTEINEMIA, complications/ *LYMPHATIC SYSTEM, physiology/ LYMPHATIC SYSTEM, physiopathology/ LYMPHEDEMA, etiology/ NOMENCLATURE/ PULMONARY EDEMA, etiology/ THROMBOPHLEBITIS, complications/ WATER-ELECTROLYTE BALANCE

2707. **Földi-Börcsök E:** Wirkung von Benzopyron auf die durch Rinderserum-Albumin herbeigeführte exsudative Peritonitis bei der Ratte Arzneim Forsch 27(2):378-9, Feb 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ *COUMARINS, therapeutic use/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ MALE/ PERITONEAL FLUID, analysis/ PERITONEAL FLUID, drug effects/ PERITONITIS, drug therapy/ PROTEINS, analysis/ RATS/ *RUTIN, therapeutic use

2708. **Foley ME, Clayton JK, McNicol GP:** Haemostatic mechanisms in maternal, umbilical vein and umbilical artery blood at the time of delivery.
Br J Obstet Gynaecol 84(2):81-7, Feb 77
*BLOOD COAGULATION/ *BLOOD PLATELETS, physiology/ FEMALE/ *FETAL BLOOD, physiology/ *FIBRINOLYSIS/ HUMAN/ INFANT, NEWBORN/ PLACENTA, physiology/ PLATELET AGGREGATION/ PREGNANCY/ UMBILICAL ARTERIES/ UMBILICAL VEINS

2709. **Fomin AN:** Mikrometod opredeleniia fibrinogena
Voen Med Zh (10):70, Oct 76 **(Rus)**
*FIBRINOGEN, analysis/ MICROCHEMISTRY, methods

2710. **Fong SL, Hargrave PA:** Preparation of carboxyl-terminal tryptic peptides from proteins by cleavage at arginine. Int J Pept Protein Res 10(2):139-45, 1977
AMINO ACIDS, analysis/ ARGININE, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ METHODS/ PEPTIDES, analysis/ *PEPTIDES, chemical synthesis/ PEPTIDES, isolation & purification/ PROTEINS/ TRYPSIN

2711. **Fontaine M, Valli VE, Young LG:** Studies on vitamin E and selenium deficiency in young pigs. IV. Effect on coagulation system. Can J Comp Med 41(1):64-76, Jan 77
ANIMAL/ *BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ FEMALE/ FIBRINOGEN, analysis/ MALE/ *SELENIUM, deficiency/ *SWINE DISEASES, blood/ SWINE/ VITAMIN E DEFICIENCY, blood/ *VITAMIN E DEFICIENCY, veterinary

2712. **Fontaine M, McSherry BJ, Valli VE:** Evaluation of a rapid method of determination of plasma fibrinogen in swine. Can J Comp Med 41(2):202-5, Apr 77
ANIMAL/ *FIBRINOGEN, analysis/ METHODS/ *SWINE, blood

2713. **Fontaine R, Fontaine JL:** Orientamenti attuali nella terapia chirurgica della trombosi venosa profonda, acuta e subacuta, degli arti Recent Prog Med (Roma) 60(1):31-59, Jan 76 (128 ref.) (Eng. Abstr.) **(Ita)**
ENGLISH ABSTRACT/ EXTREMITIES/ GANGRENE, surgery/ HUMAN/ METHODS/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS/ REVIEW/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, surgery

2714. **Fontan G, Rodriguez MC, Lorente F, et al:** Levamisole in Wiskott-Aldrich syndrome [letter]. Lancet 2(7997):1247-8, 4 Dec 76
*ALDRICH SYNDROME, drug therapy/ CASE REPORT/ CHILD/ DRUG EVALUATION/ HUMAN/ *LEVAMISOLE, therapeutic use/ MALE

2715. **Foray J, Binder F, Alonso JP:** Les gelures de montagne. A propos de 105 cas observés à l'Hôpital de Chamonix-Mont-Blanc. Chirurgie 103(2):98-109, Feb 77 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ ANTIBIOTICS, therapeutic use/ ENGLISH ABSTRACT/ FRANCE/ *FROSTBITE/ FROSTBITE, diagnosis/ FROSTBITE, drug therapy/ FROSTBITE, therapy/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ *MOUNTAINEERING/ VASODILATOR AGENTS, therapeutic use

2716. **Forbes CD, Barbenell J, Prentice CR:** Treatment of thrombosis by sequential therapy with ancrod followed by streptokinase. Clinical pharmacology and rheology. Haemostasis 5(6):348-54, 1976
*ARVIN, therapeutic use/ BLOOD COAGULATION TESTS/ BLOOD VISCOSITY/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ HUMAN/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ PLASMINOGEN, analysis/ *RHEOLOGY/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis/ *STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy/ TIME FACTORS

2717. **Forbes CD, Lowe GD, Prentice CR:** Ultrasonography in haemophilia [letter]. Lancet 1(8020):1064-5, 14 May 77
*HEMATOMA, diagnosis/ *HEMOPHILIA, diagnosis/ HUMAN/ *ULTRASONICS, diagnostic use

2718. **Forbes CD, Prentice CR:** Renal disorders in haemophilia A and B. Scand J Haematol (30):43-50, 1977
ANTIFIBRINOLYTIC AGENTS, adverse effects/ BLOOD PRESSURE/ BLOOD TRANSFUSION/ *CHRISTMAS DISEASE, complications/ HEMATURIA, etiology/ *HEMOPHILIA, complications/ HUMAN/ *KIDNEY DISEASES, etiology/ KIDNEY FUNCTION TESTS/ KIDNEY, injuries/ PYELONEPHRITIS, etiology/ RUPTURE/ URETERAL OBSTRUCTION, etiology

2719. **Forbes IJ, Zalewski PD:** A subpopulation of human B lymphocytes that rosette with mouse erythrocytes. Clin Exp Immunol 26(1):99-107, Oct 76
ANIMAL/ ANTILYMPHOCYTE SERUM/ *B-LYMPHOCYTES, immunology/ BONE MARROW CELLS, immunology/ CYANIDES, pharmacodynamics/ ERYTHROCYTES, immunology/ FLUORIDES, pharmacodynamics/ HUMAN/ MICE, immunology/ NEURAMINIDASE, pharmacodynamics/ STAPHYLOCOCCUS, immunology/ TEMPERATURE/ TONSIL, immunology/ TRYPSIN, pharmacodynamics

2720. **Forbes RD, Guttmann RD, Kuramochi T:** Controlled studies of the pathogenesis of hyperacute cardiac allograft rejection in actively immunized recipients. Transplant Proc 9(1):301-3, Mar 77
ACUTE DISEASE/ ANIMAL/ ANTI-ANTIBODIES/ BLOOD PLATELETS, immunology/ *GRAFT REJECTION/ *HEART, transplantation/ *IMMUNIZATION/ NEUTROPHILS/ PLATELET AGGREGATION/ RATS/ RATS, INBRED ACI/ RATS, INBRED LEW/ TRANSPLANTATION, ALLOGENEIC/ TRANSPLANTATION, ISOGENEIC

2721. **Forbes RD, Guttmann RD, Bazin H:** Hyperacute rejection of cardiac allografts in a rat strain with a hereditary platelet function defect. Lab Invest 37(2):158-61, Aug 77
ANIMAL/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION DISORDERS, physiopathology/ *BLOOD PLATELETS, physiology/ *GRAFT REJECTION/ *HEART, transplantation/ MALE/ MYOCARDIUM, pathology/ PLATELET AGGREGATION/ RATS/ RATS, INBRED ACI/ RATS, INBRED STRAINS/ TIME FACTORS/ TRANSPLANTATION, ALLOGENEIC

2722. **Forconi S, Guerrini M, Agnusdei D, et al:** Azione della dopamina sul flusso ematico degli arti e sulla viscosità del sangue G Ital Cardiol 6(5):968-9, Sep-Oct 76 (Eng. Abstr.) **(Ita)**
*BLOOD CIRCULATION, drug effects/ BLOOD PRESSURE, drug effects/ *BLOOD VISCOSITY, drug effects/ DOPAMINE, administration & dosage/ *DOPAMINE, pharmacodynamics/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ HEART RATE, drug effects/ HUMAN/ INFUSIONS, PARENTERAL/ LEG, blood supply/ MALE/ MIDDLE AGE/ MUSCLES, blood supply

2723. **Ford LT:** Chymopapain--past and present, future? Clin Orthop (122):367-73, Jan-Feb 77 (39 ref.)
ANIMAL/ CASE REPORT/ CERVICAL VERTEBRAE, drug effects/ CHYMOPAPAIN, adverse effects/ CHYMOPAPAIN, pharmacodynamics/ *CHYMOPAPAIN, therapeutic use/ CLINICAL RESEARCH/ HUMAN/ INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ *LUMBAR VERTEBRAE, drug effects/ MALE/ MIDDLE AGE/ NERVOUS SYSTEM DISEASES, chemically induced/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ REVIEW/ SPINAL DISEASES, drug therapy/ UNITED STATES FOOD AND DRUG ADMINISTRATION/ UNITED STATES

2724. **Ford WL, Sedgely M:** The migration of lymphocytes across vascular endothelium. pp. 248-50.
In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.
ANIMAL/ *BLOOD VESSELS, pathology/ CELL MOVEMENT/ CONCANAVALIN A, pharmacodynamics/ ENDOTHELIUM, pathology/ LYMPH NODES, pathology/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, physiology/ MONOGRAPH/ NEURAMINIDASE, pharmacodynamics/ RATS/ TRYPSIN, pharmacodynamics

2725. **Foresti A, Bruno L, Bossi M, et al:** Angina variante di Prinzmetal: osservazioni su 46 casi
Boll Soc Ital Cardiol 20(9):957-62, 1975 **(Ita)**
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ ATROPINE, therapeutic use/ FEMALE/ HEPARIN, therapeutic

use/ HUMAN/ MALE/ MYOCARDIAL REVASCULARIZATION/ NITRITES, therapeutic use

2726. **Forestier F, Samama M, Conard J, et al:** Prophylaxie du thromboembolisme post-opératoire par l'héparinate de calcium: traitement standard ou parsonnalisé Nouv Presse Med 5(34):2250–1, 16 Oct 76 **(Fre)**
ADULT/ AGED/ CALCIUM/ DRUG EVALUATION/ HEPARIN, blood/ HEPARIN, standards/ *HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

2727. **Forman J:** Il cateterismo trans-settale nella stenosi mitralica. Minerva Cardioangiol 25(5):421–6, May 77 (Eng. Abstr.) **(Ita)**
DIAGNOSIS, DIFFERENTIAL/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HEART CATHETERIZATION, adverse effects/ *HEART CATHETERIZATION, methods/ HEMOPERICARDIUM, etiology/ HUMAN/ *MITRAL VALVE STENOSIS, diagnosis/ THROMBOEMBOLISM, etiology

2728. **Forman R, Beck W, Barnard CN:** Results of valve replacement with the Lillehei-Kaster disc prosthesis. Am Heart J 94(3):282–6, Sep 77
*AORTIC VALVE/ HEART AUSCULTATION/ HEART VALVE DISEASES, mortality/ *HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, mortality/ HUMAN/ *MITRAL VALVE/ POSTOPERATIVE COMPLICATIONS, mortality/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, mortality

2729. **Formanek A, Castaneda-Zuniga WR, Knight L, et al:** Three year experience with percutaneous introduction of inferior vena cava filter. Rev Interam Radiol 2(3):171–5, Jul 77
ADOLESCENCE/ ADULT/ AGED/ *EMBOLIZATION, THERAPEUTIC, instrumentation/ FEMALE/ FEMORAL VEIN/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VENA CAVA, INFERIOR

2730. **Formanek M:** Komplikacije mehaničke ventilacije Lijec Vjesn 98(9):488–90, Sep 76 (Eng. Abstr.) **(Scr)**
ALKALOSIS, RESPIRATORY, etiology/ ENGLISH ABSTRACT/ HUMAN/ MUSCULAR ATROPHY, etiology/ *RESPIRATION, ARTIFICIAL, adverse effects/ RESPIRATORY TRACT INFECTIONS, etiology/ THROMBOEMBOLISM, etiology

2731. **Fornace AJ Jr, Little JB:** DNA crosslinking induced by x-rays and chemical agents. Biochim Biophys Acta 477(4):343–55, 16 Aug 77
DOSE-RESPONSE RELATIONSHIP, DRUG/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ *DNA, radiation effects/ FIBROBLASTS, radiation effects/ GAMMA RAYS/ HUMAN/ *MECHLORETHAMINE/ *MITOMYCIN/ PEPTIDE HYDROLASES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ X-RAYS

2732. **Fornasari PM, Gratton L, Gamba G, et al:** Antiproteolytic activity in foetal organs with low fibrinolytic potential. Boll Soc Ital Biol Sper 52(11):767–9, 15 Jun 76
ANTIFIBRINOLYTIC AGENTS, metabolism/ FEMALE/ FETUS, enzymology/ *FETUS, metabolism/ FIBRIN, analysis/ *FIBRINOLYSIS/ HUMAN/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PREGNANCY

2733. **Fornasari PM, Gratton L, Gamba G, et al:** Antiproteolytic activity in foetal organs with high fibrinolytic potential. Boll Soc Ital Biol Sper 52(11):770–1, 15 Jun 76
ANTIFIBRINOLYTIC AGENTS, metabolism/ FEMALE/ FETUS, enzymology/ *FETUS, metabolism/ FIBRIN, analysis/ *FIBRINOLYSIS/ HUMAN/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PREGNANCY

2734. **Fornasari PM, Gratton L, Gamba G:** Antiproteolytic activity in human coronary arteries affected by long-dating atherosclerosis. Boll Soc Ital Biol Sper 52(11):761–3, 15 Jun 76
ADULT/ AGED/ ANTIFIBRINOLYTIC AGENTS, metabolism/ CORONARY DISEASE, enzymology/ *CORONARY DISEASE, metabolism/ CORONARY VESSELS, enzymology/ *CORONARY VESSELS, metabolism/ FEMALE/ FIBRIN, analysis/ FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, antagonists & inhibitors

2735. **Fornasari PM, Gratton L, Gamba G:** Histochemical method to detect antiproteolytic activity in tissues. Boll Soc Ital Biol Sper 52(11):758–60, 15 Jun 76
ANTIFIBRINOLYTIC AGENTS, analysis/ FIBRIN, analysis/ FIBRINOLYSIS/ *HISTOCYTOCHEMISTRY, methods/ IN VITRO/ *PEPTIDE HYDROLASES, antagonists & inhibitors

2736. **Fornasari PM, Gratton L, Gamba G, et al:** Antiproteolytic activity in human placenta and decidua. Boll Soc Ital Biol Sper 52(11):764–6, 15 Jun 76 **(Ita)**
ANTIFIBRINOLYTIC AGENTS, metabolism/ DECIDUA, enzymology/ *DECIDUA, metabolism/ FEMALE/ FIBRIN, analysis/ FIBRINOLYSIS/ HUMAN/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PLACENTA, enzymology/ *PLACENTA, metabolism/ PREGNANCY

2737. **Fornasari PM, Sora A, Bolis PF, et al:** Inibitori della fibrinolisi nella placenta umana. Studio istochimico Ann Ostet Ginecol Med Perinat 98(2):104–7, Mar-Apr 77 (Eng. Abstr.) **(Ita)**
ADULT/ *ANTIFIBRINOLYTIC AGENTS, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ METHODS/ *PLACENTA, analysis/ PREGNANCY

2738. **Foroglou G:** L'hydrocéphalie post-traumatique Neurochirurgie 22(2):108–11, Oct 76
*BRAIN INJURIES, ACUTE, complications/ CEREBRAL HEMORRHAGE, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, diagnosis/ HUMAN/ HYDROCEPHALUS, diagnosis/ *HYDROCEPHALUS, etiology

2739. **Forrest JA, Finlayson ND, Adjepon-Yamoah KK, et al:** Antipyrine, paracetamol, and lignocaine elimination in chronic liver disease. Br Med J 1(6073):1384–7, 28 May 77
*ACETAMINOPHEN, blood/ ACETAMINOPHEN, metabolism/ ADULT/ AGED/ *ANTIPYRINE, blood/ ANTIPYRINE, metabolism/ CHRONIC DISEASE/ FEMALE/ HALF-LIFE/ HUMAN/ KINETICS/ *LIDOCAINE, blood/ LIDOCAINE, metabolism/ *LIVER DISEASES, blood/ LIVER DISEASES, metabolism/ LIVER, metabolism/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ SERUM ALBUMIN

2740. **Forrest JB:** A quantitative morphological study of early platelet aggregation in rabbit lungs. Microvasc Res 14(1):111–29, Jul 77
ANIMAL/ BLOOD PLATELETS, physiology/ *BLOOD PLATELETS, ultrastructure/ CAPILLARIES/ CROSS CIRCULATION/ LUNG, blood supply/ MITOCHONDRIA, ultrastructure/ ORGANOIDS, ultrastructure/ *PLATELET AGGREGATION/ RABBITS

2741. **Forsberg K, Törngren S:** Biologic half-time of 125I-fibrinogen [letter]. J Nucl Med 18(2):189–90, Feb 77
DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *FIBRINOGEN, diagnostic use/ HALF-LIFE/ HUMAN/ *IODINE RADIOISOTOPES, diagnostic use/ *LEG, blood supply/ POSTOPERATIVE COMPLICATIONS/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology

2742. **Forsberg K, Törngren S:** Deep venous thrombosis and multiple regression analyses of the influence from various clincial factors on the fibrinogen half-life in surgical patients, using 125I-fibrinogen. Thromb Res 10(2):235–44, Feb 77
BLOOD TRANSFUSION/ FEMALE/ *FIBRINOGEN, metabolism/ HALF-LIFE/ HUMAN/ INFECTION/ IODINE

RADIOISOTOPES/ MALE/ NEOPLASM METASTASIS, surgery/ NEOPLASMS, surgery/ REGRESSION ANALYSIS/ *SURGERY, OPERATIVE/ *THROMBOPHLEBITIS, diagnosis/ TIME FACTORS

2743. **Fortner JG, Kim DK, Shiu MH, et al:** Heterotopic (auxiliary) liver transplantation in man. Transplant Proc 9(1):217–21, Mar 77
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ GRAFT SURVIVAL/ HUMAN/ *LIVER, transplantation/ LONG TERM CARE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ RADIONUCLIDE IMAGING/ TRANSPLANTATION, ALLOGENEIC

2744. **Foster ED, Spector JI, Talarico L, et al:** Polybrene neutralization as a means of monitoring heparin therapy for extracoporeal cirulation. Ann Thorac Surg 23(6):514–9, Jun 77
ADULT/ AORTOCORONARY BYPASS/ CARDIOPULMONARY BYPASS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *EXTRACORPOREAL CIRCULATION/ HEART CATHETERIZATION/ HEART VALVE PROSTHESIS/ HEART VALVES, surgery/ HEART VENTRICLE, surgery/ HEPARIN, administration & dosage/ *HEPARIN, blood/ *HEPARIN, therapeutic use/ *HEXADIMETHRINE, diagnostic use/ HUMAN/ *POLYAMINES, diagnostic use/ PROTAMINES, administration & dosage/ PROTAMINES, therapeutic use/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2745. **Fourati M, Ammar Ben Younes M, Largueche M, et al:** Les oblitérations artérielles aiguës des membres. Traitement chirurgical. A propos de 56 cas opérés dans le service du Professeur agrégé Mohamed Fourati á l'Hôpital Habib Thameur. Tunis Med 55(1):43–7, Feb 77 **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ CHILD/ EMBOLISM, surgery/ EXTREMITIES, blood supply/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ THROMBOSIS, surgery

2746. **Fournier C, Malkey C, Nguyen-Van-Tuyen G, et al:** Thrombose veineuse coronaire et infarctus du myocarde Arch Mal Coeur 70(3):279–83, Mar 77 (Eng. Abstr.) **(Fre)**
ADULT/ CASE REPORT/ *CORONARY DISEASE, complications/ CORONARY DISEASE, diagnosis/ CORONARY DISEASE, pathology/ CORONARY VESSELS, pathology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MYOCARDIAL INFARCT, diagnosis/ *MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, pathology/ MYOCARDIUM, pathology/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, pathology

2747. **Fournier C, Van Tuyen GN, Barrilon A, et al:** Hématomes rétropéritonéaux graves au cours des traitements anticoagulants Ann Med Interne (Paris) 128(3):307–10, Mar 77 **(Fre)**
AGED/ *ANTICOAGULANTS, adverse effects/ BLOOD TRANSFUSION/ CASE REPORT/ FEMALE/ *HEMATOMA, chemically induced/ HEMATOMA, diagnosis/ HEMATOMA, therapy/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ *RETROPERITONEAL SPACE

2748. **Fournier C:** La chirurgie générale chez les cardiaques. Coeur Med Interne 16(2):269–76, Apr–Jun 77 (Eng. Abstr.) **(Fre)**
*ANESTHESIA/ BLOOD COAGULATION TESTS/ *CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ *HEART DISEASES, complications/ HUMAN/ POSTOPERATIVE CARE/ PREMEDICATION/ PREOPERATIVE CARE/ RISK/ *SURGERY, OPERATIVE

2749. **Fowler AV, Zabin I:** The amino acid sequence of beta-galactosidase of Escherichia coli. Proc Natl Acad Sci USA 74(4):1507–10, Apr 77
AMINO ACID SEQUENCE/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *ESCHERICHIA COLI, enzymology/ *GALACTOSIDASES/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2750. **Fowler EF, Thomson AW, Horne CH:** Alleviation of carrageenan-induced hepatotoxicity and acronecrosis by aprotinin. Br J Exp Pathol 58(3):260–7, Jun 77
AMINOTRANSFERASES, blood/ ANIMAL/ *CARRAGEENAN, toxicity/ FEMALE/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LIVER DISEASES, blood/ *LIVER DISEASES, chemically induced/ LIVER DISEASES, prevention & control/ LIVER, pathology/ MICE/ NECROSIS

2751. **Fox RA, MacSween JM, McGuire RL:** Potentiation of the macrophage response to migration inhibition factor from fetal calf serum by blood group substances with human H activity. Scand J Immunol 5(8):941–7, 1976
ANIMAL/ ABO BLOOD-GROUP SYSTEM/ BINDING SITES, ANTIBODY/ *BLOOD GROUPS/ CATTLE/ CELL MIGRATION INHIBITION/ FETAL BLOOD/ GUINEA PIGS/ HUMAN/ *MACROPHAGES, immunology/ *MIGRATION INHIBITORY FACTOR, pharmacodynamics/ TRYPSIN, pharmacodynamics

2752. **Frahm R:** Zur Problematik der Rifampicin-Behandlung in der Schwangerschaft Zentralbl Gynaekol 98(25):1585–8, 1976 (Eng. Abstr.) **(Ger)**
BLOOD COAGULATION DISORDERS, chemically induced/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, chemically induced/ LIVER DISEASES, chemically induced/ *PREGNANCY COMPLICATIONS, INFECTIOUS, drug therapy/ PREGNANCY/ *PYELONEPHRITIS, drug therapy/ RIFAMPIN, adverse effects/ *RIFAMPIN, therapeutic use

2753. **Frain-Bell W, Zaynoun S:** The oil of bergamot photopatch test. Contact Dermatitis 1(4):245, Aug 75
*COUMARINS, adverse effects/ ERYTHEMA, chemically induced/ FICUSIN, analogs & derivatives/ *FICUSIN, adverse effects/ HUMAN/ PATCH TESTS/ *PHOTOSENSITIZATION, chemically induced

2754. **Fräki JE, Hopsu-Havu VK:** Plasminogen activator and histone hydrolyzing proteases in psoriasis scales--possible role in increased cell division. Ann Clin Res 8(5):335–9, Oct 76
CELL DIVISION/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GEL/ HISTONES, metabolism/ HUMAN/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ *PLASMINOGEN ACTIVATORS, metabolism/ *PSORIASIS, enzymology/ SKIN, enzymology

2755. **Franchimont P, Focan-Henrard D:** Induction of inflammation by immunological reactions. pp. 2–4. In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.
ANAPHYLAXIS, immunology/ ANIMAL/ ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS, BACTERIAL/ COMPLEMENT 3, physiology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FACTOR XII, physiology/ HUMAN/ HYPERSENSITIVITY, DELAYED, immunology/ IMMUNE COMPLEX DISEASE, immunology/ IMMUNITY, CELLULAR/ INFLAMMATION, etiology/ *INFLAMMATION, immunology/ MONOGRAPH

2756. **Francis PB, Wilson JE 3d:** Correlation of the serial-dilution protamine sulfate test with models of 'hypercoagulability' and thrombosis in dogs. Am J Clin Pathol 67(4):356–61, Apr 77
ANIMAL/ DISEASE MODELS, ANIMAL/ DOGS/ *INDICATOR DILUTION TECHNICS/ *PROTAMINES, diagnostic use/ *THROMBOSIS, diagnosis/ THROMBOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2757. **François D, Mongiat F:** An ultrastructural study of wheat germ agglutinin binding sites using glucose oxidase as a

marker. J Ultrastruct Res 59(2):119–25, May 77
BINDING SITES, drug effects/ CELL LINE/ *CELL MEMBRANE, analysis/ *CELL TRANSFORMATION, NEOPLASTIC/ GLUCOSE OXIDASE, diagnostic use/ HORSERADISH PEROXIDASE, diagnostic use/ HYALURONIDASE, pharmacodynamics/ NEURAMINIDASE, pharmacodynamics/ *PLANT AGGLUTININS/ *RECEPTORS, DRUG/ RECEPTORS, DRUG, drug effects/ ROUS SARCOMA VIRUS/ TRYPSIN, pharmacodynamics

2758. **François J, Cambie E, De Laey JJ:** Argon laser photocoagulation in retinal branch vein occlusions. Int Ophthalmol Clin 16(4):115–26, Winter 76
ARGON/ EDEMA, complications/ HUMAN/ *LASER COAGULATION, methods/ MACULA LUTEA, surgery/ POSTOPERATIVE COMPLICATIONS/ RETINAL HEMORRHAGE, complications/ *RETINAL VEIN/ THROMBOSIS, complications/ THROMBOSIS, etiology/ *THROMBOSIS, surgery/ VISUAL ACUITY

2759. **François J, Verbraeken H, Stranski T:** Aphakic retinal detachment. Ophthalmologica 175(4):181–4, 1977
ADULT/ AGE FACTORS/ AGED/ *CATARACT EXTRACTION, adverse effects/ CHYMOTRYPSIN, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ REFRACTION, OCULAR/ RETINAL DETACHMENT, complications/ *RETINAL DETACHMENT, etiology/ RETINAL DETACHMENT, occurrence/ SEX FACTORS/ TIME FACTORS

2760. **François P, Hochart G, Turut F, et al:** Les thrombolytiques dans les thromboses veineuses de la rétine Bull Soc Ophtalmol Fr 76(3):271–4, Mar 76 **(Fre)**
ADULT/ AGED/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ RETINAL DISEASES, drug therapy/ *RETINAL VEIN/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ UROKINASE, adverse effects/ *UROKINASE, therapeutic use

2761. **Francoual M:** Physiopathologie des embolies pulmonaires. Rev Prat 27(31):1981–4, 1 Jun 77 (15 ref.) (Eng. Abstr.) **(Fre)**
ANOXEMIA, etiology/ CARDIAC OUTPUT/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ HYPERTENSION, PULMONARY, etiology/ PULMONARY EMBOLISM, complications/ *PULMONARY EMBOLISM, physiopathology/ RESPIRATION DISORDERS, etiology/ REVIEW

2762. **Frank M, Gelfand JA, Alling DW, et al:** Epsilon aminocaproic acid for hereditary angioedema [letter]. N Engl J Med 296(21):1235–6, 26 May 77
*AMINOCAPROIC ACIDS, therapeutic use/ *ANGIONEUROTIC EDEMA, drug therapy/ HUMAN/ *6-AMINOCAPROIC ACID, therapeutic use

2763. **Frankel HA, Glaser JH, Sly WS:** Human beta-glucuronidase. I. Recognition and uptake by animal fibroblasts suggests animal models for enzyme replacement studies. Pediatr Res 11(7):811–6, Jul 77
ANIMAL/ BLOOD PLATELETS, enzymology/ BRAIN, enzymology/ CATTLE/ CHICKENS/ COMPARATIVE STUDY/ *CONNECTIVE TISSUE CELLS, metabolism/ DOGS/ ENZYMES, therapeutic use/ *FIBROBLASTS, metabolism/ *GLUCURONIDASE, metabolism/ HAMSTERS/ HEAT/ HUMAN/ LIVER, enzymology/ MICE/ RABBITS/ RATS/ SHEEP/ SPECIES SPECIFICITY/ SPLEEN, enzymology/ SWINE

2764. **Frankish NH, Zeitlin IJ:** The assay of tissue kallikrein in rat intestine [proceedings]. Br J Pharmacol 59(3):517P, Mar 77
ANIMAL/ *GASTROINTESTINAL SYSTEM, enzymology/ *KALLIKREIN, analysis/ MALE/ RATS

2765. **Franklin RB, Skoulas A:** Diagnosis and management of heart disease. Milit Med 142(2):105–10, 114, Feb 77 (29 ref.)
AORTOCORONARY BYPASS/ ARRHYTHMIA, therapy/ CORONARY DISEASE, surgery/ ECHOCARDIOGRAPHY/ ELECTROCARDIOGRAPHY/ ENDOCARDITIS, BACTERIAL, diagnosis/ HEART DEFECTS, CONGENITAL, surgery/ *HEART DISEASES/ HEART DISEASES, diagnosis/ HEART DISEASES, therapy/ HEART VALVE PROSTHESIS/ HEART, transplantation/ HUMAN/ MITRAL VALVE INSUFFICIENCY, diagnosis/ PACEMAKER, ARTIFICIAL/ REVIEW/ RISK/ THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, therapy/ TRANSPLANTATION, ALLOGENEIC

2766. **Franks JJ:** The clot: disseminated intravascular coagulation. Rocky Mt Med J 74(3):138–41, May-Jun 77
ACUTE DISEASE/ CHRONIC DISEASE/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ HUMAN

2767. **Fraser DM, Parker AC, Amer S, et al:** Mononeuritis multiplex in a patient with macroglobulinaemia. J Neurol Neurosurg Psychiatry 39(7):711–5, Jul 76
AGED/ BLOOD VISCOSITY/ CASE REPORT/ CHLORAMBUCIL, therapeutic use/ CRANIAL NERVES, physiopathology/ ELECTROENCEPHALOGRAPHY/ HUMAN/ *MACROGLOBULINEMIA, complications/ MACROGLOBULINEMIA, physiopathology/ MACROGLOBULINEMIA, therapy/ MALE/ *MOTOR NEURONS/ NEURAL CONDUCTION/ *NEURITIS, complications/ NEURITIS, drug therapy/ NEURITIS, physiopathology/ PERIPHERAL NERVES, physiopathology/ PLASMAPHERESIS/ REACTION TIME/ SYNDROME

2768. **Fraser IS:** Oestrogens and the menopause [editorial] Med J Aust 1(23):836–8, 4 Jun 77
ADENOCARCINOMA, chemically induced/ ESTROGENS, adverse effects/ *ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ *MENOPAUSE, drug effects/ PROGESTATIONAL HORMONES, pharmacodynamics/ THROMBOEMBOLISM, chemically induced/ UTERINE NEOPLASMS, chemically induced

2769. **Fraser R, Vesselinovitch D, Wissler RW:** New interpretations of lipoproteins and arterial lesions of cholesterol-fed rabbits. Pathology 8(1):57–68, Jan 76
ANIMAL/ *AORTA, pathology/ CHOLESTEROL, analysis/ CHOLESTEROL, DIETARY/ *CORONARY VESSELS, pathology/ FATTY STREAK, ARTERIAL, etiology/ FATTY STREAK, ARTERIAL, pathology/ HYPERCHOLESTEREMIA, etiology/ HYPERCHOLESTEREMIA, metabolism/ *HYPERCHOLESTEREMIA, pathology/ *LIPOPROTEINS, analysis/ *LYMPH, analysis/ MALE/ RABBITS/ TRIGLYCERIDES, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2770. **Fratantoni JC:** Thrombolytic therapy [editorial]. Am Heart J 93(3):271–3, Mar 77
ARTERIAL OCCLUSIVE DISEASES, drug therapy/ FIBRINOLYTIC AGENTS, adverse effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ PULMONARY EMBOLISM, drug therapy/ RETINAL VEIN/ THROMBOPHLEBITIS, drug therapy

2771. **Freed WJ:** The role of nerve-growth factor (NGF) in the central nervous system. Brain Res Bull 1(4):393–412, Jul-Aug 76 (243 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ANIMAL/ AXOPLASMIC FLOW/ *BRAIN, drug effects/ BRAIN, growth & development/ BRAIN, physiology/ CALCIUM, pharmacodynamics/ CELL MEMBRANE, metabolism/ INSULIN, pharmacodynamics/ MICE/ NERVE GROWTH FACTOR, metabolism/ *NERVE GROWTH FACTOR, pharmacodynamics/ *NERVE REGENERATION,

drug effects/ *NEURONS, metabolism/ ORGAN SPECIFICITY/ PEPTIDE HYDROLASES, pharmacodynamics/ PROTEIN BINDING, drug effects/ REVIEW/ SYMPATHETIC NERVOUS SYSTEM, metabolism/ TUBULIN, metabolism/ VINBLASTINE, pharmacodynamics

2772. **Freedman HJ, Wilkens HJ, Back N:** Accelerated assay, preservation and purification (concanavalin A) of plasma kininogen. Res Commun Chem Pathol Pharmacol 15(3):581–99, Nov 76
BIOLOGICAL ASSAY/ BRADYKININ, blood/ CALCIUM/ CHROMATOGRAPHY, AFFINITY/ CITRATES/ CONCANAVALIN A/ HEPARIN/ HEXADIMETHRINE/ HUMAN/ *KININOGENS, blood/ KININOGENS, isolation & purification/ METHODS/ PRESERVATION, BIOLOGICAL/ TEMPERATURE/ TIME FACTORS/ TRYPSIN INHIBITORS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2773. **Freedman J, Chaplin H, Johnson CA, et al:** Comparison of low-molecular-weight products following reaction of C3–C3b with C3b inactivator and with trypsin. Vox Sang 33(4):212–20, Oct 77
ANTIGENIC DETERMINANTS/ COMPARATIVE STUDY/ COMPLEMENT 3, antagonists & inhibitors/ *COMPLEMENT 3, metabolism/ *COMPLEMENT, metabolism/ CONGLUTINATION REACTION/ ELECTROPHORESIS, AGAR GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MOLECULAR WEIGHT/ TRYPSIN

2774. **Freedman M, Altszuler N, Karpatkin S:** Presence of a nonsplenic platelet pool. Blood 50(3):419–25, Sep 77
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS, physiology/ DOGS/ EPINEPHRINE, administration & dosage/ *EPINEPHRINE, pharmacodynamics/ EXERTION/ HUMAN/ INJECTIONS, INTRAVENOUS/ RABBITS/ SPLENECTOMY/ *THROMBOCYTOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2775. **Freeman AH, Wraight EP:** Uptake of 99Tcm colloid by intravascular clot. Br J Radiol 49(585):803–4, Sep 76
ADOLESCENCE/ CASE REPORT/ *COLLOIDS/ FEMALE/ HUMAN/ INNOMINATE VEIN/ RADIONUCLIDE IMAGING/ SULFUR/ *TECHNETIUM, metabolism/ *THROMBOSIS, metabolism

2776. **Freeman DJ, Philp RB:** Changes in blood enzyme activity and hematology of rats with decompression sickness. Aviat Space Environ Med 47(9):945–9, Sep 76
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMAL/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD PLATELETS/ BLOOD VOLUME/ CREATINE KINASE, blood/ *DECOMPRESSION SICKNESS, blood/ DECOMPRESSION SICKNESS, enzymology/ *ENZYMES, blood/ FEMALE/ HEMOGLOBINS, analysis/ HUMAN/ LACTATE DEHYDROGENASE ISOENZYMES, blood/ LACTATE DEHYDROGENASE, blood/ RATS/ TIME FACTORS

2777. **Freeman M, Kuiken L, Ragland JB, et al:** Hepatic triglyceride lipase deficiency in liver disease. Lipids 12(5):443–5, May 77
ALCOHOLISM, complications/ FEMALE/ *HEPATITIS, TOXIC, enzymology/ *HEPATITIS, VIRAL, HUMAN, enzymology/ HUMAN/ *LIPASE, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ *LIVER, enzymology/ MALE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2778. **Freeman MA:** Current state of total joint replacement. Br Med J 2(6047):1301–4, 27 Nov 76
ANKLE JOINT, surgery/ ELBOW JOINT, surgery/ HIP JOINT, surgery/ HUMAN/ INFECTION, etiology/ *JOINT PROSTHESIS/ JOINT PROSTHESIS, adverse effects/ *JOINTS, surgery/ KNEE JOINT, surgery/ METACARPOPHALANGEAL JOINT, surgery/ SHOULDER JOINT, surgery/ THROMBOPHLEBITIS, etiology/ TIME FACTORS/ WAITING LISTS/ WRIST JOINT, surgery

2779. **Freeman NS, King RA, Plezia RA, et al:** Office emergencies: an outline of causes, symptoms, and treatment. J Am Dent Assoc 94(1):91–6, Jan 77
ACUTE DISEASE/ ADRENAL GLAND HYPOFUNCTION, therapy/ AIRWAY OBSTRUCTION, therapy/ ANESTHETICS, LOCAL, adverse effects/ ANGINA PECTORIS, therapy/ ARRHYTHMIA, therapy/ ASTHMA, therapy/ BRONCHIAL SPASM, therapy/ CEREBROVASCULAR DISORDERS, therapy/ CONVULSIONS, therapy/ DELIRIUM TREMENS, therapy/ *DENTAL OFFICES/ DIABETIC COMA, therapy/ DRUG HYPERSENSITIVITY, therapy/ *EMERGENCIES/ HEART ARREST, therapy/ HEART FAILURE, CONGESTIVE, therapy/ HUMAN/ HYPERTENSION, therapy/ HYPERVENTILATION, therapy/ HYPOTENSION, therapy/ MALIGNANT HYPERTHERMIA, therapy/ MYOCARDIAL INFARCT, therapy/ PULMONARY EMBOLISM, therapy/ THYROID CRISIS, therapy

2780. **Freese P, Coder C:** Die operative Behandlung der akuten tiefen Thrombophlebitis ZFA [Dresden] 31(4):371–4, 1976 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ BANDAGES/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEG, blood supply/ MALE/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY/ PREOPERATIVE CARE/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, surgery

2781. **Freese P, Coder C:** Zur operativen Behandlung der akuten Ileofemoral-Venenthrombose Zentralbl Chir 102(1):32–6, 1977 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ FEMORAL VEIN, surgery/ HUMAN/ ILIAC VEIN, surgery/ PHLEBOGRAPHY/ PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, surgery

2782. **Freireich EJ:** Hematological abnormalities of disseminated cancer. Int J Radiat Oncol Biol Phys 1(5–6):525–7, Mar–Apr 76
ANEMIA, MYELOPHTHISIC, etiology/ BLOOD TRANSFUSION/ BONE MARROW CELLS, transplantation/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ *NEOPLASMS, blood/ NEOPLASMS, complications/ NEOPLASMS, therapy/ TRANSPLANTATION, HOMOLOGOUS

2783. **Frelek M, Gietko M:** Przejściowy niedobór witaminy K i wtórna hipoprotrombinemia u niemowląt i starszych dzieci Pediatr Pol 51(8):951–6, AUG 76 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOPROTHROMBINEMIAS, etiology/ INFANT/ LIVER DISEASES, complications/ MALE/ *VITAMIN K DEFICIENCY, complications

2784. **French JE, Flor WJ, Grissom MP, et al:** Recovery, structure, and function of dog granulocytes after freeze-preservation with dimethylsulfoxide. Cryobiology 14(1):1–14, Feb 77
ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ *BLOOD PRESERVATION, methods/ CELL SURVIVAL, drug effects/ CHEMOTAXIS/ *DIMETHYL SULFOXIDE, pharmacodynamics/ DOGS/ *FREEZING/ *GRANULOCYTES/ GRANULOCYTES, physiology/ GRANULOCYTES, ultrastructure/ *LEUKOCYTES/ LEUKOCYTES, physiology/ MALE/ OXYGEN CONSUMPTION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2785. **Frénoy JP, Bourrillon R:** Subunit structure of human alpha 2-macroglobulin (alpha 2-MG) with respect to its interaction with trypsin. Biochimie 59(4):351–4, 1977
*ALPHA MACROGLOBULINS/ HUMAN/

MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PROTEIN CONFORMATION/ *TRYPSIN

2786. **Frère JM, Duez C, Ghuysen JM, et al:** Occurrence of a serine residue in the penicillin-binding site of the exocellular DD-carboxy-peptidase-transpeptidase from Streptomyces R61. FEBS Lett 70(1):257-60, Nov 76
AMINO ACID SEQUENCE/ BINDING SITES/ *CARBOXYPEPTIDASE TRANSPEPTIDASE/ CARBOXYPEPTIDASE TRANSPEPTIDASE, metabolism/ *CARBOXYPEPTIDASES/ CARBOXYPEPTIDASES, metabolism/ *PENICILLIN G/ PEPTIDE FRAGMENTS, analysis/ PRONASE/ *SERINE, analysis/ *STREPTOMYCES, enzymology/ THERMOLYSIN/ TRYPSIN

2787. **Freund JL, Regan H:** Zur Frage der Konditionierbarkeit der Veränderungen der Thrombozytenzahl und anderer Komponenten des menschilchen Kapillarblutes Blut 34(2):139-46, Feb 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELETS, physiology/ CAPILLARIES/ *CONDITIONING (PSYCHOLOGY), physiology/ ENGLISH ABSTRACT/ EXERTION/ HUMAN/ LIGHT/ MALE

2788. **Freundt KJ:** Schadstoffe in Lebensmitteln. Organwirkungen und Risiko. Teil II Med Welt 27(41):1968-72, 8 Oct 76 **(Ger)**
ANIMAL/ ANTIBIOTICS, adverse effects/ CARCINOGENS, ENVIRONMENTAL/ COUMARINS, adverse effects/ FAVISM, etiology/ *FOOD CONTAMINATION/ HUMAN/ NITROSAMINES, adverse effects/ PESTICIDE RESIDUES/ RATS/ VEGETABLES, adverse effects

2789. **Frey D, Kröpelin K:** Lungenfunktionsstörungen als Folge einer diffusen Embolisation der Lunge durch öliges Kontrastmittel. Prax Klin Pneumol 31(5):373-4, May 77 (Eng. Abstr.) **(Ger)**
*CONTRAST MEDIA, adverse effects/ ENGLISH ABSTRACT/ HUMAN/ *LUNG VOLUME MEASUREMENTS/ *LYMPHOGRAPHY, adverse effects/ *PULMONARY EMBOLISM, chemically induced

2790. **Frey T:** External diseases of the eye. Pediatr Ann 6(1):49-87, Jan 77
BACTERIAL INFECTIONS, diagnosis/ BACTERIAL INFECTIONS, therapy/ CELLULITIS, diagnosis/ CHILD/ CONJUNCTIVITIS, diagnosis/ CONJUNCTIVITIS, etiology/ CORNEAL DISEASES, congenital/ CORNEAL DISEASES, diagnosis/ *EYE DISEASES, diagnosis/ EYE DISEASES, therapy/ EYE NEOPLASMS, diagnosis/ EYELID DISEASES, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ INFANT, NEWBORN/ OPHTHALMIA, etiology/ PHYSICAL EXAMINATION/ VIRUS DISEASES, diagnosis

2791. **Frey-Wettstein M, Hoppler R:** Mikroaggregate in Lagerblut Schweiz Med Wochenschr 106(42):1436-8, 16 Oct 76 (Eng. Abstr.) **(Ger)**
BLOOD PLATELETS/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ *CELL AGGREGATION/ ENGLISH ABSTRACT/ FILTRATION/ HUMAN/ LEUKOCYTES/ RESPIRATORY DISTRESS SYNDROME, etiology

2792. **Freytag JW, Ohno M, Hudson BG:** Bovine renal glomerular basement membrane. Assessment of proteolysis during isolation. Biochem Biophys Res Commun 72(3):796-802, 4 Oct 76
ANIMAL/ BASEMENT MEMBRANE, analysis/ BASEMENT MEMBRANE, drug effects/ *BASEMENT MEMBRANE, enzymology/ CATTLE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ISOFLUROPHATE, pharmacodynamics/ KIDNEY GLOMERULUS, analysis/ *KIDNEY GLOMERULUS, enzymology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, metabolism/ PROTEINS, analysis/ SONICATION/ TEMPERATURE/ ULTRACENTRIFUGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2793. **Frezza M, Pozzato G, Valente G, et al:** La S-adenosil-metionina come regolatore dell sintesi proteiche. Influenza sul fibrinogeno plasmatico Minerva Med 68(17):1105-14, 7 Apr 77 (Eng. Abstr.) **(Ita)**
ADULT/ AGED/ BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, biosynthesis/ HUMAN/ LIVER DISEASES, blood/ LIVER DISEASES, drug therapy/ MALE/ MIDDLE AGE/ *S-ADENOSYLMETHIONINE, pharmacodynamics/ S-ADENOSYLMETHIONINE, therapeutic use/ THROMBELASTOGRAPHY

2794. **Frick G, Frick U:** Relations between fibrinogen degradation products and heparinocytes. Folia Haematol (Leipz) 103(2):271-6, 1976
ARTERIAL OCCLUSIVE DISEASES, blood/ ARTHRITIS, RHEUMATOID, blood/ BASOPHILS/ *BLOOD COAGULATION, drug effects/ CONTRACEPTIVES, ORAL, HORMONAL, pharmacodynamics/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *HEPARIN, metabolism/ HUMAN/ LEG ULCER, blood/ MAST CELLS

2795. **Frick G, Göretzlehner G, Frick U:** Verhalten der Heparinozyten und der fibrinolytischen Spaltprodukte nach Absetzen hormonaler Kontrazeptiva Zentralbl Gynaekol 98(15):908-13, 1976 (Eng. Abstr.) **(Ger)**
BASOPHILS, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ ENGLISH ABSTRACT/ FEEDBACK/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ *HEPARIN, blood/ HUMAN/ MENSTRUATION

2796. **Frick G, Frick U, Brügmann E:** Verhalten des Heparinozyten und der fibrinolytischen Spaltprodukte unter Bromsulfalein oder undozyaningrün bei leberkranken und lebergesunden Patienten Z Gesamte Inn Med 31(15):579-83, 1 Aug 76 (Eng. Abstr.) **(Ger)**
ADULT/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *HEPARIN, metabolism/ HUMAN/ *INDOCYANINE GREEN, pharmacodynamics/ *LIVER DISEASES, diagnosis/ LIVER FUNCTION TESTS/ *LIVER, drug effects/ MALE/ MIDDLE AGE/ PREGNANCY/ REGRESSION ANALYSIS/ *SULFOBROMOPHTHALEIN, pharmacodynamics

2797. **Frick G, Rudolf K:** Verlauf der Gesamtleukozyten und der Heparinozyten im normalen Wochenbett und während des Abstillens mit Athinylöstradiolsulfonat Zentralbl Gynaekol 98(20):1229-36, 1976 (Eng. Abstr.) **(Ger)**
BASOPHILS, drug effects/ ENGLISH ABSTRACT/ *ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ GRANULOCYTES, drug effects/ HUMAN/ LACTATION, drug effects/ *LEUKOCYTES, drug effects/ PLATELET ADHESIVENESS, drug effects/ PREGNANCY/ *PUERPERIUM, drug effects/ *WEANING

2798. **Frick G, Frick U, Engelmann C, et al:** Verhalten der Heparinozyten nach Goldtherapie Folia Haematol (Leipz) 103(5):701-6, 1976 (Eng. Abstr.) **(Ger)**
ARTHRITIS, RHEUMATOID, drug therapy/ *BASOPHILS, drug effects/ BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FEMALE/ *GOLD, therapeutic use/ HEPARIN ANTAGONISTS/ HUMAN/ LEUKOCYTE COUNT/ MALE/ *MAST CELLS, drug effects/ MIDDLE AGE

2799. **Frick P:** Komplikationen un Gefahren von Antikoagulantien und Plättcheninhibitoren Ther Umsch 34(5):379-83, May 77 (Eng. Abstr.) **(Ger)**
*ANTICOAGULANTS, adverse effects/ *BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS, adverse effects/ HEMORRHAGE, chemically induced/

HUMAN

2800. **Frick R, Brunner P, Stolte M, et al:** Silikonembolien, Fettembolien und intravasale Fibringerinnsel bei Hunden nach extrakorporaler Zirkulation mit einem Gas-dispersionsoxygenator Thoraxchirurgie 24(4):241-8, Aug 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ BRAIN, blood supply/ CAPILLARIES, pathology/ DOGS/ *EMBOLISM, etiology/ EMBOLISM, pathology/ EMBOLISM, FAT, etiology/ EMBOLISM, FAT, pathology/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION, adverse effects/ FILTRATION/ KIDNEY GLOMERULUS, pathology/ KIDNEY, blood supply/ MICROCIRCULATION/ *OXYGENATORS, adverse effects/ PULMONARY EMBOLISM, etiology/ SILICONES, adverse effects/ SILICONES, metabolism

2801. **Frick U, Frick G, Preussner S, et al:** Zur Fibrinolyse vor und nach Goldtherapie bei Rheumatoidarthritis Folia Haematol (Leipz) 103(5):715-8, 1976 (Eng. Abstr.) **(Ger)**
*ARTHRITIS, RHEUMATOID, drug therapy/ ENGLISH ABSTRACT/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRINOLYSIS, drug effects/ *GOLD, therapeutic use/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis

2802. **Fridez C, Barras C, Garcia B:** Contribution à l'étude des déficiences en vitamine D chez les sujets âgés. Schweiz Med Wochenschr 107(22):764-8, 4 Jun 77 (Eng. Abstr.) **(Fre)**
ADULT/ AGE FACTORS/ AGED/ ALKALINE PHOSPHATASE, blood/ CEREBROVASCULAR DISORDERS, complications/ ENGLISH ABSTRACT/ FEMALE/ HOSPITALIZATION/ HUMAN/ *HYDROXYCHOLECALCIFEROLS, blood/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ PHOSPHATES, blood/ PULMONARY EMBOLISM, complications/ *VITAMIN D DEFICIENCY, blood/ VITAMIN D DEFICIENCY, enzymology/ VITAMIN D DEFICIENCY, etiology

2803. **Friebel TE, Demain AL:** Oxygen-dependent inactivation of gramicidin S synthetase in Bacillus brevis. J Bacteriol 130(3):1010-6, Jun 77
ADENOSINE TRIPHOSPHATE, metabolism/ *AMINO ACID ISOMERASES, metabolism/ AMINO ACIDS, pharmacodynamics/ ANAEROBIOSIS/ ANTIMETABOLITES, pharmacodynamics/ *BACILLUS, enzymology/ BACILLUS, metabolism/ BACILLUS, ultrastructure/ BACTERIAL PROTEINS, metabolism/ CELL-FREE SYSTEM/ DEPRESSION, CHEMICAL/ DITHIOTHREITOL, pharmacodynamics/ DRUG INTERACTIONS/ FREEZING/ *GRAMICIDINS, biosynthesis/ *MULTIENZYME COMPLEXES, metabolism/ *OXYGEN, pharmacodynamics/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE SYNTHETASES, metabolism/ PYROPHOSPHATES, metabolism/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2804. **Fried D, Seligsohn U, Gottlieb A, et al:** [Late onset of hemorrhagic disease of the newborn] Harefuah 92(12):565-6, 15 Jun 77 (Eng. Abstr.) **(Heb)**
CASE REPORT/ ENGLISH ABSTRACT/ *HEMORRHAGIC DISEASE OF NEWBORN/ HEMORRHAGIC DISEASE OF NEWBORN, diagnosis/ HEMORRHAGIC DISEASE OF NEWBORN, therapy/ HUMAN/ INFANT/ TIME FACTORS

2805. **Frieden EH, Yeh L:** Evidence for a 'pro-relaxin' in porcine relaxin concentrates. Proc Soc Exp Biol Med 154(3):407-11, Mar 77
ANIMAL/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ MOLECULAR WEIGHT/ OVARY, analysis/ PREGNANCY/ *PROTEIN PRECURSORS, isolation & purification/ RELAXIN, biosynthesis/ *RELAXIN, isolation & purification/ SWINE/ TRYPSIN, metabolism

2806. **Friedenson B, Hora J, Wang LS:** Partial sequence of the variable region of an anti-p-azobenzoate antibody light chain: a one solvent sequenator program. Biochemistry 15(22):4876-80, 2 Nov 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *AZO COMPOUNDS/ *BENZOATES/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, GAS/ *IMMUNOGLOBULINS, LIGHT CHAIN/ PEPTIDE FRAGMENTS, analysis/ RABBITS, immunology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2807. **Friedlaender MH, Dvorak HF:** Morphology of delayed-type hypersensitivity reactions in the guinea pig cornea. J Immunol 118(5):1558-63, May 77
ANIMAL/ ANTIGENS, administration & dosage/ BASOPHILS, immunology/ *CORNEA, immunology/ CORNEA, pathology/ FIBRIN, analysis/ FREUND'S ADJUVANT/ GUINEA PIGS/ HYPERSENSITIVITY, DELAYED, immunology/ HYPERSENSITIVITY, DELAYED, metabolism/ *HYPERSENSITIVITY, DELAYED, pathology/ OVALBUMIN, immunology/ SKIN, immunology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2808. **Friedman EW, Karpatkin M, Karpatkin S:** Evidence suggesting the regulation of a coagulation factor levels in rabbits by a transferable plasma agent. Blood 48(6):949-54, Dec 76
ANIMAL/ *BLOOD COAGULATION FACTORS, analysis/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR X, analysis/ FIBRINOGEN, analysis/ GOATS/ IMMUNE SERUMS, pharmacodynamics/ PROTHROMBIN, analysis/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2809. **Friedman EW, Frank HA, Ponn R:** Patency of venous grafts in small veins: influence of aspirin and warfarin sodium. Arch Surg 112(9):1072-3, Sep 77
ANIMAL/ *ASPIRIN, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ JUGULAR VEIN, pathology/ JUGULAR VEIN, radiography/ *JUGULAR VEIN, transplantation/ MALE/ PLATELET AGGREGATION, drug effects/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PROTHROMBIN TIME/ RABBITS/ THROMBOSIS, pathology/ *THROMBOSIS, prevention & control/ TRANSPLANTATION, AUTOLOGOUS/ *WARFARIN, therapeutic use

2810. **Friedman PA, Smith MW:** A survey of rat tissues for phylloquinone epoxidase activity. Biochem Pharmacol 26(8):804-5, 15 Apr 77
ANIMAL/ ETHERS, CYCLIC/ FEMALE/ FETUS, enzymology/ KIDNEY, enzymology/ LIVER, enzymology/ MALE/ *OXIDOREDUCTASES, metabolism/ PLACENTA, enzymology/ PREGNANCY/ RATS/ SPLEEN, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K DEFICIENCY, enzymology/ VITAMIN K

2811. **Friedman PA, Shia MA:** The apparent absence of involvement of biotin in the vitamin K-dependent carboxylation of glutamic acid residues of proteins. Biochem J 163(1):39-43, 1 Apr 77
ACETYL COA CARBOXYLASE, metabolism/ ANIMAL/ AVIDIN, pharmacodynamics/ BIOTIN, antagonists & inhibitors/ BIOTIN, deficiency/ *BIOTIN, metabolism/ *GLUTAMATES, metabolism/ LIVER, enzymology/ MALE/ PROTHROMBIN TIME/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K

2812. **Friedman SA:** Venous disease and its complications. Med Clin North Am 60(6):1093-104, 1976
AGED/ ANTICOAGULANTS, therapeutic use/ CHRONIC DISEASE/ DRUG ADMINISTRATION SCHEDULE/ FEMORAL VEIN/ FIBRINOGEN, metabolism/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ ILIAC VEIN/ INFUSIONS, PARENTERAL/ INJECTIONS,

INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ MIDDLE AGE/ PNEUMONIA, diagnosis/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, therapy/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, prevention & control/ VARICOSE VEINS, diagnosis/ VARICOSE VEINS, therapy/ *VASCULAR DISEASES, complications/ VASCULAR DISEASES, diagnosis

2813. **Friedmann G, Mödder U:** Wert der Phlebographie für die Thrombose-Diagnose. ZFA (Stuttgart) 53(15):835–41, 31 May 77 **(Ger)**
ARM, blood supply/ HUMAN/ LEG, blood supply/ *PHLEBOGRAPHY/ *THROMBOPHLEBITIS, radiography

2814. **Friedmann T:** Structural proteins of polyoma virus: proteolytic degradation of virion proteins by exogenous and by virion-associated proteases. J Virol 20(2):520–6, Nov 76
DITHIOTHREITOL/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDES, analysis/ *POLYOMA VIRUS, metabolism/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VIRAL PROTEINS, metabolism

2815. **Friedrich E, Keller E, Schindler AE:** Die Bedeutung der ovariellen Ostrogensekretion unter Einnahme der Minipille Ther Umsch 33(4):234–6, Apr 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ *CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL/ CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ ENGLISH ABSTRACT/ ESTROGENS, secretion/ FEMALE/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, prevention & control/ *OVARY, secretion/ THROMBOEMBOLISM, chemically induced/ UTERINE NEOPLASMS, chemically induced

2816. **Friedrich M, Uhlig J, Proll J, et al:** In-vivo-Resorption von trypsin- und thermitase- gespaltenem Casein und analogen Aminosäuregemischen Nahrung 21(1):K1–4, 1977 **(Ger)**
AMINO ACIDS, metabolism/ ANIMAL/ *CASEIN, metabolism/ *INTESTINAL ABSORPTION/ INTESTINE, SMALL, metabolism/ PEPTIDE PEPTIDOHYDROLASES/ RATS/ TRYPSIN

2817. **Frier BM, Saunders JH, Wormsley KG, et al:** Exocrine pancreatic function in juvenile-onset diabetes mellitus. Gut 17(9):685–91, Sep 76
ADOLESCENCE/ ADULT/ AMYLASE, secretion/ BICARBONATES, secretion/ CHOLECYSTOKININ, pharmacodynamics/ DIABETES MELLITUS, JUVENILE, drug therapy/ *DIABETES MELLITUS, JUVENILE, physiopathology/ FEMALE/ HUMAN/ INSULIN, therapeutic use/ MALE/ MIDDLE AGE/ *PANCREAS, physiopathology/ PANCREAS, secretion/ SECRETIN, pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRYPSIN, secretion

2818. **Friesen RH, Clement AJ:** Individual responses to heparinization for extracorporeal circulation. J Thorac Cardiovasc Surg 72(6):875–9, Dec 76
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION, drug effects/ CHILD/ CHILD, PRESCHOOL/ *EXTRACORPOREAL CIRCULATION/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ MONITORING SYSTEMS

2819. **Friess G, Hirschfeld E:** Allergische Vaskulitis mit Arthritis durch Bactrim-Allergie. Munch Med Wochenschr 119(28):959–60, 15 Jul 77 (Eng. Abstr.) **(Ger)**
AGED/ *ARTHRITIS, chemically induced/ BLOOD COAGULATION/ BLOOD PLATELETS/ BRONCHITIS, drug therapy/ CASE REPORT/ DRUG COMBINATIONS/ DRUG HYPERSENSITIVITY/ DRUG INTERACTIONS/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ HUMAN/ INFLAMMATION/ MALE/ *PURPURA, chemically induced/ *SULFAMETHOXAZOLE, adverse effects/ SULFAMETHOXAZOLE, therapeutic use/ *TRIMETHOPRIM, adverse effects/ TRIMETHOPRIM, therapeutic use/ VASCULAR DISEASES, chemically induced/ VASCULAR DISEASES, complications

2820. **Frileux CI, Gillot CI:** A propos des phlébites ambulatoires Phlebologie 30(1):101–2, Jan-Mar 77 **(Fre)**
FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ *PHLEBITIS/ PHLEBITIS, surgery/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, surgery

2821. **Frimmer M, Neuhof H, Scharmann W, et al:** Cardiovascular reactions induced by leucocidin from Pseudomonas aeruginosa. Naunyn Schmiedebergs Arch Pharmacol 294(1):85–9, 16 Jul 76
ANIMAL/ ARRHYTHMIA, chemically induced/ BLOOD PRESSURE, drug effects/ *CARDIOVASCULAR SYSTEM, drug effects/ DEXAMETHASONE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HEPARIN, pharmacodynamics/ HYPERTENSION, PORTAL, chemically induced/ *LEUKOCIDIN, pharmacodynamics/ MALE/ MICE/ *PSEUDOMONAS AERUGINOSA/ RATS/ SHOCK, SEPTIC/ TIME FACTORS

2822. **Friocourt MP, Picart D, Saleun JP, et al:** Dosage du di (ethyl-2 hexyl) phtalate (D.E.H.P.) dans les poches de matières plastiques et les flacons de verre destinés á la conservation du sang Rev Fr Transfus Immunohematol 19(4):589–95, Dec 76 (Eng. Abstr.) **(Fre)**
*BLOOD PRESERVATION/ *DIETHYLHEXYL PHTHALATE/ DIETHYLHEXYL PHTHALATE, analysis/ *DRUG CONTAINERS AND CLOSURES/ ENGLISH ABSTRACT/ *GLASS/ HUMAN/ METHYLENE CHLORIDE, analysis/ *PHTHALIC ACIDS/ PHTHALIC ACIDS, analysis/ *PLASTICS

2823. **Friocourt MP, Picart D, Saleun JP, et al:** Poches de transfusion sanguine. Aspects physiques des faces internes. etude comparative, selon les marques, par microscopie électronique à balayage.
Rev Fr Transfus Immunohematol 20(2):337–44, Jun 77 (Eng. Abstr.) **(Fre)**
BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ MICROSCOPY, ELECTRON, SCANNING/ PLASTICS

2824. **Frishman W, Horwitz S:** El uso de la aspirina en la cardiopatía isquémica. Arch Inst Cardiol Mex 47(2):129–31, Mar-Apr 77 **(Spa)**
ANIMAL/ ASPIRIN, pharmacodynamics/ *ASPIRIN, therapeutic use/ *CORONARY DISEASE, drug therapy/ CORONARY DISEASE, prevention & control/ DOGS/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ RATS

2825. **Frisón JC, Ras MR, Miquel C, et al:** Action of heparin on lecithin:cholesterol acyltransferase activity in normal subjects. Rev Esp Fisiol 32(4):289–91, Dec 76
*ACYLTRANSFERASES, biosynthesis/ ADULT/ *CHOLESTEROL ACYLTRANSFERASE, biosynthesis/ FATTY ACIDS, NONESTERIFIED, metabolism/ *HEPARIN, metabolism/ HUMAN/ LIVER, enzymology/ *LIVER, metabolism/ *PHOSPHATIDYLCHOLINES, biosynthesis/ TRIGLYCERIDES, metabolism

2826. **Fritsche HM, von Sommoggy S, Vogel GE, et al:** Thrombozyten bei akut blutungsgefährdeten Risikopatienten unter Hämodialyse mit Minimalheparinisierung. Med Welt 28(19):906–11, 13 May 77 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ *BLOOD PLATELETS, physiology/ FEMALE/ *HEMODIALYSIS/ *HEMORRHAGE, prevention & control/ HUMAN/ *KIDNEY FAILURE, ACUTE, blood/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ PLATELET FACTOR 3

2827. **Fritschy J, Bollinger A, Straub PW:** Zur Rolle des kosto-klavikulären Kompressionssyndroms im Rahmen der fibrinolytischen Therapie tiefer Armvenethrombosen Schweiz Med Wochenschr 106(25):847–53, 19 Jun 76 (Eng. Abstr.) **(Ger)**
ADULT/ ARM, blood supply/ COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ STREPTOKINASE, therapeutic use/ SYNDROME/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology/ UROKINASE, therapeutic use/ *VASCULAR DISEASES, complications

2828. **Fritz H, Krejci K:** Trypsin–plasmin inhibitors (bdellins) from leeches. Methods Enzymol 45:797–806, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *FIBRINOLYSIN, antagonists & inhibitors/ *LEECHES, analysis/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, isolation & purification/ TRYPSIN INHIBITORS, pharmacodynamics

2829. **Fritz H, Tschesche H, Fink E:** Proteinase inhibitors from boar seminal plasma. Methods Enzymol 45:834–47, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, ION EXCHANGE/ *ENZYME INHIBITORS/ ENZYME INHIBITORS, isolation & purification/ ENZYME INHIBITORS, physiology/ MALE/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, physiology/ PROTEIN CONFORMATION/ *SEMEN, physiology/ SPECIES SPECIFICITY/ SPERMATOZOA, physiology/ SWINE

2830. **Fritz H, Hochstrasser K:** Proteinase (elastase) inhibitors from dog submandibular glands. Methods Enzymol 45:860–9, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHROMATOGRAPHY, ION EXCHANGE/ DOGS/ *ENZYME INHIBITORS/ ENZYME INHIBITORS, isolation & purification/ ENZYME INHIBITORS, pharmacodynamics/ METHODS/ MOLECULAR WEIGHT/ PANCREATOPEPTIDASE, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SUBMANDIBULAR GLAND, physiology

2831. **Froelicher VF:** Does exercise conditioning delay progression of myocardial ischemia in coronary atherosclerotic heart disease? Cardiovasc Clin 8(1):11–31, 1977
ADULT/ AGED/ ANIMAL/ CHOLESTEROL, blood/ CORONARY CIRCULATION/ CORONARY DISEASE, pathology/ *CORONARY DISEASE, prevention & control/ CORONARY DISEASE, rehabilitation/ CORONARY VESSELS, pathology/ DIET, ATHEROGENIC/ EPIDEMIOLOGIC METHODS/ *EXERTION/ HEART ENLARGEMENT, pathology/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL CONTRACTION/ MYOCARDIUM, metabolism/ MYOCARDIUM, pathology/ OCCUPATIONS/ PHYSICAL FITNESS/ RISK

2832. **Frohman EM:** Component preparation record. Transfusion 17(1):62–4, Jan–Feb 77
*BLOOD BANKS/ BLOOD PLATELETS/ HUMAN/ PLASMA/ *RECORDS

2833. **Frohn MJ:** Left-leg varicose veins and deep-vein thrombosis [letter]. Lancet 2(7993):1019–20, 6 Nov 76
CONSTIPATION, complications/ HUMAN/ ILIAC VEIN, anatomy & histology/ LATERALITY/ LEG, blood supply/ PRESSURE, adverse effects/ SIGMOID, anatomy & histology/ *THROMBOPHLEBITIS, etiology/ *VARICOSE VEINS, etiology

2834. **Frojmovic MM, Panjwani R:** Geometry of normal mammalian platelets by quantitative microscopic studies. Biophys J 16(9):1071–89, Sep 76
ANIMAL/ *BLOOD PLATELETS/ ERYTHROCYTES/ HUMAN/ IN VITRO/ MICROSCOPY, PHASE CONTRAST/ RABBITS

2835. **From AH, Fong JS, Chiu T, et al:** Role of platelets in the pathogenesis of canine endotoxin shock. Infect Immun 13(6):1591–4, Jun 76
ANIMAL/ ANTIGENS/ BLOOD CELL COUNT/ *BLOOD PLATELETS, physiology/ BLOOD PRESSURE/ DOGS/ ESCHERICHIA COLI, immunology/ LEUKOCYTE COUNT/ *SHOCK, SEPTIC, blood/ THROMBOPENIA, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2836. **Frommel D, Allain JP:** Genetic predisposition to develop factor VIII antibody in classic hemophilia. Clin Immunol Immunopathol 8(1):34–8, Jul 77
ADOLESCENCE/ *ANTIBODIES/ CHILD/ CHILD, PRESCHOOL/ *FACTOR VIII, immunology/ FAMILY CHARACTERISTICS/ FEMALE/ HEMOPHILIA, familial & genetic/ *HEMOPHILIA, immunology/ HUMAN/ *IMMUNITY/ ISOANTIGENS/ MALE

2837. **Fu P, Myhre B:** Chemical analysis of a 30-year-old bottle of lyophilized plasma. Transfusion 17(1):73–4, Jan–Feb 77
*BLOOD PRESERVATION/ FREEZE DRYING/ *PLASMA, analysis/ TIME FACTORS

2838. **Fuchs G, Egbring R, Havemann K:** Fibrinogen Marburg a new genetic variant of fibrinogen. Blut 34(2):107–18, Feb 77
ADULT/ BLOOD COAGULATION DISORDERS, congenital/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CASE REPORT/ FEMALE/ *FIBRINOGEN/ FIBRINOLYSIS/ FIBRINOPEPTIDES A/ FIBRINOPEPTIDES B/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN

2839. **Fudeta H, Hashimoto Y, Kano K, et al:** [Anesthesia in patients with hemophilia A and B] Jpn J Anesthesiol 25(7):718–23, Jul 76 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ *ANESTHESIA, INTRATRACHEAL, methods/ CASE REPORT/ *CHRISTMAS DISEASE/ ENGLISH ABSTRACT/ *FACTOR XI DEFICIENCY/ HUMAN/ MALE

2840. **Fudge RP, Vlasses PH:** Third-party reimbursement for pharmacist instruction about antihemophilic factor. Am J Hosp Pharm 34(8):831–4, Aug 77
ADOLESCENCE/ BLUE CROSS/ *FACTOR VIII, administration & dosage/ FACTOR VIII, therapeutic use/ FEES, PHARMACEUTICAL/ HEMOPHILIA, drug therapy/ HOME CARE SERVICES/ HUMAN/ *INSURANCE, PHARMACEUTICAL SERVICES/ MALE/ OHIO/ *PATIENTS, education/ *PHARMACISTS/ SELF ADMINISTRATION

2841. **Fufin VI, Efremov AV, Fifina NA, et al:** Vliianie geparina na funktsiiu vneshnego dykhaniia v posleoperatsionnom periode u bol'nykh s mitral'nymi stenozami Grudn Khir (2):46–50, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, pharmacodynamics/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE STENOSIS, surgery/ *RESPIRATION, drug effects

2842. **Fugate FD, Song PS:** Excited states of biomolecules--IV. Photochem Photobiol 24(6):629–40, Dec 76 (161 ref.)
*CAROTENOIDS, radiation effects/ *CHLOROPHYLL, radiation effects/ *COUMARINS, radiation effects/ MOLECULAR CONFORMATION/ NUCLEAR MAGNETIC RESONANCE/ *PHOTOCHEMISTRY/ *POLYENES, radiation effects/ *PORPHYRINS, radiation effects/ *PURINES, radiation effects/ *PYRIMIDINES, radiation effects/ REVIEW/ SPECTROMETRY, FLUORESCENCE/ SPECTRUM ANALYSIS/ SPECTRUM ANALYSIS, RAMAN

2843. **Fujii K, Galivan JH, Huennekens FM:** Activation of methionine synthase: further characterization of flavoprotein system. Arch Biochem Biophys 178(2):662–70, 30 Jan 77

DITHIONITE, pharmacodynamics/ ENZYME ACTIVATION/ ESCHERICHIA COLI, enzymology/ FERRICYANIDES, metabolism/ *FLAVOPROTEINS, pharmacodynamics/ FAD, metabolism/ KINETICS/ *METHYLTRANSFERASES, metabolism/ NAD, pharmacodynamics/ NADP, pharmacodynamics/ OXIDATION-REDUCTION/ PARAQUAT, pharmacodynamics/ *TETRAHYDROPTEROYLGLUTAMATE METHYLTRANSFERASE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K, metabolism/ 2,6-DICHLOROINDOPHENOL, metabolism

2844. **Fujikawa K, Davie EW:** Bovine factor IX (Christmas factor). Methods Enzymol 45:74–83, 1976
AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ CATTLE/ CHRISTMAS DISEASE, blood/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, ION EXCHANGE/ ENZYME ACTIVATION/ *FACTOR IX/ FACTOR IX, isolation & purification/ FACTOR IX, physiology/ FACTOR XI, physiology/ HUMAN/ METHODS/ MOLECULAR WEIGHT

2845. **Fujikawa K, Davie EW:** Bovine factor X (Stuart factor). Methods Enzymol 45:89–95, 1976
AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ FACTOR X DEFICIENCY, blood/ *FACTOR X/ FACTOR X, isolation & purification/ FACTOR X, physiology/ METHODS/ MOLECULAR WEIGHT

2846. **Fujikawa K, Walsh KA, Davie EW:** Isolation and characterization of bovine factor XII (Hageman factor). Biochemistry 16(10):2270–8, 17 May 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ CYANOGEN BROMIDE/ FACTOR IX/ FACTOR X/ *FACTOR XII/ FACTOR XII, isolation & purification/ HEPARIN/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ THROMBIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2847. **Fujimaki M, Nagasawa H, Konishi S, et al:** [Inhibitory effects of estrogen on antithrombin III (author's transl)] Acta Haematol Jpn 40(2):227–31, Apr 77 (Eng. Abstr.) **(Jpn)**
*ANTITHROMBINS, antagonists & inhibitors/ ENGLISH ABSTRACT/ *ESTROGENIC SUBSTANCES, CONJUGATED, pharmacodynamics/ FEMALE/ HUMAN

2848. **Fujita T, Yanatori Y, Murakami T:** Insulo-acinar axis, its vascular basis and its functional and morphological changes caused by CCK--PZ and caerulein. pp. 347–57.
In: Fujita T, ed. Endocrine gut and pancreas. Amsterdam, Elsevier Scientific, 1976. WK 170 I605e 1975. (29 ref.)
ANIMAL/ ARTERIES/ *CAERULEIN, pharmacodynamics/ *CHOLECYSTOKININ, pharmacodynamics/ DOGS/ HORSES/ *ISLANDS OF LANGERHANS, blood supply/ ISLANDS OF LANGERHANS, drug effects/ MONKEYS/ MONOGRAPH/ *PANCREAS, blood supply/ PANCREAS, drug effects/ PORTAL VEIN/ RABBITS/ RATS/ REVIEW/ TRYPSIN INHIBITORS, pharmacodynamics

2849. **Fujitani B, Tsuboi T, Takeno K, et al:** Inhibition of human and animal platelet adhesiveness to glass bead columns by adenosine, dipyridamole, chlorpromazine and acetylsalicylic acid. Thromb Haemostas 36(2):401–10, 30 Nov 76
*ADENOSINE, pharmacodynamics/ ANIMAL/ *ASPIRIN, pharmacodynamics/ BLOOD FLOW VELOCITY/ *CHLORPROMAZINE, pharmacodynamics/ COMPARATIVE STUDY/ *DIPYRIDAMOLE, pharmacodynamics/ GLASS/ GUINEA PIGS/ HEPARIN/ HUMAN/ IN VITRO/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ SPECIES SPECIFICITY

2850. **Fujiwara H, Saimyoji H, Kawai C, et al:** Left atrial infarction with saddle embolism. Jpn Heart J 18(2):272–6, Mar 77
CASE REPORT/ ELECTROCARDIOGRAPHY/ *EMBOLISM, etiology/ FEMALE/ *HEART ATRIUM/ HEART ATRIUM, pathology/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ THROMBOEMBOLISM, etiology/ THROMBOSIS, complications/ THROMBOSIS, etiology/ THROMBOSIS, pathology

2851. **Fujiwara K, Pollard TD:** Fluorescent antibody localization of myosin in the cytoplasm, cleavage furrow, and mitotic spindle of human cells. J Cell Biol 71(3):848–75, Dec 76
ANTIBODIES/ BLOOD PLATELETS/ CELL DIVISION/ CELL LINE/ CELL NUCLEUS, analysis/ *CYTOPLASM, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ HELA CELLS/ IMMUNOELECTROPHORESIS/ LEUKOCYTES/ MITOSIS/ *MYOSIN, analysis/ MYOSIN, immunology/ ORGANOIDS, analysis/ STAINS AND STAINING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2852. **Fujiwara K, Tsuru K:** Affinity chromatography of several proteolytic enzymes on carbobenzoxy-D-phenylalanyltriethylenetetramine-sepha Int J Pept Protein Res 9(1):18–26, Jan 77
APOENZYMES, isolation & purification/ BACILLUS SUBTILIS, enzymology/ *CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN, isolation & purification/ PEPSIN, isolation & purification/ *PEPTIDE HYDROLASES, isolation & purification/ *POLYSACCHARIDES, analogs & derivatives/ RHIZOPUS, enzymology/ *SEPHAROSE, analogs & derivatives/ SUBTILISINS, isolation & purification/ THERMOLYSIN, isolation & purification/ ZINC

2853. **Fujiwara K, Tsuru D:** Purification of several proteolytic enzymes by tosyl- and carbobenzoxy-triethylene-tetramine-sepharoses. Int J Pept Protein Res 9(3):166–74, 1977
ACETYLATION/ ANIMAL/ CHROMATOGRAPHY/ CHYMOTRYPSIN, isolation & purification/ HYDROGEN-ION CONCENTRATION/ PEPSIN, isolation & purification/ *PEPTIDE HYDROLASES, isolation & purification/ *POLYSACCHARIDES/ SEPHAROSE, analogs & derivatives/ SEPHAROSE, chemical synthesis/ SUBTILISINS, isolation & purification/ THERMOLYSIN, isolation & purification/ TRYPSIN, isolation & purification

2854. **Fujiwara K, Inouye K, Tonomura B, et al:** Interaction of thiolsubtilisin with Streptomyces subtilisin inhibitor, SSI. J Biochem (Tokyo) 82(1):125–30, Jul 77
ACETATES, metabolism/ BINDING SITES/ CHLOROMERCURIBENZOATES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ NITROPHENOLS, metabolism/ *STREPTOMYCES/ *SUBTILISINS, antagonists & inhibitors/ *SUBTILISINS, metabolism/ SULFHYDRYL COMPOUNDS/ TRYPSIN

2855. **Fukami MH, Holmsen H, Salganicoff L:** Adenine nucleotide metabolism of blood platelets. IX. Time course of secretion and changes in energy metabolism in thrombin-treated platelets. Biochim Biophys Acta 444(3):633–43, 22 Oct 76
*ADENOSINE DIPHOSPHATE, blood/ *ADENOSINE MONOPHOSPHATE, blood/ *ADENOSINE TRIPHOSPHATE, blood/ ANTIMYCIN A, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ ENERGY METABOLISM/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPOXANTHINES, blood/ INOSINE NUCLEOTIDES, blood/ INOSINE, blood/ KINETICS/ OXYGEN CONSUMPTION/ *THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2856. **Fukao K:** [A solid-state immunoradiometric assay for plasminogen antigen (plasmin antigen) (author's transl)] Acta Haematol Jpn 39(6):890–6, Dec 76 (Eng. Abstr.) **(Jpn)**

ADULT/ *ANTIGENS, analysis/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIN, immunology/ HUMAN/ MALE/ MIDDLE AGE/ *PLASMINOGEN, immunology/ *RADIOIMMUNOASSAY, methods

2857. **Fukao K, Kashiwagi N, Kajiwara T, et al:** Urine plasmin-like substances as an index of kidney allograft rejections. Transplantation 23(5):407-13, May 77
CREATININE, blood/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, urine/ *FIBRINOLYSIN, urine/ *GRAFT REJECTION/ HUMAN/ *KIDNEY, transplantation/ TIME FACTORS/ TRANSPLANTATION, ALLOGENEIC/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2858. **Fukasawa T, Arai T, Naruse T, et al:** Hyperviscosity syndrome in a patient with systemic lupus erythematosus. Am J Med Sci 273(3):329-34, May-Jun 77
ADULT/ *BLOOD VISCOSITY/ CASE REPORT/ CHROMATOGRAPHY, AGAROSE/ FEMALE/ HUMAN/ IGA, metabolism/ IGG, metabolism/ IMMUNOELECTROPHORESIS/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ PARAPROTEINEMIAS, blood/ PARAPROTEINEMIAS, complications/ ULTRACENTRIFUGATION

2859. **Fukuda M, Tamura T, Abe T, et al:** [Clinical study of proliferative diabetic retinopathy (author's transl)] Acta Soc Ophthalmol Jpn 80(11):1514-25, 10 Nov 76 (Eng. Abstr.) **(Jpn)**
ADULT/ AGED/ *DIABETIC RETINOPATHY, blood/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION

2860. **Fukui H, Mikami S, Okuda T, et al:** [Separation of factor VIII and factor XIII from human plasma (author's transl)] Acta Haematol Jpn 39(2):163-9, APR 76 (Eng. Abstr.) **(Jpn)**
ENGLISH ABSTRACT/ *FACTOR VIII, isolation & purification/ *FACTOR XIII, isolation & purification/ HUMAN/ METHODS

2861. **Fukui H, Mikami S, Okuda T, et al:** Studies of von Willebrand factor: effects of different kinds of carbohydrate oxidases, SH-inhibitors and some other chemical reagents. Br J Haematol 36(2):259-70, Jun 77
ANTIGENS/ *BLOOD COAGULATION FACTORS, physiology/ BLOOD COAGULATION, drug effects/ FACTOR VIII, immunology/ *FACTOR VIII, physiology/ GLYCOSIDE HYDROLASES, pharmacodynamics/ HUMAN/ OXIDOREDUCTASES, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ PLATELET AGGREGATION/ SULFHYDRYL REAGENTS, pharmacodynamics/ *VON WILLEBRAND FACTOR, physiology

2862. **Fukunaga H, Hori S, Sahashi K, et al:** [Biochemical and histochemical studies on platelet serotonin of Duchenne muscular dystrophy--A new approach for carrier detection] Clin Neurol (Tokyo) 17(5):316-21, May 77 (Eng. Abstr.) **(Jpn)**
ADULT/ *BLOOD PLATELETS, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *MUSCULAR DYSTROPHY, blood/ MUSCULAR DYSTROPHY, familial & genetic/ *SEROTONIN, blood

2863. **Fukuschima T, Sato T, Takeichi K, et al:** Trypsin inhibitor in the serum in pregnancy and chorionic neoplasia. Acta Obstet Gynaecol Jpn 22(3):182-6, Jul 75
COMPARATIVE STUDY/ FEMALE/ HUMAN/ *PREGNANCY/ *TROPHOBLASTIC TUMOR, blood/ *TRYPSIN INHIBITORS, blood/ *UTERINE NEOPLASMS, blood

2864. **Fukushima H, Noumi T, Akamatsu Y, et al:** Clinical and serological observations of streptococcal infection. Yonago Acta Med 20(1):50-4, Apr 76
AGE FACTORS/ ANTIBODIES, BACTERIAL, analysis/ ANTISTREPTOLYSIN, analysis/ BLOOD SEDIMENTATION/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ SEX FACTORS/ STREPTOCOCCAL INFECTIONS, diagnosis/ *STREPTOCOCCAL INFECTIONS, immunology/ STREPTOKINASE, immunology

2865. **Fukutake K, Matsubara Y, Tamura H, et al:** [Determination of factors V,VII and X] Jpn J Clin Med 34 suppl:2425-32, 1976 (40 ref.) **(Jpn)**
DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FACTOR V DEFICIENCY, blood/ *FACTOR V, analysis/ *FACTOR VII, analysis/ FACTOR X DEFICIENCY, familial & genetic/ *FACTOR X, analysis/ FEMALE/ HUMAN/ HYPOPROCONVERTINEMIA, blood/ INFANT, NEWBORN/ LIVER DISEASES, blood/ MALE/ METHODS/ PREGNANCY/ REVIEW

2866. **Fulkerson JP, Carmany T:** Anaplastic tumor found in a hepatic hematoma: case report. Milit Med 142(5):395-6, May 77
*ANGIOSARCOMA, complications/ CASE REPORT/ CHILD/ *HEMATOMA, complications/ HUMAN/ *LIVER DISEASES, complications/ *LIVER NEOPLASMS, complications/ MALE

2867. **Fuller GM, Brinkley BR:** Structure and control of assembly of cytoplasmic microtubules in normal and transformed cells. J Supramol Struct 5(4):497(349)-514(366), 1976
ANTIBODIES/ CALCIUM, pharmacodynamics/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ COMPARATIVE STUDY/ CYTOPLASM, ultrastructure/ FLUORESCENT ANTIBODY TECHNIC/ MICROTUBULES, drug effects/ *MICROTUBULES, ultrastructure/ MITOSIS/ TRYPSIN, pharmacodynamics/ TUBULIN, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2868. **Fulton RM, Duckett K:** Plasma-fibrinogen and thromboemboli after myocardial infarction. Lancet 2(7996):1161-4, 27 Nov 76
ADULT/ AGED/ ASPARTATE AMINOTRANSFERASE, blood/ CREATINE KINASE, blood/ DIURNAL RHYTHM/ FEMALE/ *FIBRINOGEN, analysis/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, enzymology/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, occurrence/ TIME FACTORS

2869. **Fulton WF, Sumner DG:** Proceedings: I-Labelled fibrinogen, autoradiography, and stereoarteriography in identification of coronary thrombotic occlusion in fatal myocardial infarction. Br Heart J 38(8):880, Aug 76
ANGIOGRAPHY/ AUTORADIOGRAPHY/ *CORONARY DISEASE, diagnosis/ CORONARY DISEASE, radiography/ *FIBRINOGEN, diagnostic use/ HUMAN/ *MYOCARDIAL INFARCT, etiology

2870. **Fulton WF, ENG, Summer DJ:** The great circulatory paradox [letter] Lancet 2(8027):46, 2 Jul 77
AUTORADIOGRAPHY/ CORONARY DISEASE, complications/ *CORONARY DISEASE, pathology/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES/ ISOTOPE LABELING/ MYOCARDIAL INFARCT, etiology

2871. **Fumarola D, Pasquetto N, Brandonisio O, et al:** Sull'impiego del Limulus amebocyte lysate test per la verifica della contaminazione con pirogeni batterici in emoderivati utilizzati nell'area coagulativa
Riv Emoter Immunoematol 23(1-2):30-4, 1976 **(Ita)**
*ARTHROPODS/ *BACTERIA, isolation & purification/ *BLOOD COAGULATION/ BLOOD TRANSFUSION/ ENDOTOXINS, isolation & purification/ HUMAN/ *LIMULUS/ *PYROGENS, isolation & purification

2872. **Fumarola D, Jirillo E:** Osservazioni su alcuni effetti immunobiologici delle endotossine batteriche. Recent Prog Med (Roma) 62(6):623-48, Jun 77 (Eng. Abstr.) **(Ita)**
ANIMAL/ ANTIBODY FORMATION, drug effects/ ANTIBODY PRODUCING CELLS, drug effects/ BLOOD COAGULATION, drug effects/ CARDIOVASCULAR SYSTEM, drug effects/ COMPLEMENT, biosynthesis/ *ENDOTOXINS, pharmacodynamics/ ENGLISH ABSTRACT/

GRAFT VS HOST REACTION, drug effects/ HEMATOPOIETIC SYSTEM, drug effects/ HUMAN/ IMMUNOSUPPRESSION/ INFECTION, prevention & control/ INTERFERON, biosynthesis/ LIPID A, pharmacodynamics/ *LIPOPOLYSACCHARIDES, pharmacodynamics/ LIPOPOLYSACCHARIDES, therapeutic use/ LYMPHOCYTES, drug effects/ MACROPHAGES, drug effects/ NEOPLASMS, drug therapy/ *POLYSACCHARIDES, BACTERIAL, pharmacodynamics

2873. **Funakoshi Y, Iwai S, Kaneda H, et al:** Hemodynamic effects of locally applied epinephrine used with various general anesthetic techniques. J Oral Surg 35(9):713–8, Sep 77
ALCURONIUM/ ANALYSIS OF VARIANCE/ *ANESTHESIA, GENERAL/ *ANESTHETICS, pharmacodynamics/ ARRHYTHMIA, chemically induced/ ATROPINE/ BLOOD PRESSURE, drug effects/ CHILD, PRESCHOOL/ DIAZEPAM/ DROPERIDOL/ ELECTROCARDIOGRAPHY/ EPINEPHRINE, adverse effects/ *EPINEPHRINE, pharmacodynamics/ HALOTHANE, adverse effects/ HEART, drug effects/ *HEMODYNAMICS, drug effects/ HEMORRHAGE, etiology/ HEMOSTASIS, drug effects/ HUMAN/ INFANT/ NITROUS OXIDE/ PENTAZOCINE/ PLETHYSMOGRAPHY/ PREANESTHETIC MEDICATION/ PULSE, drug effects

2874. **Fung YC, Sobin SS:** Mechanics of pulmonary circulation. pp. 665–730.
In: Hwang NH, Normann NA, ed. Cardiovascular flow dynamics and measurements. Baltimore, Univ Park Press, 1977. WG 106 N111c 1975.
ANIMAL/ BIOMECHANICS/ BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ BLOOD VOLUME/ CAPILLARIES/ ELASTICITY/ EXTRACELLULAR SPACE/ GRAVITATION/ HUMAN/ HYDROSTATIC PRESSURE/ LUNG, blood supply/ MONOGRAPH/ PRESSURE/ PULMONARY ALVEOLI, anatomy & histology/ PULMONARY ALVEOLI, physiology/ *PULMONARY CIRCULATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2875. **Funiciello AM, Lazzari A, Zanardi R, et al:** Trattamento anticoagulante in chirurgia a cuore aperto
Minerva Anestesiol 43(2):115–21, Feb 77 **(Ita)**
*ANTICOAGULANTS, therapeutic use/ *HEART SURGERY, methods/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control

2876. **Funston MR, Levine E, Stables DP:** Spontaneous renal hemorrhage. Urology 8(6):610–7, Dec 76
ADULT/ AGED/ CASE REPORT/ FEMALE/ HEMATOMA, radiography/ *HEMORRHAGE/ HEMORRHAGE, etiology/ HEMORRHAGE, radiography/ HUMAN/ HYPERTENSION, diagnosis/ *KIDNEY DISEASES/ KIDNEY DISEASES, etiology/ KIDNEY DISEASES, radiography/ MALE/ MIDDLE AGE/ PAIN/ PERIARTERITIS NODOSA, radiography

2877. **Furie B, Furie BC:** Spectral changes in bovine factor X associated with activation by the venom coagulant protein of Vipera russelli. J Biol Chem 251(21):6807–14, 10 Nov 76
AMINO ACID SEQUENCE/ CIRCULAR DICHROISM/ ENZYME ACTIVATION, drug effects/ *FACTOR X/ FACTOR X, metabolism/ KINETICS/ PROTEIN BINDING/ *SNAKE VENOMS/ SNAKE VENOMS, pharmacodynamics/ SPECTROMETRY, FLUORESCENCE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2878. **Furie B, Greene E, Furie BC:** Syndrome of acquired factor X deficiency and systemic amyloidosis in vivo studies of the metabolic fate of factor X. N Engl J Med 297(2):81–5, 14 Jul 77
AMYLOIDOSIS, blood/ *AMYLOIDOSIS, complications/ AMYLOIDOSIS, metabolism/ ANIMAL/ BLOOD COAGULATION TESTS/ BLOOD VESSELS, metabolism/ CASE REPORT/ CATTLE/ *FACTOR X DEFICIENCY, complications/ FACTOR X DEFICIENCY, metabolism/ FACTOR X DEFICIENCY, therapy/ *FACTOR X, metabolism/ FACTOR X, administration & dosage/ FACTOR X, therapeutic use/ FACTOR X, urine/ HUMAN/ *HYPOPROTHROMBINEMIAS, complications/ IODINE RADIOISOTOPES, diagnostic use/ MALE/ MIDDLE AGE/ RABBITS/ SYNDROME/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2879. **Furie BC, Furie B:** Coagulant protein of Russell's viper venom. Methods Enzymol 45:191–205, 1976
ANIMAL/ *BLOOD COAGULATION/ CHROMATOGRAPHY, AFFINITY/ ENZYME ACTIVATION/ FACTOR X, metabolism/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ *SNAKE VENOMS/ SNAKE VENOMS, isolation & purification/ SNAKE VENOMS, pharmacodynamics

2880. **Furkalo NK, Dukhina MA, Bol'shakova RM, et al:** Vnutrisosudistye narusheniia mikrotsirkuliatsii i mikrotromboobrazovanie u bol'nykh khronicheskoĭ ishemicheskoĭ bolezn'iu serdtsa Kardiologiia 16(12):32–40, Dec 76 (Eng. Abstr.) **(Rus)**
ADULT/ BLOOD COAGULATION/ CORONARY DISEASE, blood/ CORONARY DISEASE, complications/ *CORONARY DISEASE, physiopathology/ ENGLISH ABSTRACT/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, etiology/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEPARIN, blood/ HUMAN/ HYPERTENSION, complications/ KALLIKREIN, blood/ KININOGENS, blood/ MALE/ *MICROCIRCULATION, physiopathology/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *THROMBOSIS, etiology

2881. **Furkalo NK, Bol'shakova RM, Progonnaia VV, et al:** Sravnitel'nyĭ analiz sostoianiia gemokoaguliatsii i nekotorykh pokazateleĕ sistemy mikrotsirkuliatsii u bol'nykh koronarnym aterosklerozom i gipertonicheskoĭ bolezn'iu v vozrastnom aspekte Kardiologiia 16(3):25–33, Mar 76 (Eng. Abstr.) **(Rus)**
ADAPTATION, PHYSIOLOGICAL/ ADULT/ AGE FACTORS/ AGED/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ COMPARATIVE STUDY/ CONJUNCTIVA, blood supply/ *CORONARY DISEASE, physiopathology/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ *HYPERTENSION, physiopathology/ *MICROCIRCULATION/ MIDDLE AGE/ RETINAL VESSELS, physiopathology

2882. **Furlan M, Beck EA:** Strukturmodell von Faktor-VIII-Komplex Schweiz Med Wochenschr 106(40):1378, 2 Oct 76 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ *FACTOR VIII, analysis/ HUMAN/ PEPTIDE HYDROLASES/ *PROTEIN CONFORMATION

2883. **Furlan M, Seelich T, Beck EA:** Clottability and cross-linking reactivity of fibrin(ogen) following differential release of fibrinopeptides A and B. Thromb Haemostas 36(3):582–92, 31 Dec 76
*BLOOD COAGULATION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR XIII/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ *FIBRINOPEPTIDES A, metabolism/ *FIBRINOPEPTIDES B, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PROTEIN CONFORMATION/ SNAKE VENOMS, pharmacodynamics/ SOLUBILITY/ THROMBIN, pharmacodynamics/ TIME FACTORS

2884. **Furlan M, Beck EA:** Degradation of purified factor VIII by endogenous contaminating enzymes. Thromb Res 10(1):153–8, Jan 77
ANTIGENS/ *BLOOD COAGULATION FACTORS, isolation & purification/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR VIII, immunology/ *FACTOR

VIII, isolation & purification/ HUMAN/ *PEPTIDE HYDROLASES, metabolism/ *VON WILLEBRAND FACTOR, isolation & purification

2885. **Furlan M, Jakab T, Beck EA:** Dissociation of human factor VIII BY Rhizopus lipase. Thromb Res 10(3):431–43, Mar 77
CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRINOGEN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LIPASE, antagonists & inhibitors/ *LIPASE, pharmacodynamics/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, metabolism/ *RHIZOPUS, enzymology/ *THROMBOPLASTIN, metabolism

2886. **Furlan M, Jakab T, Beck EA:** Lipolytic versus proteolytic degradation of human factor VIII. Thromb Res 10(3):445–56, Mar 77
CALCIUM, pharmacodynamics/ CHROMATOGRAPHY, GEL/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR VIII, metabolism/ *FIBRINOLYSIN, pharmacodynamics/ HUMAN/ *LIPASE, pharmacodynamics/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, metabolism/ RHIZOPUS, enzymology

2887. **Furtel' VA:** Vliianie nerobola na pokazateli koakulogrammy u bol'nykh revmatizmom s nedostatochnost'iu krovoobrashcheniia stepeni. Vrach Delo (6):38–9, Jun 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *METHANDROSTENOLONE, pharmacodynamics/ METHANDROSTENOLONE, therapeutic use/ MIDDLE AGE/ *RHEUMATISM, blood/ RHEUMATISM, drug therapy

2888. **Furugren B, Andersson LO, Einarsson R:** Small-angle x-ray scattering studies on human antithrombin III and its complex with heparin. Arch Biochem Biophys 178(2):419–24, 30 Jan 77
*ANTITHROMBINS/ *HEPARIN/ HUMAN/ PROTEIN BINDING/ PROTEIN CONFORMATION/ X-RAY DIFFRACTION

2889. **Furukawa S, Hayashi K:** Isolation and characterization of nerve growth factor from the venom of Naja naja atra. J Biochem (Tokyo) 80(5):1001–9, Nov 76
AMINO ACIDS, analysis/ MOLECULAR WEIGHT/ *NERVE GROWTH FACTOR, analysis/ NERVE GROWTH FACTOR, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *SNAKE VENOMS, analysis

2890. **Furukawa T, Tachikawa J, Tanabe H, et al:** [A surgical treatment of macrocheilia due to hemangioma of the lip (author's transl)] Jpn J Oral Surg 20(1):59–64, 1974 **(Jpn)**
ADULT/ CASE REPORT/ *HEMANGIOMA, complications/ HEMANGIOMA, surgery/ HUMAN/ LIP DISEASES, etiology/ *LIP DISEASES, surgery/ *LIP NEOPLASMS, complications/ LIP NEOPLASMS, surgery/ MALE

2891. **Furukawa Y, Matsunaga Y, Hayashi K:** Purification and characterization of a coagulant protein from the venom of Russell's viper. Biochim Biophys Acta 453(1):48–61, 26 Nov 76
AMINO ACIDS, analysis/ ANIMAL/ *BLOOD COAGULATION/ CARBOHYDRATES, analysis/ CATTLE/ ESTERASES, analysis/ FACTOR X/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ *PROTEINS/ PROTEINS, isolation & purification/ *SNAKE VENOMS

2892. **Furukawa Y, Hayashi K:** Factor X converting and thrombin-like activities of Bothrops jararaca snake venom. Toxicon 15(2):97–105, 1977
ANIMAL/ BLOOD COAGULATION, drug effects/ CHEMISTRY/ CHROMATOGRAPHY, GEL/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR X, metabolism/ HEAT/ IN VITRO/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ SNAKE VENOMS, analysis/ *SNAKE VENOMS, pharmacodynamics/ *THROMBIN/ TIME FACTORS

2893. **Furuta I, Akiyama T, Tomioka S:** [The rapid measurement for platelet volume (author's transl)] Jpn J Clin Pathol 24(9):742–3, Sep 76 **(Jpn)**
*BLOOD PLATELETS, cytology/ HUMAN/ METHODS

2894. **Fushimi H, Tarui S:** Retina, tear and serum beta-N-acetylglucosaminidase activities in diabetic patients. Clin Chim Acta 71(1):1–8, 16 Aug 76
ACETYLGLUCOSAMINIDASE, blood/ *ACETYLGLUCOSAMINIDASE, metabolism/ ANIMAL/ BLOOD PLATELETS, enzymology/ DIABETES MELLITUS, chemically induced/ *DIABETES MELLITUS, enzymology/ *GLUCOSAMINIDASE, metabolism/ HUMAN/ KIDNEY, enzymology/ LYMPHOCYTES, enzymology/ MALE/ ORGAN SPECIFICITY/ RATS/ *RETINA, enzymology/ SALIVA, enzymology/ SPECIES SPECIFICITY/ STREPTOZOTOCIN/ *TEARS, enzymology

2895. **Fusková A, Proksa B, Fuska J:** In vitro effect of duclauxin and derivatives of coumarin on nucleic acid and protein synthesis in Ehrlich's Ascites Carcinoma cells (EAC). Pharmazie 32(5):291–3, May 77
ANIMAL/ *CARCINOMA, EHRLICH TUMOR, metabolism/ CARCINOMA, EHRLICH TUMOR, pathology/ CELL DIVISION, drug effects/ *COUMARINS, pharmacodynamics/ *DNA, NEOPLASM, biosynthesis/ IN VITRO/ *NEOPLASM PROTEINS, biosynthesis/ NUCLEIC ACID PRECURSORS, metabolism/ *RNA, NEOPLASM, biosynthesis

2896. **Füst G, Székely J, Gerö S:** Circulating immune complexes in vascular diseases [letter]. Lancet 1(8004):193–4, 22 Jan 77
*ANTIGEN-ANTIBODY COMPLEX/ ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, immunology/ COMPLEMENT 1/ COMPLEMENT, antagonists & inhibitors/ HUMAN/ SOLUBILITY/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, immunology

2897. **Füst G, Székely J, Szondy E, et al:** Keringö immunkomplexek vizsgálata érbetegségekben (elözetes közlemény). Orv Hetil 118(26):1520–3, 26 Jun 77 **(Hun)**
*ANTIGEN-ANTIBODY COMPLEX/ ARTERIOSCLEROSIS, immunology/ CEREBRAL EMBOLISM AND THROMBOSIS, immunology/ CORONARY DISEASE, immunology/ HUMAN/ THROMBOPHLEBITIS, immunology/ *VASCULAR DISEASES, immunology

2898. **Fuster V, Lewis JC, Kottke BA, et al:** Platelet factor 4-like activity in the initial stages of atherosclerosis in pigeons. Thromb Res 10(1):169–72, Jan 77
AGING/ ANIMAL/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ ATHEROSCLEROSIS, pathology/ *BLOOD COAGULATION FACTORS/ PIGEONS/ *PLATELET FACTOR 4/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2899. **Fuyamada H, Hino M, Nagatsu T, et al:** Serum glyccylproline p-nitroanilidase activity in human hypertension. Clin Chim Acta 74(2):177–81, 17 Jan 77
ADULT/ AGED/ AMINO ACID NAPHTHYLAMIDASES, blood/ DIPEPTIDES/ HUMAN/ HYPERTENSION, drug therapy/ *HYPERTENSION, enzymology/ MALE/ MIDDLE AGE/ *PEPTIDE PEPTIDOHYDROLASES, blood

2900. **Fyffe JA, Harrower AD:** The measurement of T3 in plasma specimens. Clin Chim Acta 72(2):261–3, 15 Oct 76
HEPARIN, blood/ HUMAN/ METHODS/ MICROCHEMISTRY/ PLASMA/ REGRESSION ANALYSIS/ *TRIIODOTHYRONINE, blood

2901. **Fyrand O, Solum NL:** Studies on cold insoluble globulin in dermatological patients. I. Immunochemical quantitation in citrated plasma from patients with increased amounts of heparin precipitable fraction (HPF).

Thromb Res 9(5):447–55, Nov 76
ADULT/ AGE FACTORS/ ANALYSIS OF VARIANCE/ *CITRATES, pharmacodynamics/ *CRYOGLOBULINS, analysis/ FEMALE/ FRACTIONAL PRECIPITATION/ *HEPARIN, pharmacodynamics/ HUMAN/ *IMMUNOASSAY/ MALE/ MIDDLE AGE/ PSORIASIS, immunology/ SEX FACTORS/ *SKIN DISEASES, immunology

G

2902. **Gabbiani G:** Reparative processes in mammalian wound healing: the role of contractile phenomena. Int Rev Cytol 48:187–219, 1977
ANIMAL/ CICATRIX, pathology/ COLLAGEN, metabolism/ CONTRACTURE, pathology/ DUPUYTREN'S CONTRACTURE, pathology/ EPITHELIAL CELLS, physiology/ FIBROBLASTS, physiology/ FIBROBLASTS, ultrastructure/ GLYCOPROTEINS, physiology/ GRANULATION TISSUE, cytology/ GRANULATION TISSUE, drug effects/ *GRANULATION TISSUE, physiology/ HEMOSTASIS/ HUMAN/ INFLAMMATION/ MOVEMENT, drug effects/ MUSCLE, SMOOTH, cytology/ PROTEOGLYCANS, physiology/ SEROTONIN, pharmacodynamics/ *WOUND HEALING

2903. **Gabel D, Kasche V:** Conformational transitions in immobilized proteases. Methods Enzymol 44:526–38, 1976
*CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ *ENZYMES, IMMOBILIZED/ ENZYMES, IMMOBILIZED, metabolism/ GELS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHODS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ TEMPERATURE/ THERMODYNAMICS/ *TRYPSIN/ TRYPSIN, metabolism/ UREA

2904. **Gabrial GN, Morcos SR:** The use of Lupinus termis L. cultivated in Egypt, as a food protein supplement. Z Ernaehrungswiss 15(4):333–9, Dec 76
ALKALOIDS, analysis/ AMINO ACIDS, analysis/ ANIMAL/ DIETARY PROTEINS, standards/ EGYPT/ FOOD, FORTIFIED/ GLUCOSIDES, analysis/ HEAT/ LYSINE/ METHIONINE/ PLANT AGGLUTININS, analysis/ *PLANT PROTEINS/ PLANT PROTEINS, analysis/ PLANT PROTEINS, metabolism/ RATS/ SEEDS/ TOXINS, analysis/ TRYPSIN INHIBITORS, analysis/ *VEGETABLES/ VEGETABLES, standards

2905. **Gabriel W, Döring H, Prengel C:** Lebensbedrohliche Verlegung der Trachea nach intubation bei Morbus Willebrand-Jürgens Prakt Anaesth 11(5):349–53, Oct 76 (Eng. Abstr.) **(Ger)**
ADULT/ BLOOD COAGULATION DISORDERS, etiology/ CASE REPORT/ *DYSPNEA, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *INTUBATION, INTRATRACHEAL, adverse effects/ RESPIRATION, ARTIFICIAL/ SURGERY, ORAL/ TRACHEAL STENOSIS, etiology/ *VON WILLEBRAND'S DISEASE, complications

2906. **Gabriel W:** Anästhesiologisches Vorgehen bei Atemnot als Folge von Fibrinausgüssen in Larynx und Trachea. Prakt Anaesth 12(1):52–9, Feb 77 **(Ger)**
ADOLESCENCE/ ADULT/ *AIRWAY OBSTRUCTION, complications/ DYSPNEA, etiology/ *DYSPNEA, therapy/ FEMALE/ FIBRIN/ HUMAN/ INTUBATION, INTRATRACHEAL, adverse effects/ PNEUMONIA, VIRAL, complications/ SUCCINYLCHOLINE/ TRACHEITIS, etiology/ TRACHEOTOMY/ TUBOCURARINE

2907. **Gabuniia RI, Ikonnikov AI:** Ispol'zovanie mikroagregatov al'bumina-131I dlia otsenki proteoliticheskoĭ i fagotsitarnoĭ funktsiĭ pecheni. Med Radiol (Mosk) 22(5):3–7, May 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ CHOLECYSTITIS, diagnosis/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HEPATITIS, diagnosis/ HUMAN/ LIVER CIRRHOSIS, diagnosis/ *LIVER FUNCTION TESTS, methods/ *LIVER, physiopathology/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, metabolism/ *PHAGOCYTOSIS/ *SERUM ALBUMIN, RADIO-IODINATED, diagnostic use

2908. **Gacyk W, Dybicki J:** Trudności w leczeniu krwawień z żylaków przełyku u chorego z zakrzepicą żyły wrotnej Pol Przegl Chir 49(4):467–9, Apr 77 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ CASE REPORT/ ENGLISH ABSTRACT/ *ESOPHAGEAL VARICES, complications/ ESOPHAGEAL VARICES, surgery/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE/ *PORTAL VEIN/ POSTOPERATIVE COMPLICATIONS/ *THROMBOPHLEBITIS, complications

2909. **Gadski RA, Chae CB:** Effect of proteolysis of transcriptional fidelity of reconstituted chromatin. Biochemistry 16(15):3465–9, 26 Jul 77
ANIMAL/ CELL NUCLEUS, metabolism/ *CHROMATIN, metabolism/ ESCHERICHIA COLI, enzymology/ KINETICS/ LIVER, metabolism/ MOLECULAR WEIGHT/ NUCLEIC ACID HYBRIDIZATION/ *PEPTIDE HYDROLASES, metabolism/ RATS/ RNA POLYMERASES, metabolism/ *TRANSCRIPTION, GENETIC/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2910. **Gaebert AK:** Isolation of thrombin-like factors from Malayan pit viper venom by affinity chromatography. Toxicon 15(3):217–24, 1977
CASEIN, metabolism/ CHROMATOGRAPHY, AFFINITY/ COAGULANTS/ MOLECULAR WEIGHT/ *SNAKE VENOMS, analysis/ SNAKE VENOMS, pharmacodynamics/ *THROMBIN, isolation & purification

2911. **Gaertner FH, Cole KW:** The protease problem in Neurospora. Structural modification of the arom multienzyme system during its extraction and isolation. Arch Biochem Biophys 177(2):566–73, Dec 76
ALCOHOL OXIDOREDUCTASES, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MOLECULAR WEIGHT/ *MULTIENZYME COMPLEXES/ MULTIENZYME COMPLEXES, isolation & purification/ MULTIENZYME COMPLEXES, metabolism/ *NEUROSPORA CRASSA, enzymology/ *NEUROSPORA, enzymology/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SHIKIMIC ACID/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

2912. **Gafà M, Pouché A, Pezza V, et al:** Correlazioni tra quadri flebografici ed istologici nella trombosi venosa sperimentale. Chir Patol Sper 24(5):357–73, Oct 76 (Eng. Abstr.) **(Ita)**
ANIMAL/ DOGS/ ENGLISH ABSTRACT/ *PHLEBOGRAPHY/ *THROMBOPHLEBITIS, pathology/ THROMBOPHLEBITIS, radiography

2913. **Gaffin SL:** The clotting of the lysed white cells of Limulus induced by endotoxin--I: Preparation and characterization of clot-forming proteins. Biorheology 13(5):273–80, Nov 76
AMINO ACIDS, analysis/ ANIMAL/ *BLOOD COAGULATION/ BLOOD PROTEINS, analysis/ *ENDOTOXINS, analysis/ *LEUKOCYTES/ LIMULUS/ POLYMERS, analysis

2914. **Gaffney PJ, Mahmoud M, Kirkwood TB:** Quantitative immuno-recognition by a radial diffusion technique. J Immunol Methods 14(1):25–9, 1977
ANIMAL/ *ANTIGENS, analysis/ BABOONS/ CROSS REACTIONS/ FIBRINOGEN, analysis/ GEL DIFFUSION TESTS, methods/ HUMAN/ MONKEYS

2915. **Gaffney PJ:** Fibrin(-ogen) interactions with plasmin. Haemostasis 6(1):2–25, 1977 (83 ref.)
AMINO ACID SEQUENCE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS/ HUMAN/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS/ REVIEW

2916. **Gaffney PJ, Lord K, Brasher M, et al:** Problems in the assay of thrombin using synthetic peptides as substrates. Thromb Res 10(4):549–56, Apr 77
ANILIDES/ ANIMAL/ *BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, methods/ *BLOOD COAGULATION TESTS, standards/ CATTLE/ FIBRINOGEN/ INDICATORS AND REAGENTS/ *OLIGOPEPTIDES/ *THROMBIN, analysis

2917. **Gaffney PJ, Brasher M, Lord K, et al:** Activation of plasminogen as a feature in its assay. Haemostasis 6(1):72–88, 1977
CASEIN, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRINOLYSIN, metabolism/ HUMAN/ *PLASMINOGEN, isolation & purification/ PROTEIN PRECURSORS, metabolism/ STREPTOKINASE, pharmacodynamics/ UROKINASE, pharmacodynamics

2918. **Gafter U, Mandel EM, Weiss S, et al:** Primary fibrinolysis and spontaneous rupture of the spleen in acute lymphoblastic leukemia. Acta Haematol (Basel) 56(6):355–9, 1976
CASE REPORT/ *FIBRINOLYSIS/ HUMAN/ LEUKEMIA, LYMPHOBLASTIC, blood/ *LEUKEMIA, LYMPHOBLASTIC, complications/ LEUKEMIA, LYMPHOBLASTIC, therapy/ MALE/ MIDDLE AGE/ *SPLENIC RUPTURE, etiology

2919. **Gafter U, Weiss S, Mandel M, et al:** [Disseminated intravascular coagulation and primary fibrinolysis in acute leukemia] Harefuah 92(5):212–4, 1 Mar 77 (Eng. Abstr.) **(Heb)**
ACUTE DISEASE/ AMINOCAPROIC ACIDS, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ *LEUKEMIA, complications

2920. **Gagne C, Brun D, Moorjani S, et al:** Hyperchylomicronémie familiale: étude de l'activité lipolytique dans une famille Union Med Can 106(3):333–8, Mar 77 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ CHILD/ *CHYLOMICRONS, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERLIPEMIA, ESSENTIAL FAMILIAL, enzymology/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, deficiency/ MALE/ MIDDLE AGE

2921. **Gagnon JH, Greenblat CS:** Health care planning and education via gaming–simulation: a two–stage experiment. Health Educ Monogr 5 suppl 1:42–52, 1977
*GAME THEORY/ *GAMES, EXPERIMENTAL/ *HEALTH AND WELFARE PLANNING/ *HEALTH EDUCATION/ *HEMOPHILIA/ HUMAN/ MODELS, THEORETICAL/ QUALITY OF HEALTH CARE/ ROLE PLAYING

2922. **Galatioto S, Cavallari V, Cambria S:** Studio ultrastrutturale sulla 'glia reattiva' in corso di flogosi e neoplasie Acta Neurol (Napoli) 31(4):456–65, Jul–Aug 76 **(Ita)**
ASTROCYTES, ultrastructure/ BRAIN ABSCESS, pathology/ *BRAIN DISEASES, pathology/ *BRAIN NEOPLASMS, ultrastructure/ HUMAN/ *NEUROGLIA, ultrastructure/ NEURONS, ultrastructure/ THROMBOPHLEBITIS, pathology

2923. **Gale RP:** Bone marrow transplantation in severe aplastic anemia. pp. 47–54.
In: Human bone marrow transplantation. Washington, American Assoc. of Blood Banks, 1976. WH 380 S989h 1976.
*ANEMIA, APLASTIC, therapy/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ *BONE MARROW CELLS, transplantation/ GRAFT VS HOST REACTION/ GRANULOCYTES/ HISTOCOMPATIBILITY/ HUMAN/ IMMUNOSUPPRESSION/ LEUKOCYTE CULTURE TEST, MIXED/ LIFE EXPECTANCY/ METHOTREXATE, therapeutic use/ MONOGRAPH/ PREDNISONE, therapeutic use/ *TRANSPLANTATION, HOMOLOGOUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2924. **Galili U, Klein E, Schlesinger M:** Human T lymphocyte receptors for sheep red blood cells and specific antigens: are they identical sites on the cell membrane? J Immunol 119(1):104–9, Jul 77
*ANTIGENIC DETERMINANTS/ ANTILYMPHOCYTE SERUM, pharmacodynamics/ *BINDING SITES, ANTIBODY/ CELL LINE/ CELL MEMBRANE, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *ERYTHROCYTES, immunology/ HUMAN/ IMMUNOLOGIC TECHNICS/ SHEEP/ *T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics

2925. **Galili U, Brautbar C, Schlesinger M:** Association between HLA determinants and complement receptors on human lymphocytes. Tissue Antigens 10(2):99–107, Aug 77
*ANTIGENIC DETERMINANTS/ BETA 2 MICROGLOBULIN, immunology/ BINDING SITES, ANTIBODY/ CELL MEMBRANE, immunology/ COMPLEMENT/ *HISTOCOMPATIBILITY ANTIGENS/ *HL-A/ HUMAN/ IMMUNOLOGIC TECHNICS/ *LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics

2926. **Galindo N, Ossó J, Conill C, et al:** El síndrome de Paget – Von Schrötter. Presentación de seis casos Angiologia 29(1):15–9, Jan–Feb 77 (Eng. Abstr.) **(Spa)**
ADOLESCENCE/ ADULT/ *AXILLARY VEIN/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SYNDROME/ *THROMBOSIS, diagnosis

2927. **Galiński J:** Staphylococcus aureus strains of phage group II and their possible relation to animal staphylococci. 2. Biochemical properties. Zentralbl Bakteriol [Orig A] 236(1):10–5, Oct 76
ANIMAL/ COAGULASE, analysis/ HEMOLYSINS, analysis/ HUMAN/ SEROTYPING/ STAPHYLOCOCCAL PHAGES/ STAPHYLOCOCCUS AUREUS, analysis/ *STAPHYLOCOCCUS AUREUS, classification/ STAPHYLOCOCCUS AUREUS, pathogenicity

2928. **Galkina TA, Bondarchuk AA, Pasechnik AM:** Vydilennia proteolitychnykh fermentiv z Bacillus mesentericus ta vyvchennia ïkh vlastyvosteĭ. Mikrobiol Zh 39(3):286–9, 1977 (Eng. Abstr.) **(Ukr)**
*BACILLUS, enzymology/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism

2929. **Gall WE, Ohsumi Y:** Decondensation of sperm nuclei in vitro. Exp Cell Res 102(2):349–58, 15 Oct 76
ACROSOME, ultrastructure/ ANIMAL/ CELL MEMBRANE, ultrastructure/ CELL NUCLEUS, drug effects/ CELL NUCLEUS, ultrastructure/ *DITHIOTHREITOL, pharmacodynamics/ GLUTATHIONE, pharmacodynamics/ GUINEA PIGS/ HYDROLASES, pharmacodynamics/ MERCAPTOETHANOL, pharmacodynamics/ MICE/ *PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS/ RATS/ SPERM HEAD, drug effects/ *SPERM HEAD, ultrastructure/ *SPERMATOZOA, ultrastructure/ TOSYLLYSINE CHLOROMETHYL KETONE, pharmacodynamics/ TOSYLPHENYLALANYL CHLOROMETHYL KETONE, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2930. **Gallizia GF, Schianca SC, Salomone A:** Contribution clinique à l'étude des hypertensions rénino–dépendantes J Urol Nephrol (Paris) 82(7–8):690–3, Jul–Aug 76 **(Fre)**
ADULT/ CASE REPORT/ FEMALE/ HEMATOMA, complications/ HUMAN/ *HYPERTENSION, RENAL, etiology/ HYPERTENSION, RENAL, surgery/ INFARCTION/ *KIDNEY, blood supply/ MALE/ MIDDLE AGE/ NEPHRECTOMY/ RENAL ARTERY OBSTRUCTION, complications/ *RENIN, blood

2931. **Gallus AS, Hirsh J:** Antithrombotic drugs: part II. Drugs 12(2):132–57, 1976 (219 ref.)
ANABOLIC STEROIDS, therapeutic use/ ANIMAL/ ARVIN, adverse effects/ ARVIN, pharmacodynamics/ ARVIN, therapeutic use/ ASPIRIN, therapeutic use/ BLOOD PLATELETS, drug effects/ CLOFIBRATE, therapeutic use/ DEXTRAN, adverse effects/ DEXTRAN, pharmacodynamics/ DEXTRAN, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ *FIBRINOLYTIC AGENTS/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ HYDROXYCHLOROQUINE, therapeutic use/ MYOCARDIAL INFARCT, drug therapy/ PLASMINOGEN ACTIVATORS, therapeutic use/ REVIEW/ STREPTOKINASE, therapeutic use/ SULFINPYRAZONE, therapeutic use/ THROMBOEMBOLISM, drug therapy/ THROMBOPHLEBITIS, prevention & control/ UROKINASE, therapeutic use

2932. **Gallus AS, Hirsh J:** Antithrombotic drugs: part I. Drugs 12(1):41–68, 1976 (192 ref.)
ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ ANTIDOTES, therapeutic use/ DRUG INTERACTIONS/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ FIBRINOLYTIC AGENTS, therapeutic use/ HEMOSTASIS, drug effects/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ REVIEW/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, physiopathology/ THROMBOSIS, drug therapy/ THROMBOSIS, physiopathology/ VITAMIN K, antagonists & inhibitors

2933. **Gallus AS:** Venous thromboembolism: incidence and clinical risk factors. pp. 1–32.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976. (161 ref.)
ADOLESCENCE/ ADULT/ AGED/ AGING/ BLOOD GROUPS/ CHILD/ CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ ETHNIC GROUPS/ FEMALE/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ IMMOBILIZATION/ LEG, blood supply/ MIDDLE AGE/ MONOGRAPH/ NEOPLASMS, complications/ OBESITY, complications/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, occurrence/ REVIEW/ RISK/ THROMBOEMBOLISM, diagnosis/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, occurrence/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, occurrence/ VARICOSE VEINS, complications

2934. **Gallus AS, Hirsh J:** Prevention of venous thromboembolism. Semin Thromb Hemostas 2(4):232–90, Apr 76 (207 ref.)
ABDOMEN, surgery/ ADMINISTRATION, ORAL/ ANTICOAGULANTS, therapeutic use/ ARVIN, therapeutic use/ AUTOPSY/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ DEXTRAN, therapeutic use/ FIBRINOLYSIS, drug effects/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HIP, surgery/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ LEG, radiography/ MYOCARDIAL INFARCT, prevention & control/ PHLEBOGRAPHY/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, mortality/ PULMONARY EMBOLISM, prevention & control/ RADIONUCLIDE IMAGING/ REGIONAL BLOOD FLOW/ REVIEW/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, mortality/ *THROMBOPHLEBITIS, prevention & control

2935. **Gallus AS, Hirsh J:** Treatment of venous thromboembolic disease. Semin Thromb Hemostas 2(4):291–331, Apr 76 (260 ref.)
ADMINISTRATION, ORAL/ ANTICOAGULANTS, pharmacodynamics/ ARVIN, therapeutic use/ BLOOD COAGULATION TESTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG ADMINISTRATION SCHEDULE/ FEMALE/ FIBRINOLYSIS, drug effects/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ PLASMINOGEN ACTIVATORS, blood/ PREGNANCY/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, surgery/ REVIEW/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, surgery/ *THROMBOPHLEBITIS, therapy/ UROKINASE, therapeutic use/ VITAMIN K, antagonists & inhibitors

2936. **Gallus AS, Hirsh J, Hull R, et al:** Diagnosis of venous thromboembolism. Semin Thromb Hemostas 2(4):203–31, Apr 76 (159 ref.)
DOPPLER EFFECT/ FIBRINOGEN, metabolism/ FLOWMETERS/ HUMAN/ IODINE RADIOISOTOPES/ LEG, radiography/ LUNG, radiography/ PHLEBOGRAPHY/ PLETHYSMOGRAPHY/ PULMONARY ARTERY, radiography/ PULMONARY EMBOLISM, diagnosis/ RADIONUCLIDE IMAGING/ RECURRENCE/ REVIEW/ THORACIC RADIOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS/ VEINS, anatomy & histology

2937. **Gallus AS, Hirsch J, Cade JF, et al:** Thrombolysis with a combination of small doses of streptokinase and full doses of heparin. Semin Thromb Hemostas 2(1):14–32, Jul 75
ANIMAL/ BLOOD COAGULATION TESTS/ DISEASE MODELS, ANIMAL/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG THERAPY, COMBINATION/ *FIBRINOLYTIC AGENTS, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ PULMONARY EMBOLISM, drug therapy/ *STREPTOKINASE, therapeutic use/ THROMBOEMBOLISM, drug therapy/ TIME FACTORS

2938. **Galoyan AA:** Neuropeptides and proteins. pp. 651–57.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
AMINO ACIDS, analysis/ ANIMAL/ BRAIN, drug effects/ BRAIN, enzymology/ CORONARY CIRCULATION, drug effects/ DOGS/ HEART, drug effects/ *HEART, physiology/ *HYPOTHALAMUS, physiology/ LH-FSH RELEASING HORMONE, pharmacodynamics/ MONOGRAPH/ *NERVE TISSUE PROTEINS, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, pharmacodynamics/ *PITUITARY GLAND, POSTERIOR, physiology/ THYROTROPIN RELEASING HORMONE, pharmacodynamics

2939. **Galton DJ, Clifton-Bligh P, Reckless JP:** The hypertriglyceridaemias: a heterogeneous group of metabolic disorders. Biochem Soc Trans 4(4):585–9, 1976
ADIPOSE TISSUE, metabolism/ DIABETES MELLITUS, metabolism/ FASTING/ GLYCERIN, metabolism/ HUMAN/ INSULIN, blood/ KINETICS/ LIPASE, metabolism/ *LIPID METABOLISM, INBORN ERRORS, metabolism/ LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, VLDL, metabolism/ LIVER, enzymology/ PALMITIC ACIDS, metabolism/ PHOSPHOLIPASE, metabolism/ *TRIGLYCERIDES, metabolism

2940. **Galushkin AN, Kotovshchikova MA, Neplokh EG:** Ispol'zovanie mikrokolichestv kapilliarnoĭ krovi dlia registratsii tromboélastogramm. Nov Med Tekh (3):60–1, 1976 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION DISORDERS, diagnosis/ CAPILLARIES/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ *THROMBELASTOGRAPHY, methods/ VEINS

2941. **Galvão MM, de Oliveira Stivanin HL, Langer B, et al:** Hemostasia em urêmicos, valor do teste de Ivy

Rev Hosp Clin Fac Med Sao Paulo 31(6):442–5, Nov–Dec 76 (Eng. Abstr.) **(Por)**
BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HEMODIALYSIS/ *HEMOSTASIS/ HUMAN/ KIDNEY FAILURE, CHRONIC, surgery/ KIDNEY FAILURE, CHRONIC, therapy/ KIDNEY, transplantation/ POSTOPERATIVE COMPLICATIONS, blood/ TRANSPLANTATION, HOMOLOGOUS/ *UREMIA, blood

2942. **Galvin MJ, Lefer AM:** Preservation of hepatic cell integrity by aprotinin in hypoxia. Life Sci 20(12):1969–78, 15 Jun 77
AMINES, metabolism/ ANIMAL/ *ANOXIA, metabolism/ CARBON/ CATHEPSIN, secretion/ CATS/ FEMALE/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LACTATE DEHYDROGENASE, secretion/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ RETICULOENDOTHELIAL SYSTEM, drug effects/ RETICULOENDOTHELIAL SYSTEM, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2943. **Gambarin BL:** Elektricheskaia koaguliatsiia v khirurgii ven nizhnikh konechnosteĭ Khirurgiia (Mosk) (8):47–50, Aug 76 (Eng. Abstr.) **(Rus)**
*ELECTROCOAGULATION/ ELECTROCOAGULATION, adverse effects/ ENGLISH ABSTRACT/ HUMAN/ *THROMBOPHLEBITIS, surgery/ UZBEKISTAN/ *VARICOSE VEINS, surgery

2944. **Gammill SL:** CAT scan of the month. J Tenn Med Assoc 70(5):336–342, May 77
ADULT/ CASE REPORT/ *CEREBRAL HEMORRHAGE, radiography/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMATOMA, radiography/ HUMAN/ TEMPORAL BONE, injuries/ *TOMOGRAPHY, COMPUTERIZED AXIAL/ VENTRICULOGRAPHY, CEREBRAL

2945. **Gander MP, Judkins MP:** Advances in coronary arteriography using the Judkins technique. pp. 26–31. In: Lichtlen PR, ed. Coronary angiography and angina pectoris. Stuttgart, Thieme, 1976. WG 300 C819 1975.
CATHETERIZATION, instrumentation/ *CATHETERIZATION, methods/ *CORONARY VESSELS, radiography/ FEMORAL ARTERY/ HUMAN/ MONOGRAPH/ THROMBOEMBOLISM, prevention & control

2946. **Gandolfo GM, Afeltra A, Amoroso A, et al:** Circulating anticoagulant against Factor XII and platelet antibodies in systemic lupus erythematosus. Acta Haematol (Basel) 57(3):135–42, 1977
ADULT/ *ANTIBODIES/ *ANTICOAGULANTS, blood/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, immunology/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, immunology/ CASE REPORT/ *FACTOR XII, immunology/ FEMALE/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology

2947. **Ganel A, Adar A:** Intravenous streptokinase treatment for ergot-induced vascular insufficiency [letter] Surgery 82(3):414, Sep 77
*ARM, blood supply/ *ERGOTAMINE, adverse effects/ FEMALE/ HUMAN/ ISCHEMIA, chemically induced/ *ISCHEMIA, drug therapy/ *STREPTOKINASE, therapeutic use

2948. **Ganelina IE, Deriagina GP, Bereznaia IIa, et al:** Otsenka sutochnogo ritma sostoianiia svertyvaniia krovi u bol'nykh ishemicheskoĭ bolezn'iu serdtsa s pomoshch'iu metoda geometricheskoĭ interpretatsii rezul'tatov nabliudeniia Kardiologiia 16(4):64–7, Apr 76 **(Rus)**
ADULT/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ *CORONARY DISEASE, blood/ DIURNAL RHYTHM/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MODELS, BIOLOGICAL

2949. **Ganesan D, Bass HB, McConathy WJ, et al:** Is decreased activity of C-II activated lipoprotein lipase in type III hyperlipoproteinemia (broad-beta-disease) a cause or an effect of increased apolipoprotein E levels? Metabolism 25(11):1189–95, Nov 76
*APOLIPOPROTEINS, blood/ APOLIPOPROTEINS, pharmacodynamics/ HEPARIN/ HUMAN/ *HYPERLIPEMIA, blood/ HYPERLIPEMIA, enzymology/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, pharmacodynamics/ LIPOPROTEINS, LDL, blood/ *LIPOPROTEINS, VLDL, blood/ PEPTIDE FRAGMENTS, blood/ PEPTIDE FRAGMENTS, pharmacodynamics/ TRIGLYCERIDES, blood/ TRIGLYCERIDES, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2950. **Gäng V, Gehring G, Schönborn J:** Combined decrease of postheparin-diamine oxidase (histaminase) and postheparin-lipoproteinlipase in inflammatory diseases. Klin Wochenschr 55(4):169–73, 15 Feb 77
ADULT/ HEPARIN/ *HEPARIN-CLEARING FACTOR, blood/ HEPATITIS, enzymology/ *HISTAMINASE, blood/ HUMAN/ *INFLAMMATION, enzymology/ *LIPOPROTEIN LIPASE, blood/ MIDDLE AGE/ NEPHRITIS, enzymology/ TRIGLYCERIDES, blood

2951. **Ganguly P, Sonnichsen WJ:** Binding of thrombin to human platelets and its possible significance. Br J Haematol 34(2):291–301, Oct 76
BINDING SITES/ BINDING, COMPETITIVE/ *BLOOD PLATELETS, metabolism/ CELL MEMBRANE, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ PLATELET AGGREGATION/ SEROTONIN, metabolism/ SUBCELLULAR FRACTIONS, ultrastructure/ *THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2952. **Ganguly P:** The perturbation of thrombin binding to human platelets by trypsin and neuraminidase. Biochim Biophys Acta 498(1):21–8, 23 Jun 77
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ HUMAN/ KINETICS/ *NEURAMINIDASE, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ PROTEIN BINDING/ SEROTONIN, blood/ *THROMBIN, metabolism/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2953. **Gann DS:** Endocrine control of plasma protein and volume. Surg Clin North Am 56(5):1135–45, Oct 76
ANIMAL/ *BLOOD PROTEINS, physiology/ *BLOOD VOLUME/ CAPILLARY PERMEABILITY/ CORTICOTROPIN, secretion/ ENDOCRINE GLANDS, physiopathology/ EXTRACELLULAR SPACE, physiology/ HEART ATRIUM, physiopathology/ HEMORRHAGE, physiopathology/ HEMOSTASIS/ *HORMONES, physiology/ HUMAN/ HYPOTENSION, physiopathology/ LYMPHATIC SYSTEM, physiopathology/ MECHANORECEPTORS, physiology/ OSMOTIC PRESSURE/ PRESSORECEPTORS, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR RESISTANCE/ WATER-ELECTROLYTE BALANCE

2954. **Gann M:** Severe thrombophlebitis with naftidrofuryl oxalate [letter] Br Med J 1(6076):1598, 18 Jun 77
*FURANS, adverse effects/ HUMAN/ INFUSIONS, PARENTERAL/ NAFRONYL, administration & dosage/ *NAFRONYL, adverse effects/ *THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, prevention & control

2955. **Garcia ED, Garcia ML:** Control of protease secretion in the intestine of fifth instar larvae of Rhodnius prolixus. J Insect Physiol 23(2):247–51, 1977
ANIMAL/ DIETARY PROTEINS, metabolism/ DIGESTION/ INTESTINES, enzymology/ LARVA/ PEPTIDE HYDROLASES, metabolism/ *RHODNIUS, enzymology/ *TRIATOMINAE, enzymology

2956. **Garcia R, Boucher R, Genest J:** Tonin activity in rat saliva: effect of sympathomimetic and parasympathomimetic drugs. Can J Physiol Pharmacol 54(4):443–5, Aug 76

ANGIOTENSIN/ ANIMAL/ MALE/ *PARASYMPATHOMIMETICS, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ RATS/ SALIVA, drug effects/ *SALIVA, enzymology/ *SYMPATHOMIMETICS, pharmacodynamics

2957. **Garcia-Conde J, Merino J, Golpe JA, et al:** Actividad antiagregante plaquetaria de la furosemida
Rev Esp Fisiol 32(4):269-74, Dec 76 (Eng. Abstr.) **(Spa)**
ADULT/ BLOOD PLATELETS, metabolism/ ENGLISH ABSTRACT/ *FUROSEMIDE, pharmacodynamics/ HUMAN/ OSMOTIC FRAGILITY, drug effects/ *PLATELET AGGREGATION, drug effects

2958. **García-Conde J, Benet I, Merino J:** Shock osmótico de las plaquetas. I. Valoración y modificaciones ultraestructurales Sangre (Barc) 22(3):313-23, 1977 (Eng. Abstr.) **(Spa)**
ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, ultrastructure/ BLOOD PRESERVATION, methods/ BLOOD VISCOSITY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPOTONIC SOLUTIONS/ MALE/ OSMOLAR CONCENTRATION/ *OSMOTIC FRAGILITY/ OSMOTIC PRESSURE/ STRESS, MECHANICAL/ TEMPERATURE

2959. **García-Conde J, Benet I, Merino J:** Shock osmótico de las plaquetas. II. Influencia de diversos agentes químicos. Shock osmótico sobre plaquetas filtradas.
Sangre (Barc) 22(4):426-36, 1977 (Eng. Abstr.) **(Spa)**
ANIMAL/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, ultrastructure/ ENGLISH ABSTRACT/ ENZYME INHIBITORS/ HUMAN/ OSMOTIC PRESSURE/ *PLATELET AGGREGATION, drug effects/ *SULFHYDRYL REAGENTS, pharmacodynamics

2960. **Garcia Puges AM, Navarro Colas S, Guarner Aguilar L, et al:** El Lundh test en nuestro medio
Rev Esp Enferm Apar Dig 48(2):199-214, Aug 76 **(Spa)**
ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *LIVER DISEASES, diagnosis/ MALE/ METHODS/ MIDDLE AGE/ *PANCREATIC DISEASES, diagnosis/ *TRYPSIN, analysis

2961. **Garcia Ruíz IR, Beçak W:** G- and C-bands in human chromosomes treated with snake venoms.
Mem Inst Butantan 39:123-33, 1975
*CHROMOSOMES, drug effects/ COMPARATIVE STUDY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *SNAKE VENOMS, pharmacodynamics/ TEMPERATURE/ *TRYPSIN, pharmacodynamics

2962. **García Zueco JC, Ruíz-Gamietea MA, Gracia A, et al:** Aneurisma disecante de aorta y síndrome de coagulación intravascular diseminado. A propósito de dos casos
Sangre (Barc) 21(4):839-46, 1976 (Eng. Abstr.) **(Spa)**
AGED/ *AORTIC ANEURYSM, complications/ AORTIC ANEURYSM, pathology/ AUTOPSY/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE

2963. **Gårdlund B, Hessel B, Marguerie G, et al:** Primary structure of human fibrinogen. Characterization of disulfide-containing cyanogen-bromide fragments.
Eur J Biochem 77(3):595-610, 1 Aug 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CYANOGEN BROMIDE/ CYSTINE, analysis/ DISULFIDES, analysis/ *FIBRINOGEN/ HUMAN/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2964. **Gårdlund B:** Human fibrinogen--amino acid sequence of fragment E and of adjacent structures in the Aalpha and Bbeta -chains. Thromb Res 10(5):689-702, May 77
*AMINO ACID SEQUENCE/ CYANOGEN BROMIDE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRINOGEN, analysis/ HUMAN/ *PEPTIDE FRAGMENTS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2965. **Gårdlund B:** Human fibrinogen--immunological properties of the subunits. Immunochemistry 14(6):405-14, Jun 77
AMINO ACIDS, analysis/ CROSS REACTIONS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, immunology/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2966. **Gardner P, Saffle JR, Schoenbaum SC:** Management of prosthetic valve endocarditis. pp. 123-42.
In: Duma RJ, ed. Infections of prosthetic heart values and vascular grafts. Baltimore, Univ Park Press, 1977. WG 168 I43 1976.
ANTIBIOTICS, adverse effects/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ BLOOD BACTERICIDAL ACTIVITY/ DRUG SYNERGISM/ ENDOCARDITIS, therapy/ ENDOCARDITIS, BACTERIAL, drug therapy/ ENDOCARDITIS, BACTERIAL, etiology/ ENDOCARDITIS, BACTERIAL, surgery/ *ENDOCARDITIS, BACTERIAL, therapy/ HEART DISEASES, etiology/ *HEART VALVE PROSTHESIS, adverse effects/ HEART VALVES, surgery/ HEMORRHAGE, prevention & control/ HUMAN/ KIDNEY DISEASES, etiology/ MICROBIAL SENSITIVITY TESTS/ MONILIASIS, therapy/ MONOGRAPH/ POSTOPERATIVE COMPLICATIONS, drug therapy/ TIME FACTORS

2967. **Garel JR:** pK changes of ionizable reporter groups as an index of conformational changes in proteins. A study of fluorescein-labelled ribonuclease A. Eur J Biochem 70(1):179-89, 1 Nov 76
AMINO ACIDS, analysis/ BINDING SITES/ CATTLE/ FLUORESCEINS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PANCREAS, enzymology/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ *PROTEIN CONFORMATION/ *RIBONUCLEASE/ RIBONUCLEASE, metabolism/ SPECTROPHOTOMETRY/ TRYPSIN

2968. **Garel MC, Goossens M, Oudart JL, et al:** Hemoglobin Dakar = Hb Grady: demonstration by a new approach to the analysis of the tryptic core region of the alpha chain and oxygen equilibrium properties. Biochim Biophys Acta 453(2):459-71, 22 Dec 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ ELECTROPHORESIS, CELLULOSE ACETATE/ GLOBIN/ HEMOGLOBIN A/ *HEMOGLOBINS, ABNORMAL/ HUMAN/ KINETICS/ *OXYGEN, blood/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ THERMOLYSIN/ TRYPSIN

2969. **Garg DK, Kaldis LG, Miller WC, et al:** The effect of stored blood on mesenteric oxygen extraction during exdotoxin shock. World J Surg 1(1):85-90, Jan 77
ACIDS/ ANIMAL/ *BLOOD PRESERVATION/ BLOOD PRESSURE/ CITRATES/ DIPHOSPHOGLYCERIC ACIDS, blood/ DOGS/ ERYTHROCYTES, metabolism/ ERYTHROCYTES, physiology/ ESCHERICHIA COLI/ *EXCHANGE TRANSFUSION/ FEMALE/ GLUCOSE/ HEMOGLOBINS, physiology/ MALE/ MESENTERY, blood supply/ *MESENTERY, physiopathology/ OXYGEN CONSUMPTION/ OXYGEN, blood/ OXYHEMOGLOBIN/ REGIONAL BLOOD FLOW/ *SHOCK, SEPTIC, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2970. **Garlipp M:** Erfahrungen mit der Karotisangiographie beim Schädel-Hirn-Trauma in einem Kreiskrankenhaus
Z Aerztl Fortbild (Jena) 70(13-14):684-7, 15 Jul 76 **(Ger)**
*BRAIN INJURIES, ACUTE, radiography/ *CAROTID ARTERIES, radiography/

*CEREBRAL HEMORRHAGE, radiography/ HEALTH FACILITY SIZE/ HEMATOMA, radiography/ HOSPITALS/ HUMAN/ *SKULL, injuries

2971. **Garmasheva NL:** Vzaimosviazannye gemodinamicheskie protsessy v organizme materi i ploda i ikh reguliatsiia. Akush Ginekol (Mosk) (5):9–12, May 77 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ ESTROGENS, pharmacodynamics/ FEMALE/ *FETUS, physiology/ *HEMODYNAMICS/ HEMODYNAMICS, drug effects/ HEPARIN, pharmacodynamics/ HUMAN/ PLACENTA, physiology/ PREGNANCY

2972. **Garner DL, Easton MP:** Immunofluorescent localization of acrosin in mammalian spermatozoa (1). J Exp Zool 200(1):157–62, Apr 77
*ACROSIN, metabolism/ ANIMAL/ CATS/ CATTLE/ DOGS/ FLUORESCENT ANTIBODY TECHNIC/ HORSES/ HUMAN/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ RABBITS/ SHEEP/ *SPERMATOZOA, metabolism/ SPERMATOZOA, ultrastructure/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2973. **Garner DL, Reamer SA, Johnson LA, et al:** Failure of immunoperoxidase staining to detect acrosin in the equatorial segment of spermatozoa (1). J Exp Zool 201(2):309–15, Aug 77
*ACROSIN, analysis/ ANIMAL/ CATTLE/ HUMAN/ IMMUNOENZYME TECHNICS/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ RABBITS/ *SPERMATOZOA, enzymology/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2974. **Garola RE, McGuire WL:** An improved assay for nuclear estrogen receptor in experimental and human breast cancer. Cancer Res 37(9):3333–7, Sep 77
ANIMAL/ APATITES/ *BREAST NEOPLASMS, analysis/ BREAST NEOPLASMS, metabolism/ CELL NUCLEUS, metabolism/ CYTOPLASM, metabolism/ ESTRADIOL, metabolism/ FEMALE/ HUMAN/ *MAMMARY NEOPLASMS, EXPERIMENTAL, analysis/ MAMMARY NEOPLASMS, EXPERIMENTAL, metabolism/ METHODS/ PEPTIDE HYDROLASES, metabolism/ RATS/ *RECEPTORS, ESTROGEN, analysis/ RECEPTORS, ESTROGEN, metabolism/ TEMPERATURE/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2975. **Garola RE, McGuire WL:** Estrogen receptor and proteolytic activity in human breast tumor nuclei. Cancer Res 37(9):3329–32, Sep 77
ANIMAL/ APATITES, metabolism/ *BREAST NEOPLASMS, metabolism/ CELL NUCLEUS, metabolism/ ESTRADIOL, metabolism/ FEMALE/ HUMAN/ IN VITRO/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KINETICS/ METHODS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PROTAMINES, metabolism/ RATS/ *RECEPTORS, ESTROGEN, analysis/ TEMPERATURE/ UTERUS, metabolism

2976. **Garrison RJ, Havlik RJ, Harris RB, et al:** ABO blood group and cardiovascular disease: the Framingham study. Atherosclerosis 25(2–3):311–8, Nov–Dec 76
*ABO BLOOD-GROUP SYSTEM/ BLOOD COAGULATION/ CARDIOVASCULAR DISEASES, blood/ *CARDIOVASCULAR DISEASES, physiopathology/ CHOLESTEROL, blood/ FEMALE/ HUMAN/ INTERMITTENT CLAUDICATION, blood/ INTERMITTENT CLAUDICATION, physiopathology/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE

2977. **Garvey JW, Wisoff G, Voletti C, et al:** Haemorrhagic pulmonary oedema: post-pulmonary embolectomy. Thorax 31(5):605–9, Oct 76
ADULT/ CASE REPORT/ *HEMORRHAGE, diagnosis/ HEMORRHAGE, surgery/ HUMAN/ *LUNG DISEASES, diagnosis/ LUNG DISEASES, surgery/ MALE/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ *PULMONARY EDEMA, diagnosis/ PULMONARY EDEMA, surgery/ PULMONARY EMBOLISM, surgery

2978. **Garvin PJ, Jennings RB, Stern IJ:** Enzymatic digestion of the nucleus pulposus: a review of experimental studies with chymopapain. Orthop Clin North Am 8(1):27–35, Jan 77
ANIMAL/ CHYMOPAPAIN, antagonists & inhibitors/ *CHYMOPAPAIN, pharmacodynamics/ CHYMOPAPAIN, toxicity/ COMPARATIVE STUDY/ DOGS/ HAMSTERS/ HUMAN/ *INTERVERTEBRAL DISK, drug effects/ INTERVERTEBRAL DISK, pathology/ MICE/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ RABBITS

2979. **Gasic GJ, Koch PA, Hsu B, et al:** Thrombogenic activity of mouse and human tumors: effects on platelets, coagulation, and fibrinolysis, and possible significance for metastases. Z Krebsforsch 86(3):263–77, 30 Aug 76
ANIMAL/ *BLOOD COAGULATION/ BLOOD PLATELETS, metabolism/ COMPARATIVE STUDY/ FIBRINOLYSIS/ HUMAN/ IN VITRO/ MICE/ *NEOPLASM METASTASIS, blood/ NEOPLASMS, EXPERIMENTAL/ *PLATELET AGGREGATION/ SEROTONIN, blood

2980. **Gasic GJ, Gasic TB, Jimenez SA:** Platelet aggregating material in mouse tumor cells. Removal and regeneration. Lab Invest 36(4):413–9, Apr 77
ANIMAL/ CELL LINE/ CELL-FREE SYSTEM/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ EMBRYO, cytology/ FIBROBLASTS/ LYMPHOCYTES/ MACROPHAGES/ MICE/ *NEOPLASMS, EXPERIMENTAL, pathology/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ PROTEINS, biosynthesis/ PUROMYCIN, pharmacodynamics/ RATS/ SPLEEN, cytology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2981. **Gasic GJ, Gasic TB, Jimenez SA:** Effects of trypsin on the platelet-aggregating activity of mouse tumor cells. Thromb Res 10(1):33–45, Jan 77
ANIMAL/ BREAST NEOPLASMS, blood/ CARCINOMA, blood/ CELL LINE/ HUMAN/ MICE/ *NEOPLASMS, EXPERIMENTAL, blood/ *PLATELET AGGREGATION, drug effects/ SARCOMA, blood/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

2982. **Gaspar G, Ayala S, Brenner RR, et al:** Effecto de la carencia en acidos grasos esenciales sobre la composicion lipidica del testiculo de rata Acta Physiol Lat Am 25(4):299–316, 1975 (Eng. Abstr.) **(Spa)**
ANIMAL/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ FATTY ACIDS, ESSENTIAL, deficiency/ *FATTY ACIDS, ESSENTIAL, metabolism/ MALE/ MICROSOMES, metabolism/ *MITOCHONDRIA, LIVER, metabolism/ ORGAN WEIGHT/ RATS/ *TESTIS, metabolism/ TIME FACTORS

2983. **Gaspar MR, Yellin AE:** Femoral artery occlusion caused by percutaneous angiography. Mechanisms and management. Acta Chir Belg 76(3):323–8, May–Jun 77
*ANGIOGRAPHY, adverse effects/ ARTERIOSCLEROSIS, complications/ *FEMORAL ARTERY/ HUMAN/ THROMBOSIS, complications/ *THROMBOSIS, etiology/ THROMBOSIS, surgery

2984. **Gaspard U, Lambotte R:** Ajustements métaboliques de la sécrétion en lactogène placentaire humain (HPL) en fin de gestation Bull Mem Acad R Med Belg 130(7–9):395–402, 1975 **(Fre)**
ADULT/ BLOOD SUGAR, analysis/ FATTY ACIDS, blood/ FEMALE/ GLUCOSE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ INSULIN, blood/ LIPIDS, pharmacodynamics/ PLACENTAL LACTOGEN, blood/ *PLACENTAL LACTOGEN, secretion/ *PREGNANCY TRIMESTER, THIRD/ PREGNANCY

2985. **Gaspard UJ, Luyckx AS, George AN, et al:** Relationship between plasma free fatty acid levels and human placental lactogen secretion in late pregnancy. J Clin Endocrinol Metab 45(2):246–54, Aug 77

ADOLESCENCE/ ADULT/ BLOOD SUGAR, metabolism/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HEPARIN, diagnostic use/ HUMAN/ INFANT, NEWBORN/ INSULIN, diagnostic use/ KINETICS/ NICOTINIC ACIDS, diagnostic use/ *PLACENTAL LACTOGEN, blood/ *PREGNANCY TRIMESTER, THIRD/ PREGNANCY/ TRIGLYCERIDES, blood

2986. **Gass JD:** Treatment of retinal vascular anomalies. Trans Am Acad Ophthalmol Otolaryngol 83(3 Pt 1):OP432-42, May-Jun 77
ADOLESCENCE/ ADULT/ ANGIOMATOSIS, therapy/ ARTERIOVENOUS MALFORMATIONS/ BLINDNESS, etiology/ CRYOTHERAPY/ EYE NEOPLASMS, therapy/ FEMALE/ HEMANGIOMA, CAVERNOUS, therapy/ HUMAN/ LIGHT COAGULATION/ MALE/ MIDDLE AGE/ RETINAL DISEASES, complications/ *RETINAL DISEASES, therapy/ *RETINAL VESSELS/ SYNDROME/ TELANGIECTASIS, therapy/ VASCULAR DISEASES, complications/ VASCULAR DISEASES, therapy/ VISUAL ACUITY

2987. **Gass RF:** Influences of blood digestion on the development of Plasmodium gallinaceum (Brumpt) in the midgut of Aedes aegypti (L.). Acta Trop (Basel) 34(2):127-40, Jun 77
*AEDES, parasitology/ ANIMAL/ *BLOOD/ DIGESTION/ FEMALE/ INTESTINES, parasitology/ MALE/ PLASMODIUM, enzymology/ *PLASMODIUM, physiology/ TRYPSIN, metabolism

2988. **Gast WH, Leberman R, Schulz GE, et al:** Crystals of partially trypsin-digested elongation factor Tu. J Mol Biol 106(4):943-50, 5 Oct 76
BACILLUS STEAROTHERMOPHILUS, metabolism/ CRYSTALLIZATION/ ESCHERICHIA COLI, metabolism/ GUANINE NUCLEOTIDES, metabolism/ MOLECULAR WEIGHT/ *PEPTIDE ELONGATION FACTORS/ PEPTIDE ELONGATION FACTORS, isolation & purification/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECIES SPECIFICITY/ TRYPSIN/ X-RAY DIFFRACTION

2989. **Gast WH, Kabsch W, Wittinghofer A, et al:** Crystals of a large tryptic peptide (fragment A) of elongation factor EF-Tu from Escherichia coli. FEBS Lett 74(1):88-90, 15 Feb 77
CRYSTALLIZATION/ *ESCHERICHIA COLI, metabolism/ MOLECULAR WEIGHT/ *PEPTIDE ELONGATION FACTORS/ PEPTIDE ELONGATION FACTORS, isolation & purification/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ TRYPSIN/ X-RAY DIFFRACTION

2990. **Gastaldi G, Rasore-Quartino A:** Emofilia e malattia di von Willebrand (recenti acquisizioni) Pathologica 68(979-980):175-94, May-Jun 76 (177 ref.) **(Ita)**
FACTOR VIII, analysis/ HEMOPHILIA, diagnosis/ HEMOPHILIA, familial & genetic/ HUMAN/ REVIEW/ SEX FACTORS/ *VON WILLEBRAND'S DISEASE/ VON WILLEBRAND'S DISEASE, diagnosis/ VON WILLEBRAND'S DISEASE, familial & genetic

2991. **Gastpar H:** Maligne Geschwülste und Thrombosen Med Welt 27(37):1737-41, 10 Sep 76 (39 ref.) **(Ger)**
DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRINOGEN/ HEMORRHAGIC DIATHESIS, complications/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ LUNG NEOPLASMS, blood/ *NEOPLASM CIRCULATING CELLS/ NEOPLASM METASTASIS/ NEOPLASMS, blood/ *NEOPLASMS, complications/ REVIEW/ *THROMBOEMBOLISM, complications/ THROMBOEMBOLISM, etiology

2992. **Gastpar H:** Tonsillektomie bei blutungsgefährdeten Patienten Fortschr Med 95(19):1277-80, 19 May 77 (Eng. Abstr.) **(Ger)**
ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION FACTORS, therapeutic use/ BLOOD PLATELET DISORDERS, complications/ ENGLISH ABSTRACT/ FIBRIN/ *HEMORRHAGE, etiology/ *HEMORRHAGIC DIATHESIS, complications/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ TISSUE ADHESIVES/ *TONSILLECTOMY, adverse effects

2993. **Gastpar H, Ambrus JL, Ambrus CM, et al:** Study of platelet aggregation in vivo. III. Effect of pentoxifylline. J Med 8(3-4):191-7, 1977
ADENOSINE DIPHOSPHATE, administration & dosage/ ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ ANTICOAGULANTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ MACACA/ MONKEYS/ PENTOXIFYLLINE, administration & dosage/ *PENTOXIFYLLINE, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ SEROTONIN, administration & dosage/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, pharmacodynamics/ *THEOBROMINE, analogs & derivatives

2994. **Gastpar H:** Platelet-cancer cell interaction in metastasis formation: a possible therapeutic approcach to metastasis prophylaxis. J Med 8(2):103-14, 1977
ANIMAL/ BENCYCLANE, therapeutic use/ BLOOD COAGULATION/ CARCINOMA 256, WALKER, drug therapy/ CELL ADHESION/ DIPYRIDAMOLE, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ FIBRINOLYSIS/ MICE/ *NEOPLASM CIRCULATING CELLS/ *NEOPLASM METASTASIS, prevention & control/ NEOPLASM TRANSPLANTATION/ PENTOXIFYLLINE, therapeutic use/ *PLATELET AGGREGATION/ RATS

2995. **Gaszynski W, Sulowska Z, Szpunar M, et al:** Effect of endotracheal anaesthesia on the activity of lysosomal enzymes in peripheral blood granulocytes. Anaesth Resusc Intensive Ther 4(1):3-9, Jan-Mar 76
ACID PHOSPHATASE, antagonists & inhibitors/ *ACID PHOSPHATASE, metabolism/ *ANESTHESIA, INTRATRACHEAL/ *GRANULOCYTES, enzymology/ HUMAN/ *LEUKOCYTES, enzymology/ *LYSOSOMES, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism

2996. **Gaszyński W, Majka A:** The effect of dissociative anaesthesia with ketamine on the activity of lysosomal enzymes in peripheral blood granulocytes of guinea pigs. Anaesth Resusc Intensive Ther 4(2):79-84, Apr-Jun 76
*ACID PHOSPHATASE, metabolism/ *ANESTHESIA, methods/ ANIMAL/ *GRANULOCYTES, enzymology/ GUINEA PIGS/ *KETAMINE, pharmacodynamics/ *LEUKOCYTES, enzymology/ *LYSOSOMES, enzymology/ LYSOSOMES, physiology/ *PEPTIDE HYDROLASES, metabolism/ WOUND HEALING

2997. **Gaszynski W, Jezewska D, Kanski A:** Studies of blood clotting system during dissociative anaesthesia with ketamine. Anaesth Resusc Intensive Ther 4(1):47-51, Jan-Mar 76
*ANESTHESIA, methods/ ANIMAL/ *BLOOD COAGULATION, drug effects/ FACTOR XII, physiology/ FEMALE/ *FIBRINOLYSIS, drug effects/ *KETAMINE, pharmacodynamics/ MALE/ RABBITS

2998. **Gaszyński W, Pruszyńska-Bednarek A, Majka A, et al:** The effect of bone cement used for endoprosthesis stabilization on the activity of lysosomal enzymes in peripheral blood granulocytes. Anaesth Resusc Intensive Ther 4(3):187-94, Jul-Sep 76
ACID PHOSPHATASE, blood/ AGED/ ANESTHESIA/ *BONE CEMENTS, pharmacodynamics/ FEMALE/ *GRANULOCYTES, enzymology/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS/ *LEUKOCYTES, enzymology/ *LYSOSOMES,

enzymology/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, blood

2999. **Gaszyński W, Lewicki R, Pruszyńska-Bednarek A:** The effect of bone cement used for stabilization of endoprostheses on blood clotting system activity. Anaesth Resusc Intensive Ther 4(4):237–44, Oct–Dec 76
ANESTHESIA, GENERAL/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS/ *BONE CEMENTS, adverse effects/ *FIBRINOLYSIS, drug effects/ HIP JOINT/ HUMAN/ JOINT PROSTHESIS

3000. **Gati WP, Straub PW:** Trennung der Bbeta- und gamma-Ketten von normalem humanem Fibrinogen und von Fibrinogen Zürich II in je 2 Varianten mit verschiedenem Sialsäuregehalt
Schweiz Med Wochenschr 106(40):1379, 2 Oct 76 (Eng. Abstr.) **(Ger)**
AFIBRINOGENEMIA, metabolism/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ HUMAN/ MOLECULAR WEIGHT/ *PEPTIDES, analysis/ PROTEIN CONFORMATION/ SIALIC ACIDS, analysis/ VARIATION (GENETICS)

3001. **Gattegno, L, Bladier D, Garnier M, et al:** Changes in carbohydrate content of surface membranes of human erythrocytes during ageing. Carbohydr Res 52:197–208, Dec 76
*CARBOHYDRATES, blood/ *ERYTHROCYTE AGING/ *ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, metabolism/ FUCOSE, blood/ HEXOSAMINES, blood/ HEXOSES, blood/ HUMAN/ PRONASE/ SIALIC ACIDS, blood/ TRYPSIN

3002. **Gattringer C, Wick G:** Relationship between E receptors and a T-specific surface antigen on human T cells. Immunology 32(2):199–205, Feb 77
ANTIGENIC DETERMINANTS/ *ANTIGENS/ ANTILYMPHOCYTE SERUM, pharmacodynamics/ *BINDING SITES, ANTIBODY/ *CELL MEMBRANE, immunology/ ERYTHROCYTES, immunology/ IMMUNE ADHERENCE REACTION/ *T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics

3003. **Gaucher GM, Stevenson KJ:** Thermomycolin. Methods Enzymol 45:415–33, 1976
*ACTINOMYCES, enzymology/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ CELL DIVISION/ DRUG STABILITY/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ SPECIES SPECIFICITY

3004. **Gaultier M, Welti JJ, Bismuth C, et al:** Intoxication digitalique grave. Facteurs pronostigues. Intérêt et limites de l'entrainement électrosystolique (à propos de 133 cas) Ann Med Interne (Paris) 127(10):761–6, Oct 76 **(Fre)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANTI-ARRHYTHMIA AGENTS, therapeutic use/ ASYSTOLE, complications/ DIGITOXIN, blood/ *DIGITOXIN, poisoning/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART CATHETERIZATION, adverse effects/ HEART INJURIES, etiology/ HEART VALVE DISEASES, complications/ HUMAN/ HYPERKALEMIA, complications/ MALE/ MIDDLE AGE/ *PACEMAKER, ARTIFICIAL/ PROGNOSIS/ SEPTICEMIA, etiology/ SHOCK, CARDIOGENIC, complications/ THROMBOSIS, etiology/ TIME FACTORS/ VENTRICULAR FIBRILLATION, complications

3005. **Gavrilov OK:** Kriokonservirovanie kletok krovi i ikh primenenie v klinicheskoi praktike Sov Med (8):16–21, AUG 76 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ COMPARATIVE STUDY/ CRYOPROTECTIVE AGENTS, pharmacodynamics/ DRUG EVALUATION/ ENGLISH ABSTRACT/ HUMAN/ REFRIGERATION

3006. **Gawdzińska-Grabowska H:** Zator skrzeplinowy tętnicy płucnej w materiale sekcyjnym Zakładu Anatomii Patologicznej Instytutu Biostruktury AM w Warszawie Pol Tyg Lek 32(18):679–82, 2 May 77 (Eng. Abstr.) **(Pol)**
AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ POLAND/ PULMONARY EMBOLISM, mortality/ *PULMONARY EMBOLISM, occurrence/ THROMBOEMBOLISM, mortality/ *THROMBOEMBOLISM, occurrence

3007. **Gawdziński M:** Powikłania zakrzepowo-zatorowe po wszyciu protezy w lewe ujście przedsionkowo-komorowe Pol Tyg Lek 32(2):49–52, 10 Jan 77 (Eng. Abstr.) **(Pol)**
ENGLISH ABSTRACT/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MITRAL VALVE INSUFFICIENCY, surgery/ *MITRAL VALVE, surgery/ *POSTOPERATIVE COMPLICATIONS/ *THROMBOEMBOLISM, etiology

3008. **Gawel MJ:** Mechanism for control of prolactin secretion [letter]. Lancet 1(8020):1059, 14 May 77
BLOOD PLATELETS, enzymology/ DOPAMINE, antagonists & inhibitors/ DOPAMINE, physiology/ EXERTION/ HUMAN/ HYPOTHALAMUS, enzymology/ MONOAMINE OXIDASE, physiology/ *PROLACTIN, secretion

3009. **Gay B:** Die Versorgung der Gelegenheitswunden Chirurg 47(12):644–8, Dec 76 **(Ger)**
DRAINAGE/ FIRST AID/ HEMOSTASIS/ HUMAN/ KELOID, etiology/ SUTURE TECHNICS/ TETANUS TOXOID, administration & dosage/ TETANUS, prevention & control/ WOUNDS AND INJURIES, complications/ WOUNDS AND INJURIES, surgery/ *WOUNDS AND INJURIES, therapy

3010. **Gazenko OG, Demin NN, Panov AN, et al:** Nekotorye kharakteristiki metabolizma belkov i ribonukleinovykh kislot v tsentral'noĭ nervnoĭ sisteme krys, nakhodivshikhsia v kosmicheskom polete na sputnike 'Kosmos-605' Kosm Biol Aviakosm Med 10(4):14–9, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BRAIN, enzymology/ *CENTRAL NERVOUS SYSTEM, metabolism/ CEREBELLUM, metabolism/ ENGLISH ABSTRACT/ MALE/ MOTOR NEURONS, metabolism/ *NERVE TISSUE PROTEINS, metabolism/ NEUROGLIA, metabolism/ NEURONS, metabolism/ PEPTIDE HYDROLASES, metabolism/ RATS/ *RNA, metabolism/ *SPACE FLIGHT/ SUPRAOPTIC NUCLEUS, metabolism

3011. **Gazes PC:** Noncardiac surgery in heart patients. Compr Ther 3(8):37–45, Aug 77
ADRENAL CORTEX HORMONES/ ANESTHESIA/ ANGINA PECTORIS/ ANTICOAGULANTS/ ANTIHYPERTENSIVE AGENTS/ ARRHYTHMIA/ CORONARY DISEASE/ HEART DEFECTS, CONGENITAL/ *HEART DISEASES/ HEART FAILURE, CONGESTIVE/ HEART VALVE DISEASES/ HUMAN/ HYPERTENSION/ HYPOGLYCEMIC AGENTS/ PACEMAKER, ARTIFICIAL/ POSTOPERATIVE COMPLICATIONS, therapy/ PREOPERATIVE CARE/ RISK/ *SURGERY, OPERATIVE/ TRANQUILIZING AGENTS

3012. **Gazit E, Efter T, Mizrachi Y, et al:** Acquisition of typing serum from post partum blood clots. Tissue Antigens 9(1):66–8, Jan 77
*BLOOD COAGULATION/ FEMALE/ *HISTOCOMPATIBILITY TESTING, methods/ HUMAN/ *IMMUNE SERUMS, isolation & purification/ PREGNANCY/ PUERPERIUM

3013. **Gazzard BG, Henderson JM, Williams R:** Factor VII levels as a guide to prognosis in fulminant hepatic failure. Gut 17(7):489–91, Jul 76
ADOLESCENCE/ ADULT/ FACTOR V, analysis/ *FACTOR VII, analysis/ FATTY LIVER, complications/ FEMALE/ HEPATIC COMA, blood/ *HEPATIC COMA, diagnosis/ HEPATIC COMA, etiology/ HEPATITIS, complications/ HUMAN/ MIDDLE AGE/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ PREGNANCY/ PROGNOSIS/ PROTHROMBIN, analysis

3014. **Gebhart W:** Zytoide Körperchen in der menschlichen Haut Wien Klin Wochenschr [Suppl] 88(60):1–24, 1976 (Eng.

Abstr.) (Ger)
AMYLOID, metabolism/ ELASTIC TISSUE, ultrastructure/ ELASTIN, metabolism/ ENGLISH ABSTRACT/ FIBRIN, metabolism/ HEMATOXYLIN, metabolism/ HUMAN/ LUPUS ERYTHEMATOSUS, DISCOID, pathology/ MICROSCOPY, ELECTRON/ MORPHOGENESIS/ *SKIN, cytology/ SKIN, metabolism/ SKIN, pathology/ SKIN, ultrastructure

3015. **Gedamu L, Iatrou K, Dixon GH:** Isolation and characterization of trout testis protamine mRNAs lacking poly (A). Cell 10(3):443–51, Mar 77
ANIMAL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MOLECULAR WEIGHT/ NUCLEIC ACID HYBRIDIZATION/ *POLY A/ *PROTAMINES, metabolism/ *RNA, MESSENGER, isolation & purification/ RNA, MESSENGER, metabolism/ *SALMONIDAE, metabolism/ *TESTIS, analysis/ TESTIS, cytology/ *TROUT, metabolism

3016. **Gedamu L, Dixon GH, Davies PL:** Identification and isolation of protamine messenger ribonucleoprotein particles from rainbow trout testis. Biochemistry 16(7):1383–91, 5 Apr 77
ANIMAL/ KINETICS/ MALE/ NUCLEIC ACID HYBRIDIZATION/ PLANTS, metabolism/ POLY A, analysis/ POLYRIBOSOMES, metabolism/ *PROTAMINES, biosynthesis/ *RNA, MESSENGER/ RNA, MESSENGER, isolation & purification/ RNA, MESSENGER, metabolism/ SUBCELLULAR FRACTIONS, metabolism/ *TESTIS, metabolism/ TRANSLATION, GENETIC/ TROUT/ WHEAT, metabolism

3017. **Gedamu L, Dixon GH:** Translation of protamine mRNA in a rabbit reticulocyte cell-free system. Can J Biochem 55(2):152–8, Feb 77
ANIMAL/ ARGININE, metabolism/ CELL-FREE SYSTEM/ MALE/ POLY A, metabolism/ PROTAMINES, analysis/ *PROTAMINES, biosynthesis/ RABBITS/ *RETICULOCYTES, metabolism/ RNA, MESSENGER, isolation & purification/ *RNA, MESSENGER, metabolism/ TESTIS/ TRANSLATION, GENETIC/ TROUT

3018. **Gega FA, Morimoto K, Ikeda H, et al:** [Serial cerebral angiography of late onset epilepsy] Brain Nerv 28(3):293–300, Mar 76 (Eng. Abstr.) (Jpn)
ADULT/ AGE FACTORS/ ARTERIOVENOUS FISTULA, complications/ BRAIN NEOPLASMS, complications/ BRAIN NEOPLASMS, radiography/ CASE REPORT/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, complications/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, radiography/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, radiography/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ EPILEPSY, etiology/ *EPILEPSY, radiography/ FEMALE/ HEMANGIOMA, complications/ HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ TELANGIECTASIS, complications/ TELANGIECTASIS, radiography

3019. **Gegova A:** Promeni v mikrotsirkulatsiiata na miokarda pri belodrobna emboliia. Eksp Med Morfol 16(2):72–6, 1977 (Eng. Abstr.) (Bul)
ANIMAL/ COMPARATIVE STUDY/ CORONARY DISEASE, physiopathology/ *CORONARY VESSELS, physiopathology/ EMBOLISM, FAT, physiopathology/ ENGLISH ABSTRACT/ MICROCIRCULATION, physiopathology/ *PULMONARY EMBOLISM, physiopathology/ RABBITS/ SPORES/ TIME FACTORS

3020. **Geiger C, Vischer TL:** Migration inhibition factor-like activity in inflammatory synovial fluids might be due to proteases. Clin Exp Immunol 26(1):176–80, Oct 76
ANIMAL/ ANTIGENS/ CHYMOTRYPSIN, immunology/ FEMALE/ GUINEA PIGS/ MACROPHAGES, immunology/ MICE/ *MIGRATION INHIBITORY FACTOR/ MIGRATION INHIBITORY FACTOR, antagonists & inhibitors/ PANCREATOPEPTIDASE, immunology/ *PEPTIDE HYDROLASES, immunology/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ PRONASE, immunology/ *SYNOVIAL FLUID, immunology/ TRYPSIN, immunology

3021. **Geiger R, Mann K:** A kallikrein-specific inhibitor in rat kidney tubules. Hoppe Seylers Z Physiol Chem 357(4):553–8, Apr 76
ANIMAL/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *KALLIKREIN, antagonists & inhibitors/ *KIDNEY TUBULES, analysis/ MOLECULAR WEIGHT/ RATS/ SWINE

3022. **Geiger R, Kortmann H:** Esterolytic and proteolytic activities of snake venoms and their inhibition by proteinase inhibitors. Toxicon 15(3):257–9, 1977
ARGININE, analogs & derivatives/ ARGININE, metabolism/ BENZOYLARGININE NITROANILIDE, metabolism/ *ESTERASES, antagonists & inhibitors/ *KININOGENS, metabolism/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SNAKE VENOMS, antagonists & inhibitors/ *SNAKE VENOMS, pharmacodynamics

3023. **Geiger R, Feifel G, Haberland GL:** A precursor of kinins in the gastric mucus. Hoppe Seylers Z Physiol Chem 358(7):931–3, Jul 77
ANIMAL/ BIOLOGICAL ASSAY/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ FEMALE/ GASTRIC MUCOSA, metabolism/ HUMAN/ KALLIKREIN, pharmacodynamics/ *KININOGENS, metabolism/ KININS, biosynthesis/ KININS, pharmacodynamics/ MUCUS, drug effects/ *MUCUS, metabolism/ RATS/ TRYPSIN, pharmacodynamics/ UTERUS, drug effects

3024. **Geisler N, Weber K:** Isolation of a set of hybrid lac repressors made in vitro between normal lac repressor and its homogeneous tryptic core. Proc Natl Acad Sci USA 73(9):3103–6, Sep 76
*BACTERIAL PROTEINS, metabolism/ *DNA, BACTERIAL, metabolism/ ESCHERICHIA COLI/ *GENES, REGULATOR/ HYBRIDIZATION/ KINETICS/ MACROMOLECULAR SYSTEMS/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN

3025. **Geisler N, Weber K:** Isolation of amino-terminal fragment of lactose repressor necessary for DNA binding. Biochemistry 16(5):938–43, 8 Mar 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BACTERIAL PROTEINS/ BACTERIAL PROTEINS, isolation & purification/ BACTERIAL PROTEINS, metabolism/ BINDING SITES/ CIRCULAR DICHROISM/ CYANOGEN BROMIDE/ *DNA/ DNA, metabolism/ ESCHERICHIA COLI, metabolism/ *LACTOSE, metabolism/ *NUCLEOPROTEINS/ NUCLEOPROTEINS, isolation & purification/ NUCLEOPROTEINS, metabolism/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ TRYPSIN

3026. **Geisow MJ, Stuchbury T:** Large fragments of human serum albumin. Biochem J 161(3):619–25, 1 Mar 77
AMINO ACID SEQUENCE/ *BENZOXAZOLES/ *BROMELAINS/ CHROMATOGRAPHY, ION EXCHANGE/ *CYCLIC N-OXIDES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FICIN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ OXIMES/ *PAPAIN/ PEPSIN/ *PEPTIDE FRAGMENTS/ *PEPTIDE PEPTIDOHYDROLASES/ PROTEIN CONFORMATION/ *SERUM ALBUMIN, analysis/ SPECTRUM ANALYSIS/ SULFHYDRYL COMPOUNDS/ *SULFHYDRYL REAGENTS

3027. **Geĭtman IIa, kivman GIa:** Proniknovenie antibiotikov v éksperimental'nye ochagi vospaleniia pod vliianiem proteoliticheskikh fermentov Antibiotiki 21(10):927–32, Oct 76 (Eng. Abstr.) (Rus)
ANIMAL/ *ANTIBIOTICS, pharmacodynamics/ BIOPHARMACEUTICS/ BLOOD, drug effects/ CHYMOTRYPSIN, pharmacodynamics/ COMPARATIVE STUDY/ DRUG

INTERACTIONS/ ENGLISH ABSTRACT/ *GRANULOMA, drug therapy/ *INFLAMMATION, drug therapy/ INJECTIONS, INTRAMUSCULAR/ *PEPTIDE HYDROLASES, pharmacodynamics/ PERITONEAL FLUID/ RATS/ TRYPSIN, pharmacodynamics

3028. **Geĭtman IIa, Didkovskiĭ NA, Iakh'iaev VD, et al:** Vliianie proteoliticheskikh fermentov na antitripticheskuiu aktivnost' syvorotki krovi operirovannykh bol'nykh Vopr Med Khim 22(6):791–5, Nov–Dec 76 (Eng. Abstr.) **(Rus)**
ALPHA GLOBULINS, analysis/ CHYMOTRYPSIN, administration & dosage/ *CHYMOTRYPSIN, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ NEOPLASMS, enzymology/ NEOPLASMS, surgery/ STOMACH ULCER, enzymology/ STOMACH ULCER, surgery/ *TRYPSIN INHIBITORS, blood/ *TRYPSIN, pharmacodynamics/ TRYPSIN, administration & dosage

3029. **Gelatt KN:** Animal models for glaucoma [editorial] Invest Ophthal Visual Sci 16(7):592–6, Jul 77
ANIMAL/ CATS/ CATTLE/ CHICKENS/ CHYMOTRYPSIN/ *DISEASE MODELS, ANIMAL/ DOGS/ *GLAUCOMA/ GLAUCOMA, chemically induced/ GLAUCOMA, congenital/ HUMAN/ HYDROPHTHALMOS, familial & genetic/ LIGHT/ MONKEYS/ PRIMATES/ RABBITS/ RATS/ SWINE

3030. **Gelbke HP, Bösche J:** Radioimmunologischer Nachweis von Morphin im Hämatomblut bei einem um eineinhalb Tage überlebten Unfall Arch Kriminol 159(1–2):31–5, Jan–Feb 77 **(Ger)**
ACCIDENTS/ ADULT/ FORENSIC MEDICINE/ *HEMATOMA, blood/ HUMAN/ MALE/ *MORPHINE ADDICTION, blood/ *MORPHINE, blood

3031. **Gelfand MC, Knepshield JH, Cohan S, et al:** Treatment of hepatic coma with hemoperfusion through polyacrylamide hydrogel-coated charcoal. Kidney Int [Suppl] (7):S239–43, Dec 76
ACRYLAMIDES, therapeutic use/ ADULT/ ALCOHOLISM, complications/ AUTOPSY/ BLOOD COAGULATION DISORDERS, complications/ CASE REPORT/ CHARCOAL, therapeutic use/ *HEMODIALYSIS/ HEPATIC COMA, complications/ HEPATIC COMA, diagnosis/ *HEPATIC COMA, therapy/ HUMAN/ KIDNEY FAILURE, ACUTE, complications/ MALE/ PNEUMONIA, complications

3032. **Geller LI, Dobrykh VA, Araslanova MG, et al:** Narusheniia vneshneĭ sekretsii podzhekudochnoĭ zhelezy u bol'nykh khronicheskoĭ pnevmonieĭ Vrach Delo (6):94–6, Jun 76 (Eng. Abstr.) **(Rus)**
AMYLASE, secretion/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ LIPASE, secretion/ *PANCREAS, secretion/ *PNEUMONIA, physiopathology/ TRYPSIN, secretion

3033. **Gellert M, O'Dea MH, Itoh T, et al:** Novobiocin and coumermycin inhibit DNA supercoiling catalyzed by DNA gyrase. Proc Natl Acad Sci USA 73(12):4474–8, Dec 76
*ANTIBIOTICS, pharmacodynamics/ COLICINS, metabolism/ COUMARINS, pharmacodynamics/ DNA REPLICATION, drug effects/ *DNA, BACTERIAL/ DNA, CIRCULAR, biosynthesis/ DNA, VIRAL, biosynthesis/ *ESCHERICHIA COLI, enzymology/ MUTATION/ *NOVOBIOCIN, pharmacodynamics/ *NUCLEIC ACID CONFORMATION/ PLASMIDS, drug effects/ *PYRROLES/ PYRROLES, pharmacodynamics

3034. **Gelov N:** Nashiiat opit ot lechenieto na venoznata nedostatuchnost na povurkhnostnite veni Khirurgiia (Sofiia) 29(4):301–3, 1976 (Eng. Abstr.) **(Bul)**
BANDAGES/ COMPARATIVE STUDY/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ THROMBOPHLEBITIS, therapy/ TIME FACTORS/ *VENOUS INSUFFICIENCY, therapy

3035. **Gendelman S:** Hemophilia and the nervous system. Mt Sinai J Med NY 44(3):402–8, May–Jun 77
ADULT/ *CENTRAL NERVOUS SYSTEM DISEASES, etiology/ CEREBRAL HEMORRHAGE, etiology/ CHRISTMAS DISEASE, complications/ *HEMOPHILIA, complications/ HUMAN/ *PERIPHERAL NERVE DISEASES, etiology/ RISK

3036. **Genell S, Gustafsson BE, Ohlsson K:** Quantitation of active pancreatic endopeptidases in the intestinal contents of germfree and conventional rats. Scand J Gastroenterol 11(8):757–62, 1976
ANIMAL/ CECUM, enzymology/ *CHYMOTRYPSIN, metabolism/ ELECTROPHORESIS, AGAR GEL/ FECES, enzymology/ *GERM-FREE LIFE/ INTESTINE, LARGE, enzymology/ INTESTINE, SMALL, enzymology/ *INTESTINES, enzymology/ *PANCREAS, enzymology/ *PANCREATOPEPTIDASE, metabolism/ RATS/ *TRYPSIN, metabolism

3037. **Gennaro AR:** Carcinoma of the cecum. Surg Gynecol Obstet 144(4):504–6, Apr 77
*ADENOCARCINOMA/ AGED/ APPENDICITIS, complications/ *CECAL NEOPLASMS/ CECAL NEOPLASMS, surgery/ DIAGNOSTIC ERRORS/ HUMAN/ INTESTINAL OBSTRUCTION, etiology/ LIFE EXPECTANCY/ LIVER NEOPLASMS, etiology/ LUNG NEOPLASMS, etiology/ MALE/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ PULMONARY EMBOLISM, etiology/ RETROSPECTIVE STUDIES/ THROMBOPHLEBITIS, etiology/ TIME FACTORS

3038. **Gentil V, McCurdy RL, Alevizos B, et al:** The effects of adrenaline injections on human platelet monoamine oxidase and related measures. Psychopharmacology 50(2):187–92, 10 Nov 76
ADULT/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ *EPINEPHRINE, pharmacodynamics/ HUMAN/ MALE/ *MONOAMINE OXIDASE, blood/ STRESS, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3039. **Genton E, Barnett HJ, Fields WS, et al:** XIV. Cerebral ischemia: the role of thrombosis and of antithrombotic therapy. Study group on antithrombotic therapy. Stroke 8(1):150–75, Jan–Feb 77
AGED/ *ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, ultrastructure/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CEREBROVASCULAR DISORDERS, classification/ *CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, etiology/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE

3040. **Gentry PA, Black WD:** Influence of pentobarbital sodium anesthesia on hematologic values in the dog. Am J Vet Res 37(11):1349–52, NOV 76
*ANESTHESIA, INTRAVENOUS, veterinary/ ANIMAL/ BLOOD COAGULATION, drug effects/ *DOGS, blood/ FEMALE/ HEMOGLOBINS, analysis/ *PENTOBARBITAL, pharmacodynamics

3041. **Gentry PA, Johnstone IB, Sanford SE:** Diagnosis of classic hemophilia (hemophilia A) in a standard poodle. Can Vet J 18(3):79–81, Mar 77
ANIMAL/ CASE REPORT/ *DOG DISEASES, diagnosis/ DOGS/ HEMOPHILIA, diagnosis/ *HEMOPHILIA, veterinary/ MALE

3042. **Gentry PA, Liptrap RM:** Plasma levels of specific coagulation factors and oestrogens in the bitch during pregnancy. J Small Anim Pract 18(4):267–75, Apr 77
ANIMAL/ *BLOOD COAGULATION FACTORS, analysis/ *DOGS, blood/ DOGS, physiology/ *ESTROGENS, blood/ FEMALE/

PREGNANCY/ *PREGNANCY, ANIMAL

3043. **George ER, Balakir RA, Filburn CR, et al:** Cyclic adenosine monophosphate-dependent and -independent protein kinase activity of renal brush border membranes. Arch Biochem Biophys 180(2):429–43, 30 Apr 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL/ CELL MEMBRANE, enzymology/ HISTONES, metabolism/ *KIDNEY TUBULES, PROXIMAL, enzymology/ KINETICS/ MEMBRANE PROTEINS, metabolism/ NUCLEOTIDES, CYCLIC, pharmacodynamics/ PHOSPHOMONOESTERASES, metabolism/ PHOSPHOPROTEINS, metabolism/ PROTAMINES, metabolism/ PROTEIN KINASE, antagonists & inhibitors/ *PROTEIN KINASE, metabolism/ RABBITS/ STRUCTURE-ACTIVITY RELATIONSHIP

3044. **Georghiou P, Jaschevatzky O, Grünstein S:** Retrovesical hematoma with intraperitoneal rupture after vaginal repair. Int Surg 61(8):394–5, Aug 76
ADULT/ CASE REPORT/ FEMALE/ *HEMATOMA, etiology/ *HEMOPERITONEUM, etiology/ HUMAN/ *POSTOPERATIVE COMPLICATIONS/ RUPTURE, SPONTANEOUS/ UTERINE NEOPLASMS, surgery/ *VAGINA, surgery

3045. **Georgievskiĭ VP:** Fizyko-khimichni metody v analizi fitokhimichnykh preparativ i roslynnoï syrovyny. Povidomlennia II. Elektro-khimichni metody. Farm Zh (2):64–8, Mar–Apr 77 (55 ref.) **(Ukr)**
ALKALOIDS, analysis/ ANTHRAQUINONES, analysis/ CONDUCTOMETRY, methods/ COUMARINS, analysis/ FLAVONES, analysis/ *PLANT EXTRACTS, analysis/ POLAROGRAPHY, methods/ POTENTIOMETRY, methods/ REVIEW

3046. **Georgopapadakou N, Hammarström S, Strominger JL:** Isolation of the penicillin-binding peptide from D-alanine carboxypeptidase of Bacillus subtilis. Proc Natl Acad Sci USA 74(3):1009–12, Mar 77
ALANINE/ BACILLUS SUBTILIS, enzymology/ BINDING SITES/ CARBOXYPEPTIDASES, analysis/ *CARBOXYPEPTIDASES, metabolism/ *PENICILLIN G, metabolism/ *PEPTIDES, isolation & purification/ PEPTIDES, metabolism/ PRONASE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3047. **Gerasimova EN:** Narushenie reguliatsii obmennykh protsessov u bol'nykh koronarnym aterosklerozom Kardiologiia 16(2):18–23, Feb 76 (Eng. Abstr.) **(Rus)**
*ADENYL CYCLASE, blood/ ADULT/ ANIMAL/ *BLOOD PLATELETS, enzymology/ *CORONARY DISEASE, metabolism/ ENGLISH ABSTRACT/ HUMAN/ *HYDROCORTISONE, blood/ HYPERLIPEMIA, enzymology/ *LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ *PHOSPHODIESTERASES, blood/ PLATELET AGGREGATION/ RABBITS

3048. **Gerasimova EN:** Itogi i perspektivy izucheniia patogeneza serdechnososudistykh zabolevanii Vopr Med Khim 22(2):147–51, Mar–Apr 76 **(Rus)**
ANIMAL/ BLOOD COAGULATION/ *CARDIOVASCULAR DISEASES, etiology/ CARDIOVASCULAR DISEASES, metabolism/ CORONARY DISEASE, etiology/ CORONARY DISEASE, metabolism/ HORMONES, physiology/ HUMAN/ LIPIDS, metabolism/ LIPOPROTEINS, metabolism

3049. **Géraud J, Bès A, Géraud G:** Accidents cérébraux ischémiques transitoires. Traitements médicaux Rev Prat 27(1):63–70, 1 Jan 77 **(Fre)**
ANTICOAGULANTS, therapeutic use/ *CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ HUMAN

3050. **Gerbaux A, Hanania G, Letteron M, et al:** Résultats à long terme des remplacements valvulaires aortiques par prothèse Arch Mal Coeur 69(2):117–29, Feb 76 (Eng. Abstr.) **(Fre)**
*AORTIC VALVE/ AORTIC VALVE, surgery/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, mortality/ HEMOLYSIS/ HUMAN/ THROMBOEMBOLISM, etiology/ TIME FACTORS

3051. **Gerbaux A:** Problèmes posés par les soins bucco-dentaires chez les cardiaques Cah Odontostomatol Touraine 6(3):53–9, Jul–Sep 74 **(Fre)**
*ANTICOAGULANTS, therapeutic use/ *DENTAL CARE/ ENDOCARDITIS, BACTERIAL, prevention & control/ *HEART VALVE DISEASES/ TOOTH EXTRACTION

3052. **Gerday C:** The primary structure of the parvalbumin II of pike (Esox lucius). Eur J Biochem 70(1):305–18, 1 Nov 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CYANOGEN BROMIDE/ FISHES/ *MUSCLE PROTEINS/ *PARVALBUMINS/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN

3053. **Geren CR, Geren LM, Ebner KE:** Inhibition and inactivation of bovine mammary and liver UDP-galactose-4-epimerases. J Biol Chem 252(6):2089–94, 25 Mar 77
ANIMAL/ *CARBOHYDRATE ISOMERASES, antagonists & inhibitors/ CATTLE/ FEMALE/ KINETICS/ *LIVER, enzymology/ NAD, pharmacodynamics/ ORGAN SPECIFICITY/ PREGNANCY/ TRYPSIN, pharmacodynamics/ *UDDER, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ URACIL NUCLEOTIDES, pharmacodynamics/ URIDINE DIPHOSPHATE GALACTOSE, pharmacodynamics/ *URIDINE DIPHOSPHATE GLUCOSE EPIMERASE, antagonists & inhibitors/ URIDINE DIPHOSPHATE GLUCOSE, pharmacodynamics/ URIDINE, pharmacodynamics

3054. **Gerig JT, Halley BA, Ortiz CE:** Nuclear magnetic resonance studies of p-fluorocinnamate—alpha-chymotrypsin complexes. J Am Chem Soc 99(19):6219–26, 14 Sep 77
*CHYMOTRYPSIN/ *CINNAMATES/ FLUORINE/ NUCLEAR MAGNETIC RESONANCE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3055. **Gerjarusak P, Hinthorn DR, Liu C:** Hyposplenism and disseminated intravascular coagulation (DIC) in fulminant pneumococcal sepsis. South Med J 70(8):995–7, Aug 77
ADULT/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, microbiology/ HUMAN/ MALE/ *PNEUMOCOCCAL INFECTIONS/ *SEPTICEMIA, complications/ SEPTICEMIA, microbiology/ SPLENIC DISEASES, chemically induced/ *SPLENIC DISEASES, complications/ SPLENIC DISEASES, microbiology/ THORIUM DIOXIDE, adverse effects

3056. **Gerlock AJ Jr:** Measurement of pedal venous pressure: a screening procedure in the detection of deep-vein thrombosis and occlusion. Radiology 122(2 Suppl):673–6, Mar 77
*FOOT, blood supply/ HUMAN/ MANOMETRY/ PHLEBOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ *VENOUS PRESSURE

3057. **Gerlock AJ Jr:** The use of the pedal venous pressure (P.V.P.) as a guide in evaluating the patency of venous repairs. J Trauma 17(2):108–10, Feb 77
*FOOT, blood supply/ HUMAN/ LEG, blood supply/ *PULMONARY EMBOLISM, physiopathology/ *THROMBOPHLEBITIS, physiopathology/ VEINS, surgery/ *VENOUS PRESSURE

3058. **German GP, Chernokhvostova EV, Batalova TN, et al:** Issledovanie subklassov immunoglobulina G. I Opredelenie subklassov G-paraproteinov metodom tripticheskogo rasshchepleniia
Zh Mikrobiol Epidemiol Immunobiol (1):61–6, 1977 (Eng. Abstr.) **(Rus)**
CATALYSIS/ ENGLISH ABSTRACT/ HUMAN/ *IGG, analysis/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, FAB, analysis/ IMMUNOGLOBULINS, FC, analysis/ *MYELOMA PROTEINS, analysis/ TRYPSIN

3059. **German HJ, Smith JA, Lindenbaum J:** Chronic intravascular coagulation associated with chronic myelocytic leukemia. Use of heparin in connection with a surgical procedure.
Am J Med 61(4):547–52, Oct 76
ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CASE REPORT/ CHRONIC DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ERYTHROCYTE COUNT/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ LEUKEMIA, MYELOCYTIC, blood/ *LEUKEMIA, MYELOCYTIC, complications/ LEUKEMIA, MYELOCYTIC, mortality/ LEUKOCYTE COUNT/ NEW YORK CITY/ *PELVIC NEOPLASMS, surgery

3060. **Gero S, Szekely J, Szondy E, et al:** Immunological studies with aortic and venous tissue antigens. II. Antibodies to vascular antigens.
Paroi Arterielle 3(2):89–92, Dec 75
AGED/ *AORTA, immunology/ *ARTERIOSCLEROSIS, immunology/ *AUTOANTIBODIES/ AUTOANTIBODIES, analysis/ CEREBRAL ARTERIOSCLEROSIS, immunology/ COLLAGEN, analysis/ CORONARY DISEASE, immunology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, immunology/ *THROMBOPHLEBITIS, immunology/ *VEINS, immunology

3061. **Gerrard JM, Townsend D, Stoddard S, et al:** The influence of prostaglandin G2 on platelet ultrastructure and platelet secretion.
Am J Pathol 86(1):99–115, Jan 77
A-23187, pharmacodynamics/ ADENOSINE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ COMPARATIVE STUDY/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ EDTA, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ HUMAN/ PHORBOLS, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDIN ANTAGONISTS, pharmacodynamics/ PROSTAGLANDINS E, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics/ SEROTONIN, metabolism/ THEOPHYLLINE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3062. **Gerrard JM, White JG:** The structure and function of platelets, with emphasis on their contractile nature.
Pathobiol Annu 6:31–59, 1976 (73 ref.)
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ CELL MOVEMENT/ CONTRACTILE PROTEINS, physiology/ HUMAN/ MICROSCOPY, ELECTRON/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3063. **Gerrard JM, Rao GH, White JG:** The influence of reserpine and ethylenediaminetetraacetic acid (EDTA) on serotonin storage organelles of blood platelets.
Am J Pathol 87(3):633–46, Jun 77
ANIMAL/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, ultrastructure/ CALCIUM, blood/ COMPARATIVE STUDY/ CYTOPLASMIC GRANULES, ultrastructure/ DOGS/ *EDTA, pharmacodynamics/ GLUTARALDEHYDE, pharmacodynamics/ HUMAN/ ORGANOIDS, drug effects/ ORGANOIDS, metabolism/ OSMIUM, pharmacodynamics/ RABBITS/ *RESERPINE, pharmacodynamics/ *SEROTONIN, blood/ SEROTONIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3064. **Gerrard JM, Peller JD, Krick TP, et al:** Cyclic AMP and platelet prostaglandin synthesis.
Prostaglandins 14(1):39–50, Jul 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ARACHIDONIC ACIDS, antagonists & inhibitors/ ARACHIDONIC ACIDS, metabolism/ ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ HUMAN/ PHOSPHOLIPIDS, metabolism/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ *PROSTAGLANDINS, biosynthesis/ THEOPHYLLINE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3065. **Gerritsen SM, Akkerman JW, Nijmeijer B, et al:** The Hermansky-Pudlak syndrome. Evidence for a lowered 5-hydroxytryptamine content in platelets of heterozygotes.
Scand J Haematol 18(3):249–56, Mar 77
ADENOSINE DIPHOSPHATE, blood/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, blood/ ADULT/ *ALBINISM/ ALBINISM, blood/ ALBINISM, familial & genetic/ *BLOOD PLATELETS, metabolism/ CASE REPORT/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HEMORRHAGIC DIATHESIS, blood/ *HEMORRHAGIC DIATHESIS, familial & genetic/ HETEROZYGOTE/ HUMAN/ MALE/ MIDDLE AGE/ PEDIGREE/ PLATELET AGGREGATION, drug effects/ *SEROTONIN, blood/ SYNDROME

3066. **Gersel-Pedersen N:** Blood fibrinolytic activity before and after oral surgery.
Int J Oral Surg 6(1):42–7, Feb 77
FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ FOLLOW-UP STUDIES/ HUMAN/ THROMBIN, metabolism/ *TOOTH EXTRACTION/ TOOTH, IMPACTED, surgery/ UROKINASE, blood

3067. **Gersel-Pedersin N:** Salivary fibrinolytic activity before and after oral surgery estimated on different types of fibrin.
Int J Oral Surg 5(6):270–5, Dec 76
ADULT/ *FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HUMAN/ PLASMINOGEN, metabolism/ *SALIVA, metabolism/ *TOOTH EXTRACTION/ UROKINASE, metabolism

3068. **Gershon ES, Targum SD, Kessler LR, et al:** Genetic studies and biologic strategies in the affective disorders.
Prog Med Genet 2:101–64, 1977
AFFECTIVE DISTURBANCES, classification/ *AFFECTIVE DISTURBANCES, familial & genetic/ AFFECTIVE DISTURBANCES, metabolism/ AGE FACTORS/ ALCOHOLISM, familial & genetic/ BIOLOGICAL TRANSPORT/ BLOOD PLATELETS, metabolism/ CHROMOSOMES/ DEPRESSION, familial & genetic/ DIAGNOSIS, DIFFERENTIAL/ DISEASES IN TWINS/ DOPAMINE, metabolism/ FEMALE/ GENES/ HUMAN/ LINKAGE (GENETICS)/ LITHIUM, therapeutic use/ MALE/ MODELS, BIOLOGICAL/ NOREPINEPHRINE, metabolism/ PEDIGREE/ SEROTONIN, metabolism/ SEX CHROMOSOMES/ SEX FACTORS

3069. **Gerster JC, Wauters JP, Waldburger M, et al:** Hémarthroses compliquant les traitements anticoagulants (héparine, anticoagulants oraux).
Schweiz Med Wochenschr 107(33):1170–2, 20 Aug 77 (Eng. Abstr.) **(Fre)**
ACENOCOUMAROL, adverse effects/ ADMINISTRATION, ORAL/ AGED/ ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, adverse effects/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMARTHROSIS, chemically induced/ HEPARIN, adverse effects/ HUMAN/ INDANS, adverse effects/ MALE/ MIDDLE AGE

3070. **Gerstner JB, Overholt EL:** Ruptured popliteal cysts mimicking 'thrombophlebitis'. Wis Med J 76(4):S49–51, Apr 77
ADOLESCENCE/ ADULT/ AGED/ *BONE CYST, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *KNEE JOINT/ MALE/ MIDDLE AGE/ RUPTURE/ *SYNOVIAL CYST, diagnosis/ *THROMBOPHLEBITIS, diagnosis

3071. **Gertler A, Weiss Y, Burstein Y:** Purification and characterization of porcine elastase II and investigation of its elastolytic specificity. Biochemistry 16(12):2709–15, 14 Jun 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN, metabolism/ DRUG STABILITY/ KINETICS/ OLIGOPEPTIDES, pharmacodynamics/ OVOMUCIN/ PANCREAS, enzymology/ *PANCREATOPEPTIDASE/ PANCREATOPEPTIDASE, isolation & purification/ PANCREATOPEPTIDASE, metabolism/ PEPTIDE FRAGMENTS, analysis/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3072. **Gertler MM, Koutrouby RJ, Leetma HE, et al:** Low-dose heparin and myocardial infarction. pp. 305–21. In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
*ANGINA PECTORIS, drug therapy/ AORTOCORONARY BYPASS/ FEMALE/ GLYCERYL TRINITRATE, administration & dosage/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ MONOGRAPH/ MYOCARDIAL INFARCT, drug therapy/ *MYOCARDIAL INFARCT, prevention & control/ MYOCARDIAL INFARCT, physiopathology/ MYOCARDIAL INFARCT, surgery/ OXYGEN CONSUMPTION

3073. **Gertz SD, Pasternak RC, Gotsman MS, et al:** MI with normal coronaries [letter]. Circulation 56(1):128–9, Jul 77
ANIMAL/ *ARTERIAL OCCLUSIVE DISEASES, complications/ CATS/ CORONARY VESSELS/ HUMAN/ *MYOCARDIAL INFARCT, etiology/ THROMBOSIS, complications

3074. **Gertzbein SD, Tait JH, Devlin SR, et al:** The antigenicity of chondrocytes. Immunology 33(1):141–5, Jul 77
ANIMAL/ *ANTIGENS/ CARTILAGE, cytology/ *CARTILAGE, immunology/ CELL MEMBRANE, immunology/ CELL SEPARATION/ CLOSTRIDIOPEPTIDASE A/ LEUKOCYTE CULTURE TEST, MIXED/ LYMPHOCYTE TRANSFORMATION/ RATS/ TRYPSIN

3075. **Gervais M, Groudinsky O, Risler Y, et al:** Dissection of flavocytochrome b2–a bifunctional enzyme–into a cytochrome core and a flavoprotein molecule. Biochem Biophys Res Commun 77(4):1543–51, 22 Aug 77
*CYTOCHROMES/ *FLAVOPROTEINS/ HANSENULA, enzymology/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN

3076. **Gessler U, Schulz W:** L'insufficienza renale progressiva ad evoluzione rapida nelle nefropatie glomerulari e vascolari. Clin Ter 81(2):89–109, 30 Apr 77 (139 ref.) (Eng. Abstr.) **(Ita)**
*COLLAGEN DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, immunology/ GOODPASTURE'S SYNDROME, complications/ HEMODIALYSIS/ *HEMOLYTIC-UREMIC SYNDROME, complications/ HEPARIN, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY DISEASES, therapy/ *KIDNEY FAILURE, ACUTE, etiology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ *NEPHROSCLEROSIS, complications/ PERIARTERITIS NODOSA, complications/ PURPURA, SCHOENLEIN-HENOCH, complications/ REVIEW/ SCLERODERMA, SYSTEMIC, complications

3077. **Gétaz EP, van Rooyen AJ:** Typhoid fever presenting as immune thrombocytopenic purpura [letter]. S Afr Med J 51(1):3, 1 Jan 77
ADOLESCENCE/ CASE REPORT/ FEMALE/ HUMAN/ *PURPURA, THROMBOPENIC, etiology/ *TYPHOID, complications

3078. **Gétaz EP, Staples WG:** Idiopathic thrombocytopenic purpura and hyperthyroidism: a case report. S Afr Med J 52(7):284–5, 6 Aug 77
ADOLESCENCE/ AZATHIOPRINE, therapeutic use/ CASE REPORT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, drug therapy

3079. **Gething MJ, Davidson BE:** Chorismate mutase/prephenate dehydratase from Escherichia coli K12. 2. Evidence for identical subunits catalysing the two activities. Eur J Biochem 71(2):327–36, 11 Dec 76
AMINO ACID SEQUENCE/ CATALYSIS/ CHORISMIC ACID, metabolism/ CYSTEINE, analysis/ ESCHERICHIA COLI, enzymology/ *HYDRO-LYASES, analysis/ PEPTIDES, isolation & purification/ *PREPHENATE DEHYDRATASE, analysis/ TRYPSIN

3080. **Gettelfinger DM, Kokmen E:** Superior Sagittal Sinus Thrombosis. Arch Neurol 34(1):2–6, Jan 77
ADULT/ ANTICONVULSANTS, therapeutic use/ CASE REPORT/ CONTRACEPTIVES, ORAL, adverse effects/ DEXAMETHASONE, therapeutic use/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY/ *SINUS THROMBOSIS, drug therapy/ SINUS THROMBOSIS, etiology/ SINUS THROMBOSIS, radiography/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3081. **Geyer G, Halbhuber KJ, Feuerstein H:** Spatial arrangement of some erythrocyte membrane receptor sites. Acta Histochem (Jena) 55(2):317–24, 1976
*AGGLUTININS/ ALCIAN BLUE/ ANIMAL/ *BINDING SITES, ANTIBODY/ *ERYTHROCYTES, immunology/ GLYCOLIPIDS, immunology/ GLYCOPROTEINS, immunology/ NEURAMINIDASE/ TRYPSIN

3082. **Géza S, Mihály B:** A disseminált intravascularis coagulatio (DIC) diagnosztikájának és kezelésének aktuális kérdései Orv Hetil 118(10):551–8, 6 Mar 77 **(Hun)**
ADULT/ BLOOD TRANSFUSION/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FEMALE/ HEMOPHILIA, diagnosis/ HEMOPHILIA, familial & genetic/ HEMORRHAGIC DIATHESIS, diagnosis/ HEMOSTASIS, SURGICAL/ HEPARIN, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, etiology

3083. **Ghadially FN, Ailsby RL, Yong NK:** Ultrastructure of the haemophilic synovial membrane and electron-probe X-ray analysis of haemosiderin. J Pathol 120(4):201–8, Dec 76
ADULT/ CASE REPORT/ ELECTRON PROBE MICROANALYSIS/ FERRIC COMPOUNDS, analysis/ *HEMARTHROSIS, pathology/ HEMOPHILIA, complications/ *HEMOSIDERIN, analysis/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ SYNOVIAL MEMBRANE, analysis/ *SYNOVIAL MEMBRANE, ultrastructure

3084. **Ghandur-Mnaymneh L:** Anemic infarction of the liver resulting from hepatic and portal vein thrombosis. Johns Hopkins Med J 139 SUPPL:78–81, Dec 76
ADULT/ CASE REPORT/ *HEPATIC VEIN THROMBOSIS, complications/ HUMAN/ *INFARCTION, etiology/ INFARCTION, pathology/ *LIVER, blood supply/ LIVER,

pathology/ MALE/ POLYCYTHEMIA VERA, complications/ *PORTAL VEIN/ *THROMBOSIS, complications

3085. **Gherasim L:** Anticoagulantele in profilaxia si tratamentul bolii tromboembolice pulmonare
Rev Med Intern [Med Intern] 28(5):335–41, Sep–Oct 76 **(Rum)**
*ANTICOAGULANTS, therapeutic use/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, prevention & control/ VITAMIN K, antagonists & inhibitors

3086. **Gherlinzoni G, Vasciaveo F, Murena PF:** Closed reduction reaming and nailing in fractures of the femoral shaft.
Ital J Orthop Traumatol 1(1):117–31, Apr 75
ADOLESCENCE/ ADULT/ AGED/ CASTS, SURGICAL/ CHILD/ FEMALE/ FEMORAL FRACTURES, radiography/ *FEMORAL FRACTURES, surgery/ FRACTURE FIXATION, INTRAMEDULLARY, adverse effects/ *FRACTURE FIXATION, INTRAMEDULLARY, methods/ HUMAN/ KNEE JOINT, physiopathology/ LEG LENGTH INEQUALITY, etiology/ MALE/ MIDDLE AGE/ MOVEMENT/ POSTOPERATIVE CARE/ RADIOGRAPHIC IMAGE ENHANCEMENT/ SURGICAL WOUND INFECTION, etiology/ THROMBOPHLEBITIS, etiology/ WOUND HEALING

3087. **Ghidalia W, Vendrely R, Coirault Y, et al:** Coagulation de l'hemolymphe chez Macropipus puber (L.) Crustacé Décapode. Mise en évidence des rôles respectifs du plasma et des organites cellulaires dans les mécanismes de la coagulation C R Acad Sci [D] (Paris) 284(1):69–72, 3 Jan 77 (Eng. Abstr.) **(Fre)**
ANIMAL/ BLOOD CELLS, physiology/ BLOOD COAGULATION FACTORS, physiology/ *BLOOD COAGULATION/ CRABS, physiology/ *CRUSTACEA, physiology/ DRUG STABILITY/ ENGLISH ABSTRACT/ HEAT/ *HEMOLYMPH, physiology/ PLASMA, physiology

3088. **Ghielmetti C:** Uber die Indikation zur Thyreoidektomie im Berner Karnkengut Helv Chir Acta 43(5–6):631–4, Dec 76 **(Ger)**
ADENOCARCINOMA, surgery/ CARCINOMA, surgery/ CARCINOMA, PAPILLARY, surgery/ HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ NEOPLASM METASTASIS/ SARCOMA, surgery/ SWITZERLAND/ *THYROID NEOPLASMS, occurrence/ THYROID NEOPLASMS, surgery/ *THYROIDECTOMY

3089. **Ghiringhelli L:** Ematomi perirenali spontanei: descrizione di un caso Atti Accad Med Lomb 30(1–3):117–24, 1975 **(Ita)**
CASE REPORT/ FEMALE/ *HEMATOMA/ HUMAN/ *KIDNEY DISEASES/ MIDDLE AGE

3090. **Ghosh BB, Sarengi NN, Wasek MA, et al:** Spinal vascular malformation. J Indian Med Assoc 67(8):184–5, 16 Oct 76
ADULT/ CASE REPORT/ *HEMANGIOMA/ HUMAN/ MALE/ *SPINAL CORD NEOPLASMS

3091. **Ghosh SK, Nicolson I:** Malaria—the great mimic.
Br Med J 1(6069):1136–7, 30 Apr 77
ADULT/ CASE REPORT/ HUMAN/ MALARIA, complications/ *MALARIA, diagnosis/ MALE/ PURPURA, etiology

3092. **Giagnoni G, Sabol SL, Nirenberg M:** Synthesis of opiate peptides by a clonal pituitary tumor cell line.
Proc Natl Acad Sci USA 74(6):2259–63, Jun 77
ADENYL CYCLASE, metabolism/ ANIMAL/ BIOLOGICAL ASSAY/ CELL LINE/ CLONE CELLS/ ELECTRIC STIMULATION/ *ENDORPHINS, biosynthesis/ *ENKEPHALINS, biosynthesis/ ENKEPHALINS, pharmacodynamics/ ENZYME ACTIVATION/ GUINEA PIGS/ ILEUM, drug effects/ ILEUM, physiology/ KINETICS/ NALOXONE, pharmacodynamics/ *OLIGOPEPTIDES, biosynthesis/ PEPTIDE HYDROLASES, pharmacodynamics/ *PEPTIDES, biosynthesis/ PITUITARY NEOPLASMS, metabolism/ PROSTAGLANDINS E, pharmacodynamics

3093. **Giannelli S Jr, Lambright BR, Marin MZ:** Spontaneous variability of the hemoglobin affinity for oxygen.
Crit Care Med 5(3):150–3, May–Jun 77
DIPHOSPHOGLYCERIC ACIDS, blood/ ERYTHROCYTES, analysis/ *HEMOGLOBINS/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *OXYGEN, blood/ OXYHEMOGLOBIN, analysis/ PARTIAL PRESSURE

3094. **Giannestras NJ, Cranley JJ, Lentz M:** Occlusion of the tibial artery after a foot operation under tourniquet: a case report. J Bone Joint Surg [Am] 59(5):682–3, Jul 77
ADULT/ ANGIOGRAPHY/ *ARTERIAL OCCLUSIVE DISEASES, etiology/ ARTERIAL OCCLUSIVE DISEASES, radiography/ ATHEROMA, radiography/ CASE REPORT/ FEMALE/ *FOOT, surgery/ HUMAN/ *LEG, blood supply/ *POSTOPERATIVE COMPLICATIONS, etiology/ TENDONS, PARA-ARTICULAR, surgery/ THROMBOSIS, etiology/ *TOURNIQUETS, adverse effects

3095. **Giannitsis DJ:** Effect of histones on the intracellular metabolism of ascorbic acid. Arzneim Forsch 27(2):353–4, Feb 77
*ASCORBIC ACID, blood/ ASCORBIC ACID, pharmacodynamics/ DRUG INTERACTIONS/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, metabolism/ *HISTONES, pharmacodynamics/ HUMAN/ PEROXIDASES, blood/ PROTAMINES, pharmacodynamics/ TIME FACTORS

3096. **Gibaldi M, McNamara PJ:** Tissue binding of drugs [letter]
J Pharm Sci 66(8):1211–2, Aug 77
ANIMAL/ BLOOD PROTEINS, metabolism/ DIPHENYLHYDANTOIN, metabolism/ *DRUGS, metabolism/ HUMAN/ KIDNEY DISEASES, metabolism/ MODELS, BIOLOGICAL/ PROTEIN BINDING/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, metabolism

3097. **Gibberd FB, Gould SR, Marks P:** Incidence of deep vein thrombosis and leg oedema in patients with strokes.
J Neurol Neurosurg Psychiatry 39(12):1222–5, Dec 76
*CEREBROVASCULAR DISORDERS, complications/ *EDEMA, etiology/ FIBRINOGEN, diagnostic use/ HUMAN/ *LEG/ PARALYSIS, etiology/ RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis

3098. **Gibbs D, Riddiford LM:** Prothoracicotropic hormone in Manduca sexta: localization by a larval assay.
J Exp Biol 66(1):255–66, Feb 77
ANIMAL/ BIOLOGICAL ASSAY/ BRAIN MAPPING/ HEAT/ *INSECT HORMONES/ INSECT HORMONES, analysis/ INSECT HORMONES, biosynthesis/ LARVA/ *LEPIDOPTERA, physiology/ MOTHS, anatomy & histology/ *MOTHS, physiology/ NEUROSECRETORY SYSTEMS, cytology/ NEUROSECRETORY SYSTEMS, metabolism/ PEPTIDE HYDROLASES, metabolism/ PUPA/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3099. **Gibson MH, Mills JG, Johnson GE, et al:** Popliteal entrapment syndrome. Ann Surg 185(3):341–8, Mar 77
ADULT/ AGED/ ANGIOGRAPHY/ CASE REPORT/ FEMALE/ HUMAN/ *INTERMITTENT CLAUDICATION, congenital/ INTERMITTENT CLAUDICATION, surgery/ LEG, blood supply/ MALE/ MUSCLES, embryology/ *POPLITEAL ARTERY, abnormalities/ POPLITEAL ARTERY, embryology/ POPLITEAL ARTERY, surgery/ SAPHENOUS VEIN, transplantation/ THROMBOSIS, surgery/ TRANSPLANTATION, AUTOLOGOUS

3100. **Gibson RA, Paleg LG:** Purification of gibberellic acid-induced lysosomes from wheat aleurone cells.
J Cell Sci 22(2):413–25, Nov 76
AMYLASE, metabolism/ *CELL

FRACTIONATION/ CENTRIFUGATION, ISOPYCNIC/ CYTOCHROME REDUCTASES, metabolism/ *GIBBERELLINS/ *LYSOSOMES/ LYSOSOMES, enzymology/ LYSOSOMES, ultrastructure/ PEPTIDE HYDROLASES, metabolism/ RIBONUCLEASE, metabolism/ *SEEDS, ultrastructure/ SUBCELLULAR FRACTIONS, enzymology/ *WHEAT

3101. **Gidron E, Margalit R, Oliven A, et al:** Effect of myocardial infarction on components of fibrinolytic system. Br Heart J 39(1):19–24, Jan 77
ADULT/ AGED/ *FIBRINOGEN, analysis/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ PLASMINOGEN, analysis/ TIME FACTORS

3102. **Giercksky KE, Bjorklid E:** Protection of rats by phospholipase C from Bacillus cereus against the effects of intravenous infusions of purified tissue thromboplastin. Scand J Haematol 17(4):305–11, Oct 76
ANIMAL/ BACILLUS CEREUS, enzymology/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, metabolism/ BLOOD PLATELETS, drug effects/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ INJECTIONS, INTRAVENOUS/ MALE/ PHOSPHOLIPASE, administration & dosage/ PHOSPHOLIPASE, isolation & purification/ *PHOSPHOLIPASE, therapeutic use/ PULMONARY CIRCULATION/ RATS/ *THROMBOPLASTIN/ THROMBOPLASTIN, administration & dosage/ THROMBOPLASTIN, toxicity/ *THROMBOSIS, prevention & control/ TIME FACTORS

3103. **Giercksky KE, Otnaess AB, Bjorklid E, et al:** A new therapy in post-traumatic intravascular coagulation? Thromb Haemostas 36(3):641–4, 31 Dec 76
ANIMAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ MALE/ *PHOSPHOLIPASE, therapeutic use/ RATS/ THROMBOPLASTIN, antagonists & inhibitors/ WOUNDS AND INJURIES, complications

3104. **Giercksky KE:** The effect of phospholipase C on rat blood platelets in vivo. Scand J Haematol 18(3):219–25, Mar 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADMINISTRATION, ORAL/ ANIMAL/ *BLOOD PLATELETS, drug effects/ CELL SURVIVAL, drug effects/ INJECTIONS, INTRAVENOUS/ MALE/ PHOSPHOLIPASE, administration & dosage/ *PHOSPHOLIPASE, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ PROTHROMBIN TIME/ RATS/ THROMBIN, pharmacodynamics/ TIME FACTORS

3105. **Gierczyńską A, Uszyński L:** Leczenie wylewów krwi do wnętrza oka i przebieg operacji przeciwjaskrowej u chorego z hemofilią A Klin Oczna 46(10):1107–11, 1976 **(Pol)** (Eng. Abstr.)
ADULT/ CASE REPORT/ CRYOGLOBULINS, administration & dosage/ ENGLISH ABSTRACT/ EYE INJURIES, complications/ *GLAUCOMA, surgery/ *HEMOPHILIA, complications/ HEMORRHAGE, etiology/ *HEMORRHAGE, therapy/ HUMAN/ MALE

3106. **Gierhake FW:** Wundheilungsstörungen und ihre Verhütung Unfallheilkunde 79(11):457–60, Nov 76 (Eng. Abstr.) **(Ger)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FACTOR VIII, administration & dosage/ HUMAN/ MALE/ *WOUND HEALING/ *WOUND INFECTION, prevention & control

3107. **Giesecke AH Jr, Jenkins MT:** Intraoperative patient care. Fluid therapy. Clin Anesth 11(2):57–69, 1976
ACIDOSIS, blood/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ BLOOD VESSELS, metabolism/ BLOOD VOLUME/ EXTRACELLULAR SPACE, analysis/ EXTRACELLULAR SPACE, metabolism/ HUMAN/ HYPOTENSION, physiopathology/ *INFUSIONS, PARENTERAL/ KIDNEY, physiopathology/ LACTATES, blood/ PULMONARY EDEMA, etiology/ SALTS, metabolism/ SERUM ALBUMIN, therapeutic use/ SHOCK, HEMORRHAGIC, complications/ SHOCK, HEMORRHAGIC, metabolism/ SHOCK, HEMORRHAGIC, physiopathology/ *SHOCK, HEMORRHAGIC, therapy/ SOLUTIONS/ URINE/ *WOUNDS AND INJURIES, surgery

3108. **Giglio JR, Rossi A, Leone FA, et al:** Isolation and characterization of an active three-chain molecular species of bovine thrombin. Biochem J 159(1):29–33, 1 Oct 76
AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ CHROMATOGRAPHY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ISOLEUCINE, analysis/ LYSINE, analysis/ MOLECULAR WEIGHT/ PEPTIDE CHAIN TERMINATION/ PROTHROMBIN/ THREONINE, analysis/ THROMBIN, analysis/ *THROMBIN, isolation & purification

3109. **Gilat T, Gelman-Malachi E, Ronen O:** Chymotrypsin output in the stools in pancreatic and other diseases. Am J Gastroenterol 66(2):140–5, Aug 76
*CHYMOTRYPSIN/ CHYMOTRYPSIN, analysis/ CHYMOTRYPSIN, secretion/ COPPER/ EVALUATION STUDIES/ *FECES, enzymology/ METHODS/ *PANCREATIC DISEASES, diagnosis/ SECRETORY RATE/ SPECIMEN HANDLING/ THIOCYANATES, diagnostic use

3110. **Gilbert GJ, Laughlin R:** Hemorrhagic femoral neuropathy: report of a case due to anticoagulant [letter]. Dis Nerv Syst 38(5):365, May 77
ACUTE DISEASE/ ADMINISTRATION, ORAL/ ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, adverse effects/ CASE REPORT/ *FEMORAL NERVE/ FEMORAL NERVE, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ *PERIPHERAL NERVE DISEASES, chemically induced/ PROTHROMBIN TIME/ WARFARIN, administration & dosage/ WARFARIN, adverse effects

3111. **Gilbert L, Ribot S, Frankel H, et al:** Fibrinous uremic pleuritis: a surgical entity. Chest 67(1):53–6, Jan 75
ADULT/ CASE REPORT/ FEMALE/ *FIBRIN/ HEMORRHAGE, etiology/ HUMAN/ LUNG DISEASES, etiology/ LUNG DISEASES, pathology/ LUNG DISEASES, surgery/ LUNG, physiopathology/ *PLEURISY, etiology/ PLEURISY, radiography/ PLEURISY, surgery/ TIME FACTORS/ *UREMIA, complications/ WOUND HEALING

3112. **Gilbert MS:** Reconstructive surgery in the hemophiliac. Mt Sinai J Med NY 44(3):374–88, May-Jun 77
*HEMOPHILIA, complications/ HEMORRHAGE, etiology/ HUMAN/ INFECTION, etiology/ JOINT DISEASES, etiology/ *JOINT DISEASES, surgery/ PATIENT CARE TEAM/ POSTOPERATIVE COMPLICATIONS

3113. **Gilbert MS:** Musculoskeletal manifestations of hemophilia. Mt Sinai J Med NY 44(3):339–58, May-Jun 77
ADOLESCENCE/ CHILD, PRESCHOOL/ *HEMARTHROSIS, etiology/ HEMARTHROSIS, radiography/ HEMARTHROSIS, therapy/ *HEMOPHILIA, complications/ HEMOPHILIA, radiography/ HEMOPHILIA, therapy/ HUMAN

3114. **Gilden DH, Eisner J:** Lumbar plexopathy caused by disseminated intravascular coagulation. JAMA 237(26):2846–7, 27 Jun 77
ACUTE DISEASE/ ADULT/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ FEMORAL NERVE/ HUMAN/ *LUMBOSACRAL PLEXUS/ OBTURATOR NERVE/ PERIPHERAL NERVE DISEASES/ SEPTICEMIA, complications

3115. **Gillen GH, Trieger N:** Bilateral mandibular swellings in sickle cell anemia. NY J Dent 46(6):196–8, Jun-Jul 76
ADULT/ *ANEMIA, SICKLE CELL, complications/ CASE REPORT/ *HEMATOMA, etiology/ HUMAN/ MALE/ *MANDIBULAR DISEASES, etiology/ PARESTHESIA, etiology

3116. **Gillet C, Eeckhout Y, Vaes G:** Purification of procollagenase and collagenase by affinity chromatography on Sepharose-collagen. FEBS Lett 74(1):126–8, 15 Feb 77
ANIMAL/ BONE AND BONES, enzymology/ CELLS, CULTURED/ CHROMATOGRAPHY,

AFFINITY, methods/ *CLOSTRIDIOPEPTIDASE A, isolation & purification/ COLLAGEN/ MICE/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *PROCOLLAGEN PEPTIDASE, isolation & purification/ SEPHAROSE

3117. **Gillies PJ, Bell FP:** Arterial and plasma carnitine levels in rabbits: influence of age and dietary cholesterol. Exp Mol Pathol 25(3):402–11, Dec 76
AGE FACTORS/ ANIMAL/ *AORTA, metabolism/ CARNITINE, analogs & derivatives/ CARNITINE, blood/ *CARNITINE, metabolism/ CHOLESTEROL, DIETARY, metabolism/ *DIET, ATHEROGENIC/ MALE/ RABBITS

3118. **Gillmann H:** Antikoagulantienbehandlung nach Herzinfarkt Med Klin 72(9):365, 4 Mar 77 **(Ger)**
AFTER CARE/ ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, therapeutic use/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy/ TIME FACTORS

3119. **Gilly R, Lapras C, Mamelle JC, et al:** Myase migrante du genre hypoderma avec hématome intracérébral. A propos d'une observation chez un enfant de 7 ans Pediatrie 31(1):67–75, Jan–Feb 76 (Eng. Abstr.) **(Fre)**
CASE REPORT/ *CEREBRAL HEMORRHAGE, etiology/ CHILD/ ENGLISH ABSTRACT/ *HEMATOMA, etiology/ HUMAN/ MALE/ *MYIASIS, complications

3120. **Gilmore NJ:** Mediators of inflammation and the modes of action of anti-inflammatory agents. Ann Allergy 37(6):420–30, Dec 76
*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTINEOPLASTIC AGENTS, pharmacodynamics/ BLOOD PROTEINS/ BRADYKININ, metabolism/ COMPLEMENT/ ENZYME ACTIVATION/ FACTOR XII/ HUMAN/ *INFLAMMATION, metabolism/ INFLAMMATION, pathology/ KININS, metabolism/ LYMPHOCYTES, immunology/ PLASMINOGEN, metabolism/ STEROIDS, pharmacodynamics

3121. **Gilsanz V, Campo C, Cue R, et al:** Recurrent pulmonary embolism due to hydatid disease of heart. Study of 3 cases, one with intermittent tricuspid valve obstruction (atrial pseudomyxoma). Br Heart J 39(5):553–8, May 77
ADULT/ CASE REPORT/ *ECHINOCOCCOSIS, complications/ ECHINOCOCCOSIS, radiography/ FEMALE/ *HEART DISEASES, complications/ HEART DISEASES, parasitology/ HEART DISEASES, radiography/ HEART VALVE DISEASES, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, parasitology/ TRICUSPID VALVE

3122. **Gimbrone MA Jr, Fareed GC:** Transformation of cultured human vascular endothelium by SV40 DNA. Cell 9(4 PT 2):685–93, Dec 76
ANTIGENS/ CELL DIVISION/ CELL NUCLEOLUS, ultrastructure/ CELL NUCLEUS, ultrastructure/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ CYTOPATHOGENIC EFFECT, VIRAL/ *DNA, VIRAL/ ENDOTHELIUM, cytology/ FACTOR VIII, immunology/ KARYOTYPING/ KININASE II, metabolism/ *SV40 VIRUS

3123. **Ginsberg LC, Di Ferrante N:** Sensitive methods for the determination of ester sulfate in biological systems. Biochem Med 17(1):80–6, Feb 77
ANIMAL/ CELLS, CULTURED/ CHONDROITIN SULFATES/ DEXTRAN/ FEMALE/ FIBROBLASTS, analysis/ HEPARIN/ HUMAN/ INDICATORS AND REAGENTS/ KIDNEY, analysis/ METHODS/ MICROCHEMISTRY/ OLIGOSACCHARIDES/ PLACENTA, analysis/ PREGNANCY/ SKIN, analysis/ SPECTROPHOTOMETRY/ *SULFURIC ACID ESTERS, analysis/ *SULFURIC ACIDS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3124. **Ginsburg AD, Shah K, Mackie KW:** Hematologic changes in a patient with Hodgkin's disease in relapse. JAMA 238(12):1272–3, 19 Sep 77
ADOLESCENCE/ ANEMIA, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CASE REPORT/ CHRONIC DISEASE/ FEMALE/ HEMATOCRIT/ HEMOGLOBINS, analysis/ *HODGKIN'S DISEASE, blood/ HODGKIN'S DISEASE, pathology/ HODGKIN'S DISEASE, radiography/ HUMAN/ LYMPH NODES, pathology/ LYMPHOGRAPHY/ SPLENECTOMY/ THROMBOCYTOSIS, blood

3125. **Giraldo G, Degos L, Beth E, et al:** HLA antigens in 16 families with xeroderma pigmentosum. Tissue Antigens 9(3):167–70, Mar 77
BLOOD PLATELETS, immunology/ COMPLEMENT FIXATION TESTS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ GENE FREQUENCY/ *HISTOCOMPATIBILITY ANTIGENS/ *HL-A/ HUMAN/ LINKAGE (GENETICS)/ LYMPHOCYTES, immunology/ MALE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *XERODERMA PIGMENTOSUM, familial & genetic/ XERODERMA PIGMENTOSUM, immunology

3126. **Girard JP, Fernandes B:** Studies on the mitogenic activity of trypsin, pronase and neuraminidase on human peripheral blood lymphocytes. Eur J Clin Invest 6(5):347–53, 10 Sep 76
B-LYMPHOCYTES, drug effects/ DNA, biosynthesis/ HUMAN/ LYMPHOCYTE TRANSFORMATION, drug effects/ LYMPHOCYTES, cytology/ *LYMPHOCYTES, drug effects/ *MITOSIS, drug effects/ *NEURAMINIDASE, pharmacodynamics/ PLANT AGGLUTININS/ POLYSACCHARIDES, BACTERIAL/ *PRONASE, pharmacodynamics/ T-LYMPHOCYTES, drug effects/ *TRYPSIN, pharmacodynamics/ TUBERCULIN

3127. **Girardet M, Jacotot B, Mendy F, et al:** Effects of edible oils on blood and arterial lipids in rats after one year's balanced normolipidic diet. J Med 8(3–4):261–78, 1977
ANIMAL/ AORTA, analysis/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ CHOLESTEROL, blood/ COMPARATIVE STUDY/ DIET, ATHEROGENIC/ *DIETARY FATS/ DIETARY FATS, administration & dosage/ DIETARY FATS, adverse effects/ DIETARY FATS, analysis/ FATTY ACIDS, analysis/ FOLLOW-UP STUDIES/ HYPERLIPEMIA, complications/ LIPIDS, blood/ *LIPIDS, metabolism/ MALE/ MYOCARDIUM, analysis/ OILS, administration & dosage/ OILS, adverse effects/ OILS, analysis/ *OILS, pharmacodynamics/ PHOSPHOLIPIDS, blood/ RATS/ TRIGLYCERIDES, blood

3128. **Girdano J, Zinner M, Hobson RW, et al:** The effect of microaggregates in stored blood on canine pulmonary vascular resistance. Surgery 80(5):617–23, Nov 76
ANIMAL/ *BLOOD COAGULATION/ *BLOOD PRESERVATION/ BLOOD PRESSURE/ BLOOD TRANSFUSION, AUTOLOGOUS/ CARBON DIOXIDE, blood/ CARDIAC OUTPUT/ DOGS/ HYDROGEN-ION CONCENTRATION/ MICROSPHERES/ OXYGEN, blood/ PULMONARY ARTERY, physiology/ *PULMONARY CIRCULATION/ SHOCK, HEMORRHAGIC, blood/ SHOCK, HEMORRHAGIC, physiopathology/ SHOCK, HEMORRHAGIC, therapy/ *VASCULAR RESISTANCE

3129. **Girling DJ:** Adverse reactions to rifampicin in antituberculosis regimens. J Antimicrob Chemother 3(2):115–32, Mar 77 (106 ref.)
ANEMIA, HEMOLYTIC, chemically induced/ ANEMIA, HEMOLYTIC, etiology/ GASTROINTESTINAL SYSTEM, physiopathology/ HUMAN/ INFLUENZA, chemically induced/ INFLUENZA, etiology/ KIDNEY FAILURE, ACUTE, chemically induced/ KIDNEY FAILURE, ACUTE, etiology/ LIVER, physiopathology/ REVIEW/ *RIFAMPIN, adverse effects/ RIFAMPIN, therapeutic use/ SKIN, physiopathology/ SYNDROME/ THROMBOPENIA, chemically induced/ THROMBOPENIA, etiology/ *TUBERCULOSIS, PULMONARY, drug therapy/ TUBERCULOSIS, PULMONARY, physiopathology

3130. **Girndt J, Scheler F:** Untersuchugen zur Pathogenese der Ovulationshemmer-Hypertonie Klin Wochenschr 55(7):347-8, 1 Apr 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ BLOOD COAGULATION, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ ENGLISH ABSTRACT/ ESTROGENS, adverse effects/ FEMALE/ HYPERTENSION, RENAL, blood/ *HYPERTENSION, RENAL, chemically induced/ HYPERTENSION, RENAL, metabolism/ NATRIURESIS, drug effects/ PROGESTATIONAL HORMONES, SYNTHETIC, adverse effects/ RATS/ RENIN, blood

3131. **Girolami A, Borsato N, Patrassi G, et al:** An immunological investigation of factor VIII associated antigen in combined factor V and factor VIII deficiency. Blut 33(2):97-102, Aug 76
*ANTIGENS, analysis/ FACTOR V DEFICIENCY, complications/ *FACTOR V DEFICIENCY, immunology/ *FACTOR VIII/ FEMALE/ GEL DIFFUSION TESTS/ HEMOPHILIA, complications/ *HEMOPHILIA, immunology/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE

3132. **Girolami A, Cella G, Burul A, et al:** Failure of tranexamic acid to influence the ellagic acid-induced hypercoagulable state. Folia Haematol (Leipz) 103(2):261-70, 1976
ANIMAL/ *BLOOD COAGULATION, drug effects/ *CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ DOGS/ ELLAGIC ACID/ FACTOR XII, antagonists & inhibitors/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ *TRANEXAMIC ACID, pharmacodynamics

3133. **Girolami A, Patrassi G, Burul A:** Decrease of normotest/thrombotest discrepancy in non-contacted coumarin plasma after glass or ellagic acid activation. Blut 33(1):41-8, Jul 76
*BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ COUMARINS/ ELLAGIC ACID, pharmacodynamics/ FACTOR VII/ GLASS/ HUMAN/ TIME FACTORS

3134. **Girolami A, Cella G:** Effect of low-dose subcutaneous heparin on whole-blood viscosity [letter]. Lancet 2(7991):909, 23 Oct 76
*BLOOD VISCOSITY, drug effects/ *HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ HUMAN/ INJECTIONS, SUBCUTANEOUS

3135. **Girolami A, Fabris F, Peruffo R, et al:** Platelet aggregation and adhesiveness in classical factor X deficiency and in the abnormal factor X (factor X Friuli) coagulation disorder. Acta Haematol (Basel) 56(5):307-13, 1976
A-23187, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD COAGULATION DISORDERS, blood/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *FACTOR X DEFICIENCY, blood/ HUMAN/ *HYPOPROTHROMBINEMIAS, blood/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ RISTOCETIN, pharmacodynamics/ THROMBOPLASTIN, pharmacodynamics

3136. **Girolami A, Fabris F, Marco L, et al:** The effect of ionophore on platelet aggregation in von Willebrand's disease and in congenital afibrinogenemia. A comparison with ristocetin. Acta Haematol (Basel) 56(3):151-9, 1976
*AFIBRINOGENEMIA, blood/ CITRATES, pharmacodynamics/ COMPARATIVE STUDY/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ *IONOPHORES, pharmacodynamics/ MALE/ *PLATELET AGGREGATION, drug effects/ *RISTOCETIN, pharmacodynamics/ *VON WILLEBRAND'S DISEASE, blood

3137. **Girolami A, Cella G, Patrassi G:** Increased whole blood viscosity on cooling in a patient with cold hemoagglutinin disease. Vox Sang 31(1 SUPPL):1-8, 1976
AGED/ *AGGLUTININS/ ANEMIA, blood/ AUTOANTIBODIES/ *BLOOD VISCOSITY/ CASE REPORT/ CHRONIC DISEASE/ *COLD/ *HEMAGGLUTININS/ HEMATOCRIT/ HUMAN/ MALE/ *PARAPROTEINEMIAS, blood

3138. **Girolami A, Brunetti A, Patrassi G, et al:** The 'echis carinatus venom' prothrombin assay in coumarin treated patients. A comparison with one-stage and immunological assays. Folia Haematol (Leipz) 103(5):746-57, 1976
COMPARATIVE STUDY/ *COUMARINS, pharmacodynamics/ HUMAN/ HYPOPROTHROMBINEMIAS, diagnosis/ *PROTHROMBIN TIME, methods/ SNAKES/ THROMBIN, biosynthesis/ *VENOMS

3139. **Girolami A, Brunetti A, Patrassi GM:** Normotest--thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex and in coumarin-treated patients: a nonspecific phenomenon. Am J Clin Pathol 67(1):57-60, Jan 77
*ACENOCOUMAROL, pharmacodynamics/ ACENOCOUMAROL, therapeutic use/ *BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION TESTS/ BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/ FACTOR X DEFICIENCY, blood/ HEMOPHILIA, blood/ HUMAN/ *HYPOPROTHROMBINEMIAS, blood/ PROTHROMBIN TIME

3140. **Girolami A, Sticchi A, Burul A, et al:** An immunological investigation of hemophilia B with a tentative classification of the disease into five variants. Vox Sang 32(4):230-8, 1977
CHRISTMAS DISEASE, classification/ *CHRISTMAS DISEASE, immunology/ FACTOR IX, analysis/ FACTOR VII, analysis/ FACTOR XI, analysis/ HUMAN/ ISOANTIGENS, analysis/ VARIATION (GENETICS)

3141. **Girolami A, Brunetti A, Cella G, et al:** Lack of inhibition of ellagic acid induced hypercoagulable state and lack of thrombosis in the dog after PAMBA administration. Blut 34(5):363-70, May 77
*P-AMINOBENZOIC ACID, analogs & derivatives/ *P-AMINOBENZOIC ACID, pharmacodynamics/ *AMINOBENZOIC ACIDS, pharmacodynamics/ ANIMAL/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ DOGS/ ELLAGIC ACID/ FEMALE/ MALE/ THROMBOSIS, prevention & control/ TIME FACTORS

3142. **Girolami A, Patrassi G, Fabris F:** Glass activation-induced decrease or disappearance of normotest-thrombotest discrepancy in congenital coagulation disorders of the prothrombin complex. Folia Haematol (Leipz) 104(2):283-93, 1977
BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS, standards/ COUMARINS, therapeutic use/ GLASS/ HUMAN

3143. **Girolami A:** Diagnostic value of the thrombotest dilution curve [letter] Thromb Haemostas 37(3):568-9, 30 Jun 77
*BLOOD COAGULATION TESTS, methods/ HUMAN

3144. **Giry PB, Porlier G, Eastman D, et al:** Dive-induced modifications in platelet kinetics in rats. Undersea Biomed Res 4(2):147-57, Jun 77
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS, metabolism/ BONE MARROW, physiology/ COMPARATIVE STUDY/ DECOMPRESSION SICKNESS, blood/ *DECOMPRESSION/ FEMALE/ LUNG, analysis/ MALE/ *PRESSURE/ RATS/ SEX FACTORS/ SPLENECTOMY

3145. **Gitel SN, Wessler S, Medina VM:** The rabbit as an animal model for the activated factor X-antithrombin III-heparin reaction. Circ Res 41(2):187-91, Aug 77
ANIMAL/ *ANTITHROMBINS, analysis/ CHROMATOGRAPHY, GEL/ EVALUATION STUDIES/ *FACTOR X, antagonists & inhibitors/ *HEPARIN/ HUMAN/ MALE/ *MODELS, BIOLOGICAL/ *RABBITS/ SODIUM CHLORIDE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3146. **Gitel SN, Stephenson RC, Wessler S:** In vitro and in vivo correlation of clotting protease activity: effect of heparin. Proc Natl Acad Sci USA 74(7):3028-32, Jul 77

ANIMAL/ ANTITHROMBINS, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ DISEASE MODELS, ANIMAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FACTOR IX, antagonists & inhibitors/ *FACTOR IX, metabolism/ FACTOR X, antagonists & inhibitors/ *FACTOR X, metabolism/ *HEPARIN, pharmacodynamics/ RABBITS/ *SNAKE VENOMS, pharmacodynamics/ THROMBIN, antagonists & inhibitors/ *THROMBIN, metabolism/ THROMBOSIS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3147. **Gitsch E:** Zur Berücksichtigung wenig beachteter Aspekte bei der Anwendung der hormonalen Kontrazeption Ther Umsch 33(4):218–21, Apr 76 (Eng. Abstr.) **(Ger)**
ADULT/ CERVIX NEOPLASMS, diagnosis/ CONTRACEPTION/ *CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL/ CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PUBERTY/ THROMBOEMBOLISM, chemically induced

3148. **Giudicelli Y, Provin D, Pecquery R, et al:** Influence of trypsin on lipolysis in human fat cells. Comparison with rat adipocytes. Biochim Biophys Acta 450(3):358–66, 20 Dec 76
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ADULT/ ANIMAL/ COMPARATIVE STUDY/ EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ GLYCERIN, metabolism/ HUMAN/ INSULIN, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ KINETICS/ LACTATE DEHYDROGENASE, metabolism/ *LIPID MOBILIZATION, drug effects/ MALE/ MIDDLE AGE/ NOREPINEPHRINE, pharmacodynamics/ RATS/ SPECIES SPECIFICITY/ *TRYPSIN, pharmacodynamics

3149. **Gjesdal K:** Platelet function and plasma free fatty acids during acute myocardial infarction and severe angina pectoris. Scand J Haematol 17(3):205–12, SEP 76
ACUTE DISEASE/ ADULT/ AGED/ *ANGINA PECTORIS, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD CELL COUNT/ *BLOOD PLATELETS, physiology/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ *PLATELET AGGREGATION/ PLATELET FACTOR 4, analysis

3150. **Gjesdal K, Nordoy A, Wang H, et al:** Effects of fasting on plasma and platelet-free fatty acids and platelet function in healthy males. Thromb Haemostas 36(2):325–33, 30 Nov 76
ADULT/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ *FASTING/ *FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ MALE/ PLATELET AGGREGATION/ PLATELET FACTOR 4, analysis/ STARVATION, blood

3151. **Gjesdal K, Pepper DS:** Half-life of platelet factor 4 (PF-4) in plasma and platelets from macaca mulatta. Thromb Haemostas 37(1):73–80, 28 Feb 77
ANIMAL/ *BLOOD COAGULATION FACTORS, analysis/ HALF-LIFE/ HUMAN/ *MACACA, blood/ MONKEYS/ *PLATELET FACTOR 4, analysis/ RABBITS, blood/ *RHESUS MONKEYS, blood

3152. **Gjonnass H:** Iatrogent induserte blødninger Tidsskr Nor Laegeforen 96(26):1380–2, 20 SEP 76 (Eng. Abstr.) **(Nor)**
ANTICOAGULANTS, adverse effects/ CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IATROGENIC DISEASE/ POSTOPERATIVE COMPLICATIONS/ THROMBOPENIA, complications/ UTERINE HEMORRHAGE, chemically induced/ *UTERINE HEMORRHAGE, etiology

3153. **Gjønness H:** Meno-/metroragi med relasjon til koagulasjon og fibrinolyse Tidsskr Nor Laegeforen 96(26):1356–9, 20 SEP 76 (Eng. Abstr.) **(Nor)**
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HEMOSTASIS/ HUMAN/ *MENORRHAGIA, blood/ MENORRHAGIA, physiopathology/ MENORRHAGIA, therapy/ *METRORRHAGIA, blood/ METRORRHAGIA, physiopathology/ METRORRHAGIA, therapy

3154. **Gjöres JE, Svendler CA, Todoreskov R:** Thrombosis of the subclavian vein—a feature of the thoracic outlet syndrome. Acta Chir Scand [Suppl] (465):78–9, 1976
ADULT/ BRACHIAL PLEXUS/ FEMALE/ HUMAN/ MALE/ PLETHYSMOGRAPHY/ *SCALENUS ANTICUS SYNDROME, complications/ *SUBCLAVIAN VEIN/ *THROMBOSIS, etiology/ THROMBOSIS, radiography

3155. **Glader BE, Buchanan GR:** Care of the critically ill child: the bleeding neonate. Pediatrics 58(4):548–55, Oct 76
BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ *HEMORRHAGIC DIATHESIS, therapy/ HEMORRHAGIC DISEASE OF NEWBORN, diagnosis/ HEMORRHAGIC DISEASE OF NEWBORN, etiology/ *HEMORRHAGIC DISEASE OF NEWBORN, therapy/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, therapy/ LIVER DISEASES, complications/ PHYSICAL EXAMINATION/ THROMBOPENIA, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K DEFICIENCY, complications

3156. **Glangeaud MC, Eisenberg S, Olivecrona T:** Very low density lipoprotein. Dissociation of apolipoprotein C during lipoprotein lipase induced lipolysis. Biochim Biophys Acta 486(1):23–35, 18 Jan 76
ALBUMINS, metabolism/ ANIMAL/ *APOLIPOPROTEINS, metabolism/ CHOLESTEROL, metabolism/ FATTY ACIDS, NONESTERIFIED, metabolism/ HYDROGEN-ION CONCENTRATION/ LIPOPROTEIN LIPASE, metabolism/ *LIPOPROTEINS, VLDL, metabolism/ MALE/ MILK, enzymology/ PHOSPHOLIPIDS, metabolism/ RATS/ TRIGLYCERIDES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3157. **Glants RM, Tkach EA, Iakovenko AN:** Vzaimootnosheniia mezhdu tkanevym zvenom sistemy gemostaza i simpato-adrenalovoĭ sistemoĭ pri transfuzii geterogennoĭ krovi Fiziol Zh SSSR 62(6):846–52, 1976 (Eng. Abstr.) **(Rus)**
*ADRENAL GLANDS, metabolism/ ANIMAL/ AORTA, metabolism/ *BLOOD COAGULATION/ *BLOOD TRANSFUSION/ BRAIN, metabolism/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ MUSCLES, metabolism/ MYOCARDIUM, metabolism/ RATS/ SPLEEN, metabolism/ *SYMPATHETIC NERVOUS SYSTEM, metabolism/ TRANSPLANTATION, HETEROLOGOUS

3158. **Glants RM, Tkach EA, Viktorenko VG:** Gemostaticheskie svoĭstva tkaneĭ zheludochno-kishechnogo trakta pri tireotoksikoze i parenteral'nom azotistom pitanii Fiziol Zh SSSR 62(9):1361–7, SEP 76 (Eng. Abstr.) **(Rus)**
AMINO ACIDS, therapeutic use/ ANIMAL/ *BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ *GASTROINTESTINAL SYSTEM, metabolism/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, metabolism/ MALE/ PARENTERAL FEEDING/ *PROTEIN DEFICIENCY, complications/ PROTEIN DEFICIENCY, metabolism/ PROTEIN

DEFICIENCY, therapy/ PROTEIN HYDROLYSATES, therapeutic use/ RATS

3159. **Glants RM, Krivoruchko RA, Senik IaK, et al:** Kriokonservirovanie eritrotsitov pri umerenno nizkoi temperature (-40 degrees).
Probl Gematol Pereliv Krovi (2):27-9, Feb 77 **(Rus)**
*BLOOD PRESERVATION, methods/ *ERYTHROCYTES/ ERYTHROCYTES, physiology/ FREEZING/ HUMAN

3160. **Glanzmann C, Rust M, Horst W:** Radiotherapie bei Angiomen der Wirbelsäule: Ergebnisse bei 62 Patienten aus dem Zeitraum 1939-1975. Strahlentherapie 153(8):522-5, Aug 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HEMANGIOMA, complications/ *HEMANGIOMA, radiotherapy/ HEMANGIOMA, surgery/ HUMAN/ LAMINECTOMY/ MALE/ MIDDLE AGE/ RADIOTHERAPY DOSAGE/ SPINAL CORD COMPRESSION, etiology/ SPINAL NEOPLASMS, complications/ *SPINAL NEOPLASMS, radiotherapy/ SPINAL NEOPLASMS, surgery

3161. **Glaser E:** Masovna transfuzija-serološko klinički aspekti
Bilt Hematol Transfuz 4(3):47-51, 1976 (Eng. Abstr.) **(Scr)**
ADENOSINE TRIPHOSPHATE, blood/ ARRHYTHMIA, etiology/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD TRANSFUSION, adverse effects/ BLOOD VISCOSITY/ BLOOD VOLUME/ COLD/ ENGLISH ABSTRACT/ HUMAN/ POTASSIUM, blood/ TEMPERATURE

3162. **Glass DB, Frey W 2d, Carr DW, et al:** Stimulation of human platelet guanylate cyclase by fatty acids. J Biol Chem 252(4):1279-85, 25 Feb 77
ARACHIDONIC ACIDS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ ENZYME ACTIVATION, drug effects/ *FATTY ACIDS, pharmacodynamics/ GUANOSINE TRIPHOSPHATE, pharmacodynamics/ *GUANYL CYCLASE, blood/ HUMAN/ KINETICS/ MANGANESE, pharmacodynamics/ PROSTAGLANDINS E, pharmacodynamics/ PROSTAGLANDINS F, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBCELLULAR FRACTIONS, enzymology/ TRITONS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3163. **Glass DB, Gerrard JM, Townsend D, et al:** The involvement of prostaglandin endoperoxide formation in the elevation of cyclic GMP levels during platelet aggregation.
J Cyclic Nucleotide Res 3(1):37-44, Feb 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ARACHIDONIC ACIDS, metabolism/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ COLLAGEN, pharmacodynamics/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ HUMAN/ INDOMETHACIN, pharmacodynamics/ PEROXIDES/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics

3164. **Glass J, Imrie A, Gabriel R:** Fatal ovarian haemorrhage associated with haemodialysis [letter]. Br Med J 2(6049):1448-9, 11 Dec 76
ADULT/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ CASE REPORT/ CORPUS LUTEUM/ FEMALE/ HEMODIALYSIS, adverse effects/ *HEMODIALYSIS, mortality/ *HEMORRHAGE, etiology/ HUMAN/ *OVARIAN DISEASES, etiology

3165. **Glass J, Pelzig M:** Enzymes as reagents in peptide synthesis: enzyme-labile protection for carboxyl groups.
Proc Natl Acad Sci USA 74(7):2739-41, Jul 77
ASPARAGINE/ ASPARTIC ACID, analogs & derivatives/ CARBOXYPEPTIDASES, metabolism/ CHEMISTRY/ GLUTAMATES/ GLUTAMINE/ METHODS/ *PROTEINS, chemical synthesis/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3166. **Glasser SP:** The problems of patients with cardiovascular disease undergoing dental treatment. J Am Dent Assoc 94(6):1158-62, Jun 77
ANESTHESIA, DENTAL/ ANESTHESIA, GENERAL/ ANESTHETICS, LOCAL, therapeutic use/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ *CARDIOVASCULAR DISEASES/ CARDIOVASCULAR DISEASES, drug therapy/ *DENTAL CARE/ ENDOCARDITIS, SUBACUTE BACTERIAL, etiology/ ENDOCARDITIS, SUBACUTE BACTERIAL, prevention & control/ GLYCERYL TRINITRATE, therapeutic use/ HEART DISEASES/ HUMAN/ MEDICAL HISTORY TAKING/ MOUTH, surgery/ TIME FACTORS/ VASOCONSTRICTOR AGENTS, therapeutic use/ WARFARIN, therapeutic use

3167. **Glassman AB, Larison PJ, Shippey JE:** Use of blood and blood products. J Med Assoc Ga 65(12):456-60, Dec 76
BLOOD DONORS/ BLOOD PLATELETS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ HUMAN/ PLASMA

3168. **Glassner K:** Behandlung von Arteria-iliaca-Stenosen mit niedrig dosierter Streptokinase Dtsch Med Wochenschr 102(13):497-8, 1 Apr 77 **(Ger)**
*ARTERIAL OCCLUSIVE DISEASES, drug therapy/ HUMAN/ ILIAC ARTERY/ *STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use

3169. **Glatz CE, Massaro TA:** Influence of glycosaminoglycan content on mass transfer behavior of porcine artery wall. Part 2. Differences in mass transfer rates related to variations in glycosaminoglycan content.
Atherosclerosis 25(2-3):165-73, Nov-Dec 76
ANIMAL/ AORTA, THORACIC, metabolism/ ATHEROSCLEROSIS, metabolism/ BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ *CAPILLARY PERMEABILITY, drug effects/ DIET, ATHEROGENIC/ GLYCOSAMINOGLYCANS, metabolism/ *GLYCOSAMINOGLYCANS, pharmacodynamics/ PULMONARY ARTERY, metabolism/ REGRESSION ANALYSIS/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WATER, metabolism

3170. **Glatz CE, Massaro TA:** Influence of glycosaminoglycan content of mass transfer behavior of porcine artery wall. Part 1. Diffusive transport of 45Ca2+ and 3HHO.
Atherosclerosis 25(2-3):153-63, Nov-Dec 76
ANIMAL/ *AORTA, THORACIC, metabolism/ BIOLOGICAL TRANSPORT/ *CALCIUM, metabolism/ CAPILLARY PERMEABILITY/ DIET, ATHEROGENIC/ DIFFUSION/ *GLYCOSAMINOGLYCANS, metabolism/ IN VITRO/ MATHEMATICS/ METHODS/ *PULMONARY ARTERY, metabolism/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WATER, metabolism

3171. **Glazer G, Steer ML:** Requirements for activation of trypsinogen and chymotrypsinogen in rabbit pancreatic juice. Anal Biochem 77(1):130-40, Jan 77
ANIMAL/ CALCIUM, pharmacodynamics/ *CHYMOTRYPSINOGEN, metabolism/ ENTEROPEPTIDASE, metabolism/ ENZYME ACTIVATION, drug effects/ KINETICS/ *PANCREAS, enzymology/ RABBITS/ SERUM ALBUMIN, BOVINE/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ *TRYPSINOGEN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3172. **Glazier RL, Crowell EB Jr:** Factor VIII inhibition associated with chlorpromazine-induced hepatic injury.
Thromb Haemostas 37(3):523-6, 30 Jun 77
AGED/ CASE REPORT/ *CHLORPROMAZINE, adverse effects/ *FACTOR VIII, antagonists & inhibitors/ HUMAN/ *LIVER DISEASES, chemically induced/ MALE

3173. **Glazunova GA:** Sravnitel'noe izuchenie aktivnosti

mozgovykg tromboplastinov raznykh pozvonochnykh zhivotnykh. Lab Delo (5):309–10, 1977 **(Rus)**
ANIMAL/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ BRAIN/ CATS/ CATTLE/ COMPARATIVE STUDY/ HUMAN/ SWINE/ *THROMBOPLASTIN, pharmacodynamics

3174. **Gleckman R, Crowley M, Esposito A:** Fever of unknown origin: a view from the community hospital. Am J Med Sci 274(1):21–5, Jul–Aug 77
ADULT/ AGED/ ALCOHOLISM, complications/ ALCOHOLISM, diagnosis/ BOSTON/ FEMALE/ *FEVER OF UNKNOWN ORIGIN, etiology/ HEPATITIS, TOXIC, complications/ HEPATITIS, TOXIC, diagnosis/ HOSPITALS, COMMUNITY/ IN VITRO/ MALE/ MIDDLE AGE/ PROSPECTIVE STUDIES/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis

3175. **Glenn EM, Bowman BJ, Rohloff NA, et al:** A major contributory cause of arthritis in adjuvant-inoculated rats: granulocytes. Agents Actions 7(2):265–82, Jul 77
ANIMAL/ *ARTHRITIS, physiopathology/ *ARTHRITIS, ADJUVANT, physiopathology/ BLOOD PLATELETS, physiology/ CELL EXTRACTS, pharmacodynamics/ CYTARABINE, pharmacodynamics/ GLUCURONIDASE, metabolism/ GRANULOCYTES, enzymology/ *GRANULOCYTES, physiology/ INFLAMMATION, chemically induced/ INFLAMMATION, physiopathology/ LEUKOCYTE COUNT/ *LEUKOCYTES, physiology/ MURAMIDASE, blood/ MYCOBACTERIUM, immunology/ RATS/ TIME FACTORS/ TRITIUM, diagnostic use/ ZYMOSAN, pharmacodynamics

3176. **Glenn GC, Hathaway TK:** Effects of specimen evaporation on quality control. Am J Clin Pathol 66(4):645–52, Oct 76
AIR/ BLOOD PRESERVATION, standards/ *BLOOD SPECIMEN COLLECTION, standards/ HUMAN/ QUALITY CONTROL/ TEMPERATURE/ TIME FACTORS

3177. **Glenner GG:** Factor X deficiency and systemic amyloidosis [editorial]. N Engl J Med 297(2):108–9, 14 Jul 77
ADSORPTION/ AMINO ACID SEQUENCE/ AMINO ACIDS, metabolism/ AMYLOID, metabolism/ *AMYLOIDOSIS, complications/ AMYLOIDOSIS, immunology/ AMYLOIDOSIS, metabolism/ BLOOD VESSELS, metabolism/ *FACTOR X DEFICIENCY, complications/ FACTOR X DEFICIENCY, etiology/ *FACTOR X, metabolism/ HUMAN/ *HYPOPROTHROMBINEMIAS, complications/ IMMUNOGLOBULIN FRAGMENTS/ IMMUNOGLOBULINS, LIGHT CHAIN/ PROTEIN BINDING/ PROTEINS, metabolism

3178. **Gloster ES, Stemerman MB, Spaet TH:** Platelet interaction with human umbilical cord vascular basement membrane. Blood Vessels 13(5):267–78, 1976
*BASEMENT MEMBRANE/ BASEMENT MEMBRANE, drug effects/ BASEMENT MEMBRANE, ultrastructure/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ COLLAGEN, metabolism/ HUMAN/ INFANT, NEWBORN/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ TRYPSIN, pharmacodynamics/ UMBILICAL VEINS, drug effects/ *UMBILICAL VEINS, ultrastructure/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3179. **Glover CJ, McIntire LV, Brown CH 3d, et al:** Mechanical trauma effect on clot structure formation. Thromb Res 10(1):11–25, Jan 77
BLOOD CELL COUNT/ *BLOOD COAGULATION/ *BLOOD PLATELETS/ COMPUTERS, DIGITAL/ HUMAN/ IN VITRO/ PLASMA/ RHEOLOGY/ *STRESS, MECHANICAL/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3180. **Glover JL, Smith R, Yaw P, et al:** Intraoperative autotransfusion: an underutilized technique. Surgery 80(4):474–9, Oct 76
AGED/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION, AUTOLOGOUS, instrumentation/ BLOOD TRANSFUSION, AUTOLOGOUS, mortality/ *BLOOD TRANSFUSION, AUTOLOGOUS, methods/ FEMALE/ *HEMOSTASIS, SURGICAL/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ VASCULAR DISEASES, surgery/ WOUNDS AND INJURIES, surgery

3181. **Glover V, Sandler M, Owen F, et al:** Dopamine is a monoamine oxidase B substrate in man. Nature 265(5589):80–1, 6 Jan 77
*BLOOD PLATELETS, enzymology/ *BRAIN, enzymology/ *DOPAMINE, metabolism/ HUMAN/ MITOCHONDRIA, metabolism/ MONOAMINE OXIDASE INHIBITORS/ *MONOAMINE OXIDASE, metabolism/ PHENETHYLAMINES, metabolism/ SEROTONIN, metabolism/ SYNAPTOSOMES, metabolism

3182. **Glover V, Sandler M, Grant E, et al:** Transitory decrease in platelet monoamine-oxidase activity during migraine attacks. Lancet 1(8008):391–3, 19 Feb 77
ADOLESCENCE/ ADULT/ ASPIRIN, therapeutic use/ *BLOOD PLATELETS, enzymology/ BLOOD PROTEINS, analysis/ CHILD/ CHILD, PRESCHOOL/ CLONIDINE, therapeutic use/ DIAZEPAM, therapeutic use/ ERGOTAMINE, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MIGRAINE, blood/ *MIGRAINE, enzymology/ MIGRAINE, etiology/ MONOAMINE OXIDASE, blood/ MONOAMINE OXIDASE, deficiency/ TYRAMINE, blood/ TYRAMINE, diagnostic use

3183. **Glynn LE:** Primary lesion in osteoarthrosis. Lancet 1(8011):574–5, 12 Mar 77
ALPHA MACROGLOBULINS, deficiency/ *BONE DISEASES, etiology/ CARTILAGE, ARTICULAR, pathology/ HUMAN/ *JOINT DISEASES, etiology/ PEPTIDE HYDROLASES, secretion/ PHAGOCYTES, enzymology/ SYNOVIAL FLUID, enzymology/ SYNOVIAL MEMBRANE, pathology

3184. **Glynn LE:** Experimental subcutaneous granulomata simulating R. A. nodules. pp. 33–4.
In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e.
ANIMAL/ *ANTIGENS/ *ARTHRITIS, RHEUMATOID, immunology/ ARTHRITIS, RHEUMATOID, pathology/ *AUTOANTIGENS/ *FIBRIN, immunology/ *GRANULOMA, immunology/ GRANULOMA, pathology/ HUMAN/ IMMUNITY/ IMMUNITY, CELLULAR/ MONOGRAPH

3185. **Gmür J, Baumberger U, von Felten A:** Substitution polysensibilisierter Patienten mit Thrombozyten von HLA-typisierten Einzelspendern Schweiz Med Wochenschr 106(40):1358–9, 2 Oct 76 (Eng. Abstr.) **(Ger)**
*BLOOD PLATELETS/ BLOOD TRANSFUSION/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ENGLISH ABSTRACT/ *HISTOCOMPATIBILITY/ HL-A/ HUMAN/ *THROMBOPENIA, therapy

3186. **Göbel EA:** Diagnose akuter erworbener Gerinnungsstörungen ohne grosses Gerinnungslabor und ihre Therapie Anaesthesist 25(9):449–53, Sep 76 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ADULT/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS, methods/ BLOOD PLATELETS/ CALCIUM, therapeutic use/ ENGLISH ABSTRACT/ FACTOR VIII, therapeutic use/ FEMALE/ FIBRINOGEN, analysis/ HEPARIN, therapeutic use/ HUMAN/ MALE/ VITAMIN K, therapeutic use

3187. **Gočárová K, Kadlic T, Krivosudský A, et al:** Prvé skúsenosti s trombolytickou liečbou Bratisl Lek Listy 66(4):454–61, 1976 (Eng. Abstr.) **(Slo)**
ADOLESCENCE/ ADULT/ EMBOLISM, drug therapy/ ENGLISH ABSTRACT/ EXTREMITIES,

blood supply/ FEMALE/ HUMAN/ MALE/ PELVIS, blood supply/ *PHLEBITIS, drug therapy/ *STREPTOKINASE, therapeutic use/ *THROMBOEMBOLISM, drug therapy/ THROMBOSIS, drug therapy

3188. **Godal HC, Stormorken H:** Subkutan heparin i post-operativ trombose-profylakse Tidsskr Nor Laegeforen 96(25):1332-3, 10 Sep 76 **(Nor)**
ADULT/ AGED/ FEMALE/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOSIS, prevention & control

3189. **Godal HC, Kierulf P:** PURITY AND GENUINITY OF HUMAN FIBRINOGEN [LETTER]. Thromb Res 9(4):419-21, Oct 76
AMINO ACIDS, analysis/ BLOOD COAGULATION/ FIBRIN, analysis/ FIBRINOGEN, analysis/ *FIBRINOGEN, isolation & purification/ HUMAN/ PEPTIDE CHAIN TERMINATION/ PROTEIN CONFORMATION/ THROMBIN, analysis/ TIME FACTORS

3190. **Goddon R:** Le déficit congénital en entérokinase. Pediatrie 32(3):297-301, Apr-May 77 (26 ref.) **(Fre)**
DIARRHEA, INFANTILE, etiology/ DUODENUM, enzymology/ *ENTEROPEPTIDASE, deficiency/ HUMAN/ INFANT, NEWBORN/ *INTESTINAL SECRETIONS, enzymology/ *METABOLISM, INBORN ERRORS, enzymology/ PANCREAS, secretion/ PANCREATIC EXTRACTS, therapeutic use/ *PEPTIDE PEPTIDOHYDROLASES, deficiency/ PROTEIN DEFICIENCY, etiology/ REVIEW

3191. **Godeau P, Chapuis Y, Bletry O, et al:** Une cause inhabituelle de dyspnée d'effort: le syndrome de vol cavo-portal au cours d'une thrombose de la veine cave inférieure, Traitement chirurgical Ann Med Interne (Paris) 127(6-7):497-505, Jun-Jul 76 **(Fre)**
CASE REPORT/ *DYSPNEA, etiology/ HUMAN/ *THROMBOSIS, complications/ THROMBOSIS, physiopathology/ *VENA CAVA, INFERIOR/ VENA CAVA, INFERIOR, physiopathology

3192. **Godeau P, Herreman G, Raby C, et al:** Coagulation et lupus érythémateux aigu disséminé. A propos de 25 cas Sem Hop Paris 53(10):609-12, 9 Mar 77 (Eng. Abstr.) **(Fre)**
BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ GLOMERULONEPHRITIS, etiology/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MENORRHAGIA, etiology/ THROMBELASTOGRAPHY/ THROMBOSIS, etiology

3193. **Godfrey HP:** Mechanism of formation of non-immune rosettes between guinea-pig thymus-derived lymphocytes and rabbit erythrocytes. Immunology 32(1):25-31, Jan 77
ANIMAL/ ANTIBODY SPECIFICITY/ BLOOD PRESERVATION/ *ERYTHROCYTES, immunology/ GUINEA PIGS/ IMMUNE SERUMS/ IMMUNOLOGIC TECHNICS/ MALE/ RABBITS/ *T-LYMPHOCYTES, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3194. **Godsick PA, Lang EN:** Hemangioma of the extensor pollicis longus: a case history. Bull Hosp Joint Dis 37(2):172-6, Oct 76
ADULT/ CASE REPORT/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HUMAN/ MALE/ *MUSCULAR DISEASES/ MUSCULAR DISEASES, diagnosis/ MUSCULAR DISEASES, surgery/ *WRIST/ WRIST, surgery

3195. **Goebel KM, Hahn E, Gassel WD, et al:** Lymphozytenantigene bei Autoimmun-Thrombozytopenien Schweiz Med Wochenschr 106(40):1360-1, 2 Oct 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ ALLELES/ *ANTIGENS/ ANTIGENS, analysis/ *AUTOIMMUNE DISEASES, blood/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HL-A/ HUMAN/ IMMUNOGENETICS/ *LYMPHOCYTES, immunology/ MALE/ MIDDLE AGE/ PHENOTYPE/ PURPURA, THROMBOPENIC, immunology/ *THROMBOPENIA, immunology

3196. **Goebel KM, Hahn E, Havemann K:** HLA matching in autoimmune thrombocytopenic purpura [letter]. Br J Haematol 35(2):341-2, Feb 77
ADULT/ *AUTOIMMUNE DISEASES, immunology/ CHILD/ COMPARATIVE STUDY/ FEMALE/ GENOTYPE/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ *HL-A, analysis/ HUMAN/ MALE/ PHENOTYPE/ *PURPURA, THROMBOPENIC, immunology

3197. **Goebel WM, Lucatorto FM:** Sodium tetradecyl sulfate treatment of benign vascular anomalies. J Oral Med 31(3):76-80, Jul-Sep 76
AGED/ CASE REPORT/ *FATTY ALCOHOLS, therapeutic use/ FEMALE/ GINGIVAL NEOPLASMS, drug therapy/ *HEMANGIOMA, drug therapy/ HUMAN/ LIP NEOPLASMS, drug therapy/ MIDDLE AGE/ *MOUTH NEOPLASMS, drug therapy/ *SODIUM TETRADECYL SULFATES, therapeutic use

3198. **Goebell H, Hotz J:** Inhibition of pancreatic secretion of enzymes by calcitonin. Z Gastroenterol [Verh] (10):28-31, 1976
ANIMAL/ *CALCITONIN, pharmacodynamics/ CATS/ CHOLECYSTOKININ, antagonists & inhibitors/ CHOLECYSTOKININ, secretion/ HUMAN/ *PANCREAS, drug effects/ PANCREAS, physiology/ *PANCREATIC JUICE, secretion/ RATS/ TRYPSIN INHIBITORS

3199. **Goebell H, Hotz J:** Wirkungen von Calcitonin und Somatostatin auf Magen und Pankreas - ein mögliches therapeutisches Pranzip Z Gastroenterol [Verh] (8):173-80, 1976 **(Ger)**
ANIMAL/ BLOOD COAGULATION, drug effects/ *CALCITONIN, pharmacodynamics/ CALCITONIN, therapeutic use/ CATS/ FEMALE/ HUMAN/ MALE/ *PANCREAS, drug effects/ *PEPTIC ULCER, drug therapy/ RATS/ *SOMATOTROPIN RELEASE INHIBITING HORMONE, pharmacodynamics/ SOMATOTROPIN RELEASE INHIBITING HORMONE, therapeutic use/ *STOMACH, drug effects/ *ZOLLINGER-ELLISON SYNDROME, drug therapy

3200. **Goguel A, Houbouyan L:** Thrombopathies acquises et antibiotiques Ann Med Interne (Paris) 127(8-9):573-8, AUG-SEP 76 **(Fre)**
*ANTIBIOTICS, adverse effects/ ANTIBIOTICS, therapeutic use/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELET DISORDERS, chemically induced/ HUMAN

3201. **Gola A, Becker M, Grobelny W, et al:** Alergiczne zapalenie naczyń a przewlekłe rozsiane krzepnięcie wewnątrznaczyniowe Przegl Lek 33(12):1001-3, 1976 **(Pol)**
ADULT/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, immunology/ FEMALE/ HUMAN/ *HYPERSENSITIVITY, immunology/ *PERIARTERITIS NODOSA, immunology

3202. **Gola A, Kotschy M, Nowicka J, et al:** Ein Fall von Morbus Osler mit gleichzeitig bestehender Thrombozytopenie und einem Faktor VIII-Inhibitor. Folia Haematol (Leipz) 104(1):102-8, 1977 (Eng. Abstr.) **(Ger)**
CASE REPORT/ ENDOCARDITIS, BACTERIAL, etiology/ ENGLISH ABSTRACT/ *FACTOR VIII, antagonists & inhibitors/ HUMAN/ MALE/ MENINGITIS, etiology/ MIDDLE AGE/ PEDIGREE/ SEPTICEMIA, etiology/ *TELANGIECTASIA, HEREDITARY HEMORRHAGIC, complications/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, familial & genetic/ *THROMBOPENIA, complications

3203. **Golba Z, Orzeszko W, Kacprzak H:** Streptokinaza w leczeniu phlegmasia coerulea dolens Wiad Lek 30(7):569-72, 1 Apr 77 (Eng. Abstr.) **(Pol)**

ACUTE DISEASE/ ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy

3204. **Gold RP, Seaman WB:** Splenic flexure carcinoma as a source of hepatic portal venous gas. Radiology 122(2):329–30, Feb 77
*ADENOCARCINOMA, complications/ CASE REPORT/ *GASES/ HUMAN/ *PORTAL VEIN/ *SPLENIC NEOPLASMS, complications/ THROMBOSIS, etiology/ VASCULAR DISEASES, etiology

3205. **Goldberg AL, Kowit JD, Etlinger JD:** Studies of the selectivity and mechanisms of intracellular protein degradation. pp. 313–37.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (29 ref.)
ANIMAL/ *ENZYMES, metabolism/ *ESCHERICHIA COLI, metabolism/ HALF-LIFE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *LIVER, enzymology/ MONOGRAPH/ *PEPTIDE HYDROLASES, metabolism/ PRONASE, metabolism/ *PROTEINS, metabolism/ RATS/ *RETICULOCYTES, metabolism/ REVIEW/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3206. **Goldberg B, Stern A:** Superoxide anion as a mediator of drug-induced oxidative hemolysis. J Biol Chem 251(20):6468–70, 25 Oct 76
BINDING SITES/ CYTOCHROME C/ *DIETHYLDITHIOCARBAMATE/ ERYTHROCYTES, enzymology/ *HEMOLYSIS/ HUMAN/ KINETICS/ *NAPHTHOQUINONES/ *OXYGEN/ OXYHEMOGLOBIN/ PROTEIN BINDING/ SPECTROPHOTOMETRY/ SUPEROXIDE DISMUTASE, blood/ *SUPEROXIDE/ *THIOCARBAMATES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K, analogs & derivatives

3207. **Goldberg DM, Spooner RJ, Hobson B:** Accuracy of a calculating system in transcribing output from a reaction rate analyser. Clin Chim Acta 76(3):371–6, 2 May 77
ALANINE AMINOTRANSFERASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ AUTOANALYSIS/ CREATINE KINASE, blood/ *ENZYMES, blood/ EVALUATION STUDIES/ GLUTAMATE DEHYDROGENASE, blood/ HUMAN/ ISOCITRATE DEHYDROGENASE, blood/ *KINETICS/ METHODS/ NUCLEOTIDASES, blood/ PEPTIDE HYDROLASES, blood

3208. **Goldberg E, Lieberman C:** Quenching curves [letter]. J Nucl Med 18(5):499–500, May 77
ARM, blood supply/ HUMAN/ *LUNG/ *RADIONUCLIDE IMAGING/ THROMBOPHLEBITIS, complications

3209. **Goldberg HI, Sheft DJ:** Abnormalities in small intestine contour and caliber: a working classification. Radiol Clin North Am 14(3):461–75, Dec 76
ANTICOAGULANTS, adverse effects/ ENTERITIS, radiography/ EOSINOPHILS/ GIARDIASIS, complications/ HEMORRHAGE, GASTROINTESTINAL, radiography/ HUMAN/ HYPERSENSITIVITY, complications/ INTESTINAL DISEASES, classification/ INTESTINAL DISEASES, etiology/ *INTESTINAL DISEASES, radiography/ *INTESTINAL MUCOSA, radiography/ *INTESTINE, SMALL, radiography/ JEJUNUM/ LYMPHOMA, complications/ MACROGLOBULINEMIA, complications/ PURPURA, complications/ RADIATION INJURIES, radiography/ SPRUE, radiography/ TUBERCULOSIS, GASTROINTESTINAL, radiography/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ ZOLLINGER-ELLISON SYNDROME

3210. **Goldberg J, Phalen E, Howard D, et al:** Thrombocytotic suppression of megakaryocyte production from stem cells. Blood 49(1):59–69, Jan 77
ANIMAL/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ ERYTHROCYTES/ FEMALE/ *HEMATOPOIESIS/ *HEMATOPOIETIC STEM CELLS, cytology/ *MEGAKARYOCYTES, cytology/ MICE/ *THROMBOCYTOSIS, blood/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3211. **Goldberg M, Bunn HF, Muss H, et al:** Studies on the viscosity of sickle hemoglobin: evidence for an intermediate phase in gelation. pp. 133–43.
In: Hercules JI, et al., ed. Proceedings of the symposium on molecular and cellular aspects of sickle cell disease. Bethesda, NIH, 1976. WH 170 S987p 1975.
*BLOOD VISCOSITY/ FETAL HEMOGLOBIN/ HEMOGLOBIN A/ *HEMOGLOBIN, SICKLE/ HUMAN/ MACROMOLECULAR SYSTEMS/ MONOGRAPH/ TEMPERATURE/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3212. **Goldberg ND, Haddox MK, Nicol SE, et al:** Cyclic GMP and cyclic AMP in biological regulation. pp. 99–108.
In: Criss WE, et al., ed. Control mechanisms in cancer. New York, Raven Press, 1976. W1 PR667M v.1 1976.
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, antagonists & inhibitors/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ASCORBIC ACID, pharmacodynamics/ BLOOD PLATELETS, metabolism/ CALCIUM, pharmacodynamics/ CELL DIFFERENTIATION, drug effects/ CELL DIVISION, drug effects/ CHEMOTAXIS, LEUKOCYTE, drug effects/ ESTROGENS, pharmacodynamics/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ MAGNESIUM, pharmacodynamics/ MITOGENS, pharmacodynamics/ MONOGRAPH/ MYOCARDIUM, metabolism/ PLATELET AGGREGATION, drug effects/ PROTEIN KINASE, antagonists & inhibitors/ RECEPTORS, CYCLIC AMP

3213. **Golden J, Stone RA, Goldberger L:** Immune-related renal vein thrombosis in a renal allograft. Ann Intern Med 85(5):612–3, Nov 76
ADULT/ CASE REPORT/ COMPLEMENT/ HEPARIN, therapeutic use/ HUMAN/ IMMUNOGLOBULINS/ *KIDNEY, transplantation/ MALE/ POSTOPERATIVE COMPLICATIONS/ *RENAL VEINS/ THROMBOSIS, drug therapy/ *THROMBOSIS, etiology/ THROMBOSIS, immunology/ TRANSPLANTATION, ALLOGENEIC

3214. **Goldfinger D:** Acute hemolytic transfusion reactions--a fresh look at pathogenesis and considerations regarding therapy. Transfusion 17(2):85–98, Mar-Apr 77
*ANEMIA, HEMOLYTIC, etiology/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD GROUP INCOMPATIBILITY, complications/ *BLOOD TRANSFUSION, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DIURESIS, drug effects/ ERYTHROCYTES, immunology/ ETHACRYNIC ACID, therapeutic use/ FUROSEMIDE, therapeutic use/ HEMORRHAGIC DIATHESIS, etiology/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY FAILURE, ACUTE, etiology/ KIDNEY GLOMERULUS, physiopathology/ MANNITOL, therapeutic use

3215. **Goldknopf IL, Busch H:** Isopeptide linkage between nonhistone and histone 2A polypeptides of chromosomal conjugate-protein A24. Proc Natl Acad Sci USA 74(3):864–8, Mar 77
AMINO ACID SEQUENCE/ ANIMAL/ CATTLE/ *CHROMOSOMAL PROTEINS, NON-HISTONE/ *HISTONES/ PEPTIDES, analysis/ THYMUS GLAND/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3216. **Goldman AS, Goldblum RM:** Primary deficiencies in humoral immunity. Pediatr Clin North Am 24(2):277–91, May 77 (53 ref.)
ADULT/ *AGAMMAGLOBULINEMIA/ AGAMMAGLOBULINEMIA, complications/ AGAMMAGLOBULINEMIA, diagnosis/ AGAMMAGLOBULINEMIA, familial & genetic/ AGAMMAGLOBULINEMIA, therapy/ ALDRICH SYNDROME, familial & genetic/ ANTIBODY FORMATION/ B-LYMPHOCYTES, immunology/ BACTERIAL INFECTIONS, etiology/ CHILD/ FEMALE/ HUMAN/ IGA, deficiency/ IGG, deficiency/ IGM, biosynthesis/ IGM, deficiency/ IMMUNOGLOBULINS, biosynthesis/ IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ IMMUNOLOGIC DEFICIENCY SYNDROMES, diagnosis/ INFANT/ MALE/ REVIEW/ THYMOMA, complications/ TRANSCOBALAMINS, deficiency

3217. **Goldman L, Dreffer R, Rockwell RJ Jr, et al:** Treatment of portwine marks by an argon laser. J Dermatol Surg 2(5):385–8, Nov 76
ANIMAL/ *ARGON/ CHICKENS/ *FACIAL NEOPLASMS, surgery/ *HEMANGIOMA, surgery/ HUMAN/ LASERS, adverse effects/ *LASERS, therapeutic use/ METHODS

3218. **Goldman L:** Laser surgery in cosmetic dermatology. Cutis 17(1):38, Jan 76
CHILD/ *HEMANGIOMA, surgery/ HUMAN/ *LASERS, therapeutic use/ SURGERY, PLASTIC/ *TATTOOING

3219. **Goldman L, Dreffer R:** Laser treatment of extensive mixed cavernous and port-wine stains. Arch Dermatol 113(4):504–5, Apr 77
CASE REPORT/ EYELID NEOPLASMS, surgery/ FOREHEAD/ *HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ *LASERS, therapeutic use/ MALE/ MIDDLE AGE/ *SKIN NEOPLASMS, surgery

3220. **Goldschmidt B, Sorland SJ:** The young platelet population in children with cyanotic congenital heart disease. Thromb Haemostas 35(2):342–9, 30 Apr 76
ADOLESCENCE/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, analysis/ BLOOD PROTEINS, analysis/ CELL SURVIVAL/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *HEART DEFECTS, CONGENITAL, blood/ HUMAN/ MALE/ PLATELET AGGREGATION/ PLATELET FACTOR 3, analysis

3221. **Goldsmith GH, Stern RC, Saito H, et al:** Normal plasma arginine esterase and the Hageman factor (factor XII) -prekallikrein-kininogen system in cystic fibrosis. J Lab Clin Med 89(1):131–4, Jan 77
ADOLESCENCE/ ADULT/ ARGININE/ CHILD/ *CYSTIC FIBROSIS, blood/ *ESTERASES, blood/ *FACTOR XII/ HUMAN/ *KALLIKREIN/ *KININOGENS, blood/ *PREKALLIKREIN/ TOSYLARGININE METHYL ESTER, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3222. **Goldsmith LA:** epsilon-(gamma-Glutamyl)lysine cross-links in proteins. pp. 398–418.
In: Seiji M, Bernstein IA, ed. Biochemistry of cutaneous epidermal differentiation. Baltimore, Univ Park Press, 1977. WR 102 J35b 1976. (34 ref.)
ACRYLONITRILE/ AMINES, metabolism/ ANIMAL/ CHEMISTRY/ COLLAGEN/ *DIPEPTIDES/ DIPEPTIDES, analysis/ DIPEPTIDES, biosynthesis/ ENZYMES, diagnostic use/ FIBRIN/ GLUTAMYL TRANSPEPTIDASE, diagnostic use/ GLUTAMYL TRANSPEPTIDASE, metabolism/ HUMAN/ IN VITRO/ LIVER, enzymology/ LYSINE, analogs & derivatives/ LYSINE, analysis/ LYSINE, biosynthesis/ MEMBRANE PROTEINS/ MONOGRAPH/ *PROTEINS/ REVIEW/ SEMEN, analysis/ SKIN, analysis/ SKIN, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WOOL

3223. **Goldstein AL, Low TL, McAdoo M, et al:** Thymosin alpha1: isolation and sequence analysis of an immunologically active thymic polypeptide. Proc Natl Acad Sci USA 74(2):725–9, Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BIOLOGICAL ASSAY/ CATTLE/ CHYMOTRYPSIN/ PEPTIDE FRAGMENTS, analysis/ THERMOLYSIN/ *THYMOSIN/ THYMOSIN, immunology/ THYMOSIN, isolation & purification/ THYMUS GLAND/ *THYMUS HORMONES/ THYMUS HORMONES, immunology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3224. **Goldstein L:** Kinetic behavior of immobilized enzyme systems. Methods Enzymol 44:397–443, 1976
BINDING SITES/ BROMELAINS, metabolism/ CHYMOTRYPSIN, metabolism/ COLLODION/ DIFFUSION/ *ENZYMES, IMMOBILIZED, metabolism/ HYDROGEN-ION CONCENTRATION/ *KINETICS/ MATHEMATICS/ MEMBRANES, ARTIFICIAL/ METHODS/ MULTIENZYME COMPLEXES, metabolism/ PAPAIN, metabolism/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SURFACE PROPERTIES/ TEMPERATURE

3225. **Goldstein M, Dereume JP, van der Stricht J:** Les thromboses veineuses du membre supérieur Praxis 65(46):1450–2, 16 Nov 76 (Eng. Abstr.) **(Fre)**
ADULT/ ARM/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ PAGET'S DISEASE, EXTRA-MAMMARY, complications/ PAGET'S DISEASE, EXTRA-MAMMARY, therapy/ SCALENUS ANTICUS SYNDROME, complications/ THORACIC NEOPLASMS, complications/ *THROMBOPHLEBITIS

3226. **Goldstein M, Ectors P, Dereume JP, et al:** Les complications de la sympathectomie lombaire. Etude rétrospective de 791 malades Acta Chir Belg 76(1):73–9, Jan 77 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, therapy/ ARTERIOSCLEROSIS, therapy/ EJACULATION/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HEMATOMA, etiology/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ NEURALGIA, etiology/ PARALYTIC ILEUS, etiology/ POSTOPERATIVE COMPLICATIONS/ SEX DISORDERS, etiology/ *SYMPATHECTOMY, adverse effects

3227. **Golikov AP, Bobkov AI, Ivleva VI:** Nekotorye pokazateli kininovoĭ i simpatiko-adrenalovoĭ sistem u bol'nykh povtornym infarktom miokarda Kardiologiia 16(2):74–7, Feb 76 (Eng. Abstr.) **(Rus)**
*ADRENAL GLANDS, physiopathology/ ADULT/ AGED/ CATECHOLAMINES, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, blood/ *KININS, blood/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ *MYOCARDIAL INFARCT, physiopathology/ PREKALLIKREIN, blood/ RECURRENCE/ *SYMPATHETIC NERVOUS SYSTEM, physiopathology

3228. **Goloborod'ko OP:** Biokhimicheskie sdvigi pri rake gortani Zh Ushn Nos Gorl Bolezn (1):112–6, 1977 (96 ref.) **(Rus)**
ADENINE NUCLEOTIDES, metabolism/ ADRENAL CORTEX HORMONES, urine/ AMINO ACIDS, metabolism/ AMINO SUGARS, blood/ BLOOD PROTEINS, analysis/ ELECTROLYTES, metabolism/ ERYTHROCYTES, enzymology/ ESTROGENS, urine/ HUMAN/ LACTATE DEHYDROGENASE, blood/ LACTATES/ *LARYNGEAL NEOPLASMS, metabolism/ LARYNX, metabolism/ MALE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, metabolism/ PHOSPHOFRUCTOKINASE, blood/ REVIEW/ VITAMINS, metabolism

3229. **Golovich GV, Cherkesova EN:** Diagnosticheskoe znachenie reaktsii morfologicheskoĭ dissotsiatsii svernuvsheĭsia krovi (RMDSK) pri nespetsificheskikh pnevmoniiakh i rake legkogo Vestn Khir 117(8):8–10, Aug 76 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION TESTS, methods/

*BLOOD COAGULATION/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ *LUNG NEOPLASMS, blood/ LUNG NEOPLASMS, diagnosis/ MIDDLE AGE/ *PNEUMONIA, blood/ PNEUMONIA, diagnosis

3230. **Golovin GV, Orliukov IuI, Dutkevich IG:** Srvanitel'naia otsenka izmeneniĭ konservirovannoĭ donorskoĭ i sobstvennoĭ krovi khirurgicheskikh bol'nykh v protesesse khraneniia. Vestn Khir 118(6):115–9, Jun 77 (Eng. Abstr.) **(Rus)**

BLOOD DONORS/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ *SURGERY, OPERATIVE

3231. **Golse B, Debray-Ritzen P, Puget K, et al:** Dosage de la superoxyde dismutase 1 plaquettaire dans les psychoses infantiles de développement. Nouv Presse Med 6(27):2449, 2–9 Jul 77 **(Fre)**

*BLOOD PLATELETS, enzymology/ CHILD/ FEMALE/ HUMAN/ MALE/ PSYCHOSES, blood/ *PSYCHOSES, enzymology/ *SUPEROXIDE DISMUTASE, blood

3232. **Goltzman D, Callahan EN, Tregear GW, et al:** Conversion of proparathyroid hormone to parathyroid hormone: studies in vitro with trypsin. Biochemistry 15(23):5076–82, 16 Nov 76

ADENYL CYCLASE, metabolism/ AMINO ACID SEQUENCE/ ANIMAL/ BIOLOGICAL ASSAY/ CATTLE/ DOGS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ KIDNEY CORTEX, drug effects/ KIDNEY CORTEX, enzymology/ MOLECULAR WEIGHT/ *PARATHYROID HORMONE/ PARATHYROID HORMONE, biosynthesis/ PARATHYROID HORMONE, pharmacodynamics/ *TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3233. **Golub AL, Mende TJ:** Studies on the action mechanism of the antihemostatic effect of lodopeptides. Thromb Haemostas 35(2):437–46, 30 Apr 76

ANIMAL/ *ANTICOAGULANTS/ BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/ CYSTEIC ACID, analogs & derivatives/ CYSTEIC ACID, pharmacodynamics/ *DIIODOTYROSINE, analogs & derivatives/ DIIODOTYROSINE, pharmacodynamics/ FIBRINOGEN, metabolism/ GLUTAMATES, analogs & derivatives/ GLUTAMATES, pharmacodynamics/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ OSMOLAR CONCENTRATION/ *PEPTIDES, pharmacodynamics/ RATS/ THROMBIN, metabolism

3234. **Golubev AP, Selezneva LA:** Po povodu stat'i Prof. G.M. Savel'evoĭ 'Asfiksiia novorozhdennykh i ee lechenie' Akush Ginekol (Mosk) (3):53–5, Mar 76 (Eng. Abstr.) **(Rus)**

*ASPHYXIA NEONATORUM/ ASPHYXIA NEONATORUM, complications/ ASPHYXIA NEONATORUM, therapy/ BLOOD COAGULATION DISORDERS, prevention & control/ CEREBROVASCULAR DISORDERS, prevention & control/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ HYDROXYBUTYRATES, therapeutic use/ HYPERBARIC OXYGENATION/ INFANT, NEWBORN/ MANNITOL, therapeutic use

3235. **Golubeva VL, Suvorova IA, Sukhova AG, et al:** O vliianii temperatury khraneniia konservirovannoĭ krovi na soderzhanie 2,3-DFG i ATF v éritrotsitakh Probl Gematol Pereliv Krovi 21(12):26–30, Dec 76 **(Rus)**

*ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ *DIPHOSPHOGLYCERIC ACIDS, blood/ *ERYTHROCYTES, analysis/ PRESERVATIVES, PHARMACEUTICAL/ *TEMPERATURE/ TIME FACTORS

3236. **Gomazkov OA, Komissarova NV:** Obshchie mekhanizmy biokhimicheskoĭ reguliatsii kallikreinovoĭ, svertyvaiushcheĭ i fibrinoliticheskoĭ sistem krovi Usp Sovrem Biol 82(6):356–70, Nov-Dec 76 (77 ref.) **(Rus)**

ALPHA MACROGLOBULINS, metabolism/ *BLOOD COAGULATION/ CHEMISTRY/ ESTERASES, antagonists & inhibitors/ FACTOR XII, antagonists & inhibitors/ FACTOR XII, metabolism/ FIBRINOLYSIN, metabolism/ FIBRINOLYSIS/ HUMAN/ IN VITRO/ *KALLIKREIN, blood/ KALLIKREIN, metabolism/ REVIEW/ THROMBIN, metabolism

3237. **Gomensoro JB, Maslenikov V, Domínguez D, et al:** Tratamiento del infarto cerebral agudo Acta Neurol Lat Am 21(1–4):152–6, 1975 **(Spa)**

ACUTE DISEASE/ *ANTICOAGULANTS, therapeutic use/ *CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL EMBOLISM AND THROMBOSIS, surgery/ COMPARATIVE STUDY/ *DEXTRAN, therapeutic use/ EVALUATION STUDIES/ HUMAN/ *VASODILATOR AGENTS, therapeutic use

3238. **Gomes OM, Serrano RR, Yoshida LU, et al:** Alterações funcionais plaquetárias determinadas pelo verapamil. Arq Bras Cardiol 30 Suppl 1:27–30, Feb 77 (Eng. Abstr.) **(Por)**

*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ BLOOD PLATELET DISORDERS, chemically induced/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DOGS/ DRUG EVALUATION/ ENGLISH ABSTRACT/ HUMAN/ IPROVERATRIL, adverse effects/ *IPROVERATRIL, pharmacodynamics/ MALE/ *PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION, drug effects

3239. **Gomperts ED, Fatti LP, van der Walt JD, et al:** Factor VIII and factor VIII related antigen in normal South African Blacks and a Black carrier group. Thromb Res 9(3):293–9, Sep 76

*ANTIGENS, analysis/ CAUCASIAN RACE/ COMPARATIVE STUDY/ ELECTROPHORESIS, AGAR GEL/ *FACTOR VIII, analysis/ FEMALE/ *HEMOPHILIA, blood/ HUMAN/ MALE/ *NEGROID RACE/ SOUTH AFRICA

3240. **Gomperts ED, Stavridis JC, Mibashan RS:** The reversible antithrombin activity of incubated plasma. Thromb Haemostas 37(1):123–35, 28 Feb 77

ALPHA MACROGLOBULINS/ *ANTITHROMBINS, analysis/ ARVIN/ CALCIUM/ FIBRIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INCUBATORS/ POLYMERS/ REPTILASE/ *TEMPERATURE/ TIME FACTORS

3241. **Gomperts ED, Demetriou D:** Laboratory studies and clinical features in a case of boomslang envenomation. S Afr Med J 51(6):173–5, 5 Feb 77

ADULT/ ANTIVENINS, therapeutic use/ BLOOD COAGULATION TESTS/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ LIVER FUNCTION TESTS/ MALE/ *SNAKE BITES/ SNAKE BITES, complications/ SNAKE BITES, diagnosis/ SNAKE BITES, therapy

3242. **Gomperts ED, Rabson AR:** Coagulation studies in a patient with homozygous C3 deficiency [letter]. Br J Haematol 35(1):165–6, Jan 77

BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION/ *COMPLEMENT 3, deficiency/ *COMPLEMENT, deficiency/ HUMAN

3243. **Gomperts ED, Bethlehem B, Hockley J:** The monitoring of heparin activity during extracorporeal circulation. S Afr Med J 51(26):973–6, 25 Jun 77

BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ *EXTRACORPOREAL CIRCULATION/ FACTOR X, antagonists & inhibitors/ HEPARIN, administration & dosage/ *HEPARIN, blood/ HUMAN/ PROTAMINES, administration & dosage/ THROMBIN/ THROMBOPLASTIN

3244. **Gomperts ED, Zucker M, Feesey M, et al:** Antithrombin functional activity after a fatty meal in normal subjects, familial hyperlipidemia, and nephrotic syndrome.

J Lab Clin Med 90(3):529–35, Sep 77
*ANTITHROMBINS, analysis/ BLOOD COAGULATION TESTS/ BUTTER/ CHOLESTEROL, blood/ *DIETARY FATS/ FASTING/ FEMALE/ HUMAN/ *HYPERLIPEMIA, blood/ HYPERLIPEMIA, etiology/ *HYPERLIPEMIA, ESSENTIAL FAMILIAL, blood/ MALE/ MILK/ *NEPHROTIC SYNDROME, blood/ NEPHROTIC SYNDROME, complications/ TIME FACTORS/ TRIGLYCERIDES, blood

3245. **Gonçalves N, Grüneberg F:** Laborklinische Untersuchungen unter besonderer Berücksichtigung des Leberstoffwechsels bei Schizophrenen unter ambulanter neuroleptischer Langzeitmedikation. Pharmakopsychiatr Neuropsychopharmakol 10(1):36–40, Jan 77 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ AMINOTRANSFERASES, blood/ BLOOD PROTEINS, metabolism/ CERULOPLASMIN, metabolism/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, metabolism/ GLYCOPROTEINS, blood/ HUMAN/ *LIVER, metabolism/ MALE/ MIDDLE AGE/ SCHIZOPHRENIA, blood/ *SCHIZOPHRENIA, drug therapy/ TIME FACTORS/ TRANQUILIZING AGENTS, blood/ *TRANQUILIZING AGENTS, pharmacodynamics/ TRANQUILIZING AGENTS, therapeutic use

3246. **Goncerzewicz M, Dzialoszyński L, Socha J, et al:** Zachowanie się wskaźników przemiany tłuszczowej podczas odżywiania dożylnego intralipidem u dzieci z zespołem złego wchłaniania Pediatr Pol 52(2):125–30, 1977 (Eng. Abstr.) **(Pol)**
AGE FACTORS/ *DIETARY FATS, administration & dosage/ DIETARY FATS, therapeutic use/ EMULSIONS/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ *MALABSORPTION SYNDROMES, therapy/ *PARENTERAL FEEDING/ THROMBOSIS, prevention & control

3247. **Goncharenko LL, Zazykina MS:** Rol' erytrotsytiv u rehuliatsiĭ zsidannia krovi ta fibrynolizu u sobak pry vvedeni adrenalinu Fiziol Zh 22(2):258–62, Mar–Apr 76 **(Ukr)**
ANIMAL/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ DOGS/ *EPINEPHRINE, pharmacodynamics/ *ERYTHROCYTES, drug effects/ FEMALE/ *FIBRINOLYSIS, drug effects/ MALE

3248. **Gonda I:** Comparison of retention of activity of soluble and insolubilized forms of trypsin in a simulated gastric medium. J Pharm Pharmacol 29(4):250–2, Apr 77
ARGININE, analogs & derivatives/ ARGININE, metabolism/ COMPARATIVE STUDY/ *GASTRIC JUICE, metabolism/ IN VITRO/ PANCREATIN, metabolism/ SOLUBILITY/ TRYPSIN, administration & dosage/ *TRYPSIN, metabolism

3249. **Gonmori H, Takeda Y:** Properties of human tissue thromboplastins from brain, lung, arteries, and placenta. Thromb Haemostas 36(1):90–103, 31 Aug 76
ANTIBODIES/ *ARTERIES, analysis/ *BRAIN CHEMISTRY/ FEMALE/ HUMAN/ *LUNG, analysis/ MOLECULAR WEIGHT/ *PLACENTA, analysis/ PLACENTA, immunology/ PREGNANCY/ *THROMBOPLASTIN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3250. **Gonzalex A, Soderblom R, Teichman S:** Nephrotic proteinuria in obesity [letter]. Ann Intern Med 82(1):122, Jan 75
COMPLEMENT 6, analysis/ FIBRIN, analysis/ HUMAN/ IGA, analysis/ KIDNEY GLOMERULUS, immunology/ *NEPHROTIC SYNDROME, complications/ NEPHROTIC SYNDROME, immunology/ *OBESITY, complications/ *PROTEINURIA, etiology

3251. **González A:** Common carotid artery stenosis due to subintimal hematoma following blunt trauma to the neck. Report of a case. J Cardiovasc Surg (Torino) 18(3):297–301, May–Jun 1977
CAROTID ARTERY THROMBOSIS, diagnosis/ *CAROTID ARTERY THROMBOSIS, etiology/ CASE REPORT/ HEMATOMA, diagnosis/ *HEMATOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *NECK, injuries/ WOUNDS, NONPENETRATING, complications

3252. **Gonzalez AG, Darias V, Alonso G, et al:** Cytostatic activity of some Canary Islands species of Rutaceae. Planta Med 31(4):351–6, Jun 77
*ANTINEOPLASTIC AGENTS/ ATLANTIC ISLANDS/ *CELL DIVISION, drug effects/ *COUMARINS, pharmacodynamics/ DNA, biosynthesis/ PLANTS, MEDICINAL/ PROTEINS, biosynthesis/ RNA, biosynthesis/ SPAIN/ STRUCTURE–ACTIVITY RELATIONSHIP

3253. **González R, Ballester JM, Estrada M, et al:** A study of the genetical structure of the Cuban population: red cell and serum biochemical markers. Am J Hum Genet 28(6):585–96, Nov 76
ACID PHOSPHATASE/ ADENOSINE DEAMINASE/ ADENYLATE KINASE/ CAUCASIAN RACE/ CUBA/ ERYTHROCYTES/ FEMALE/ *GENE FREQUENCY/ GLUCOSEPHOSPHATE DEHYDROGENASE/ GLUCOSEPHOSPHATE ISOMERASE/ HAPTOGLOBINS/ HEMOGLOBINS/ HUMAN/ LACTATE DEHYDROGENASE/ LIPOAMIDE DEHYDROGENASE/ MALE/ NEGROID RACE/ PEPTIDE HYDROLASES/ PHOSPHOGLUCONATE DEHYDROGENASE/ *POLYMORPHISM (GENETICS)

3254. **Gonzalez-Garza MT, Pacheco-Cano MG, Romero-Villaseñor G:** Comparación de los niveles de actividad antitríptica entre sueros de individuos normales y sueros de pacientes con cáncer Arch Invest Med (Mex) 8(1):39–46, 1977 (Eng. Abstr.) **(Spa)**
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASMS, blood/ NEOPLASMS, metabolism/ *TRYPSIN INHIBITORS, analysis/ TRYPSIN INHIBITORS, metabolism

3255. **Gonzalez-Gronow M, Violand BN, Castellino FJ:** Purification and some properties of the Glu- and Lys-human plasmin heavy chains. J Biol Chem 252(7):2175–7, 10 Apr 77
*FIBRINOLYSIN/ FIBRINOLYSIN, isolation & purification/ GEL DIFFUSION TESTS/ GLUTAMATES, analysis/ HUMAN/ LYSINE, analysis/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3256. **Gonzalez-Molina A, Spiegelberg HL:** Binding of IgE myeloma proteins to human cultured lymphoblastoid cells. J Immunol 117(5 Pt.2):1838–45, Nov 76
AUTORADIOGRAPHY/ *BINDING SITES, ANTIBODY/ BINDING, COMPETITIVE/ CELLS, CULTURED/ HUMAN/ *IGE/ IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, FC/ IMMUNOLOGIC TECHNICS/ *MYELOMA PROTEINS, immunology/ PRONASE, pharmacodynamics/ TEMPERATURE/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3257. **Gonzalez-Molina A, Spiegelberg HL:** A subpopulation of normal human peripheral B lymphcytes that bind IgE. J Clin Invest 59(4):616–24, Apr 77
ADULT/ *B-LYMPHOCYTES, immunology/ BINDING SITES/ CATTLE/ CELL MEMBRANE, immunology/ ERYTHROCYTES, immunology/ FEMALE/ HUMAN/ *IGE/ IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, FC/ IMMUNOLOGIC TECHNICS/ MALE/ MYELOMA PROTEINS, immunology/ PROTEIN BINDING/ SHEEP/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3258. **Goode TB, Davies PF, Reidy MA, et al:** Aortic endothelial cell morphology observed in situ by scanning electron microscopy during atherogenesis in the rabbit. Atherosclerosis 27(2):235–51, Jun 77
ANIMAL/ *AORTA, pathology/ AORTA, ultrastructure/ *ARTERIOSCLEROSIS, pathology/

ATHEROSCLEROSIS, etiology/ *ATHEROSCLEROSIS, pathology/ DIET, ATHEROGENIC/ ENDOTHELIUM, pathology/ ENDOTHELIUM, ultrastructure/ FATTY STREAK, ARTERIAL, etiology/ FATTY STREAK, ARTERIAL, pathology/ FEMALE/ HYPERCHOLESTEREMIA, complications/ MICROSCOPY, ELECTRON, SCANNING/ RABBITS/ SILVER NITRATE, diagnostic use/ STAINS AND STAINING, methods

3259. **Goodger BV:** Fibrinogen-like proteins and fibrinolytic proteins in a saline eluate from sucrose washed bovine erythrocytes. Aust J Exp Biol Med Sci 54(4):381–90, Aug 76
ANIMAL/ CATTLE/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, AGAR GEL/ *ERYTHROCYTES, analysis/ FEMALE/ *FIBRINOGEN, analysis/ *PLASMINOGEN, analysis/ *SODIUM CHLORIDE/ SUCROSE

3260. **Gooding GA, Herzog KA, Laing FC, et al:** Ultrasonographic assessment of neck masses. JCU 5(4):248–52, Aug 77
CAT-SCRATCH DISEASE, diagnosis/ CYSTS, diagnosis/ HEAD AND NECK NEOPLASMS, diagnosis/ HEMATOMA, diagnosis/ HUMAN/ LYMPHADENITIS, diagnosis/ *NECK/ *ULTRASONICS, diagnostic use

3261. **Gooding RH, Rolseth BM:** Digestive processes of haematophagous insects. XI. Partial purification and some properties of six proteolytic enzymes from the tsetse fly Glossina morsitans morsitans Westwood (Diptera: Glossinidae). Can J Zool 54(11):1950–9, Nov 76
ANIMAL/ MALE/ *PEPTIDE HYDROLASES, analysis/ *TSETSE FLIES, enzymology

3262. **Gooding RH:** Digestive processes of haematophagous insects. XII. Secretion of trypsin and carboxypeptidase B gy Glossina morsitans morsitans Westwood (Diptera: Glossinidae). Can J Zool 55(1):215–22, Jan 77
ANIMAL/ *CARBOXYPEPTIDASES, secretion/ FEMALE/ *TRYPSIN, secretion/ *TSETSE FLIES, enzymology

3263. **Goodman R, Grate H, Hannon E, et al:** Hematopoietic stem cells: effect of preirradiation, bleeding, and erythropoietin on thrombopoietic differentiation. Blood 49(2):253–61, Feb 77
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS, cytology/ *BLOODLETTING/ BONE MARROW CELLS, transplantation/ CELL DIFFERENTIATION/ *ERYTHROPOIETIN, pharmacodynamics/ *HEMATOPOIETIC STEM CELLS, cytology/ MALE/ MICE/ MICE, INBRED C3H/ *RADIATION CHIMERA/ TIME FACTORS/ TRANSPLANTATION, ISOGENEIC/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3264. **Goodnight SH Jr:** Defibrination following head injury. Compr Ther 3(3):25–8, Mar 77
*AFIBRINOGENEMIA, etiology/ BRAIN INJURIES, ACUTE, blood/ *BRAIN INJURIES, ACUTE, complications/ BRAIN INJURIES, ACUTE, therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN

3265. **Goradia RY, Davis BK:** Banding and spiralization of human metaphase chromosomes. Hum Genet 36(2):155–60, 15 Apr 77
*CHROMOSOMES, analysis/ HEAT/ HUMAN/ MITOSIS/ STAINS AND STAINING/ TRYPSIN

3266. **Gordeev NN, Melenteva VV, Sukharev VM:** Kliniko-biokhemicheskie paralleli pri sovremennom techenii skarlatiny u detei Pediatriia (1):15–7, Jan 77 **(Rus)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FIBRINOGEN, metabolism/ HUMAN/ PROTHROMBIN, metabolism/ *SCARLET FEVER, diagnosis/ SCARLET FEVER, metabolism

3267. **Gordon AH:** The alpha macroglobulins of rat serum. Biochem J 159(3):643–50, 1 Dec 76
*ALPHA MACROGLOBULINS, isolation & purification/ AMINO ACIDS, analysis/ ANIMAL/ ELECTROPHORESIS, DISC/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ PROTEIN BINDING/ RATS/ TRYPSIN/ TURPENTINE/ ULTRACENTRIFUGATION

3268. **Gordon F, Ramírez F, Muñoz R, et al:** El diagnóstico de las trombósis venosas por medio de radioisotopos Arch Inst Cardiol Mex 46(5):579–85, Sep–Oct 76 (Eng. Abstr.) **(Spa)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PHLEBOGRAPHY, methods/ *RADIONUCLIDE IMAGING, methods/ *THROMBOPHLEBITIS, diagnosis

3269. **Gordon JL, MacIntyre DE, McMillan RM:** Malondialdehyde production and the release reaction in rat blood platelets: inhibition by aspirin and indomethacin ex vivo [proceedings]. Br J Pharmacol 58(2):299P–300P, Oct 76
ANIMAL/ *ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ *INDOMETHACIN, pharmacodynamics/ *MALONATES, blood/ *MALONDIALDEHYDE, blood/ RATS/ SEROTONIN, blood/ TIME FACTORS

3270. **Gordon JL, Overman HJ:** Transport of 5-hydroxytryptamine by rat and human platelets [proceedings]. Br J Pharmacol 58(2):300P–301P, Oct 76
ANIMAL/ BIOLOGICAL TRANSPORT/ *BLOOD PLATELETS, metabolism/ COMPARATIVE STUDY/ HUMAN/ RATS/ *SEROTONIN, blood

3271. **Gordon MN, Schaefer EJ, Finkel M:** Treatment of protein-losing gastropathy with atropine. Am J Gastroenterol 66(6):535–9, Dec 76
ACIDS, metabolism/ ALBUMINURIA, complications/ ASCITES, complications/ *ATROPINE, therapeutic use/ CASE REPORT/ EDEMA, complications/ FEMALE/ *GASTRIC MUCOSA/ GASTRIC MUCOSA, metabolism/ HUMAN/ HYPERLIPEMIA, complications/ MIDDLE AGE/ *PROTEINS, metabolism/ STOMACH DISEASES, drug therapy/ *STOMACH DISEASES, metabolism/ THROMBOPHLEBITIS, complications

3272. **Gordon YB, Cooke ED, Bowcock SA, et al:** Non-invasive screening for venous thromboembolic disease. Br J Haematol 35(4):505–10, Apr 77
ADULT/ AGED/ COMPARATIVE STUDY/ FALSE NEGATIVE REACTIONS/ FALSE POSITIVE REACTIONS/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ *THERMOGRAPHY/ *THROMBOEMBOLISM, diagnosis/ THROMBOPHLEBITIS, diagnosis

3273. **Gorecka A, Drabikowski W:** Digestion of tropomyosin with trypsin. FEBS Lett 75(1):145–8, 15 Mar 77
ANIMAL/ KINETICS/ MOLECULAR WEIGHT/ MUSCLES/ PEPTIDE FRAGMENTS, analysis/ RABBITS/ *TROPOMYOSIN/ TROPOMYOSIN, metabolism/ *TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3274. **Goren SB, Eisenstein R, Choromokos E:** The inhibition of corneal vascularization in rabbits. Am J Ophthalmol 84(3):305–9, Sep 77
ANIMAL/ *AORTA/ *CARTILAGE/ CATTLE/ *CORNEA, blood supply/ CORNEAL DISEASES, chemically induced/ CORNEAL DISEASES, prevention & control/ FLUORESCENCE ANGIOGRAPHY/ MALE/ PEPTIDE HYDROLASES/ RABBITS/ SILVER NITRATE/ *TISSUE EXTRACTS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3275. **Gorenshteĭn AI, Tsybul'kin EK, Matveev IuV, et al:** Tromboflebity i trombozy pri dlitel'noĭ kateterizatsii podkliuchnykh ven u deteĭ. Vestn Khir 119(7):88–92, Jul 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ *CATHETERIZATION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ INFANT, NEWBORN/ *SUBCLAVIAN VEIN/ *THROMBOPHLEBITIS, etiology/ *THROMBOSIS, etiology/ TIME FACTORS

3276. **Gorenstein DG, Findlay JB:** 31P NMR of diisopropyl phosphoryl alpha-chymotrypsin and catechol cyclic phosphate alpha-chymotrypsin. Direct observation of two conformational isomers.
Biochem Biophys Res Commun 72(2):640-5, 20 SEP 76
BINDING SITES/ CATECHOLS/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ HYDROGEN-ION CONCENTRATION/ *ISOENZYMES/ ISOENZYMES, metabolism/ ISOFLUROPHATE/ NUCLEAR MAGNETIC RESONANCE/ ORGANOPHOSPHORUS COMPOUNDS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3277. **Gorenstein DG, Kar D, Momii RK:** NMR evidence against covalent attachment of an aldehyde 'transition-state' analogue to alpha-chymotrypsin.
Biochem Biophys Res Commun 73(1):105-11, 8 Nov 76
*ALDEHYDES/ BINDING SITES/ *CHYMOTRYPSIN/ CINNAMATES/ MATHEMATICS/ NUCLEAR MAGNETIC RESONANCE/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3278. **Göretzlehner G, Frick G, Frick U:** Hormonale Kontrazeption--Thromboembolie und Opertaionsrisiko
Zentralbl Chir 101(18):1103-11, 1976 (Eng. Abstr.)**(Ger)**
ADULT/ BLOOD COAGULATION, drug effects/ BLOOD VESSELS, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, HORMONAL, administration & dosage/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ ENGLISH ABSTRACT/ EPIDEMIOLOGIC METHODS/ FEMALE/ HEMODYNAMICS, drug effects/ HEPARIN, administration & dosage/ HUMAN/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, etiology/ PREOPERATIVE CARE/ RISK/ *THROMBOEMBOLISM, chemically induced

3279. **Goriachkin IaK:** Leĭkotsitarnye faktory gemostaza u bol'nykh revmatizmom Vrach Delo (1):31-6, Jan 77 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION/ ENGLISH ABSTRACT/ *HEMOSTASIS/ HUMAN/ *LEUKOCYTES, physiology/ *RHEUMATISM, blood

3280. **Goriachkin IaKh:** Leĭkotsitarnye faktory gemostaza u bol'nykh revmatizmom Vrach Delo (1):31-6, Jan 77 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION/ ENGLISH ABSTRACT/ *HEMOSTASIS/ HUMAN/ *LEUKOCYTES, physiology/ *RHEUMATISM, blood

3281. **Goriachkin IaKh:** Vliianie eritrotsitov na gemostaz u bol'nykh revmatizmom raznoĭ stepeni aktivnosti.
Vopr Revm (2):30-3, Apr-Jun 77 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ *ERYTHROCYTES/ *HEMOSTASIS/ HUMAN/ *RHEUMATIC FEVER, blood

3282. **Gorin E, Honeyman TW, Goodman HM:** Independent modulation of hepatic protein kinase activities.
Biochim Biophys Acta 451(2):491-8, 21 Dec 76
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ CORTISONE, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ HISTONE KINASE, metabolism/ HYPOPHYSECTOMY/ LIVER, drug effects/ *LIVER, enzymology/ PROTAMINES/ *PROTEIN KINASE, metabolism/ RATS/ SOMATOTROPIN, pharmacodynamics/ TRIIODOTHYRONINE, pharmacodynamics

3283. **Gorin N, Klop W, Heidema FT:** Protease activity in Golden Delicious apples as another parameter of senescence.
Z Lebensm Unters Forsch 164(2):92-3, 30 Jun 77
*APPLE, analysis/ *FRUIT, analysis/ *PEPTIDE HYDROLASES, metabolism/ *PLANTS, enzymology/ TIME FACTORS

3284. **Gorin NC, Féron R, Homberg JC, et al:** Intérêt du test à l'étiocholanolone en hématologie. Résultats préliminaires (68 tests) Nouv Presse Med 6(18):1547-50, 30 Apr 77 **(Fre)**
BLOOD CELL COUNT/ BONE MARROW CELLS/ DRUG TOLERANCE/ ETIOCHOLANOLONE, adverse effects/ *ETIOCHOLANOLONE, diagnostic use/ ETIOCHOLANOLONE, metabolism/ FEVER, chemically induced/ *HEMATOLOGIC DISEASES, diagnosis/ HUMAN/ LEUKEMIA, LYMPHOBLASTIC, diagnosis/ MYELOGRAPHY/ NEUTROPENIA, diagnosis/ PROGNOSIS/ PURPURA, THROMBOPENIC, diagnosis

3285. **Göring HD, Schwalm I, Agatha G, et al:** Die Antigen-Testung mit gefrierkonservierten Lymphozyten im LTT und LMHT Dermatol Monatsschr 163(3):217-9, Mar 77 (Eng. Abstr.) **(Ger)**
*ANTIGENIC DETERMINANTS/ *BLOOD PRESERVATION/ *CELL MIGRATION INHIBITION, methods/ DERMATITIS, CONTACT, immunology/ DIMETHYL SULFOXIDE/ ENGLISH ABSTRACT/ *FREEZING/ HUMAN/ *LEUKOCYTES, immunology/ *LYMPHOCYTE TRANSFORMATION

3286. **Gorlin R:** Pathogenesis of atherosclerosis.
Major Probl Intern Med 11:29-39, 1976
ATHEROSCLEROSIS, etiology/ BLOOD PLATELETS/ CAPILLARY PERMEABILITY/ CHOLESTEROL, DIETARY, adverse effects/ *CORONARY DISEASE, etiology/ CORONARY DISEASE, pathology/ CORONARY VESSELS, pathology/ DIETARY FATS, adverse effects/ ENDOTHELIUM, pathology/ FATTY STREAK, ARTERIAL, etiology/ FEMALE/ HUMAN/ LIPOPROTEINS, LDL, metabolism/ MALE/ MUSCLE, SMOOTH, pathology

3287. **Gorlin R:** Therapy to control coronary atherosclerosis and its complications. Major Probl Intern Med 11:281-92, 1976
ANTICOAGULANTS, therapeutic use/ CORONARY DISEASE, complications/ *CORONARY DISEASE, therapy/ DIABETES MELLITUS, complications/ DIABETES MELLITUS, therapy/ EXERTION/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ HYPERTENSION, complications/ HYPERTENSION, therapy/ LIPIDS, blood/ RISK/ SEX HORMONES, therapeutic use/ SMOKING

3288. **Gorlin R:** Principles in selection of therapy.
Major Probl Intern Med 11:293-310, 1976
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ ANGINA PECTORIS, therapy/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ AORTOCORONARY BYPASS/ ARRHYTHMIA, therapy/ *CORONARY DISEASE, therapy/ DIET THERAPY/ EMBOLISM, prevention & control/ GLYCERYL TRINITRATE, therapeutic use/ HEART FAILURE, CONGESTIVE, therapy/ HUMAN/ MYOCARDIAL REVASCULARIZATION/ PROPRANOLOL, therapeutic use/ RISK/ THROMBOSIS, prevention & control

3289. **Gorlin RJ:** Some soft tissue heritable tumors.
Birth Defects 12(1):7-14, 1976 (73 ref.)
ADENOMA, familial & genetic/ CARCINOMA, familial & genetic/ COLONIC NEOPLASMS, familial & genetic/ FEMALE/ GENES, DOMINANT/ GLOMANGIOMA, familial & genetic/ HAMARTOMA, familial & genetic/ HEMANGIOMA, familial & genetic/ HUMAN/ LEIOMYOMA, familial & genetic/ LIPOMA, familial & genetic/ LIPOMATOSIS, familial & genetic/ MALE/ *NEOPLASMS, MULTIPLE PRIMARY, familial & genetic/ NEVUS, familial & genetic/ PARAGANGLIOMA, NONCHROMAFFIN, familial & genetic/ REVIEW/ SEBACEOUS GLAND NEOPLASMS, familial & genetic/ SKIN NEOPLASMS, familial & genetic/ *SOFT TISSUE NEOPLASMS, familial & genetic/ SYNDROME/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3290. **Gorlin RJ:** Some disorders exhibiting brachytelephalangy.
Birth Defects 13(1):243-57, 1977 (94 ref.)
ABNORMALITIES, DRUG-INDUCED, pathology/ CRANIOFACIAL DYSOSTOSIS,

pathology/ DWARFISM/ *FINGERS, abnormalities/ GINGIVAL DISEASES, congenital/ HUMAN/ HYDANTOINS, adverse effects/ MANDIBLE, abnormalities/ OSTEOLYSIS/ REVIEW/ SYNDROME/ *TOES, abnormalities/ TOOTH ABNORMALITIES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VINYL CHLORIDE, adverse effects/ WARFARIN, adverse effects

3291. **Gorlin RJ:** Some disorders exhibiting brachytelephalangy. Birth Defects 13(2):243–57, 1977 (94 ref.)
BONE AND BONES, abnormalities/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ DIPHENYLHYDANTOIN, adverse effects/ EAR, abnormalities/ FEMALE/ FIBROMATOSIS GINGIVAE, diagnosis/ *FINGERS, abnormalities/ HUMAN/ INFANT, NEWBORN/ MALE/ MANDIBLE, abnormalities/ MUCOPOLYSACCHARIDOSIS 6, diagnosis/ NAILS, MALFORMED/ NOSE DEFORMITIES/ PREGNANCY/ REVIEW/ *TOES, abnormalities/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VINYL CHLORIDE, adverse effects/ WARFARIN, adverse effects

3292. **Gorlina NK, Cheredeev AN:** Analiz primeneniia razlichnykh antikoagulantov pri pazdelenii kletok periphericheskoĭ krovi na otdel'nye fraktsii. Probl Gematol Pereliv Krovi 22(7):53–5, Jul 77 **(Rus)**
*ANTICOAGULANTS, pharmacodynamics/ *BLOOD CELLS, drug effects/ BLOOD COAGULATION, drug effects/ CELL SEPARATION, methods/ HUMAN

3293. **Gorman RR, Bunting S, Miller OV:** Modulation of human platelet adenylate cyclase by prostacyclin (PGX). Prostaglandins 13(3):377–88, Mar 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ *ADENYL CYCLASE, blood/ *BLOOD PLATELETS, enzymology/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ HOMEOSTASIS, drug effects/ HUMAN/ MICROSOMES, enzymology/ MODELS, BIOLOGICAL/ PEROXIDES, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ *PROSTAGLANDINS F, pharmacodynamics

3294. **Gormsen J, Kruse-Blinkenberg HO:** Tromboseprofylakse med heparin i lavdosering Ugeskr Laeger 139(11):669–70, Mar 77 **(Dan)**
FEMALE/ HEMORRHAGE, etiology/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ *THROMBOSIS, prevention & control

3295. **Gormsen J:** Fibrinolytisk behandling Ugeskr Laeger 139(20):1193–4, May 16 77 **(Dan)**
ACUTE DISEASE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ PLASMINOGEN ACTIVATORS, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ *THROMBOSIS, drug therapy

3296. **Gormsen J, Nielsen JD, Dalsgaard J, et al:** ADP-induced platelet aggregation in vitro in patients with ischemic heart disease and peripheral thromboatherosclerosis. Acta Med Scand 201(6):509–13, 1977
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ AGED/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ *CORONARY DISEASE, blood/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION, drug effects/ THROMBOSIS, blood

3297. **Gorodetskiĭ VM, Pashkov VV, Rogova EM:** Zamestitel'naia terapiia u bol'nykh s ostrymi neimmunnymi trombotsitopeniiami Ter Arkh 48(10):127–30, 1976 (Eng. Abstr.) **(Rus)**
AGED/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, pathology/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PLASMAPHERESIS/ THROMBOPENIA, blood/ *THROMBOPENIA, therapy

3298. **Görög P, Kovács B:** Thrombus formation, hemostasis, adhesiveness of leukocytes and morphological abnormalities in the microcirculation of adjuvant arthritic rats. Agents Actions 6(5):607–12, Sep 76
ADHESIVENESS/ ANIMAL/ *HEMOSTASIS/ *LEUKOCYTES, physiopathology/ MALE/ MICROCIRCULATION, pathology/ *MICROCIRCULATION, physiopathology/ RATS/ *THROMBOSIS, etiology/ THROMBOSIS, physiopathology

3299. **Görög P, Kovács IB:** Laser-induced thrombus formation and vascular reactivity in the microcirculation of the spontaneously hypertensive rat. Blood Vessels 14(5):294–302, 1977
ANIMAL/ FEMALE/ HEMOSTASIS/ HYPERTENSION, familial & genetic/ *HYPERTENSION, physiopathology/ *LASERS/ *MICROCIRCULATION, radiation effects/ PLATELET AGGREGATION, radiation effects/ RATS/ RATS, INBRED STRAINS/ *THROMBOSIS, etiology/ *VASCULAR RESISTANCE, radiation effects

3300. **Gorshkov VA:** Proteoliticheskaia aktivnost' v zheludke in vivo pri razlichnom funktsional'nom sostoianii ego slizistoĭ obolochki. Ter Arkh 49(5):105–10, 1977 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ *GASTRIC MUCOSA, enzymology/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, metabolism/ *STOMACH, enzymology

3301. **Gorshkov VA:** Proteoliticheskaia aktivnost' zheludka pri iazvennoĭ bolezni. Klin Med (Mosk) 55(6):53–8, Jun 77 (Eng. Abstr.) **(Rus)**
CIRCADIAN RHYTHM/ *DUODENAL ULCER, enzymology/ ENGLISH ABSTRACT/ FEMALE/ GASTRIC JUICE, enzymology/ HUMAN/ MALE/ *PEPTIDE HYDROLASES, metabolism/ *STOMACH ULCER, enzymology

3302. **Gorski A:** Aktualne poglądy na fizjopatologię układu makrofago-monocytowego Pol Arch Med Wewn 57(4):345–51, Apr 77 **(Pol)**
ALDRICH SYNDROME, immunology/ CHEDIAK-HIGASHI SYNDROME, immunology/ CHEMOTAXIS/ COMPLEMENT 3/ IMMUNOGLOBULINS, FC/ IMMUNOLOGIC DEFICIENCY SYNDROMES, immunology/ LIPODYSTROPHY, INTESTINAL, immunology/ *MACROPHAGES, immunology/ *MONOCYTES, immunology/ PHAGOCYTOSIS

3303. **Gorski J, Kirsch E, Wehnert J:** Die operative Therapie des Prostataadenoms und ihre Komplikationsmöglichkeiten Z Aerztl Fortbild (Jena) 70(4):176–80, 15 Feb 76 **(Ger)**
GERMANY, EAST/ HUMAN/ MALE/ METHODS/ *POSTOPERATIVE COMPLICATIONS, occurrence/ *PROSTATIC HYPERTROPHY, surgery/ PULMONARY EMBOLISM, occurrence/ PYELONEPHRITIS, occurrence/ THROMBOPHLEBITIS, occurrence/ URINARY INCONTINENCE, occurrence

3304. **Gorst DW, Courtis M, Delamore IW:** A study of folic-acid-binding protein in normal subjects. Acta Haematol (Basel) 57(3):156–61, 1977
ADULT/ AGED/ ANIMAL/ *BLOOD PROTEINS/ BLOOD PROTEINS, analysis/ CHROMATOGRAPHY, GEL/ FEMALE/ *FOLIC ACID, blood/ HEPARIN, pharmacodynamics/ HUMAN/ LEUKOCYTES, analysis/ MALE/ MIDDLE AGE/ MILK, HUMAN, analysis/ MOLECULAR WEIGHT/ *PROTEIN BINDING/ PROTEIN BINDING, drug effects/ SWINE

3305. **Gościński I:** Bezporednie i odległe wyniki leczenia naczyniaków mózgu i zespołu Sturge-Webera w świetle obserwacji klinicznych i elektroencefalograficznych. Neurol Neurochir Pol 11(4):461–4, Jul-Aug 77 **(Pol)**
ADOLESCENCE/ ADULT/ AGED/ *ANGIOMATOSIS, surgery/ *BRAIN NEOPLASMS, surgery/ CHILD/ CHILD, PRESCHOOL/

ELECTROENCEPHALOGRAPHY/ FOLLOW-UP STUDIES/ *HEMANGIOMA, surgery/ MIDDLE AGE/ *STURGE-WEBER SYNDROME, surgery

3306. **Gospodarowicz D, Moran J, Braun D, et al:** Clonal growth of bovine vascular endothelial cells: fibroblast growth factor as a survival agent. Proc Natl Acad Sci USA 73(11):4120–4, Nov 76
ANIMAL/ AORTA, cytology/ *AORTA, growth & development/ BLOOD/ CATTLE/ *CELL DIVISION, drug effects/ CELLS, CULTURED/ CLONE CELLS, physiology/ CULTURE MEDIA/ ENDOTHELIUM, physiology/ FACTOR VIII, analysis/ FIBROBLASTS/ *GROWTH SUBSTANCES, pharmacodynamics/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ MUSCLE, SMOOTH/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3307. **Gostishchev VK, Tolstykh PI, Khanin AG, et al:** Fermenty i ingibitory proteoliza i sostoianie regeneratsii kostnoĭ rany Eksp Khir Anesteziol (3):48–51, May–Jun 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BONE REGENERATION, drug effects/ ENGLISH ABSTRACT/ FIBULA, injuries/ FRACTURES, therapy/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ RABBITS/ TRYPSIN, pharmacodynamics/ *TRYPSIN, therapeutic use

3308. **Gostishchev VK, Khanin AG, Tolstykh PI, et al:** Osobennosti regeneratsii kosti pri lechenii perelomov fermentami i ingibitorami proteoliza v eksperimente
Ortop Travmatol Protez (5):37–43, May 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BONE REGENERATION, drug effects/ ENGLISH ABSTRACT/ FIBULA, analysis/ FIBULA, injuries/ FIBULA, pathology/ FOLLOW-UP STUDIES/ *FRACTURES, drug therapy/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MUCOPOLYSACCHARIDES, analysis/ POSTOPERATIVE CARE/ RABBITS/ *TRYPSIN, therapeutic use

3309. **Goto S, Hara T, Yoshitomi H:** [Dynamic dialysis method. III. Effect of sulfonamides on the binding of warfarin with bovine serum albumin] J Pharm Soc Jpn 96(5):565–570, May 76 (Eng. Abstr.) **(Jpn)**
DIALYSIS/ ENGLISH ABSTRACT/ PROTEIN BINDING, drug effects/ *SERUM ALBUMIN, BOVINE/ *SULFONAMIDES, pharmacodynamics/ *WARFARIN

3310. **Gottenbos JJ:** The atherogenic effect of different cholesteryl esters. pp. 68–78.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974. (34 ref.)
ARACHIDONIC ACIDS, metabolism/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ *CHOLESTEROL ESTERS, adverse effects/ CHOLESTEROL ESTERS, metabolism/ CHOLESTEROL, blood/ *CHOLESTEROL, analogs & derivatives/ DIET, ATHEROGENIC/ DIETARY FATS/ ESTERIFICATION/ FATTY ACIDS, metabolism/ FATTY STREAK, ARTERIAL, metabolism/ HUMAN/ LINOLEIC ACIDS, metabolism/ MONOGRAPH/ OLEIC ACIDS, adverse effects/ OLEIC ACIDS, metabolism/ REVIEW/ SOY BEANS, adverse effects

3311. **Gottfried S, Parke DV, Sacra PJ, et al:** Studies of the interaction of carbenoxolone sodium and warfarin sodiun in vivo [proceedings] Br J Pharmacol 60(2):280P–281P, Jun 77
ANIMAL/ *BLOOD COAGULATION, drug effects/ *CARBENOXOLONE, pharmacodynamics/ DRUG INTERACTIONS/ FEMALE/ RATS/ *TRITERPENES, pharmacodynamics/ *WARFARIN, pharmacodynamics

3312. **Gottlieb MN, Garovoy MR, Carpenter CB:** Immunologic tests for rejection. Urol Clin North Am 3(3):553–73, Oct 76
ACIDOSIS, RENAL TUBULAR, urine/ ANTIBODIES, HETEROTYPIC, analysis/ BLOOD COAGULATION TESTS/ CELL MIGRATION INHIBITION/ COMPLEMENT, analysis/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *GRAFT REJECTION/ HUMAN/ *KIDNEY, transplantation/ LEUKOCYTE CULTURE TEST, MIXED/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, urine/ PROTEINURIA, urine/ RADIOISOTOPE RENOGRAPHY/ SODIUM, urine/ *TRANSPLANTATION IMMUNOLOGY/ TRANSPLANTATION, ALLOGENEIC

3313. **Goudemand J, Mazurier C, Parquet-Gernez A, et al:** Antigènes HLA et maladie de Willebrand.
Pathol Biol (Paris) 25(4):241–3, Apr 77 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY ANTIGENS, analysis/ *HL-A/ HL-A, analysis/ HUMAN/ VON WILLEBRAND'S DISEASE, familial & genetic/ *VON WILLEBRAND'S DISEASE, immunology

3314. **Goutner A, Simmler MC, Tapon J, et al:** Modulation by alpha-2 macroglobulin of human lymphocyte proliferation in response to mitogens and antigen. Differentiation 5(2–3):171–3, 4 Jun 76
*ALPHA MACROGLOBULINS, pharmacodynamics/ *ANTIGENS/ CELL MEMBRANE, enzymology/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ IN VITRO/ *LYMPHOCYTE TRANSFORMATION, drug effects/ *LYMPHOCYTES, drug effects/ LYMPHOCYTES, enzymology/ LYMPHOCYTES, metabolism/ *MITOGENS, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ PLANT AGGLUTININS, pharmacodynamics/ TUBERCULIN

3315. **Gover PA, Ingram GI, Cork MS, et al:** Bleeding from self-administration of phenindione: a detailed case study. Br J Haematol 33(4):551–64, Aug 76
ADULT/ ANEMIA, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, therapeutic use/ BLOOD COAGULATION TESTS/ CASE REPORT/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ DIABETES MELLITUS, complications/ *DRUG ABUSE/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ HEMATEMESIS, complications/ HEMATURIA, complications/ HUMAN/ MENORRHAGIA, complications/ *PHENINDIONE/ PHENINDIONE, blood/ SELF MEDICATION/ SPECTRUM ANALYSIS/ VITAMIN K, blood/ VITAMIN K, therapeutic use/ VITAMIN K, urine/ WARFARIN, blood

3316. **Govier DA, Kassanis B, Pirone TP:** Partial purification and characterization of the potato virus Y helper component. Virology 78(1):306–14, 1 May 77
CHROMATOGRAPHY, GEL/ ELECTROPHORESIS/ HEAT/ MAGNESIUM, pharmacodynamics/ *PLANT VIRUSES/ PRONASE, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ TRYPSIN, pharmacodynamics/ ULTRAFILTRATION/ *VIRAL PROTEINS, isolation & purification/ VIRAL PROTEINS, physiology

3317. **Govorunov GV:** Revaskuliarizatsiia arteriĭ goleni pri ateroskleroze (obzor literatury) Eksp Khir Anesteziol (6):79–83, Nov–Dec 76 (100 ref.) **(Rus)**
ANGIOGRAPHY/ ARTERIES, pathology/ ARTERIES, surgery/ ARTERIES, transplantation/ *ARTERIOSCLEROSIS, surgery/ ATHEROSCLEROSIS, pathology/ ATHEROSCLEROSIS, radiography/ *ATHEROSCLEROSIS, surgery/ HEMATOMA/ HUMAN/ *LEG, blood supply/ METHODS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ REVIEW/ THROMBOEMBOLISM, prevention & control/ TRANSPLANTATION, AUTOLOGOUS/ VEINS, transplantation

3318. **Gowda VV, Apuzzio J, Langer A, et al:** Pregnancy complicated by refractory idiopathic thombocytopenic purpura and diabetes mellitus. J Reprod Med 19(3):147–50, Sep 77
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *PREGNANCY IN DIABETES, complications/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ PREGNANCY/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, therapy

3319. **Gowenlock AH:** Tests of exocrine pancreatic function. Ann Clin Biochem 14(2):61–89, Mar 77 (208 ref.)
AMYLASE, metabolism/ BICARBONATES, analysis/ BILIARY TRACT DISEASES, physiopathology/ CARBOHYDRATES, metabolism/ CHILD/ CHOLECYSTOKININ, pharmacodynamics/ CHYMOTRYPSIN, analysis/ COMPARATIVE STUDY/ DUODENUM, analysis/ FECES, enzymology/ HUMAN/ LIPASE, blood/ METHODS/ PANCREAS, analysis/ *PANCREAS, physiology/ PANCREAS, radiography/ PANCREATIC DISEASES, familial & genetic/ PANCREATIC DISEASES, metabolism/ PANCREATIC DISEASES, physiopathology/ PANCREATIC HORMONES, physiology/ PANCREATIC NEOPLASMS, physiopathology/ PANCREATIC NEOPLASMS, secretion/ PANCREATITIS, physiopathology/ REVIEW/ SECRETIN, pharmacodynamics/ TRYPSIN, analysis

3320. **Goya N, Shibata R:** [Wiskott–Aldrich syndrome and ataxia telangiectasia] Jpn J Clin Med 35(4):1683–9, 10 Apr 77 (35 ref.) **(Jpn)**
*ALDRICH SYNDROME, immunology/ ANTIBODY FORMATION/ *ATAXIA TELANGIECTASIA, immunology/ CHILD/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ IMMUNITY/ IMMUNITY, CELLULAR/ INFANT/ MALE/ REVIEW

3321. **Grabb WC, MacCollum M, Tan NG:** Results from tattooing port-wine hemangiomas. A long-term follow-up. Plast Reconstr Surg 59(5):667–9, May 77
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *FACIAL NEOPLASMS, therapy/ FEMALE/ FOLLOW-UP STUDIES/ *HEMANGIOMA, therapy/ HUMAN/ LONG TERM CARE/ MALE/ SKIN NEOPLASMS, therapy/ *TATTOOING

3322. **Grabovskaia KB, Totolian AA:** Vzaimodeistvie streptokokkov gruppy a s kul'turoĭ kletok HEp-2 Zh Mikrobiol Epidemiol Immunobiol (2):32–6, Feb 77 (Eng. Abstr.) **(Rus)**
*CELL LINE/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EPITHELIUM/ HUMAN/ *STREPTOCOCCUS PYOGENES/ STREPTOCOCCUS PYOGENES, growth & development/ STREPTOCOCCUS PYOGENES, pathogenicity/ TRYPSIN, pharmacodynamics

3323. **Grabowski R, Bielawiec M, Kiersnowska B, et al:** Untersuchungen über den 131J-Fibrinogenumsatz bei der Aktivierung der Blutfibrinolyse Z Gesamte Inn Med 31(24):1025–7, 15 Dec 76 (Eng. Abstr.) **(Ger)**
ADULT/ *ARTERIOSCLEROSIS, drug therapy/ COMPARATIVE STUDY/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ *FIBRINOLYSIS, drug effects/ HUMAN/ IODINE, metabolism/ MALE/ MIDDLE AGE/ *PHENFORMIN, therapeutic use/ *STANOZOLOL, therapeutic use/ XANTHINOL NIACINATE, therapeutic use

3324. **Graboys TB, Sloss LJ, Ockene IA:** Echocardiographic diagnosis of left atrial thrombus – a case report. JCU 5(4):284–5, Aug 77
AGED/ CASE REPORT/ *ECHOCARDIOGRAPHY/ FEMALE/ HEART ATRIUM/ *HEART DISEASES, diagnosis/ HUMAN/ *THROMBOSIS, diagnosis/ ULTRASONICS, diagnostic use

3325. **Gracheva ND, Mirzaev MA:** Effektivnost' raznykh sposobov khirurgicheskoĭ obrabotki pronikaiushchikh cherepno-mozgovykh ranposle obshchego rentgenovskogo obliucheniia u zhivotnykh. Zh Vopr Neirokhir (3):7–13, May–Jun 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BRAIN INJURIES, ACUTE, complications/ BRAIN INJURIES, ACUTE, mortality/ BRAIN INJURIES, ACUTE, surgery/ CEREBRAL HEMORRHAGE/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA/ MALE/ POSTOPERATIVE COMPLICATIONS/ RABBITS/ *RADIATION INJURIES, EXPERIMENTAL, complications/ RADIATION INJURIES, EXPERIMENTAL, mortality/ *SKULL FRACTURES, complications/ SKULL FRACTURES, mortality/ SKULL FRACTURES, surgery/ WOUND INFECTION, complications/ WOUNDS, PENETRATING, complications

3326. **Graeff H, Battis P, Hafter R, et al:** Evaluation of hypercoagulability in users of oral contraceptives. Klin Wochenschr 55(4):175–9, 15 Feb 77
ADULT/ CHROMATOGRAPHY, AGAROSE/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HUMAN/ THROMBOEMBOLISM, blood/ *THROMBOEMBOLISM, chemically induced

3327. **Graeff H, Ernst E, Bocaz JA, et al:** Evaluation of hypercoagulability in septic abortion. Haemostasis 5(5):285–94, 1976
*ABORTION, SEPTIC, blood/ ABORTION, SEPTIC, drug therapy/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD PLATELETS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HEPARIN, therapeutic use/ HUMAN/ PREGNANCY

3328. **Gráf L, Kenessey A:** Specific cleavage of a single peptide bond (residues 77–78) in beta-lipotropin by a pituitary endopeptidase. FEBS Lett 69(1):255–60, 15 Oct 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *LIPOTROPIN/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDE HYDROLASES, metabolism/ *PITUITARY GLAND, enzymology/ *PITUITARY GLAND, ANTERIOR, enzymology/ SWINE

3329. **Gráf L:** Fragmentation of porcine beta-lipotropic hormone with plasmin. Acta Biochim Biophys Acad Sci Hung 11(4):267–77, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ELECTROPHORESIS, PAPER/ *FIBRINOLYSIN/ HUMAN/ *LIPOTROPIN/ PEPTIDE FRAGMENTS, analysis/ SWINE/ TRYPSIN

3330. **Graham CW, Pagano RR, Katz RL:** Thrombophlebitis after intravenous diazepam--can it be prevented? Anesth Analg (Cleve) 56(3):409–13, May–Jun 77
ANIMAL/ BENZYL ALCOHOLS, administration & dosage/ DIAZEPAM, administration & dosage/ *DIAZEPAM, adverse effects/ FEMALE/ INJECTIONS, INTRAVENOUS/ LIDOCAINE, administration & dosage/ PROPANEDIOLS, administration & dosage/ RATS/ SODIUM CHLORIDE, administration & dosage/ *THROMBOPHLEBITIS, chemically induced/ VEHICLES, administration & dosage/ VEINS, drug effects/ VEINS, pathology

3331. **Graham DY:** Enzyme replacement therapy of exocrine pancreatic insufficiency in man. Relations between in vitro enzyme activities and in vivo potency in commercial pancreatic extracts. N Engl J Med 296(23):1314–7, 9 Jun 77
ADMINISTRATION, ORAL/ BIOLOGIC AVAILABILITY/ CAPSULES/ CHRONIC DISEASE/ CHYMOTRYPSIN, analysis/ COMPARATIVE STUDY/ DUODENUM, metabolism/ FECES, analysis/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ LIPASE, metabolism/ MALE/ NITROGEN, analysis/ PANCREAS, enzymology/ *PANCREATIC DISEASES, drug therapy/ *PANCREATIC EXTRACTS, administration & dosage/ PANCREATIC EXTRACTS, therapeutic use/ *PANCREATIC JUICE, secretion/ *SPRUE, drug therapy/ SPRUE, etiology/ STOMACH, metabolism/ TABLETS/ TABLETS,

ENTERIC-COATED/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3332. **Graham JB, Miller CH, Reisner HM, et al:** The phenotypic range of hemophilia A carriers. Am J Hum Genet 28(5):482–8, Sep 76
ADULT/ ANTIGENS/ CASE REPORT/ FACTOR VIII, immunology/ FACTOR VIII, metabolism/ FEMALE/ *HEMOPHILIA, familial & genetic/ *HETEROZYGOTE/ HUMAN/ LINKAGE (GENETICS)/ PEDIGREE/ *PHENOTYPE/ SEX CHROMOSOMES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3333. **Graham JB:** Genetic counseling in classic hemophilia A [editorial]. N Engl J Med 296(17):996–8, 28 Apr 77
ANTIGENS, analysis/ FACTOR VIII, analysis/ FACTOR VIII, immunology/ FEMALE/ *GENETIC COUNSELING/ *HEMOPHILIA, familial & genetic/ HEMOPHILIA, prevention & control/ HUMAN/ PROBABILITY

3334. **Graisely B, Audebert AA, Tobelem G, et al:** Crise comitiale révélatrice d'un accident artériel cérébral sous oestroprogestatifs avec troubles des fonctions plaquettaires Sem Hop Paris 52(14):877–82, 9 Apr 76 (Eng. Abstr.) **(Fre)**
ADULT/ *BLOOD PLATELET DISORDERS, chemically induced/ BLOOD PLATELETS, drug effects/ CASE REPORT/ *CEREBROVASCULAR DISORDERS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ ENGLISH ABSTRACT/ *EPILEPSY, chemically induced/ ETHINYL ESTRADIOL, adverse effects/ FEMALE/ HUMAN/ NORGESTREL, adverse effects/ PREGNANCY

3335. **Grajek S, Raszeja-Wanic B, Smarsz C:** Wpływ heparyny na stężenie wapnia i jego frakeji oraz fosforanów u osób zdrowych i chorych z prezewlekłą niewydolnością nerek Pol Tyg Lek 31(46):1963–5, 15 Nov 76 (Eng. Abstr.) **(Pol)**
ADULT/ *CALCIUM, blood/ ENGLISH ABSTRACT/ *HEPARIN, pharmacodynamics/ HUMAN/ *KIDNEY FAILURE, CHRONIC, blood/ PHOSPHATES, blood

3336. **Gralnick HR, Sultan Y, Coller BS:** Von Willebrand's disease: combined qualitative and quantitative abnormalities. N Engl J Med 296(18):1024–30, 5 May 77
*BLOOD COAGULATION FACTORS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR VIII/ FACTOR VIII, analysis/ FACTOR VIII, immunology/ HUMAN/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ PRECIPITATION/ SIALIC ACIDS, analysis/ *VON WILLEBRAND FACTOR/ VON WILLEBRAND FACTOR, immunology/ *VON WILLEBRAND'S DISEASE, blood

3337. **Granberg J, Lowndes R, Robinson N, et al:** La coagulation intravasculaire disséminée: une étude clinique Infirm Can 18(11):28–34, Nov 76 **(Fre)**
ADULT/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, nursing/ FEMALE/ HUMAN/ MEDICAL RECORDS, PROBLEM ORIENTED/ *PATIENT CARE PLANNING/ URINARY TRACT INFECTIONS, complications/ VAGINITIS, complications

3338. **Granowska M, Zjewski Z, Graban W:** Inhalacyjna metoda wentylacyjnej scyntygrafii płuc z użyciem koloidu indowego Pol Przegl Radiol 40(4):273–5, Jul–Aug 76 (Eng. Abstr.) **(Pol)**
ENGLISH ABSTRACT/ HUMAN/ INDIUM, administration & dosage/ *INDIUM, diagnostic use/ *LUNG/ METHODS/ *PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING/ RADIONUCLIDE IMAGING, methods

3339. **Granström E, Kindahl H, Samuelsson B:** A method for measuring the unstable thromboxane A2: radioimmunoassay of the derived mono-O-methyl-thromboxane B2. Prostaglandins 12(6):929–41, Dec 76
ANTIBODY SPECIFICITY/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION FACTORS, biosynthesis/ CHEMISTRY/ CROSS REACTIONS/ HALF-LIFE/ HUMAN/ HYDROXY ACIDS, biosynthesis/ *HYDROXY ACIDS, blood/ INDOMETHACIN, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, blood/ PYRANS, biosynthesis/ *PYRANS, blood/ *RADIOIMMUNOASSAY

3340. **Grant GA, Suttie JW:** Rat prothrombin: purification, characterization, and activation. Arch Biochem Biophys 176(2):650–62, Oct 76
ACETYLGLUCOSAMINE, analysis/ AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CALCIUM, metabolism/ ENZYME ACTIVATION/ HEXOSES, analysis/ KINETICS/ MALE/ MOLECULAR WEIGHT/ PHOSPHOLIPIDS/ PROTEIN BINDING/ *PROTHROMBIN/ PROTHROMBIN, isolation & purification/ PROTHROMBIN, metabolism/ RATS/ SIALIC ACIDS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K, pharmacodynamics

3341. **Grant GA, Suttie JW:** Rat liver prothrombin precursors: purification of a second, more basic form. Biochemistry 15(24):5387–93, 30 Nov 76
AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ FACTOR V, pharmacodynamics/ FACTOR X, metabolism/ MALE/ *MICROSOMES, LIVER, metabolism/ PHOSPHOLIPIDS, metabolism/ PHOSPHOLIPIDS, pharmacodynamics/ *PROTEIN PRECURSORS, isolation & purification/ *PROTHROMBIN, biosynthesis/ RATS/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K DEFICIENCY, chemically induced/ *VITAMIN K DEFICIENCY, metabolism/ WARFARIN

3342. **Grappel SF:** Role of keratinases in dermatophytosis. IV. Reactivities of sera from guinea pigs with heat-inactivated keratinase II. Dermatologica 153(3):157–62, 1976
ANIMAL/ ANTIBODIES, analysis/ ANTIGENS/ COMPLEMENT FIXATION TESTS/ GUINEA PIGS/ HEAT/ IMMUNIZATION/ MALE/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, immunology/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *TINEA, enzymology/ TINEA, immunology

3343. **Grasser H, Ackermann K:** Anwendungsmöglichkeiten von Laserstrahlen in der zahnärztlichen Chirurgie. Dtsch Zahnaerztl Z 32(7):512–5, Jul 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ HEMOPHILIA/ HEMORRHAGE, ORAL, prevention & control/ HEMORRHAGIC DIATHESIS/ HUMAN/ LASER COAGULATION/ *LASERS/ *SURGERY, ORAL, methods/ TOOTH EXTRACTION/ TOOTH ROOT, surgery/ TOOTH, IMPACTED, surgery

3344. **Grasset D:** Exploration vasculaire des tumeurs du rein J Urol Nephrol (Paris) 82(7–8):648–54, Jul–Aug 76 **(Fre)**
ABSCESS, radiography/ ADENOMA, blood supply/ ADENOMA, radiography/ ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA, blood supply/ HEMANGIOMA, radiography/ HUMAN/ KIDNEY DISEASES, radiography/ *KIDNEY NEOPLASMS, blood supply/ KIDNEY NEOPLASMS, radiography/ KIDNEY NEOPLASMS, surgery/ LIPOMA, blood supply/ LIPOMA, radiography/ LYMPHOGRAPHY/ PHLEBOGRAPHY/ PYELONEPHRITIS, radiography

3345. **Grassi C, Morandini GC, Pernice A, et al:** Use of a modified thromboelastograph to evaluate effects of acetylcysteine on sputum. Respiration 34(2):100–4, 1977
ACETYLCYSTEINE, administration & dosage/ *ACETYLCYSTEINE, pharmacodynamics/ HUMAN/ *SPUTUM, drug effects/ *THROMBELASTOGRAPHY, instrumentation

3346. **Grau A, Cabrer B, Bofill D, et al:** Los productos de

degradación del fibrinógeno en el tromboembolismo pulmonar agudo Rev Clin Esp 142(2):131–4, 31 Jul 76 (Eng. Abstr.) (Spa)
ACUTE DISEASE/ ENGLISH ABSTRACT/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HUMAN/ *PULMONARY EMBOLISM, blood

3347. **Graves JM, Colwell JA, Nair RM, et al:** The effect of oral glucose on von Willebrand factor activity in normal and diabetic subjects. Clin Endocrinol (Oxf) 6(6):437–42, Jun 77
AGED/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD SUGAR/ *DIABETES MELLITUS, blood/ FEMALE/ GLUCOSE TOLERANCE TEST/ *GLUCOSE, pharmacodynamics/ HUMAN/ INSULIN, blood/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION/ SOMATOTROPIN, blood/ *VON WILLEBRAND FACTOR, analysis

3348. **Graw RG, Herzig RH, Langston MG, et al:** National donor registry and computer transfusion programs for platelet transfusions. Transplant Proc 9(1 Suppl 1):225–7, Mar 77
*BLOOD BANKS/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ COMPUTERS/ *HISTOCOMPATIBILITY TESTING, instrumentation/ HUMAN/ *REGISTRIES, methods/ UNITED STATES

3349. **Grčic R:** Prevencija opstetrične traume. Nar Zdrav 32(3–4):156–9, Mar–Apr 76 (Scr)
*BIRTH INJURIES, prevention & control/ CEREBRAL HEMORRHAGE, prevention & control/ FACIAL PARALYSIS, prevention & control/ FEMALE/ FRACTURES, prevention & control/ HEMATOMA, prevention & control/ HUMAN/ INFANT, NEWBORN/ PREGNANCY/ SKIN DISEASES, prevention & control/ VACUUM EXTRACTION, OBSTETRICAL, adverse effects

3350. **Greaves JH, Rehman AB:** The susceptibility of Tatera indica, Nesokia indica and Bandicota bengalensis to three anticoagulant rodenticides. J Hyg (Camb) 78(1):75–84, Feb 77
ANIMAL/ *ANTICOAGULANTS, toxicity/ ASIA, WESTERN/ COUMARINS, toxicity/ FEMALE/ *GERBILS, physiology/ MALE/ *RATS, physiology/ *RODENTICIDES/ SPECIES SPECIFICITY/ WARFARIN, toxicity

3351. **Greaves JH, Ayres PB:** Inheritance of Scottish-type resistance to warfarin in the Norway rat. Genet Res 28(3):231–9, Dec 76
ANIMAL/ CHROMOSOME MAPPING/ CROSSES, GENETIC/ *DRUG RESISTANCE/ *GENES/ HETEROZYGOTE/ HOMOZYGOTE/ *RATS, physiology/ *RODENTICIDES/ *WARFARIN, pharmacodynamics

3352. **Greaves JH, Ayres PB:** Unifactorial inheritance of warfarin resistance in Rattus norvegicus from Denmark. Genet Res 29(3):215–22, Jun 77
ANIMAL/ CROSSES, GENETIC/ DENMARK/ *DRUG RESISTANCE/ FEMALE/ *GENES, DOMINANT/ MALE/ *RATS/ *WARFARIN, pharmacodynamics

3353. **Green A, Donald KJ:** Necropsy as a control of death certification: some unexpected findings. Med J Aust 2(4):131–2, 24 Jul 76
ADULT/ *AUTOPSY/ CEREBRAL HEMORRHAGE, diagnosis/ COMPARATIVE STUDY/ *DEATH CERTIFICATES/ DIAGNOSTIC ERRORS/ FEMALE/ HUMAN/ MIDDLE AGE/ PULMONARY EMBOLISM, diagnosis/ SUBARACHNOID HEMORRHAGE, diagnosis

3354. **Green AE, Hort JF, Korn HE, et al:** Potentiation of warfarin by azapropazone [letter] Br Med J 1(6075):1532, 11 Jun 77
*APAZONE, adverse effects/ *ARTHRITIS, drug therapy/ DRUG SYNERGISM/ HUMAN/ *TRIAZINES, adverse effects/ *WARFARIN, therapeutic use

3355. **Green D, Tiro A, Basiliere J, et al:** Cytotoxic antibody complicating platelet support in acute leukemia. Response to chemotherapy. JAMA 236(9):1044–6, 30 Aug 76
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ HISTOCOMPATIBILITY TESTING/ HL-A/ HUMAN/ *ISOANTIBODIES, analysis/ *LEUKEMIA, MYELOCYTIC, immunology/ LEUKEMIA, MYELOCYTIC, therapy/ LYMPHOCYTES, immunology/ MIDDLE AGE/ THROMBOPENIA, therapy

3356. **Green D, Chediak JR:** von Willebrand's disease: current concepts. Am J Med 62(3):315–8, Mar 77
BLOOD COAGULATION/ FACTOR VIII, analysis/ HETEROZYGOTE/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ *VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, familial & genetic

3357. **Green D, Given KM, Ts'ao C, et al:** The effect of a new non-steroidal anti-inflammatory agent, sulindac, on platelet function. Thromb Res 10(2):283–9, Feb 77
ANALGESICS, ANTI-INFLAMMATORY, pharmacodynamics/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ *BENZYLIDENE COMPOUNDS, pharmacodynamics/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, secretion/ CHROMATOGRAPHY, AFFINITY/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ HUMAN/ *INDENES, pharmacodynamics/ *INDOMETHACIN, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ SEROTONIN, secretion

3358. **Green D, Potter EV:** Platelets and factor VIII in von Willebrand's disease [letter]. N Engl J Med 296(23):1357, 9 Jun 77
ANTIGENS/ *BLOOD PLATELETS, immunology/ *FACTOR VIII, immunology/ HUMAN/ VON WILLEBRAND'S DISEASE, blood/ *VON WILLEBRAND'S DISEASE, immunology

3359. **Green D, Reynolds N:** Double-antibody radioimmunoassay for factor VIII-related antigen. Clin Chem 23(9):1648–53, Sep 77
ANTIBODIES/ *ANTIGENS, analysis/ BLOOD PLATELETS/ COMPARATIVE STUDY/ *FACTOR VIII/ HEMOPHILIA, immunology/ HUMAN/ IMMUNOASSAY, methods/ RABBITS, immunology/ RADIOIMMUNOASSAY, methods/ VON WILLEBRAND'S DISEASE, immunology

3360. **Green DL:** Complications of total hip replacement. South Med J 69(12):1559–64, Dec 76
ACETABULUM, injuries/ BONE RESORPTION, etiology/ FEMORAL FRACTURES, etiology/ HEMATOMA, etiology/ HIP DISLOCATION, etiology/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS/ LEG LENGTH INEQUALITY, etiology/ METHYLMETHACRYLATE/ *POSTOPERATIVE COMPLICATIONS, etiology/ PROSTHESIS DESIGN/ PULMONARY EMBOLISM, etiology/ SURGICAL WOUND INFECTION, etiology/ THROMBOPHLEBITIS, etiology/ WOUND HEALING

3361. **Green DP:** The effect of trypsin inhibitors on the in vitro acrosome reaction of guinea-pig spermatozoa [proceedings]. J Physiol (Lond) 263(2):281P–282P, Dec 76
ACROSIN, metabolism/ *ACROSOME, drug effects/ ACROSOME, enzymology/ ANIMAL/ GUINEA PIGS/ IN VITRO/ MALE/ *SPERMATOZOA, drug effects/ *TRYPSIN INHIBITORS, pharmacodynamics

3362. **Green G, Thomson JM, Dymock IW, et al:** Abnormal fibrin polymerization in liver disease. Br J Haematol 34(3):427–39, Nov 76
BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ *FIBRIN, metabolism/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ HEPATIC COMA, blood/ HEPATOMA, blood/ HUMAN/ JAUNDICE, OBSTRUCTIVE, blood/ LIVER CIRRHOSIS, blood/ *LIVER DISEASES, blood/ LIVER NEOPLASMS, blood/ *POLYMERS/ REPTILASE, metabolism/ THROMBIN,

metabolism/ TIME FACTORS

3363. **Green G, Poller L, Thomson JM, et al:** Factor VII as a marker of hepatocellular synthetic function in liver disease. J Clin Pathol 29(11):971–5, Nov 76
CHRONIC DISEASE/ COMPARATIVE STUDY/ *FACTOR VII, biosynthesis/ HUMAN/ JAUNDICE, OBSTRUCTIVE, metabolism/ LIVER CIRRHOSIS, metabolism/ *LIVER DISEASES, blood/ LIVER DISEASES, drug therapy/ LIVER DISEASES, metabolism/ LIVER FUNCTION TESTS/ PHYTONADIONE, therapeutic use/ PROTHROMBIN TIME

3364. **Green G, Nasset ES:** Effect of bile duct obstruction on pancreatic enzyme secretion and intestinal proteolytic enzyme activity in the rat. Am J Dig Dis 22(5):437–44, May 77
ANIMAL/ BILE DUCTS, surgery/ *BILE, physiology/ BILIARY DYSKINESIA, enzymology/ CHYMOTRYPSIN, secretion/ *INTESTINES, enzymology/ LIGATION/ MALE/ *PANCREAS, enzymology/ PANCREATIC JUICE, enzymology/ *PEPTIDE HYDROLASES, secretion/ RATS/ TRYPSIN, secretion

3365. **Green GD, Tomalin G:** The kinetics of hydrolysis of some extended N-aminoacyl-l-lysine methyl esters. Eur J Biochem 68(1):131–7, Sep 76
BINDING SITES/ CALORIMETRY/ CATTLE/ ENZYME ACTIVATION/ ESTERS/ KINETICS/ LYSINE/ OSMOLAR CONCENTRATION/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ THERMODYNAMICS/ *TRYPSIN, metabolism

3366. **Green H:** Terminal differentiation of cultured human epidermal cells. Cell 11(2):405–16, Jun 77
BLOOD/ CELL DIFFERENTIATION/ CELL NUCLEUS, drug effects/ *CELLS, CULTURED, cytology/ CELLS, CULTURED, drug effects/ CELLS, CULTURED, ultrastructure/ CULTURE MEDIA/ CYTOPLASM, ultrastructure/ EPIDERMAL GROWTH FACTORS, biosynthesis/ EPIDERMAL GROWTH FACTORS, pharmacodynamics/ FIBROBLASTS, metabolism/ HUMAN/ MALE/ METHYLCELLULOSE/ MICE/ PENIS/ PLASMINOGEN, pharmacodynamics/ *SKIN/ SOLUBILITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3367. **Green JB 3d, Trobridge AA:** Hematologic and oncologic implications of alcoholism. Postgrad Med 61(5):149–54, May 77
*ALCOHOLISM, complications/ ALCOHOLISM, therapy/ ANEMIA, HYPOCHROMIC, etiology/ ANEMIA, SIDEROBLASTIC, etiology/ BLOOD PLATELET DISORDERS, etiology/ ESOPHAGEAL NEOPLASMS, etiology/ FOLIC ACID DEFICIENCY, etiology/ GRANULOCYTES/ *HEMATOLOGIC DISEASES, etiology/ HEPATOMA, etiology/ HUMAN/ LARYNGEAL NEOPLASMS, etiology/ LEUKOPENIA, etiology/ LIVER NEOPLASMS, etiology/ MOUTH NEOPLASMS, etiology/ *NEOPLASMS, etiology

3368. **Green NM, Hardwicke PM, Thorley-Lawson DA:** Preliminary studies on the structure of the calcium-activated adenosine triphosphatase of sarcoplasmic reticulum. Biochem Soc Symp (39):111–3, 1974
*ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ *CALCIUM, pharmacodynamics/ ENZYME ACTIVATION/ MOLECULAR WEIGHT/ PROTEIN CONFORMATION/ *SARCOPLASMIC RETICULUM, enzymology/ SODIUM DODECYL SULFATE/ TRYPSIN

3369. **Green RA, White F:** Feline factor XII (Hageman) deficiency. Am J Vet Res 38(6):893–5, Jun 77
ANIMAL/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, veterinary/ BLOOD COAGULATION TESTS/ *CAT DISEASES, blood/ CATS/ *FACTOR XII/ FEMALE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3370. **Greenbaum DM:** Secondary cardiac dysrhythmias. Heart Lung 6(2):308–16, Mar-Apr 77
ALKALOSIS, complications/ ANEMIA, complications/ ANOXIA, complications/ ARRHYTHMIA, chemically induced/ ARRHYTHMIA, diagnosis/ *ARRHYTHMIA, etiology/ DRUG THERAPY, adverse effects/ ELECTROCARDIOGRAPHY/ HEART CATHETERIZATION, adverse effects/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ HYPERCALCEMIA, complications/ HYPERKALEMIA, complications/ HYPOKALEMIA, complications/ HYPOTHERMIA, complications/ HYPOTHYROIDISM, complications/ INTENSIVE CARE UNITS/ INTRACRANIAL PRESSURE/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, complications/ RESPIRATION, ARTIFICIAL, adverse effects/ RESPIRATORY INSUFFICIENCY, complications

3371. **Greenberg P, Mara B, Bax I, et al:** The myeloproliferative disorders. Correlation between clinical evolution and alterations of granulopoiesis. Am J Med 61(6):878–91, Dec 76
ADOLESCENCE/ ADULT/ AGED/ CELL DIVISION/ CLONE CELLS/ COLONY STIMULATING FACTOR, urine/ ERYTHROLEUKEMIA, blood/ FEMALE/ GRANULOCYTES/ *HEMATOPOIESIS/ HEMATOPOIETIC STEM CELLS/ HUMAN/ IN VITRO/ LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOCYTIC, blood/ MALE/ MIDDLE AGE/ *MYELOPROLIFERATIVE DISORDERS, blood/ MYELOPROLIFERATIVE DISORDERS, urine/ POLYCYTHEMIA VERA, blood/ PRELEUKEMIA, blood/ PROGNOSIS/ PROSPECTIVE STUDIES/ THROMBOCYTOSIS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3372. **Greene CE, Barsanti JA, Jones BD:** Disseminated intravascular coagulation complicating aflatoxicosis in dogs. Cornell Vet 67(1):29–49, Jan 77
AFLATOXINS, analysis/ *AFLATOXINS, toxicity/ ANIMAL FEED, analysis/ ANIMAL/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, veterinary/ DOG DISEASES, blood/ *DOG DISEASES, chemically induced/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HEPATITIS, ANIMAL, blood/ HEPATITIS, ANIMAL, chemically induced/ HEPATITIS, ANIMAL, complications/ MALE/ PROTHROMBIN TIME

3373. **Greene JW Jr:** From the files of the KMA Maternal Mortality Study Committee. J Ky Med Assoc 75(2):90, Feb 77
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *MATERNAL MORTALITY/ PREGNANCY/ PULMONARY EMBOLISM

3374. **Greene LJ, Pubols MH, Bartelt DC:** Human pancreatic secretory trypsin inhibitor. Methods Enzymol 45:813–25, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GEL/ HUMAN/ METHODS/ MOLECULAR WEIGHT/ *PANCREAS, physiology/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, isolation & purification/ TRYPSIN INHIBITORS, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3375. **Greenfield LJ, Zocco J, Wilk J, et al:** Clinical experience with the Kim-Ray Greenfield vena caval filter. Ann Surg 185(6):692–8, Jun 77
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ *FILTRATION, instrumentation/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/

*PULMONARY EMBOLISM, prevention & control/ *VENA CAVA, INFERIOR/ VENA CAVA, INFERIOR, radiography

3376. **Greenleaf AL, Haars R, Bautz EK:** In vitro proteolysis of a large subunit of Drosophila melanogaster RNA polymerase B. FEBS Lett 71(2):205–8, 1 Dec 76
ANIMAL/ *DROSOPHILA MELANOGASTER, enzymology/ LARVA/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, metabolism/ *RNA POLYMERASE II/ RNA POLYMERASE II, metabolism/ *RNA POLYMERASES/ RNA POLYMERASES, metabolism

3377. **Greenwood MF, Coleman MS, Hutton JJ, et al:** Terminal deoxynucleotidyltransferase distribution in neoplastic and hematopoietic cells. J Clin Invest 59(5):889–99, May 77
ADOLESCENCE/ ANEMIA, APLASTIC, enzymology/ *BONE MARROW CELLS, enzymology/ CHILD/ CHILD, PRESCHOOL/ *DNA NUCLEOTIDYLTRANSFERASES, analysis/ DNA NUCLEOTIDYLTRANSFERASES, blood/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, enzymology/ LEUKEMIA, MYELOBLASTIC, enzymology/ *LYMPHOCYTES, enzymology/ LYMPHOMA, enzymology/ *NEOPLASMS, enzymology/ NEUROBLASTOMA, enzymology/ OLIGONUCLEOTIDES/ PURPURA, THROMBOPENIC, enzymology/ RECURRENCE/ REMISSION/ RHABDOMYOSARCOMA, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3378. **Gregory EM, Kowalski JB, Holdeman LV:** Production and some properties of catalase and superoxide dismutase from the anaerobe Bacteroides distasonis. J Bacteriol 129(3):1298–302, Mar 77
AZIDES, pharmacodynamics/ *BACTEROIDES, enzymology/ *CATALASE, metabolism/ CULTURE MEDIA/ CYANIDES, pharmacodynamics/ FREEZING/ HEMIN, pharmacodynamics/ MOLECULAR WEIGHT/ PHYTONADIONE, pharmacodynamics/ *SUPEROXIDE DISMUTASE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3379. **Gregory H, Preston BM:** The primary structure of human urogastrone. Int J Pept Protein Res 9(2):107–18, 1977
AMINO ACID SEQUENCE/ CHEMISTRY/ CHYMOTRYPSIN/ DISULFIDES/ *GASTROINTESTINAL HORMONES/ GASTROINTESTINAL HORMONES, physiology/ HUMAN/ HYDROLYSIS/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES/ THERMOLYSIN/ TRYPSIN/ *UROGASTRONE/ UROGASTRONE, isolation & purification/ UROGASTRONE, physiology

3380. **Greig HB:** Oral contraceptives, anti-thrombin III and fibrinolytic activity in Africans. Acta Haematol (Basel) 58(3):138–44, 1977
AFRICA, SOUTHERN/ *ANTITHROMBINS, metabolism/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ CONTRACEPTIVES, ORAL, COMBINED/ CONTRACEPTIVES, ORAL, SYNTHETIC/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ NEGROID RACE/ NORGESTREL, pharmacodynamics

3381. **Greig RG, Jones MN, Ayad SR:** The electrophoretic properties and aggregation of mouse lymphoma cells, chinese-hamster fibroblasts and a somatic-cell hybrid. Biochem J 160(2):325–34, 15 Nov 76
BINDING SITES/ CALCIUM, pharmacodynamics/ *CELL AGGREGATION/ CELL LINE/ CELL MEMBRANE, physiology/ CELL MOVEMENT/ ELECTROPHORESIS/ FIBROBLASTS/ HYBRID CELLS/ HYDROGEN-ION CONCENTRATION/ LANTHANUM, pharmacodynamics/ LYMPHOMA/ MACROMOLECULAR SYSTEMS/ *SURFACE PROPERTIES/ TRYPSIN, pharmacodynamics

3382. **Grenda J, Skóra K, Szydłowski Z, et al:** Analiza urazowości tętnic w materiale własnym Pol Przegl Chir 48(12):1507–11, Dec 76 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ *ARTERIES, injuries/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ SHOCK, prevention & control/ TRANSPLANTATION, AUTOLOGOUS/ VEINS, transplantation

3383. **Grendahl H, Sivertssen E:** Pacemaker wires and electrodes. A follow-up study. Acta Med Scand [Suppl] (596):12–21, 1976
ARRHYTHMIA, therapy/ *ELECTRODES, IMPLANTED/ ENDOCARDIUM/ FOLLOW-UP STUDIES/ HEART BLOCK, therapy/ HUMAN/ *PACEMAKER, ARTIFICIAL/ PACEMAKER, ARTIFICIAL, adverse effects/ PACEMAKER, ARTIFICIAL, instrumentation/ PACEMAKER, ARTIFICIAL, methods/ SURGICAL WOUND INFECTION, etiology/ THROMBOEMBOLISM, etiology

3384. **Grenier JF, Dauchel J, Marescaux J, et al:** Hémorragies digestives par cavernome spléno-portal. Anastomose ovario-mésentérique. A propos de deux observations Chirurgie 102(8):683–9, 1976 (Eng. Abstr.) **(Fre)**
*ABDOMINAL NEOPLASMS, complications/ ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, complications/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ HYPERTENSION, PORTAL, etiology/ *HYPERTENSION, PORTAL, surgery/ *MESENTERIC VEINS, surgery/ *OVARY, blood supply/ *PORTAL VEIN/ *SPLENIC VEIN

3385. **Gresham GA:** Atherosclerosis: its causes and potential reversibility. Triangle 15(2–3):39–43, 1976 (18 ref.)
ANIMAL/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ BLOOD PLATELETS/ CHOLESTEROL, DIETARY, adverse effects/ HUMAN/ HYPERTENSION, complications/ LIPOPROTEINS, HDL, metabolism/ REMISSION/ REVIEW

3386. **Gressner AM, Greiling H:** The influence of glycosaminoglycans on the synthesis of polyphenylalanine by rat liver ribosomes. Hoppe Seylers Z Physiol Chem 358(1):69–78, Jan 77
ANIMAL/ CHONDROITIN SULFATES, pharmacodynamics/ *GLYCOSAMINOGLYCANS, pharmacodynamics/ HEPARIN, pharmacodynamics/ LIVER/ MAGNESIUM, pharmacodynamics/ MALE/ PEPTIDES, biosynthesis/ *PHENYLALANINE, biosynthesis/ POLY U, metabolism/ RATS/ *RIBOSOMAL PROTEINS, metabolism/ RIBOSOMES, drug effects/ *RIBOSOMES, metabolism/ RNA, TRANSFER, metabolism

3387. **Gressner AM, Pazen H, Greiling H:** The biosynthesis of glycosaminoglycans in normal rat liver and in response to experimental hepatic injury.
Hoppe Seylers Z Physiol Chem 358(7):825–33, Jul 77
*ACETAMIDES/ ACETAMIDES, pharmacodynamics/ ANIMAL/ GLUCOSAMINE, metabolism/ *GLYCOSAMINOGLYCANS, biosynthesis/ HEPARIN, biosynthesis/ HEPARITIN SULFATE, biosynthesis/ IN VITRO/ LIVER DISEASES, chemically induced/ LIVER DISEASES, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ RATS/ *THIOACETAMIDE/ THIOACETAMIDE, pharmacodynamics

3388. **Greten H:** Triglyceride catabolism in plasma. pp. 99–101.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974.
ANIMAL/ CHYLOMICRONS, blood/ HEPARIN, pharmacodynamics/ HUMAN/ HYPERLIPEMIA, enzymology/ LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, VLDL, blood/ MONOGRAPH/ *TRIGLYCERIDES, blood

3389. **Greten H, Laible V, Zipperle G, et al:** Comparison of assay methods for selective measurement of plasma lipase. The effect of clofibrate on hepatic and lipoprotein lipase in normals and patients with hypertriglyceridemia.
Atherosclerosis 26(4):563–72, Apr 77
ADOLESCENCE/ ADULT/ AGED/ *CLOFIBRATE, pharmacodynamics/

COMPARATIVE STUDY/ HUMAN/ HYPERLIPEMIA, blood/ HYPERLIPEMIA, drug therapy/ *HYPERLIPEMIA, enzymology/ *LIPASE, metabolism/ *LIPOPROTEIN LIPASE, blood/ *LIVER, enzymology/ METHODS/ MIDDLE AGE

3390. **Grgičevic D, Kovačic M, Pistotnik M, et al:** Prevention of venous thromboembolism with low doses of heparin in urologic patients. Urology 9(3):260–2, Mar 77
FEMALE/ HEMORRHAGE, occurrence/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ POSTOPERATIVE COMPLICATIONS, occurrence/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOEMBOLISM, drug therapy/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ *UROLOGIC DISEASES, surgery

3391. **Grgičevic D, Antos M, Pistotnik M, et al:** Promjene mehanizma koagulacije u bolesnika s kroničnom renalnom insuficijencijom na kroničnoj ili iterativnoj dijalizi. Lijec Vjesn 99(5):307–10, May 77 (Eng. Abstr.) **(Scr)**
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ *HEMODIALYSIS/ HUMAN/ *KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, therapy

3392. **Grgičevic D, Pistotnik M:** Mjesto plazmafereze u rješavanju nestašice krvnih komponenata. Lijec Vjesn 99(6):365–8, Jun 77 (Eng. Abstr.) **(Scr)**
BLOOD DONORS/ ENGLISH ABSTRACT/ HEMOPHILIA, therapy/ HUMAN/ *PLASMAPHERESIS

3393. **Grieco AJ:** Homocystinuria: pathogenetic mechanisms. Am J Med Sci 273(2):120–32, Mar–Apr 77 (123 ref.)
ANIMAL/ AZARIBINE, adverse effects/ BONE AND BONES, abnormalities/ CONVULSIONS, etiology/ CYSTATHIONINE BETA-SYNTHASE, deficiency/ CYSTATHIONINE, metabolism/ FOLIC ACID, metabolism/ HOMOCYSTEINE, metabolism/ HOMOCYSTINURIA, chemically induced/ HOMOCYSTINURIA, complications/ HOMOCYSTINURIA, diet therapy/ HOMOCYSTINURIA, drug therapy/ HOMOCYSTINURIA, enzymology/ *HOMOCYSTINURIA, etiology/ HOMOCYSTINURIA, metabolism/ HUMAN/ LENS, CRYSTALLINE, abnormalities/ MENTAL RETARDATION, etiology/ METABOLISM, INBORN ERRORS, complications/ METHIONINE, metabolism/ PYRIDOXINE, therapeutic use/ REVIEW/ SCHIZOPHRENIA, etiology/ THROMBOEMBOLISM, etiology/ VITAMIN B 12, metabolism

3394. **Grieco C, Silipo C, Vittoria A, et al:** Quantitative structure-activity relationships of chymotrypsin. On the predictive value of correlation equations. J Med Chem 20(4):586–8, Apr 77
ALDEHYDES, pharmacodynamics/ *CHYMOTRYPSIN, antagonists & inhibitors/ KINETICS/ MATHEMATICS/ STRUCTURE-ACTIVITY RELATIONSHIP

3395. **Griepp RB, Stinson EB, Bieber CP, et al:** Control of graft arteriosclerosis in human heart transplant recipients. Surgery 81(3):262–9, Mar 77
ADULT/ CALIFORNIA/ CORONARY DISEASE, etiology/ *CORONARY DISEASE, therapy/ DIET/ DIPYRIDAMOLE, administration & dosage/ FEMALE/ GRAFT REJECTION/ *HEART, transplantation/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNOSUPPRESSION/ MALE/ MIDDLE AGE/ RISK/ STATISTICS/ TIME FACTORS/ TRANSPLANTATION, ALLOGENEIC/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, administration & dosage

3396. **Griesenbeck K, Schuster G, Fernholz HJ:** The femoral artery–predilection site for iatrogenic vascular injuries. Causes and therapy. Acta Chir Belg 76(3):305–8, May–Jun 77
ANEURYSM, etiology/ ANEURYSM, surgery/ *ANGIOGRAPHY, adverse effects/ CATHETERIZATION, adverse effects/ CHILD, PRESCHOOL/ *FEMORAL ARTERY, injuries/ HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ *IATROGENIC DISEASE/ RUPTURE/ THROMBOSIS, etiology/ THROMBOSIS, surgery

3397. **Griffin JH, Cochrane CG:** Human factor XII (Hageman factor). Methods Enzymol 45:56–65, 1976
AMINO ACIDS, analysis/ ANIMAL/ BLOOD COAGULATION TESTS/ CHROMATOGRAPHY, AFFINITY/ ENZYME ACTIVATION/ *FACTOR XII/ FACTOR XII, isolation & purification/ FACTOR XII, physiology/ HUMAN/ METHODS/ MOLECULAR WEIGHT/ PREKALLIKREIN, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3398. **Griffin JH, Revak SD, Cochrane CG:** The Hageman factor system: mechanism of contact activation. pp. 371–89. In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (48 ref.)
ANAPHYLAXIS, physiopathology/ ANIMAL/ CAPILLARY PERMEABILITY/ ENZYME ACTIVATION/ ENZYME PRECURSORS, metabolism/ FACTOR XI/ *FACTOR XII, physiology/ FACTOR XII, metabolism/ FIBRIN, biosynthesis/ FIBRINOLYSIS/ HUMAN/ *INFLAMMATION, physiopathology/ KAOLIN, pharmacodynamics/ KINETICS/ KININOGENS, pharmacodynamics/ KININS, biosynthesis/ MOLECULAR WEIGHT/ MONOGRAPH/ PREKALLIKREIN, pharmacodynamics/ REVIEW/ STIMULATION, CHEMICAL/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3399. **Griffith EM:** Microfiltration of stored blood regardless of age of storage [letter]. Lancet 1(8019):1010, 7 May 77
BLOOD CELL COUNT/ BLOOD PLATELETS, cytology/ *BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ *FILTRATION, methods/ HUMAN/ *PLATELET AGGREGATION/ PULMONARY EMBOLISM, prevention & control/ TIME FACTORS

3400. **Griffith GL, Maull KI, Sachatello CR:** Septic pulmonary embolization. Surg Gynecol Obstet 144(1):105–8, Jan 77 (41 ref.)
ANIMAL/ HUMAN/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, therapy/ REVIEW/ *SEPTICEMIA, complications/ SEPTICEMIA, diagnosis/ SEPTICEMIA, therapy

3401. **Griffith LS, Bulkley BH, Hutchins GM, et al:** Occlusive changes at the coronary artery--bypass graft anastomosis. Morphologic study of 95 grafts.
J Thorac Cardiovasc Surg 73(5):668–79, May 77
ADULT/ AGED/ *AORTOCORONARY BYPASS, adverse effects/ ARTERIES, pathology/ *CORONARY DISEASE, pathology/ *CORONARY VESSELS, pathology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SAPHENOUS VEIN, pathology/ THROMBOSIS, pathology/ TRANSPLANTATION, AUTOLOGOUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VEINS, transplantation

3402. **Griffiths EC:** Peptidase inactivation of hypothalamic releasing hormones. Horm Res 7(3):179–91, 1976 (69 ref.)
ANIMAL/ BRAIN, enzymology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ KIDNEY, enzymology/ LIVER, enzymology/ LH-FSH RELEASING HORMONE, metabolism/ MUSCLES, enzymology/ MSH RELEASE INHIBITING HORMONE, metabolism/ PEPTIDE PEPTIDOHYDROLASES, blood/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PITUITARY GLAND, enzymology/ *PITUITARY HORMONE RELEASING HORMONES, metabolism/ REVIEW/ SOMATOTROPIN RELEASE INHIBITING HORMONE, metabolism/ THYROID HORMONES, pharmacodynamics/ THYROTROPIN RELEASING HORMONE, blood/ THYROTROPIN RELEASING HORMONE, metabolism

3403. **Griffiths EC, Hooper KC, Jeffcoate SL, et al:** Effect of

neonatal androgen on the activity of peptidases in the rat brain inactivating luteinizing hormone-releasing hormone. Horm Res 7(4–5):218–26, 1976
ANIMAL/ ANIMALS, NEWBORN/ BRAIN, drug effects/ *BRAIN, metabolism/ CEREBELLUM, metabolism/ CEREBRAL CORTEX, metabolism/ FEMALE/ HYPOTHALAMUS, metabolism/ KINETICS/ *LH-FSH RELEASING HORMONE, antagonists & inhibitors/ MALE/ ORGAN SPECIFICITY/ *PEPTIDE HYDROLASES, metabolism/ RATS/ SEX FACTORS/ TESTOSTERONE, analogs & derivatives/ TESTOSTERONE, pharmacodynamics/ THALAMUS, metabolism

3404. **Griffiths EC, Jeffcoate SL, Holland DT:** Inactivation of somatostatin by peptidases in different areas of the rat brain. Acta Endocrinol (Kbh) 85(1):1–10, May 77
ANIMAL/ *BRAIN, enzymology/ CEREBELLUM, enzymology/ CEREBRAL CORTEX, enzymology/ HYDROGEN-ION CONCENTRATION/ HYPOTHALAMUS, enzymology/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ RADIOIMMUNOASSAY/ RATS/ *SOMATOTROPIN RELEASE INHIBITING HORMONE, metabolism/ THALAMUS, enzymology/ TIME FACTORS

3405. **Griffiths MV, Fredrickson JM, Glynn MF:** Effect of a new antithrombotic agent at microvenous anastomotic sites. Arch Otolaryngol 103(6):318–21, Jun 77
ANIMAL/ COMPARATIVE STUDY/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ IMIDAZOLES, therapeutic use/ MALE/ MICROSURGERY/ *QUINAZOLINES, therapeutic use/ RABBITS/ THROMBOSIS, prevention & control/ *VEINS, surgery

3406. **Griffiths NJ, Woodford M, Irving MH:** Plasma fibrinolytic inhibitors after operation. Surg Gynecol Obstet 144(5):673–6, May 77
ADOLESCENCE/ ADULT/ AGED/ *ALPHA MACROGLOBULINS, metabolism/ *ALPHA 1-ANTITRYPSIN, metabolism/ FEMALE/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *SURGERY, OPERATIVE/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control

3407. **Griggs TR, Potter JS, McClanahan SB, et al:** Macromolecular factor VIII complex: functional and structural heterogeneity observed in von Willebrand swine with transfusion. Proc Natl Acad Sci USA 74(2):759–63, Feb 77
ANIMAL/ BLOOD TRANSFUSION/ *FACTOR VIII/ FACTOR VIII, physiology/ FEMALE/ KINETICS/ MALE/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND'S DISEASE, blood

3408. **Grignani G, Gamba G, Ascari E:** Cigarette-smoking effect on platelet function. Thromb Haemostas 37(3):423–8, 30 Jun 77
ADENOSINE DIPHOSPHATE/ ADULT/ AGED/ AGING/ *BLOOD PLATELETS, drug effects/ CEREBROVASCULAR DISORDERS, blood/ HUMAN/ MIDDLE AGE/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ *SMOKING

3409. **Grigor'ev MG, Pakhomov SP, Levin GIa:** Dinamika nekotorykh pokazateleĭ svertyvaiushcheĭ sistemy krovi i fibrinoliza v pozdnie periody ozhogovoĭ bolezni Ortop Travmatol Protez (10):39–43, Oct 76 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD COAGULATION/ BURNS, complications/ *BURNS, physiopathology/ CONVALESCENCE/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ SEPTICEMIA, physiopathology/ TIME FACTORS

3410. **Grigor'ev IuG, Daniiarov SB, Mirrakhimov MM, et al:** Klinicheskoe techenie radiatsionnogo porazheniia v usloviiakh vysokogor'ia Kosm Biol Aviakosm Med 10(6):51–4, Nov-Dec 76 (Eng. Abstr.) **(Rus)**
ACCLIMATIZATION/ *ALTITUDE/ ANIMAL/ BLOOD COAGULATION, radiation effects/ BLOOD, radiation effects/ BONE MARROW, radiation effects/ DOGS/ ENGLISH ABSTRACT/ KIRGHIZIA/ RADIATION DOSAGE/ *RADIATION INJURIES, EXPERIMENTAL, physiopathology

3411. **Grigor'eva MA:** Sravnitel'noe izuchenie antigennogo stroeniia kozhi cheloveka i ee fraktsiĭ, razdelennykh fermentativnym sposobom Vestn Dermatol Venerol (9):24–8, Sep 76 (Eng. Abstr.) **(Rus)**
*ANTIGENS, analysis/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ GEL DIFFUSION TESTS, methods/ HUMAN/ ORGAN SPECIFICITY/ *SKIN, immunology/ TRYPSIN, diagnostic use

3412. **Grigorian AV, Tolstykh PI, Gostishchev VK, et al:** Stimuliatsiia zazhivleniia i profilaktika nagnoenii operatsionnykh ran Sov Med (12):30–4, Dec 76 (Eng. Abstr.) **(Rus)**
ABDOMEN/ ANIMAL/ COLLAGEN, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ RATS/ SUPPURATION, prevention & control/ *SURGICAL WOUND INFECTION, drug therapy/ SURGICAL WOUND INFECTION, prevention & control/ TRYPSIN, therapeutic use/ URACIL, analogs & derivatives/ *WOUND HEALING, drug effects

3413. **Grigorian AV, Khanin AG, Myliaev LF, et al:** Vliianie protelinta na techenie khirurgicheskoĭ infektsii i zazhivlenie ran miagkikh tkaneĭ. Vestn Khir 119(7):15–9, Jul 77 (Eng. Abstr.) **(Rus)**
ADULT/ ANTIBIOTICS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, pharmacodynamics/ *PEPTIDE HYDROLASES, therapeutic use/ *SURGICAL WOUND INFECTION, drug therapy/ *WOUND HEALING, drug effects

3414. **Grigorian SS, Kameneva MV, Shakhnazarov AA, et al:** Ob odnom gidrodinamicheskom svoĭstve plazmy krovi cheloveka Dokl Akad Nauk SSSR 231(2):307–8, 1976 **(Rus)**
ABO BLOOD-GROUP SYSTEM/ BIOPOLYMERS/ BLOOD VISCOSITY/ *HEMODYNAMICS/ HUMAN/ IN VITRO/ PLASMA

3415. **Grigor'ian VA, Furtel' VA:** Sostoianie koaguliruiushcheĭ sistemy krovy bol'nykh revmatizmom pri primenenii nerobola Vrach Delo (4):74–5, Apr 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *METHANDROSTENOLONE, pharmacodynamics/ MIDDLE AGE/ *RHEUMATISM, blood/ RHEUMATISM, drug therapy

3416. **Grigor'ian VA, Prishliak VD:** Nefroticheskiĭ sindrom na pochve tromboza pochechnykh ven Klin Med (Mosk) 55(3):130–1, Mar 77 **(Rus)**
CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ NEPHROTIC SYNDROME, diagnosis/ *NEPHROTIC SYNDROME, etiology/ *RENAL VEINS/ *THROMBOSIS, complications

3417. **Grillo OC, Quartarone F:** Effetto della conservazione del siero sul dosaggio dei trigliceridi e del colesterolo Quad Sclavo Diagn 12(1):10–4, Mar 76 (Eng. Abstr.) **(Ita)**
*BLOOD PRESERVATION/ *CHOLESTEROL, blood/ ENGLISH ABSTRACT/ HUMAN/ TIME FACTORS/ *TRIGLYCERIDES, blood

3418. **Grimaldi JJ, Boileau S, Lehn J:** Light-driven, carrier-mediated electron transfer across artificial membranes. Nature 265(5591):229–30, 20 Jan 77
*ELECTRON TRANSPORT/ FERROUS COMPOUNDS/ *LIGHT/ *MEMBRANES, ARTIFICIAL/ NAPHTHOQUINONES/ ORGANOMETALLIC COMPOUNDS/ OXIDATION-REDUCTION/ VITAMIN K

3419. **Grimard M:** Evidence for high-molecular weight active peptides originating from porcine plasmin autolysis. Biochimie 58(11–12):1409–12, 1976
ANIMAL/ ENZYME ACTIVATION/

*FIBRINOLYSIN/ FIBRINOLYSIN, isolation & purification/ FIBRINOLYSIN, metabolism/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS/ *PLASMINOGEN/ PLASMINOGEN, isolation & purification/ PLASMINOGEN, metabolism/ SWINE/ UROKINASE, metabolism

3420. **Grime JK, Lockhart K, Tan B:** The enthalpimetric determination of the Michaelis constant of the alpha-chymotrypsin-catalysed hydrolysis of N-acetyl-l-tyrosine ethyl ester based on the integrated Michaelis--Menten equation. Anal Chim Acta 91(2):245-50, Jul 77
CATALYSIS/ *CHYMOTRYPSIN, metabolism/ KINETICS/ METHODS/ *TYROSINE, analogs & derivatives

3421. **Grimmer O, Fagerhol MK:** Immunoelectrophoretic quantitation of antithrombin III. Electroimmunodiffusion in agarose gels containing heparin.
Int J Pept Protein Res 9(2):85-90, 1977
*ANTITHROMBINS, analysis/ CITRATES/ EDTA/ GEL DIFFUSION TESTS/ HEPARIN/ HUMAN/ *IMMUNOELECTROPHORESIS, methods/ SEPHAROSE/ TIME FACTORS

3422. **Grinberg NB, Ivanova AV:** Opyt dlitel'nogo kliniko-dispansernogo lecheniia bol'nykh sistemnoĭ sklerodermieĭ Ter Arkh 48(6):115-9, 1976 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ COMPARATIVE STUDY/ *CYCLOPHOSPHAMIDE, therapeutic use/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *PREDNISOLONE, therapeutic use/ *SCLERODERMA, SYSTEMIC, drug therapy

3423. **Grinblat AI:** Mekhanizm obrazovaniia svernuvshegosia gemotoraksa posle pnevmonéktomii Khirurgiia (Mosk) (5):75-8, May 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION/ DOGS/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *HEMOTHORAX, etiology/ HEMOTHORAX, physiopathology/ HUMAN/ PLEURAL EFFUSION, physiopathology/ *PNEUMONECTOMY, adverse effects/ PNEUMONECTOMY, methods

3424. **Grinblat J, Mammon Z, Lewitus Z, et al:** Chronic myelogenous leukemia with elevated leukocyte alkaline phosphatase, positive indirect Coombs' test, neutrophilic leukocytosis and unusual cytogenetical findings.
Acta Haematol (Basel) 57(5):298-304, 1977
ADULT/ *ALKALINE PHOSPHATASE, blood/ ANEMIA, blood/ CASE REPORT/ CHROMOSOMES, HUMAN, 21-22/ COOMBS' TEST/ FEMALE/ HUMAN/ *LEUKEMIA, MYELOCYTIC, blood/ LEUKEMIA, MYELOCYTIC, enzymology/ LEUKEMIA, MYELOCYTIC, familial & genetic/ *LEUKOCYTES, enzymology/ *LEUKOCYTOSIS, etiology/ *NEUTROPHILS/ *THROMBOCYTOSIS, etiology/ TRANSLOCATION (GENETICS)

3425. **Grindle CF, Buskard NA, Newman DL:** Hyperviscosity retinopathy. A scientific approach to therapy.
Trans Ophthalmol Soc UK 96(2):216-9, Jul 76
AGED/ *BLOOD VISCOSITY/ FEMALE/ HUMAN/ IGM, analysis/ MACROGLOBULINEMIA, blood/ *MACROGLOBULINEMIA, therapy/ PLASMAPHERESIS/ REGIONAL BLOOD FLOW/ RETINAL DISEASES, blood/ *RETINAL DISEASES, therapy/ RETINAL VESSELS, physiopathology

3426. **Grinnell F:** Cell spreading factor. Occurrence and specificity of action. Exp Cell Res 102(1):51-62, 1 Oct 76
ANTIBODIES/ *BLOOD/ CALCIUM, pharmacodynamics/ CELL ADHESION, drug effects/ CELL LINE/ CELL MEMBRANE, immunology/ *CELL MOVEMENT/ CELL MOVEMENT, drug effects/ COMPARATIVE STUDY/ CONCANAVALIN A, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ GAMMA GLOBULINS, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ MODELS, BIOLOGICAL/ PEPTIDE HYDROLASES, antagonists & inhibitors/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3427. **Grinnell F:** Biochemical analysis of cell adhesion to a substratum and its possible relevance to cell metastasis.
Prog Clin Biol Res 9:227-36, 1976
ANIMAL/ CATIONS, DIVALENT/ *CELL ADHESION/ CELL ADHESION, drug effects/ CELL AGGREGATION, drug effects/ CELL LINE/ CULTURE MEDIA/ CYTOCHALASIN B, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ *NEOPLASM METASTASIS/ OSMOLAR CONCENTRATION/ SERUM ALBUMIN, BOVINE/ TEMPERATURE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3428. **Gripon JC, Rhee SH, Hofmann T:** N-terminal amino acid sequences of acid proteases: acid proteases from Penicillium roqueforti and Rhizopus chinensis and alignment with penicillopepsin and mammalian proteases.
Can J Biochem 55(5):504-6, May 77
AMINES/ AMINO ACID SEQUENCE/ HUMAN/ *PENICILLIUM, enzymology/ PEPSIN, analysis/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ RENNIN, analysis/ *RHIZOPUS, enzymology/ SWINE

3429. **Grisar JM, Claxton GP, Stewart KT, et al:** (2-Piperidine)- and (2-pyrrolidine)ethanones and -ethanols as inhibitors of blood platelet aggregation. J Med Chem 19(10):1195-201, Oct 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ALCOHOL, ETHYL, analogs & derivatives/ ALCOHOL, ETHYL, chemical synthesis/ ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL/ BLOOD PLATELETS, drug effects/ CHOLESTADIENOLS, blood/ CHOLESTEROL, blood/ DEPRESSION, CHEMICAL/ DOGS/ GUINEA PIGS/ HUMAN/ IN VITRO/ MALE/ PIPERIDINES, chemical synthesis/ *PIPERIDINES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3, metabolism/ PYRROLIDINES, chemical synthesis/ *PYRROLIDINES, pharmacodynamics/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP

3430. **Grisolia S, Rivas J, Wallace R, et al:** Inhibition of proteolysis of cytosol proteins by lysosomal proteases and of mitochondria of rat liver by antibiotics.
Biochem Biophys Res Commun 77(1):367-73, 11 Jul 77
ANIMAL/ *CHLORAMPHENICOL, pharmacodynamics/ *CYCLOHEXIMIDE, pharmacodynamics/ CYTOSOL, drug effects/ CYTOSOL, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *LIVER, metabolism/ *LYSOSOMES, enzymology/ MALE/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *PROTEINS, metabolism/ RATS/ *STREPTOMYCIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3431. **Gritsiuk AI, Shchigel'skiĭ VI:** Gemokoaguliatsiia i vyrazhennost' predtromboticheskogo sostoianiia u bol'nykh koronarnym aterosklerozom v usloviiakh funktsional'noĭ proby s lokal'nym venoznym zastoem Ter Arkh 48(4):19-29, 1976 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ THROMBELASTOGRAPHY, methods/ *THROMBOSIS, blood/ TOURNIQUETS

3432. **Gritsiuk AI, Mamedov MB, Shchigel'skiĭ VI:** Koagulologicheskaia kharakteristika razlichnykh stadiĭ khronicheskoĭ nedostatochnosti krovoobrashcheniia pri ateroskleroticheskom kardioskleroze Kardiologiia 16(12):25-32, Dec 76 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION/ CHRONIC DISEASE/ CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *HEART FAILURE,

CONGESTIVE, blood/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ THROMBELASTOGRAPHY

3433. **Gritsiuk AI, Petrus' VG:** Tromboémbolii i razryvy serdtsa pri infarkte miokarda Kardiologiia 17(2):54–9, 1977 (Eng. Abstr.) **(Rus)**
AGED/ AUTOPSY/ ENGLISH ABSTRACT/ FEMALE/ *HEART DISEASES, etiology/ HEART DISEASES, occurrence/ HEART DISEASES, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, pathology/ RUPTURE, SPONTANEOUS, etiology/ RUPTURE, SPONTANEOUS, occurrence/ RUPTURE, SPONTANEOUS, pathology/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, occurrence/ THROMBOEMBOLISM, pathology

3434. **Grmoljez PF, Donovan JF, Willman VL:** Traumatic inferior vena caval obstruction. J Trauma 16(9):746–8, Sep 76
CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, surgery/ *VENA CAVA, INFERIOR, injuries/ VENA CAVA, INFERIOR, surgery

3435. **Groc W, Lahn W:** Investigation of the apparent delay in mobility of albumin, alpha-1-antitrypsin, haptoglobin 1-1 and fibrinogen in electroimmunodiffusion. J Immunol Methods 12(3–4):227–36, 1976
ALBUMINS, immunology/ *ALBUMINS, physiology/ *ANTIGEN-ANTIBODY COMPLEX/ FIBRINOGEN, immunology/ *FIBRINOGEN, physiology/ GEL DIFFUSION TESTS/ HAPTOGLOBINS, immunology/ *HAPTOGLOBINS, physiology/ *IMMUNOELECTROPHORESIS

3436. **Grollman JH Jr, Webber MM, Gomes AS:** Phlebography and radionuclide clot localization in the lower extremities. Radiol Clin North Am 14(2):371–85, Aug 76
CONTRAST MEDIA, administration & dosage/ FIBRINOGEN, diagnostic use/ HUMAN/ ILIAC VEIN, radiography/ IODINE ISOTOPES, DIAGNOSTIC/ *LEG, blood supply/ *PHLEBOGRAPHY/ PHLEBOGRAPHY, adverse effects/ PHLEBOGRAPHY, methods/ POPLITEAL VEIN, radiography/ TECHNETIUM, diagnostic use/ *THROMBOPHLEBITIS, diagnosis/ THROMBOSIS, radiography/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VENA CAVA, INFERIOR, radiography

3437. **Grollman JH Jr, Gray RK:** Technique for transjugular placement of an umbrella filter in a left inferior vena cava. Cathet Cardiovasc Diagn 2(4):419–22, 1976
*FILTRATION, instrumentation/ HEART CATHETERIZATION/ HUMAN/ *PULMONARY EMBOLISM, prevention & control/ *VENA CAVA, INFERIOR/ VENA CAVA, INFERIOR, radiography

3438. **Grondin P, Lussier J, Paiement B:** Techniques, intérêts et limites de l'hémodilution dans la circulation extra-corporelle Ann Anesthesiol Fr 17(12):1333–42, 1976 (Eng. Abstr.) **(Fre)**
BLOOD VISCOSITY, drug effects/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION, methods/ *HEART SURGERY, methods/ HUMAN/ *PLASMA SUBSTITUTES/ PLASMA SUBSTITUTES, adverse effects

3439. **Gross M:** Control of protein synthesis by hemin. Isolation and characterization of a supernatant factor from rabbit reticulocyte lysate. Biochim Biophys Acta 447(4):445–59, 1 Nov 76
ANIMAL/ BLOOD PROTEINS, isolation & purification/ *BLOOD PROTEINS, physiology/ GLUTATHIONE, pharmacodynamics/ *HEME, analogs & derivatives/ *HEMIN, physiology/ KINETICS/ MOLECULAR WEIGHT/ PEPTIDE CHAIN INITIATION, drug effects/ PEPTIDE INITIATION FACTORS/ POLY I-C, pharmacodynamics/ RABBITS/ *RETICULOCYTES, physiology/ *TRANSLATION, GENETIC/ TRANSLATION, GENETIC, drug effects/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3440. **Gross M, Whetzel NK, Folk JE:** Amine binding sites in acyl intermediates of transglutaminases. Human blood plasma enzyme (activated coagulation factor XIII) and guinea pig liver enzyme. J Biol Chem 252(11):3752–9, 10 Jun 77
*AMINES, metabolism/ ANIMAL/ BINDING SITES/ *FACTOR XIII, metabolism/ *GLUTAMYL TRANSPEPTIDASE, metabolism/ GUINEA PIGS/ HUMAN/ KINETICS/ LIVER, enzymology/ METHYLAMINES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

3441. **Gross P:** Les angiomes du nourrisson. Rev Infirm 27(7):601–5, Jul-Sep 77 **(Fre)**
*HEMANGIOMA/ HEMANGIOMA, classification/ HEMANGIOMA, CAVERNOUS/ HUMAN/ INFANT/ *SKIN NEOPLASMS/ SKIN NEOPLASMS, classification

3442. **Grosshans E, Waeckel M, Provencher D:** Hémangiomes caverneux tardifs, thrombocytopénie et glomérulonéphrite azotémique Ann Dermatol Venereol 104(1):71–2, Jan 77 **(Fre)**
CASE REPORT/ *GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, pathology/ *HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *SKIN NEOPLASMS, complications/ *THROMBOPENIA, complications/ THROMBOPENIA, pathology/ *UREMIA, complications/ UREMIA, pathology

3443. **Grossman MB, Friedman IH, Wolff WI:** Laparoscopic diagnosis of abdominal wall hematoma. Gastrointest Endosc 23(2):93, Nov 76
*ABDOMINAL WALL/ ADULT/ CASE REPORT/ FEMALE/ *HEMATOMA, diagnosis/ HUMAN/ *LAPAROSCOPY

3444. **Grossman SH:** A note on the dual role of glucose in the protection of glucokinase against inactivation. Biochim Biophys Acta 452(2):392–7, 8 Dec 76
ANIMAL/ DRUG STABILITY/ *GLUCOKINASE, metabolism/ *GLUCOSE, pharmacodynamics/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HEXOKINASE, metabolism/ KINETICS/ LIVER, enzymology/ PROTEIN DENATURATION/ PYRUVATE KINASE, metabolism/ RATS/ SORBITOL, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREA, pharmacodynamics

3445. **Grossmann K, Ritter H, Hofmann E:** Plethysmographische Untersuchungen beim postthrombotischen Syndrom Z Gesamte Inn Med 31(22):937–41, 15 Nov 76 (Eng. Abstr.) **(Ger)**
BLOOD CIRCULATION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ PLETHYSMOGRAPHY/ SYNDROME/ THROMBOPHLEBITIS, pathology/ *THROMBOPHLEBITIS, physiopathology/ VARICOSE VEINS, physiopathology

3446. **Grosso F, Vetrò A:** Il trattamento delle varici degli arti inferiori con una nuova associazione farmacologica: emotripsin Atti Accad Med Lomb 30(1–3):161–4, 1975 **(Ita)**
ADULT/ AGED/ *ASCORBIC ACID, therapeutic use/ CHYMOTRYPSIN, therapeutic use/ DRUG COMBINATIONS/ DRUG EVALUATION/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PROMETHAZINE, therapeutic use/ *TRYPSIN, therapeutic use/ *VARICOSE VEINS, drug therapy

3447. **Grote W, Schulz LC, Drommer W, et al:** Überprüfung einer Kombination der Wirkstoffe Cumarin und Troxerutin auf embryotoxische und teratogene Nebenwirkungen an Göttinger Miniaturschweinen Arzneim Forsch 27(3):613–7, 1977 (Eng. Abstr.) **(Ger)**
ANIMAL/ COUMARINS, administration & dosage/ *COUMARINS, adverse effects/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ *FETAL DEATH, chemically induced/ *HYDROXYETHYLRUTOSIDE, analogs & derivatives/ HYDROXYETHYLRUTOSIDE, administration & dosage/ HYDROXYETHYLRUTOSIDE, adverse effects/ MATERNAL-FETAL EXCHANGE/

PREGNANCY/ *RUTIN, analogs & derivatives/ SWINE/ *TERATOGENS

3448. **Grotte G, Jacobson S, Wretlind A:** Possibilities and limits of intravenous fat emulsions. pp. 47–73.
In: Manni C, ET AL., ED. Total parental alimentation. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.367 1976. (84 ref.)
ADULT/ ANTIBODY FORMATION, drug effects/ BLOOD COAGULATION, drug effects/ CHILD/ CHYLOMICRONS, metabolism/ EGG YOLK/ EMULSIONS/ ENERGY METABOLISM/ *FATS, administration & dosage/ FATS, pharmacodynamics/ FATTY ACIDS, ESSENTIAL, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ GROWTH/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIPIDS, metabolism/ LONG TERM CARE/ MONOGRAPH/ NUTRITIONAL REQUIREMENTS/ OSMOLAR CONCENTRATION/ *PARENTERAL FEEDING/ *PARENTERAL HYPERALIMENTATION/ PARENTERAL HYPERALIMENTATION, methods/ PULMONARY DIFFUSING CAPACITY, drug effects/ RETICULOENDOTHELIAL SYSTEM, drug effects/ REVIEW/ SOY BEANS

3449. **Grotz J:** Erfahrungen mit einer hochdosierten Heparinoid-Salbe (Hirudoid 40000) Med Monatsschr 30(12):565–6, Dec 76 **(Ger)**
ADULT/ AGED/ FEMALE/ *HEPARINOID, administration & dosage/ HEPARINOID, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ OINTMENTS/ *PHLEBITIS, drug therapy

3450. **Groves MJ, Galindez FE:** The effect of environmental conditions on the release of brompheniramine from protein/wax matrix tablets. Acta Pharm Suec 13(4):373–84, 1976
*BROMPHENIRAMINE/ CASEIN/ ENVIRONMENT/ HYDROGEN-ION CONCENTRATION/ PEPSIN/ *PYRIDINES/ SOLUBILITY/ TABLETS/ TRYPSIN/ WAXES

3451. **Grozdov DM, Tsepa LS, Poloterov ID, et al:** Itogi nauchnykh issledovanii, provodimykh v Tsentral'nom Institute Gematologii i Perelivaniia Krovi, po gematologicheskoĭ khirurgii Probl Gematol Pereliv Krovi 21(4):3–9, Apr 76 **(Rus)**
ACADEMIES AND INSTITUTES/ *ANEMIA, therapy/ HEMATOLOGY/ *HEMOPHILIA, therapy/ HUMAN/ MOSCOW/ *PURPURA, THROMBOPENIC, therapy/ *SPLENECTOMY

3452. **Gruber UF, Hohl M, Sturm V:** Intra- und postoperative Thromboseprophylaxe Klin Anaesthesiol Intensivther 9:17–35, 1975 **(Ger)**
COUMARINS, therapeutic use/ DEXTRAN, therapeutic use/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control/ TIME FACTORS/ XANTHINOL NIACINATE, therapeutic use

3453. **Gruber UF, Duckert F, Fridrich R, et al:** Prevention of postoperative thromboembolism by dextran 40, low doses of heparin, or xantinol nicotinate. Lancet 1(8005):207–10, 29 Jan 77
ADMINISTRATION, ORAL/ ADULT/ AGED/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *DEXTRAN, administration & dosage/ DEXTRAN, therapeutic use/ DRUG EVALUATION/ FEMALE/ FOLLOW-UP STUDIES/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, mortality/ *PULMONARY EMBOLISM, prevention & control/ *THEOPHYLLINE, analogs & derivatives/ *THROMBOPHLEBITIS, prevention & control/ *XANTHINOL NIACINATE, administration & dosage/ XANTHINOL NIACINATE, therapeutic use

3454. **Gruber UF:** Macromolécules et prévention de la maladie thrombo-embolique post-opératoire
Anesth Analg (Paris) 3(4):585–92, Jul-Aug 76 **(Fre)**
*ANTICOAGULANTS, therapeutic use/ COUMARINS, therapeutic use/ DEXTRAN, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *MACROMOLECULAR SYSTEMS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ SOLUTIONS/ *THROMBOEMBOLISM, prevention & control

3455. **Gruber UF, Duckert F, Fridrich R, et al:** Prevention of fatal postoperative pulmonary embolism by low-dose heparin [letter]. Lancet 1(8017):898, 23 Apr 77
CLINICAL RESEARCH/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PULMONARY EMBOLISM, prevention & control/ SWITZERLAND

3456. **Gruber UF:** Clinical research in thromboembolism: what is important for the urologist? [editorial] Urol Res 5(2):49–50, 20 Jun 77
HUMAN/ MALE/ PROSTATECTOMY, adverse effects/ *THROMBOEMBOLISM/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, prevention & control

3457. **Gruber UF:** Wirkungsmechanismus der Dextranprophylaxe Ther Umsch 34(5):338–40, May 77 (Eng. Abstr.) **(Ger)**
BLOOD VISCOSITY, drug effects/ *DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ HUMAN/ PLATELET AGGREGATION, drug effects/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

3458. **Gruber UF:** Thromboseprophylaxe in der Chirurgie Ther Umsch 34(5):356–62, May 77 (Eng. Abstr.) **(Ger)**
ADULT/ ANTICOAGULANTS, administration & dosage/ DEXTRAN, administration & dosage/ ENGLISH ABSTRACT/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ *SURGERY, OPERATIVE/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control

3459. **Gruffaz J:** La maladie post-phlébitique et son traitement Rev Prat 27(21):1349–52, 1357–8, 1361–2, 11 Apr 77 (28 ref.) (Eng. Abstr.) **(Fre)**
ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION/ EDEMA, etiology/ EDEMA, therapy/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ LEG DERMATOSES, etiology/ LEG DERMATOSES, therapy/ LEG, radiography/ REVIEW/ SKIN ULCER, etiology/ SKIN ULCER, therapy/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, physiopathology/ THROMBOPHLEBITIS, radiography/ VARICOSE VEINS, etiology/ VARICOSE VEINS, therapy

3460. **Grumme T, Meese W, Lange S:** Die axiale Computer-Tomographie des Schädels (CT-SCAN) in der Neuropädiatrie Monatsschr Kinderheilkd 124(11):751–62, Nov 76 (Eng. Abstr.) **(Ger)**
BRAIN ABSCESS, diagnosis/ BRAIN EDEMA, diagnosis/ BRAIN INJURIES, ACUTE, diagnosis/ BRAIN NEOPLASMS, diagnosis/ CEREBRAL HEMORRHAGE, diagnosis/ CHILD/ ENCEPHALITIS, diagnosis/ ENCEPHALOMALACIA, diagnosis/ ENGLISH ABSTRACT/ HEMANGIOMA, diagnosis/ HUMAN/ HYDROCEPHALUS, diagnosis/ ORBIT/ *SKULL/ SUBDURAL EFFUSION, diagnosis/ *TOMOGRAPHY, COMPUTERIZED AXIAL

3461. **Grundmann R, Pichlmaier H:** Möglichkeiten der Blutersparnis bei Leberresektion Chirurg 48(4):232–7, Apr 77 (Eng. Abstr.) **(Ger)**
BLOOD TRANSFUSION, AUTOLOGOUS, methods/ BLOOD VISCOSITY/ CRYOGENIC SURGERY/ ENGLISH ABSTRACT/ *HEMOSTATIC TECHNICS/ *HEPATECTOMY, methods/ HUMAN/ LASER COAGULATION/ LIVER NEOPLASMS, surgery/ LIVER REGENERATION/ PLASMA SUBSTITUTES, administration & dosage/ PORTACAVAL ANASTOMOSIS/ PREOPERATIVE CARE/ SUTURE TECHNICS

3462. **Grundy MF, Craven ER:** Consumption coagulopathy after intra-amniotic urea. Br Med J 2(6037):677–8, 18 Sep 76

ABORTION, INDUCED/ ADULT/ AMNION/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ FEMALE/ HUMAN/ INJECTIONS/ PREGNANCY/ UREA, administration & dosage/ *UREA, adverse effects

3463. **Grunevska B, Velkova-Simova N:** The correlation of the haemostatic disorder, clinical-biochemical state and treatment in patients with hepatic coma complicated acute viral hepatitis. God Zb Med Fak Skopje 22:149-57, 1976
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ CHILD/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ *HEMOSTASIS/ *HEPATIC COMA, blood/ HEPATIC COMA, complications/ *HEPATITIS, VIRAL, HUMAN, blood/ HEPATITIS, VIRAL, HUMAN, complications/ HUMAN/ MALE/ PREGNANCY/ PROGNOSIS

3464. **Grunkemeier GL, Thomas DR, Starr A:** Statistical considerations in the analysis and reporting of time-related events. Application to analysis of prosthetic valve-related thromboembolism and pacemaker failure.
Am J Cardiol 39(2):257-8, Feb 77
COMPARATIVE STUDY/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ *MITRAL VALVE, surgery/ MODELS, BIOLOGICAL/ *PACEMAKER, ARTIFICIAL, adverse effects/ *REGRESSION ANALYSIS/ RISK/ *STATISTICS/ *THROMBOEMBOLISM, occurrence/ TIME FACTORS

3465. **Grunow JE, Lubet RA, Ferguson MJ, et al:** Preferential decrease in thymus dependent lymphocytes during storage at 4 C in anticoagulant. Transfusion 16(6):610-5, Nov-Dec 76
*ANTICOAGULANTS, pharmacodynamics/ B-LYMPHOCYTES/ *BLOOD PRESERVATION/ CELL SEPARATION/ CENTRIFUGATION, DENSITY GRADIENT/ CITRATES, pharmacodynamics/ COLD/ GLUCOSE, pharmacodynamics/ HUMAN/ IMMUNOLOGIC TECHNICS/ LEUKOCYTE COUNT/ PHOSPHATES, pharmacodynamics/ *T-LYMPHOCYTES/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3466. **Gruppo RA, Glueck HI, Granger SM, et al:** Platelet function in sickle cell anemia. Thromb Res 10(3):235-35, Mar 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADOLESCENCE/ ADULT/ *ANEMIA, SICKLE CELL, blood/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ CHILD/ CHILD, PRESCHOOL/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3, analysis/ SEROTONIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3467. **Gruss JD, Bartels D, Stojanovic R, et al:** Chirurgische Behandlungsmöglichkeiten beim postthrombotischen Syndrom Zentralbl Chir 101(25):1551-7, 1976 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ARTERIOVENOUS SHUNT, SURGICAL, methods/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMORAL VEIN, surgery/ HUMAN/ POPLITEAL VEIN, surgery/ SAPHENOUS VEIN, surgery/ SYNDROME/ THROMBOSIS, complications/ *THROMBOSIS, surgery/ TRANSPLANTATION, ALLOGENEIC/ VEINS, transplantation

3468. **Gruss JD:** Traitement du syndrome post-thrombotique: une modification du bypass fémoral de May J Chir (Paris) 113(3):39-42, 1977 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ *FEMORAL VEIN/ FOLLOW-UP STUDIES/ HUMAN/ *LEG, blood supply/ METHODS/ *SAPHENOUS VEIN, surgery/ *THROMBOPHLEBITIS, surgery

3469. **Grygalewicz J:** Znaczenie wykrywania zaburzeń krzepnięcia i fibrynolizy u dzieci z zakażeniem o ciężkim przebiegu Pediatr Pol 52(3):285-92, Mar 77 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ AGE FACTORS/ BACTERIAL INFECTIONS, blood/ *BACTERIAL INFECTIONS, complications/ *BLOOD COAGULATION DISORDERS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ INFANT, NEWBORN

3470. **Gryglewski RJ:** Prostaglandin and thromboxane biosynthesis inhibitors. Naunyn Schmiedebergs Arch Pharmacol 297 Suppl 1:S85-8, 31 Mar 77
ANIMAL/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ BLOOD PLATELETS, metabolism/ HUMAN/ HYDROXY ACIDS, antagonists & inhibitors/ *HYDROXY ACIDS, biosynthesis/ *INDOLES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ *PROSTAGLANDIN ANTAGONISTS, pharmacodynamics/ PYRANS, antagonists & inhibitors/ *PYRANS, biosynthesis/ PYRIDINES, pharmacodynamics/ RABBITS

3471. **Gryglewski RJ, Zmuda A, Dembińska-Kiec A, et al:** A potent inhibitor of thromboxane A2 biosynthesis in aggregating human blood platelets. Pharmacol Res Commun 9(2):109-16, Feb 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ AGED/ ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ DEPRESSION, CHEMICAL/ FEMALE/ HUMAN/ *HYDROXY ACIDS, blood/ IN VITRO/ *INDOLES, pharmacodynamics/ INDOMETHACIN, pharmacodynamics/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION, drug effects/ *PYRANS, blood/ PYRIDINES, pharmacodynamics

3472. **Gryglewski RJ, Zmuda A, Korbut R, et al:** Selective inhibition of thromboxane A2 biosynthesis in blood platelets. Nature 267(5612):627-8, 16 Jun 77
ANIMAL/ BIOLOGICAL ASSAY/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CATTLE/ HORSES/ *HYDROXY ACIDS, blood/ *INDOLES, pharmacodynamics/ MALE/ MICROSOMES, enzymology/ *PLATELET AGGREGATION, drug effects/ PROSTAGLANDIN SYNTHASE, antagonists & inhibitors/ *PYRANS, blood/ PYRIDINES, pharmacodynamics/ RABBITS/ SEMINAL VESICLES, ultrastructure/ SHEEP

3473. **Gschwend J:** Die Ovulationshemmer aus neurologischer Sicht Schweiz Med Wochenschr 106(19):644-7, May 76 (Eng. Abstr.) **(Ger)**
ADULT/ ASPIRIN, therapeutic use/ *CEREBROVASCULAR DISORDERS, chemically induced/ CEREBROVASCULAR DISORDERS, prevention & control/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ ENGLISH ABSTRACT/ ESTROGENS, adverse effects/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOSIS, chemically induced/ THROMBOSIS, prevention & control

3474. **Guccione MA, Packham MA, Kinlough-Rathbone RL, et al:** Reactions of polylysine with human platelets in plasma and in suspensions of washed platelets.
Thromb Haemostas 36(2):360-75, 30 Nov 76
ALBUMINS/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CATIONS, DIVALENT/ CITRATES/ COMPARATIVE STUDY/ EDTA/ GELATIN/ HIRUDIN/ HUMAN/ IN VITRO/ *PEPTIDES, pharmacodynamics/ PLASMA/ PLATELET AGGREGATION, drug effects/ *POLYLYSINE, pharmacodynamics/ SEROTONIN, blood/ SOLUTIONS

3475. **Guckian JC:** Coagulopathy in experimental sepsis with Streptococcus pneumoniae in rabbits: effect of drug therapy and splenectomy. J Infect Dis 134(2):150-7, Aug 76
ANIMAL/ ANTIBIOTICS, therapeutic use/ BLOOD COAGULATION TESTS/ *DISEASE MODELS, ANIMAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ DISSEMINATED INTRAVASCULAR COAGULATION, surgery/ ESTERASES, blood/ FIBRINOGEN, metabolism/ *PNEUMOCOCCAL INFECTIONS/ RABBITS/ *SEPTICEMIA/

*SPLENECTOMY/ TOSYLARGININE METHYL ESTER, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3476. **Guerre J, Duflo B, Bourdin Y, et al:** Lésions médicamenteuses de l'estomac et du duodénum. Etude de 100 cas Ann Med Interne (Paris) 127(8–9):673–6, AUG–SEP 76 **(Fre)**
ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ ANALGESICS AND ANTIPYRETICS, adverse effects/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTI-INFLAMMATORY AGENTS, adverse effects/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ ASPIRIN, adverse effects/ ASPIRIN, therapeutic use/ CYCLOPHOSPHAMIDE, adverse effects/ CYCLOPHOSPHAMIDE, therapeutic use/ *DRUG THERAPY, adverse effects/ *DUODENAL DISEASES, chemically induced/ DUODENAL ULCER, chemically induced/ HUMAN/ *STOMACH DISEASES, chemically induced/ STOMACH ULCER, chemically induced

3477. **Guerrier P, Moreau M, Dorée M:** Inhibition de la réinitiation de la méiose des ovocytes de Xenopus laevis par trois antiprotéases naturelles, l'antipïne, la chymostatine et la leupeptine C R Acad Sci [D] (Paris) 284(4):317–9, 24 Jan 77 (Eng. Abstr.) **(Fre)**
A–23187, pharmacodynamics/ ANIMAL/ CATHEPSIN, antagonists & inhibitors/ *CHYMOTRYPSIN, antagonists & inhibitors/ ENGLISH ABSTRACT/ FEMALE/ *MEIOSIS, drug effects/ *OOCYTES, drug effects/ *OVUM, drug effects/ PAPAIN, antagonists & inhibitors/ PHOSPHORYLASE KINASE, metabolism/ PROGESTERONE, pharmacodynamics/ PROTEIN KINASE, metabolism/ *TRYPSIN INHIBITORS, pharmacodynamics/ XENOPUS

3478. **Guest JR:** Menaquinone biosynthesis: mutants of Escherichia coli K–12 requiring 2–succinylbenzoate. J Bacteriol 130(3):1038–46, Jun 77
ANAEROBIOSIS/ CULTURE MEDIA/ ESCHERICHIA COLI, growth & development/ *ESCHERICHIA COLI, metabolism/ GENOTYPE/ LINKAGE (GENETICS)/ MUTATION/ PHENOTYPE/ *PHENYLBUTYRATES, pharmacodynamics/ TRANSDUCTION, GENETIC/ UBIQUINONE, biosynthesis/ *VITAMIN K, biosynthesis

3479. **Gueye SN, Mensah A, Dosseh B, et al:** Un cas atypique d'embolie pulmonaire
Bull Soc Med Afr Noire Lang Fr 21(2):161–4, 1976 (Eng. Abstr.) **(Fre)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ *PULMONARY EMBOLISM, diagnosis

3480. **Guiard B, Lederer F:** The 'b5–like' domain from chicken–liver sulfite oxidase: a new case of common ancestral origin with liver cytochrome b5 and bakers' yeast cytochrome b2 core. Eur J Biochem 74(1):181–90, 15 Mar 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ CHICKENS/ CHYMOTRYPSIN/ CIRCULAR DICHROISM/ *CYTOCHROMES/ *EVOLUTION/ GEL DIFFUSION TESTS/ HEME, analysis/ *LIVER, enzymology/ MOLECULAR WEIGHT/ *OXIDOREDUCTASES/ PEPTIDE FRAGMENTS, analysis/ PROTEIN CONFORMATION/ *SACCHAROMYCES CEREVISIAE, enzymology/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFITES/ TEMPERATURE

3481. **Guidoin R, Gosselin C, Domurado D, et al:** Dacron as arterial prosthetic material: nature, properties, brands, fate and perspectives. Biomater Med Devices Artif Organs 5(2):177–203, 1977
ANIMAL/ ARTERIES, surgery/ BABOONS/ BLOOD COAGULATION/ *BLOOD VESSEL PROSTHESIS/ DOGS/ HUMAN/ *POLYETHYLENE TEREPHTHALATE/ SWINE/ WOUND HEALING

3482. **Guidoin RG, Awad JA, Domurado D:** Thrombus formation and microaggregate removal during prolonged extracorporeal circulation using a capillary membrane oxygenator. A scanning electron microscope study. Res Exp Med (Berl) 168(2):65–79, 25 Aug 76
ANIMAL/ DOGS/ ERYTHROCYTE AGGREGATION/ FILTRATION/ MICROSCOPY, ELECTRON, SCANNING/ *OXYGENATORS, MEMBRANE, adverse effects/ PLATELET AGGREGATION/ SILICONE ELASTOMERS/ *THROMBOEMBOLISM, etiology

3483. **Guidoin RG, Gilchrist T:** Banked blood microfiltration. II. Dacron–wool microfilter. Br J Haematol 33(4):591–9, Aug 76
*BLOOD BANKS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BLOOD PRESERVATION/ FILTRATION, instrumentation/ HEMATOCRIT/ HEMOGLOBINS, analysis/ HUMAN/ LEUKOCYTE COUNT/ MICROSCOPY, ELECTRON, SCANNING/ PARTICLE SIZE/ *POLYETHYLENE TEREPHTHALATE/ *WOOL

3484. **Guidoin RG, Gaylor JD, Borsanyi JP:** Banked blood microfiltration. I. Microfilter composed of five polyurethane foam layers with graded pore size. Br J Haematol 33(4):583–90, Aug 76
*BLOOD BANKS/ BLOOD PLATELETS/ *BLOOD PRESERVATION/ FILTRATION, instrumentation/ HUMAN/ MICROSCOPY, ELECTRON, SCANNING/ PARTICLE SIZE/ *POLYURETHANES

3485. **Guignier M, Roche C, Roche J, et al:** Cosgulation intravasculaire disséminée (C.I.V.D.) après 'coup de chaleur' Nouv Presse Med 5(42):2889, 11 Dec 76 **(Fre)**
CASE REPORT/ CHILD/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ *HEAT EXHAUSTION, complications/ HUMAN

3486. **Guillemeteau R:** Intérêt de l'héparinothérapie sous–cutanée pré–opératoire dans la prévention des complications thrombo–emboliques en chirurgie pelvienne
J Urol Nephrol (Paris) 82(3):297–8, Mar 76 **(Fre)**
FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *PELVIS, surgery/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ RISK/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control/ TIME FACTORS

3487. **Guillemin R, Commandre F, Bonelli AJ:** L'électrothérapie dans les troubles circulatoires des membres inférieurs. Electrodiagn Ther 14(1):5–8, 1977 **(Fre)**
ARTERITIS, therapy/ CASE REPORT/ DIABETIC ANGIOPATHIES, therapy/ *ELECTROTHERAPY/ FEMALE/ GLUCOSAMINE, therapeutic use/ HUMAN/ *LEG, blood supply/ MIDDLE AGE/ PENTOSAN SULFURIC POLYESTER, therapeutic use/ PEPTIDE HYDROLASES, therapeutic use/ PLACEBOS/ VASCULAR DISEASES, drug therapy/ *VASCULAR DISEASES, therapy

3488. **Guillin MC, Aronson DL, Bezeaud A, et al:** The purification of human acarboxy prothrombin. Characterization of its derivatives after thrombin cleavage. Thromb Res 10(2):223–33, Feb 77
ANIMAL/ ANTIBODIES/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ HUMAN/ *PROTHROMBIN, analogs & derivatives/ PROTHROMBIN, immunology/ RABBITS/ THROMBIN

3489. **Guillouzo A, Feldmann G, Boisnard M:** Preparation of liver explant cultures for the demonstration of intracellular proteins. pp. 99–104.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North–Holland, 1976. W3 I35 no.2 1975.
*ALBUMINS, analysis/ ANIMAL/ ANIMALS, NEWBORN/ CELL MEMBRANE

PERMEABILITY/ CELLS, CULTURED/ *FIBRINOGEN, analysis/ HISTOCYTOCHEMISTRY/ IMMUNOENZYME TECHNICS/ IMMUNOGLOBULINS, FAB/ *LIVER, analysis/ MONOGRAPH/ RATS

3490. **Guillozet N:** Drug risks in pregnancy revisited. J Fam Pract 4(6):1043–52, Jun 77 (95 ref.)
*ABNORMALITIES, DRUG-INDUCED, etiology/ ABORTION, THREATENED, drug therapy/ ANALGESICS AND ANTIPYRETICS, adverse effects/ ANTACIDS, adverse effects/ ANTI-ARRHYTHMIA AGENTS, adverse effects/ ANTI-INFECTIVE AGENTS, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTICONVULSANTS, adverse effects/ ANTIHYPERTENSIVE AGENTS, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ DIGITALIS GLYCOSIDES, adverse effects/ DIURETICS, adverse effects/ DRUG ABUSE, complications/ *DRUG THERAPY, adverse effects/ FEMALE/ HISTAMINE H1 RECEPTOR BLOCKADERS, adverse effects/ HUMAN/ HYPOGLYCEMIC AGENTS, adverse effects/ INFANT, NEWBORN/ LABOR, PREMATURE, drug therapy/ *MATERNAL-FETAL EXCHANGE/ PREGNANCY/ REVIEW/ SEX HORMONES, adverse effects/ THYROID ANTAGONISTS, adverse effects/ TRANQUILIZING AGENTS, adverse effects

3491. **Guimbretière J, Boudart D:** Le coagulomètre H21: appareil automatique pour l'étude de la coagulation. Nouv Rev Fr Hematol Blood Cells 18(1):201–2, 1977 **(Fre)**
*BLOOD COAGULATION TESTS, instrumentation/ HUMAN/ TIME FACTORS

3492. **Guiraud-Simplot A, Colobert L:** Modifications des caractéristiques enzymatiques de l'adénylate cyclase dans les cellules KB en fonction du dédeloppement des cultures C R Acad Sci [D] (Paris) 283(1):93–6, 5 Jul 76 **(Fre)**
*ADENYL CYCLASE, metabolism/ CELL ADHESION/ CELL LINE/ *CELLS, CULTURED, enzymology/ HUMAN/ MAGNESIUM, pharmacodynamics/ TIME FACTORS/ TRYPSIN, pharmacodynamics

3493. **Guiraud-Simplot A, Colobert L:** Adenylate cyclase activation by trypsin in KB cell cultures. Experientia 33(7):899–901, 15 Jul 77
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ *ADENYL CYCLASE, metabolism/ CELL LINE/ ENZYME ACTIVATION, drug effects/ KINETICS/ MAGNESIUM, pharmacodynamics/ *TRYPSIN, pharmacodynamics

3494. **Guissani A, Portier C:** Study on the structure-function relationship of polynucleotide phosphorylase: model of a proteolytic degraded polynucleotide phosphorylase. Nucleic Acids Res 3(11):3015–24, Nov 76
*ESCHERICHIA COLI, enzymology/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, metabolism/ *POLYNUCLEOTIDE PHOSPHORYLASE/ POLYNUCLEOTIDE PHOSPHORYLASE, isolation & purification/ POLYNUCLEOTIDE PHOSPHORYLASE, metabolism/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP

3495. **Guja A:** Urokinaza w moczu i aktywność fibrynolityczna krwi w doświadczalnym zatruciu cynkiem. Patol Pol 28(2):201–8, Apr-Jun 77 (Eng. Abstr.) **(Pol)**
ANIMAL/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, urine/ RABBITS/ *UROKINASE, urine/ *ZINC, poisoning

3496. **Gulati OP, Carretero OA, Morino T, et al:** Urinary kallikrein and plasma renin during the reversal of renovascular hypertension in rats. Clin Sci Mol Med 51 Suppl 3:263s–266s, Dec 76
ANIMAL/ *HYPERTENSION, RENAL, enzymology/ *KALLIKREIN, urine/ KIDNEY, blood supply/ MALE/ POTASSIUM, urine/ RATS/ RENAL ARTERY/ *RENIN, blood/ SODIUM, urine/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3497. **Gundlach WJ, Tarnasky R:** Thrombotic thrombocytopenic purpura [letter]. Can Med Assoc J 115(12):1194, 18 Dec 76
ADOLESCENCE/ CASE REPORT/ FEMALE/ HUMAN/ *PURPURA, THROMBOTIC THROMBOPENIC, drug therapy

3498. **Gundlach WJ, Tarnasky R:** Thrombotic thrombocytopenic purpura. Remission following treatment with aspirin and dipyridamole. Minn Med 60(1):20–1, Jan 77
ADOLESCENCE/ *ASPIRIN, therapeutic use/ CASE REPORT/ *DIPYRIDAMOLE, therapeutic use/ DRUG THERAPY, COMBINATION/ HUMAN/ MALE/ *PURPURA, THROMBOTIC THROMBOPENIC, drug therapy

3499. **Gundolf F:** Fremstilling ud fra fuldblod af erytrocytkoncentrat i plasticposer til patienter med tidligere febrile transfusionsreaktioner Ugeskr Laeger 138(34):2059–61, 16 Aug 76 (Eng. Abstr.) **(Dan)**
*BLOOD GROUP INCOMPATIBILITY, prevention & control/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ HUMAN/ METHODS/ SPECIMEN HANDLING

3500. **Gunina LM:** Kininoutvoriuval'ni fermenty i kininohen krovi pry eksperymental'nomu infarkti miokarda u sobak. Fiziol Zh 23(3):318–22, May-Jun 77 (Eng. Abstr.)**(Ukr)**
ANIMAL/ BRADYKININ, biosynthesis/ DOGS/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *KALLIKREIN, blood/ *KININOGENS, blood/ *MYOCARDIAL INFARCT, blood/ PROTEIN PRECURSORS, biosynthesis/ PROTEIN PRECURSORS, blood/ TIME FACTORS

3501. **Günther R, Georgi M, Kurtenbach P, et al:** Perkutane transhepatische Pfortadersondierung mit Verödung blutender Osophagusvarizen Dtsch Med Wochenschr 101(41):1491–3, 8 Oct 76 (Eng. Abstr.) **(Ger)**
CASE REPORT/ ENGLISH ABSTRACT/ *ESOPHAGEAL VARICES, therapy/ FEMALE/ GLUCOSE, therapeutic use/ HEMORRHAGE, GASTROINTESTINAL, therapy/ *HEMOSTATIC TECHNICS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ PLEURAL EFFUSION, etiology/ PORTAL VEIN/ SCLEROSING SOLUTIONS, adverse effects/ THROMBIN, therapeutic use

3502. **Günther R, Kurtenbach P, Georgi M, et al:** Perkutane transhepatische Thrombosierung der Vena coronaira ventriculi bei Osophagusvarizenblutung Fortschr Geb Roentgenstr Nuklearmed 126(1):6–10, Jan 77 (Eng. Abstr.) **(Ger)**
EMBOLIZATION, THERAPEUTIC, adverse effects/ *EMBOLIZATION, THERAPEUTIC, methods/ ENGLISH ABSTRACT/ ESOPHAGEAL VARICES, radiography/ *ESOPHAGEAL VARICES, therapy/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ PORTAL SYSTEM/ SPLENOPORTOGRAPHY/ STOMACH, blood supply/ THROMBIN, administration & dosage

3503. **Günther R, Jonas U, Jacobi GH:** Nierenläsion bei translumbaler Aortographie und Therapie durch selektive Katheterembolisierung. Fortschr Geb Roentgenstr Nuklearmed 126(5):426–9, May 77 (Eng. Abstr.) **(Ger)**
*AORTOGRAPHY, adverse effects/ AORTOGRAPHY, methods/ BLOOD COAGULATION DISORDERS, complications/ BUTYLCYANOACRYLATE, adverse effects/ *BUTYLCYANOACRYLATE, therapeutic use/ CASE REPORT/ CONTRAST MEDIA, administration & dosage/ *CYANOACRYLATES, therapeutic use/ *EMBOLIZATION, THERAPEUTIC/ EMBOLIZATION, THERAPEUTIC, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HEMATURIA, drug therapy/ *HEMATURIA, etiology/ HUMAN/ IATROGENIC DISEASE/ *KIDNEY, injuries/ LIVER CIRRHOSIS, complications/ MIDDLE AGE

3504. **Gupta B, Jindal SK, Mohanty D, et al:** Abnormalities of haemostasis associated with congenital heart disease. Indian Heart J 29(1):27–34, Jan-Feb 77
*BLOOD COAGULATION DISORDERS, complications/ CHILD/ CYANOSIS, complications/

FEMALE/ *HEART DEFECTS, CONGENITAL, complications/ HUMAN/ MALE

3505. **Gupta JM, Starr H, Fincher P, et al:** Intraventricular haemorrhage in the newborn. Med J Aust 2(9):338–40, 28 Aug 76
BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, therapy/ *BLOOD COAGULATION FACTORS/ CEREBRAL HEMORRHAGE, mortality/ *CEREBRAL HEMORRHAGE, prevention & control/ CEREBRAL VENTRICLES/ HUMAN/ INFANT, NEWBORN/ INFANT, PREMATURE, DISEASES, mortality/ *INFANT, PREMATURE, DISEASES, prevention & control/ RESPIRATORY DISTRESS SYNDROME, complications

3506. **Gupta OK, Banerjee RN:** Possible association of disseminated intravascular coagulation and hyperuricaemia with Plasmodium vivax malaria. Ann Soc Belg Med Trop 56(3):151–7, 1976
ADOLESCENCE/ ADULT/ CASE REPORT/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ INFANT, NEWBORN/ MALARIA, blood/ *MALARIA, complications/ MALE/ PLASMODIUM VIVAX/ PREGNANCY/ *URIC ACID, blood

3507. **Gur'eva IG:** Biokhimicheskie sopostavleniia pri tuberkulemakh i infil'trativnom tuberkuleze legkikh Probl Tuberk 3:31–5, 1976 (Eng. Abstr.) **(Rus)**
CATECHOLAMINES, metabolism/ COMPARATIVE STUDY/ CORTICOSTERONE, metabolism/ ENGLISH ABSTRACT/ HEPARIN, metabolism/ HISTAMINE, metabolism/ HUMAN/ HYDROCORTISONE, metabolism/ SOMATOTROPIN, metabolism/ TUBERCULOMA, metabolism/ *TUBERCULOSIS, PULMONARY, metabolism

3508. **Gurewich V, Lipinski B:** Evaluation of antithrombotic properties of suloctidil in comparison with aspirin and dipyridamole. Thromb Res 9(2):101–8, Aug 76
ANIMAL/ *ASPIRIN, pharmacodynamics/ COMPARATIVE STUDY/ *DIPYRIDAMOLE, pharmacodynamics/ DISEASE MODELS, ANIMAL/ DRUG SCREENING/ *FIBRINOLYTIC AGENTS/ GRANULOCYTES, drug effects/ PARASYMPATHOLYTICS/ PLACEBOS/ PLATELET AGGREGATION, drug effects/ *PROPANOLAMINES, pharmacodynamics/ RABBITS/ SHOCK, SEPTIC, drug therapy/ THROMBOSIS, drug therapy

3509. **Gurewich V, Lipinski B, Hyde E:** The effect of the fibrinogen concentration and the leukocyte count on intravascular fibrin deposition from soluble fibrin monomer complexes. Thromb Haemostas 36(3):605–14, 31 Dec 76
ANIMAL/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD VESSELS, metabolism/ ENDOTOXINS, pharmacodynamics/ *FIBRIN, metabolism/ *FIBRINOGEN, analysis/ *LEUKOCYTE COUNT/ MECHLORETHAMINE, pharmacodynamics/ RABBITS/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3510. **Gurewich V:** Guidelines for the management of anticoagulant therapy. Semin Thromb Hemostas 2(3):176–96, Jan 76 (115 ref.)
ACUTE DISEASE/ *ANTICOAGULANTS, therapeutic use/ AURICULAR FIBRILLATION, drug therapy/ CELL TRANSFORMATION, NEOPLASTIC, drug effects/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EMBOLIZATION, THERAPEUTIC/ FEMALE/ HEMORRHAGE, chemically induced/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ MITRAL VALVE, drug effects/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY/ PULMONARY EMBOLISM, drug therapy/ REVIEW/ THROMBOEMBOLISM, drug therapy/ THROMBOPENIA, chemically induced/ THROMBOPHLEBITIS, drug therapy/ VITAMIN K, therapeutic use/ WARFARIN, adverse effects/ WARFARIN, therapeutic use

3511. **Gurewich V, Lipinski B:** Case report: low-dose intravenous heparin in the treatment of disseminated intravascular coagulation. Am J Med Sci 274(1):83–6, Jul–Aug 77
ADULT/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ SEPTICEMIA, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3512. **Gurll NJ, Zinner MJ, Callahan W, et al:** Vasodilation due to urokinase in the canine femoral circulation. J Pharmacol Exp Ther 201(3):731–7, Jun 77
ANIMAL/ ATROPINE, pharmacodynamics/ *BLOOD CIRCULATION, drug effects/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HEAT/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ STREPTOKINASE, pharmacodynamics/ *UROKINASE, pharmacodynamics/ VASODILATOR AGENTS

3513. **Guseĭnov ChS, Golovastova GI, Gorelova AM, et al:** Anliticheski metody izucheniia sistemy fibrinoliza (proaktivatory–aktivatory plazminogena, plazminogen–plazmin, antiplazminy, antiaktivatory) (obzor literatury) Lab Delo (5):276–83, 1976 **(Rus)**
ANIMAL/ BLOOD COAGULATION TESTS, methods/ CASEIN, diagnostic use/ CATTLE/ FIBRIN, diagnostic use/ FIBRINOGEN, diagnostic use/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIN, analysis/ *FIBRINOLYSIS/ HUMAN/ *PLASMINOGEN ACTIVATORS, analysis/ *PLASMINOGEN, analysis/ STREPTOKINASE, diagnostic use

3514. **Gusmano R, Perfumo F, Basile GC, et al:** Risultati della terapia anticoagulante e dialitica nella sindrome emolitico–uremica dell'infanzia Minerva Nefrol 23(4):286–91, Jul–Aug 76 (Eng. Abstr.) **(Ita)**
*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *HEMODIALYSIS/ *HEMOLYTIC-UREMIC SYNDROME, therapy/ HUMAN/ INFANT/ KIDNEY FAILURE, ACUTE, therapy/ *PERITONEAL DIALYSIS

3515. **Gustafson G, Ryan CA:** Specificity of protein turnover in tomato leaves. Accumulation of proteinase inhibitors, induced with the wound hormone, PIIF. J Biol Chem 251(22):7004–10, 25 Nov 76
BINDING SITES/ DISULFIDES, metabolism/ DRUG STABILITY/ *ENZYME INHIBITORS, metabolism/ HEAT/ KINETICS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PLANT PROTEINS, isolation & purification/ *PLANT PROTEINS, metabolism/ PLANT PROTEINS, pharmacodynamics/ PLANTS, metabolism/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SOLUBILITY/ SULFHYDRYL COMPOUNDS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3516. **Gustafson I:** Aorta-aneurysm. Anestesi och intensivvård Lakartidningen 74(20):2014–5, 18 May 77 **(Swe)**
AGED/ *ANESTHESIA/ AORTA, ABDOMINAL, surgery/ *AORTIC ANEURYSM, surgery/ *AORTIC RUPTURE, surgery/ BLOOD COAGULATION DISORDERS, etiology/ FEMALE/ HUMAN/ INTENSIVE CARE UNITS/ MALE/ MIDDLE AGE/ *POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ RETROSPECTIVE STUDIES

3517. **Gustafsson L, Appelgren L, Myrvold HE:** Flow improvement after defibrinogenation. J Surg Res 22(2):113–7, Feb 77
ANIMAL/ BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ *BLOOD/ DOGS/ *FIBRINOGEN, physiology/ HINDLIMB, blood supply/ MODELS, BIOLOGICAL/ MUSCLES, blood supply/ *RHEOLOGY

3518. **Gutstein WH, Parl F, Bjornson LK:** Neural factors in atherogenesis: experimental studies. Ann NY Acad Sci 275:117–30, 1976
ANIMAL/ ARTERIES, injuries/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, physiopathology/ CHOLESTEROL, metabolism/ DIET, ATHEROGENIC/ HUMAN/ HYPERCHOLESTEREMIA, physiopathology/ HYPERLIPEMIA, physiopathology/ HYPOTHALAMUS, physiopathology/ LIPIDS, blood/ LIVER, metabolism/ *NERVOUS SYSTEM, physiopathology/ RATS/ VASOMOTOR SYSTEM, physiopathology

3519. **Guttman N, Baltimore D:** A plasma membrane component able to bind and alter virions of poliovirus type 1: studies on cell-free alteration using a simplified assay. Virology 82(1):25–36, 1 Oct 77
CELL MEMBRANE, drug effects/ *CELL MEMBRANE, metabolism/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ CHYMOTRYPSIN, pharmacodynamics/ DEOXYCHOLIC ACID, pharmacodynamics/ DETERGENTS, pharmacodynamics/ HELA CELLS/ KINETICS/ POLIOVIRUS, drug effects/ *POLIOVIRUS, metabolism/ RIBONUCLEASE, pharmacodynamics/ SODIUM DODECYL SULFATE, pharmacodynamics/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRAL PROTEINS

3520. **Gvozdev PI:** Vliianie geparina na krovoobrashchenie pri perelomakh dlinnykh trubchatykh kostei Vestn Khir 118(4):104–8, Apr 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD CIRCULATION, drug effects/ ENGLISH ABSTRACT/ FEMALE/ *FEMORAL FRACTURES, physiopathology/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE

3521. **Gwatkin RB, Wudl L, Hartree EF, et al:** Prevention of fertilization by exposure of hamster eggs to soluble acrosin. J Reprod Fertil 50(2):359–61, Jul 77
*ACROSIN, pharmacodynamics/ ANIMAL/ DEPRESSION, CHEMICAL/ FEMALE/ *FERTILIZATION, drug effects/ HAMSTERS/ IN VITRO/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ TRYPSIN, pharmacodynamics

3522. **Gwatkin RBL, Williams DT:** Receptor activity of the hamster and mouse solubilized zona pellucida before and after the zona reaction. J Reprod Fertil 49(1):55–9, Jan 77
ANIMAL/ *BINDING SITES/ FEMALE/ HAMSTERS/ IN VITRO/ MALE/ MESOCRICETUS/ MICE/ *OVUM, metabolism/ SPERM CAPACITATION/ SPERM-OVUM INTERACTIONS, drug effects/ *SPERMATOZOA, metabolism/ TRYPSIN, pharmacodynamics/ *ZONA PELLUCIDA, metabolism

3523. **Gyldensted C, Lester J, Fledelius H:** Computed tomography of orbital lesions. A radiological study of 144 cases. Neuroradiology 13(3):141–50, 31 May 77
ADOLESCENCE/ ADULT/ AGED/ ASTROCYTOMA, radiography/ CHILD, PRESCHOOL/ EYE FOREIGN BODIES, radiography/ FALSE NEGATIVE REACTIONS/ FALSE POSITIVE REACTIONS/ FEMALE/ FIBROUS DYSPLASIA OF BONE, radiography/ GOITER, EXOPHTHALMIC, radiography/ HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ MALE/ MENINGIOMA, radiography/ MIDDLE AGE/ NEUROFIBROMA, radiography/ OPTIC NEURITIS, radiography/ *ORBIT, radiography/ *ORBITAL NEOPLASMS, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

3524. **György J:** Magzatvíz embolia szövettani bizonyítása Morphol Igazsagugyi Orv Sz 16(4):274–5, Oct 76 (Eng. Abstr.) **(Hun)**
EMBOLISM, AMNIOTIC FLUID, mortality/ *EMBOLISM, AMNIOTIC FLUID, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, mortality/ LUNG, pathology/ MATERNAL MORTALITY/ PLACENTA, pathology/ PREGNANCY/ STAINS AND STAINING

3525. **György J, István E:** Coagulase negatív staphylococcus bacteriuria gyermekkorban Orv Hetil 118(4):211–2, 23 Jan 77 **(Hun)**
*BACTERIURIA, microbiology/ CASE REPORT/ CHILD/ COAGULASE, analysis/ FEMALE/ HUMAN/ *STAPHYLOCOCCAL INFECTIONS/ *STAPHYLOCOCCUS, enzymology

3526. **Györváry V, Némedi L:** Recommendations for the prescription of oral contraceptives. Ther Hung 25(1):4–9, 1977
BLOOD COAGULATION, drug effects/ *CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ HUNGARY/ LACTATION, drug effects

H

3527. **Haacke U, Wesemann W:** Induction of the platelet release reaction by 1.3-dimethyl-5-aminoadamantane, a new adamantane derivative. Thromb Haemostas 37(1):62–72, 28 Feb 77
*ADAMANTANE, analogs & derivatives/ *ADAMANTANE, pharmacodynamics/ ADENINE NUCLEOTIDES, metabolism/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *BRIDGED COMPOUNDS, analogs & derivatives/ *BRIDGED COMPOUNDS, pharmacodynamics/ CALCIUM/ HUMAN/ PLATELET AGGREGATION, drug effects/ SEROTONIN, metabolism/ TEMPERATURE/ TIME FACTORS

3528. **Haacke U, Sturm G, Süwer V, et al:** Zur Wirkung der 1-Aminoadamantane. Vergleichende Untersuchungen an isolierten Nervenendigungen und Thrombozyten zur Freisetzung von Serotonin and Dopamin. Arzneim Forsch 27(7):1481–3, Jul 77 (Eng. Abstr.) **(Ger)**
*AMANTADINE, analogs & derivatives/ *AMANTADINE, pharmacodynamics/ ANIMAL/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BRAIN, drug effects/ BRAIN, metabolism/ BRAIN, ultrastructure/ COMPARATIVE STUDY/ *D 145, pharmacodynamics/ DEPRESSION, CHEMICAL/ DOPAMINE, blood/ *DOPAMINE, metabolism/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ HUMAN/ IN VITRO/ NERVE ENDINGS, drug effects/ *NERVE ENDINGS, metabolism/ RATS/ SEROTONIN, blood/ *SEROTONIN, metabolism

3529. **Haas R, Nagasawa T, Heinrich PC:** The localization of a proteinase within rat liver mitochondria. Biochem Biophys Res Commun 74(3):1060–5, 7 Feb 77
ANIMAL/ CELL FRACTIONATION/ MALE/ MEMBRANES, enzymology/ *MITOCHONDRIA, LIVER, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RATS/ SUBCELLULAR FRACTIONS, enzymology

3530. **Haas-Denk S, Krieglsteiner P, Wriedt-Lübbe I, et al:** Das Verhalten der gewebeständigen Plasminogenaktivatoren maternaler und fetaler Rattenlungen nach Applikation von Betamethason oder Bromhexine Metabolit VIII Z Geburtshilfe Perinatol 180(6):398–403, Dec 76 (Eng. Abstr.) **(Ger)**
*AMBROXOL, pharmacodynamics/ ANIMAL/ *BETAMETHASONE, pharmacodynamics/ *BROMHEXINE, analogs & derivatives/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ LUNG, analysis/ *LUNG, drug effects/ LUNG, embryology/ PLASMINOGEN ACTIVATORS, analysis/ RATS

3531. **Haas-Denk S, Kaunzner W, von Sommoggy S:** Beeinflussung der Thrombozytenfunktion und der Gerinnung von Konservenblut durch Azetylsalizylsäure und Aprotinin. Med Welt 28(19):912–4, 13 May 77 **(Ger)**

*ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ *BLOOD PRESERVATION/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, ultrastructure/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics

3532. **Habal FM, Movat HZ:** Kininogens of human plasma. Semin Thromb Hemostas 3(1):27–42, Jul 76 (78 ref.)
BINDING SITES/ BLOOD COAGULATION/ CATTLE/ DOGS/ FIBRINOLYSIS/ GUINEA PIGS/ HORSES/ HUMAN/ KALLIKREIN, blood/ *KININOGENS, blood/ KININOGENS, isolation & purification/ KININS, biosynthesis/ MOLECULAR WEIGHT/ RABBITS/ RATS/ REVIEW

3533. **Habeeb AF, Francis RD:** Preparation of human immunoglobulin by ammonium sulfate precipitation. Vox Sang 31(6):423–34, 1976
*AMMONIUM SULFATE, pharmacodynamics/ ANTIBODIES, VIRAL, analysis/ BLOOD PRESERVATION/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COMPLEMENT, metabolism/ ELECTROPHORESIS, DISC/ FIBRINOLYSIN, analysis/ FRACTIONATION/ HUMAN/ *IGG, isolation & purification/ IMMUNOELECTROPHORESIS/ PLASMINOGEN, analysis/ PRECIPITATION/ SERUM ALBUMIN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3534. **Habeeb AF, Francis RD:** Preparation of human immunoglobulin free of plasmin and anticomplement activities. Vox Sang 32(3):143–58, 1977
CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GEL/ COMPLEMENT FIXATION TESTS/ FIBRINOLYSIN, isolation & purification/ HUMAN/ *IGG, isolation & purification/ IMMUNOELECTROPHORESIS/ METHODS/ PLASMINOGEN, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3535. **Haberland GL:** Esteroproteinasen in der Pathophysiologie des Hochdrucks Med Welt 28(8):369–73, 25 Feb 77 **(Ger)**
ANGIOTENSIN, physiology/ BLOOD COAGULATION FACTORS, physiology/ HUMAN/ HYPERTENSION, enzymology/ *HYPERTENSION, physiopathology/ KALLIKREIN, physiology/ *PEPTIDE HYDROLASES/ RENIN, physiology

3536. **Hachen HJ:** Spinal cord injury in children and adolescents: diagnostic pitfalls and therapeutic considerations in the acute stage [proceedings] Paraplegia 15(1):55–64, May 77
ACUTE DISEASE/ ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ PARAPLEGIA, etiology/ PSYCHOLOGY/ *RESPIRATORY INSUFFICIENCY, etiology/ RESPIRATORY INSUFFICIENCY, therapy/ SPINAL CORD INJURIES, complications/ SPINAL CORD INJURIES, diagnosis/ *SPINAL CORD INJURIES, therapy/ *THROMBOEMBOLISM, etiology/ *WATER-ELECTROLYTE IMBALANCE, etiology/ WATER-ELECTROLYTE IMBALANCE, therapy

3537. **Hackbarth SA, Duquesnoy RJ:** Serologic analysis of the HLA-A10 complex. II. Absorption studies on Aw25, Aw26, and Aw34. Transplant Proc 9(1 Suppl 1):43–5, Mar 77
ABSORPTION/ ANTIBODY DISSOCIATION/ ANTIGENIC DETERMINANTS/ BLOOD PLATELETS, immunology/ *HISTOCOMPATIBILITY ANTIGENS/ *HL-A/ HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3538. **Hackel F, Voigt H:** Epidemiologie der Venenerkrankungen in Abh ZFA [Dresden] 31(4):321–5, 1976 (Eng. Abstr.) **(Ger)**
ADULT/ AGE FACTORS/ AGED/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, EAST/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ NEOPLASMS, complications/ SEX FACTORS/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, occurrence/ VARICOSE VEINS, occurrence/ *VASCULAR DISEASES, occurrence/ VEINS/ VENOUS INSUFFICIENCY, occurrence

3539. **Hacker M, Roberts D, Jackson C:** Depression of the platelet count after inoculation of mice with L1210 or L5178Y cells. Br J Haematol 35(3):465–71, Mar 77
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ FEMALE/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ *LEUKEMIA L1210, blood/ *LEUKEMIA, EXPERIMENTAL, blood/ MICE/ MICE, INBRED STRAINS/ NEOPLASM TRANSPLANTATION/ TRANSPLANTATION, HOMOLOGOUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3540. **Hackler RH:** A 25-year prospective mortality study in the spinal cord injured patient: comparison with the long-term living paraplegic. J Urol 117(4):486–8, Apr 77
ADULT/ AMYLOIDOSIS, mortality/ *BLADDER, NEUROGENIC, mortality/ CEREBROVASCULAR DISORDERS, mortality/ HUMAN/ KIDNEY DISEASES, mortality/ LIVER DISEASES, mortality/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, mortality/ NEOPLASMS, mortality/ *PARAPLEGIA, mortality/ POSTOPERATIVE COMPLICATIONS, mortality/ PROSPECTIVE STUDIES/ PULMONARY EMBOLISM, mortality/ RESPIRATORY INSUFFICIENCY, mortality/ *SPINAL CORD INJURIES, mortality/ SUICIDE, mortality/ TIME FACTORS/ UNITED STATES

3541. **Haerer AF, Gotshall RA, Conneally PM, et al:** Cooperative study of hospital frequency and character of transient ischemic attacks. III. Variations in treatment. JAMA 238(2):142–6, 11 Jul 77
AGE FACTORS/ AMBULATORY CARE/ ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ BRAIN, blood supply/ CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, mortality/ CEREBRAL ISCHEMIA, TRANSIENT, surgery/ *CEREBRAL ISCHEMIA, TRANSIENT, therapy/ FOLLOW-UP STUDIES/ HOSPITALIZATION/ HUMAN/ HYPERTENSION, complications/ INFARCTION, diagnosis/ MIDDLE AGE/ PLATELET AGGREGATION, drug effects/ RISK/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3542. **Hafkenscheid JC, Hectors MP:** Serum versus heparinized plasma for alanine aminotransferase and aspartate aminotransferase of normal individuals. Clin Chim Acta 78(1):23–7, 1 Jul 77
*ALANINE AMINOTRANSFERASE, blood/ *ASPARTATE AMINOTRANSFERASE, blood/ COMPARATIVE STUDY/ *HEPARIN, pharmacodynamics/ HUMAN/ METHODS/ PHOSPHATES, pharmacodynamics/ PLASMA, enzymology/ TIME FACTORS/ TROMETHAMINE

3543. **Hafner G, Meythaler H:** Ein Beitrag zum Krankheitsbild der Phakomatosen Ber Dtsch Ophthalmol Ges 74:809–11, 1977 **(Ger)**
ADULT/ *CONJUNCTIVA/ EPILEPSY, complications/ *EYE NEOPLASMS, complications/ FEMALE/ *HAMARTOMA, complications/ HEMANGIOMA, CAVERNOUS, complications/ HUMAN/ MENTAL RETARDATION, complications

3544. **Hafter R, Müller-Berghaus G, von Hugo R, et al:** Estimation and characterization of soluble fibrin monomer complexes during endotoxin-induced intravascular coagulation. Thromb Res 10(5):711–20, May 77
ANIMAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ENDOTOXINS/ FEMALE/ *FIBRIN, analysis/ FIBRINOGEN, analysis/ KIDNEY GLOMERULUS, analysis/ MALE/ RABBITS/ *SALMONELLA ENTERITIDIS/ SHWARTZMAN PHENOMENON, blood/ SHWARTZMAN PHENOMENON, etiology/ THROMBIN, analysis

3545. **Hageman TC, Scheraga HA:** Mechanism of action of thrombin on fibrinogen. Reaction of the n-terminal CNDr fragment from the Bbeta chain of bovine fibrinogen with bovine thrombin. Arch Biochem Biophys 179(2):506–17, Mar 77
ANIMAL/ CATTLE/ CYANOGEN BROMIDE/ *FIBRINOGEN/ FIBRINOGEN, metabolism/ HUMAN/ KINETICS/ PEPTIDE FRAGMENTS/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ *THROMBIN/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3546. **Hagen AA, Gerber JN, Sweeley CC, et al:** Pleocytosis and elevation of prostaglandins F2a and E2 in cerebrospinal fluid following intracisternal injection of thrombin. Stroke 8(2):236–8, Mar–Apr 77
ANIMAL/ *CEREBROSPINAL FLUID, cytology/ CISTERNA MAGNA/ DOGS/ FEMALE/ INJECTIONS/ MALE/ PROSTAGLANDINS E, cerebrospinal fluid/ PROSTAGLANDINS F, cerebrospinal fluid/ *PROSTAGLANDINS, cerebrospinal fluid/ *THROMBIN, administration & dosage/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3547. **Hagen I, Olsen T, Solum NO:** Studies on subcellular fractions of human platelets by the lactoperoxidase-iodination technique. Biochim Biophys Acta 455(1):214–25, 11 Nov 76
*BLOOD PLATELETS, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLYCOPROTEINS, blood/ HUMAN/ IODOPROTEINS/ LACTOPEROXIDASE/ MEMBRANE PROTEINS, blood/ MITOCHONDRIA, analysis/ MOLECULAR WEIGHT/ SUBCELLULAR FRACTIONS, analysis

3548. **Hagen I, Solum NO, Olsen T:** Membrane alterations in connection with the release reaction in human platelets as studied by the lactoperoxidase-iodination technique and by agglutination with bovine factor VIII-related protein. Biochim Biophys Acta 468(1):1–10, 4 Jul 77
AGGLUTINATION TESTS/ ANIMAL/ BINDING SITES/ *BLOOD PLATELETS, ultrastructure/ CATTLE/ *CELL MEMBRANE, ultrastructure/ *FACTOR VIII/ GLYCOPEPTIDES, blood/ HUMAN/ IODINE RADIOISOTOPES/ LACTOPEROXIDASE/ MEMBRANE PROTEINS, blood/ MOLECULAR WEIGHT/ PROTEIN BINDING

3549. **Hager H:** Probleme bei der Behandlung okularer und zerebraler Durchblutungsstörungen 2. Mitteilung Klin Monatsbl Augenheilkd 169(5):550–6, Nov 76 (Eng. Abstr.) **(Ger)**
BLOOD VISCOSITY, drug effects/ *CEREBROVASCULAR DISORDERS, drug therapy/ DIGITALIS GLYCOSIDES, pharmacodynamics/ DIGITALIS GLYCOSIDES, therapeutic use/ ENGLISH ABSTRACT/ *EYE DISEASES, drug therapy/ *EYE, blood supply/ GLAUCOMA, drug therapy/ HEMODYNAMICS, drug effects/ HUMAN/ VASODILATOR AGENTS, pharmacodynamics/ VASODILATOR AGENTS, therapeutic use/ VISUAL FIELDS, drug effects

3550. **Hagl S, Heimisch W, Meisner H, et al:** The effect of hemodilution on regional myocardial function in the presence of coronary stenosis. Basic Res Cardiol 72(4):344–64, Jul–Aug 77
ANIMAL/ BLOOD PRESSURE/ BLOOD VISCOSITY/ *BLOOD VOLUME/ CARDIAC OUTPUT/ *CORONARY DISEASE, physiopathology/ DOGS/ HEART, physiopathology/ HEMATOCRIT/ MYOCARDIAL CONTRACTION/ MYOCARDIUM, metabolism/ OXYGEN CONSUMPTION

3551. **Haglund U, Abe T, Ahrén C, et al:** The intestinal mucosal lesions in shock. I. Studies on the pathogenesis. Eur Surg Res 8(5):435–47, 1976
ALBUMINS, pharmacodynamics/ ANIMAL/ CATS/ CHARCOAL, pharmacodynamics/ ELECTRIC STIMULATION/ HYPOTENSION, chemically induced/ INTESTINAL MUCOSA, drug effects/ *INTESTINAL MUCOSA, pathology/ INTESTINE, SMALL, drug effects/ *INTESTINE, SMALL, pathology/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ METHYLPREDNISOLONE, pharmacodynamics/ NITROGEN, pharmacodynamics/ OXYGEN, pharmacodynamics/ PERFUSION/ REGIONAL BLOOD FLOW, drug effects/ *SHOCK, HEMORRHAGIC, pathology/ TIME FACTORS/ VASOMOTOR SYSTEM, physiology

3552. **Haglund U, Abe T, Ahrén C, et al:** The intestinal mucosal lesions in shock. II. The relationship between the mucosal lesions and the cardiovascular derangement following regional shock. Eur Surg Res 8(5):448–60, 1976
ALBUMINS, pharmacodynamics/ ANIMAL/ BLOOD PRESSURE, drug effects/ CATS/ CHARCOAL, pharmacodynamics/ COMPARATIVE STUDY/ ELECTRIC STIMULATION/ HYPOTENSION, pathology/ HYPOTENSION, physiopathology/ INTESTINAL MUCOSA, drug effects/ *INTESTINAL MUCOSA, pathology/ INTESTINAL MUCOSA, physiology/ INTESTINE, SMALL, drug effects/ *INTESTINE, SMALL, pathology/ INTESTINE, SMALL, physiology/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ METHYLPREDNISOLONE, pharmacodynamics/ NITROGEN, pharmacodynamics/ OXYGEN, pharmacodynamics/ PERFUSION/ REGIONAL BLOOD FLOW/ *SHOCK, HEMORRHAGIC, pathology/ SHOCK, HEMORRHAGIC, physiopathology/ TIME FACTORS/ VASOMOTOR SYSTEM, physiology

3553. **Hahn JF, Netsky MG:** Brain tumors of mixed tissue origin: staining procedures to distinguish glial from connective tissue. South Med J 70(5):539–42, May 77
ADULT/ *ASTROCYTOMA, diagnosis/ ASTROCYTOMA, pathology/ *BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, pathology/ CASE REPORT/ CEREBELLAR NEOPLASMS, diagnosis/ CEREBELLAR NEOPLASMS, pathology/ *CONNECTIVE TISSUE, pathology/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HEMATOXYLIN, diagnostic use/ HUMAN/ MALE/ METHODS/ *NEURILEMMOMA, diagnosis/ NEURILEMMOMA, pathology/ *NEUROGLIA, pathology/ PHOSPHOTUNGSTIC ACID, diagnostic use/ *STAINS AND STAINING

3554. **Hahn L, Cederblad G, Rybo G, et al:** Blood coagulation, fibrinolysis and plasma proteins in women with normal and with excessive menstrual blood loss. Br J Obstet Gynaecol 83(12):974–80, Dec 76
ADULT/ *BLOOD COAGULATION FACTORS, analysis/ *BLOOD PROTEINS, analysis/ COMPARATIVE STUDY/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *MENORRHAGIA, blood/ MENSTRUATION/ MIDDLE AGE

3555. **Hahn W:** Surgery of the alveolar process as related to prosthesis. Int Dent J 27(2):139–45, 2 Jun 77
ALVEOLAR PROCESS, physiology/ *ALVEOLOPLASTY/ ALVEOLOPLASTY, methods/ BLOOD COAGULATION/ *DENTAL PROSTHESIS/ EXOSTOSES, surgery/ HUMAN/ JAW DISEASES, surgery/ MANDIBULAR DISEASES, surgery/ OROANTRAL FISTULA, surgery/ PROGNATHISM, surgery/ TOOTH EXTRACTION/ WOUND HEALING

3556. **Haid M, Zuckerman L, Caprini JA, et al:** Thromboelastographic changes in carcinoma: an animal model. J Med 7(3-4):189–216, 1976
ANIMAL/ *BLOOD COAGULATION/ DISEASE MODELS, ANIMAL/ *NEOPLASMS, EXPERIMENTAL, physiopathology/ RABBITS/ *THROMBELASTOGRAPHY

3557. **Haid M:** Thromboelastographic distinction of malignant from benign breast masses: a preliminary report. South Med J 70(7):774–6, Jul 77
BLOOD COAGULATION TESTS/ BREAST NEOPLASMS, blood/ *BREAST NEOPLASMS, diagnosis/ BREAST NEOPLASMS, pathology/ COMPARATIVE STUDY/ DIAGNOSTIC

ERRORS/ FALSE POSITIVE REACTIONS/ FEMALE/ HUMAN/ *THROMBELASTOGRAPHY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3558. **Haiderer O, Jatzko G:** Die proximale gastrische Vagotomie ohne Drainageoperation zur Behandlung des Ulkusleidens
Wien Med Wochenschr 126(28–31):428–30, 16 Jul 76 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ *DUODENAL ULCER, surgery/ ESOPHAGEAL REFLUX, surgery/ FEMALE/ HIATAL HERNIA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ PNEUMONIA/ POSTOPERATIVE COMPLICATIONS/ *STOMACH ULCER, surgery/ THROMBOPHLEBITIS/ *VAGOTOMY, methods

3559. **Haimovici H:** Abnormal arteriovenous shunts associated with chronic venous insufficiency.
J Cardiovasc Surg (Torino) 17(6):473–82, Nov–Dec 76
AGED/ ARTERIOSCLEROSIS OBLITERANS, radiography/ *ARTERIOVENOUS ANASTOMOSIS/ ARTERIOVENOUS ANASTOMOSIS, radiography/ FEMALE/ FEMORAL ARTERY, radiography/ HEMOSTASIS/ HUMAN/ MIDDLE AGE/ OXYGEN, blood/ *PHLEBITIS, complications/ PHLEBITIS, radiography/ SAPHENOUS VEIN/ *VARICOSE VEINS, etiology/ VARICOSE VEINS, radiography

3560. **Hainaut J, Dufer J, Jacob E, et al:** Le test de restauration des rosettes sur lymphocytes normaux trypsinés: application à certaines hémopathies.
Nouv Rev Fr Hematol Blood Cells 18(1):257–9, 1977 **(Fre)**
*HEMATOLOGIC DISEASES, immunology/ HUMAN/ IMMUNOLOGIC TECHNICS/ *LYMPHOCYTES, immunology/ *TRYPSIN, pharmacodynamics

3561. **Hajduk A:** Ocena mikroskopowa rozsianego krzepnięcia wewnątrznaczyniowego u noworodków i niemowląt.
Patol Pol 28(2):177–89, Apr–Jun 77 (Eng. Abstr.) **(Pol)**
AGE FACTORS/ BLOOD VESSELS, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, pathology

3562. **Hakanson DO, Cowett RM, Oh W:** Hyperviscosity and necrotizing enterocolitis in the small-for-gestational-age infant. pp. 99–105.
In: Stern L, et al., ed. Intensive care in the newborn. New York, Masson, 1976. WS 420 I601 1975.
ASPHYXIA NEONATORUM, complications/ *BLOOD VISCOSITY/ *ENTEROCOLITIS, ACUTE, etiology/ HUMAN/ INFANT FOOD/ *INFANT, LOW BIRTH WEIGHT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ *INFANT, SMALL FOR GESTATIONAL AGE/ MONOGRAPH/ NECROSIS

3563. **Hakanson DO, Oh W:** Necrotizing enterocolitis and hyperviscosity in the newborn infant. J Pediatr 90(3):458–61, Mar 77
*BLOOD VISCOSITY/ *ENTEROCOLITIS, ACUTE, occurrence/ HUMAN/ *INFANT, LOW BIRTH WEIGHT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, occurrence/ RETROSPECTIVE STUDIES/ RHODE ISLAND

3564. **Hakenbeck R, Messer W:** Activity of murein hydrolases in synchronized cultures of Escherichia coli. J Bacteriol 129(3):1239–44, Mar 77
BACTERIAL PROTEINS, biosynthesis/ CELL WALL, enzymology/ DNA, BACTERIAL, biosynthesis/ *ESCHERICHIA COLI, enzymology/ ESCHERICHIA COLI, growth & development/ ESCHERICHIA COLI, metabolism/ NALIDIXIC ACID, pharmacodynamics/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDOGLYCAN

3565. **Hakim A, Apte V:** A study of plasma fibrinogen level and plasma fibrinolytic activity in normal & abnormal pregnancy. J Obstet Gynaecol India 26(5):668–74, Oct 76
ABORTION, MISSED, blood/ ABORTION, SEPTIC, blood/ ABRUPTIO PLACENTAE, blood/ *AFIBRINOGENEMIA, complications/ ANEMIA, blood/ COMPARATIVE STUDY/ FEMALE/ FETAL DEATH, blood/ *FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HEMORRHAGE, POSTPARTUM, blood/ HUMAN/ PLACENTA PRAEVIA, blood/ *PREGNANCY COMPLICATIONS, blood/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, complications/ PREGNANCY TOXEMIAS, blood/ *PREGNANCY/ PUERPERAL INFECTION, blood

3566. **Hakim AA:** Stability of the antigen expression in the spontaneous mammary adenocarcinoma during cultivation and absorbtion with immune serum.
Arch Geschwulstforsch 47(2):127–37, 1977
*ADENOCARCINOMA, immunology/ ADENOCARCINOMA, pathology/ ANIMAL/ ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, NEOPLASM/ ANTINEOPLASTIC AGENTS/ CELLS, CULTURED/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ GLYCOPROTEINS, isolation & purification/ *MAMMARY NEOPLASMS, EXPERIMENTAL, immunology/ MAMMARY NEOPLASMS, EXPERIMENTAL, pathology/ *MEMBRANE PROTEINS/ MEMBRANE PROTEINS, isolation & purification/ MICE/ NEOPLASM TRANSPLANTATION/ PEPTIDE HYDROLASES, pharmacodynamics/ SPLEEN, immunology/ TRYPSIN INHIBITORS, pharmacodynamics

3567. **Halbfass HJ, Jontofsohn R, Wilms H, et al:** Komplikationen und Letalität nach Nierentransplantationen.
Munch Med Wochenschr 119(31):1011–4, 5 Aug 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ CHILD/ ENGLISH ABSTRACT/ HEPATIC COMA, mortality/ *KIDNEY, transplantation/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, mortality/ PROGNOSIS/ PULMONARY EMBOLISM, mortality/ SHOCK, SEPTIC, mortality/ SURGICAL WOUND INFECTION, mortality/ TRANSPLANTATION, HOMOLOGOUS/ UREMIA, mortality

3568. **Halbhuber KJ, Geyer G, Feuerstein H:** Agglutinationsverhalten roter Blutzellen nach experimenteller Glykokalyxalteration.
Folia Haematol (Leipz) 104(1):85–97, 1977 (Eng. Abstr.) **(Ger)**
ALCIAN BLUE, pharmacodynamics/ ABO BLOOD-GROUP SYSTEM/ ENGLISH ABSTRACT/ ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, metabolism/ *GLYCOLYSIS/ *HEMAGGLUTINATION/ HUMAN/ PRONASE, pharmacodynamics/ RECEPTORS, DRUG/ SIALIC ACIDS, pharmacodynamics/ SODIUM FLUORIDE, pharmacodynamics/ TRYPSIN, pharmacodynamics

3569. **Halbhuber KJ, Geyer G:** Hämagglutination mit Gal-N-Ac-Rezeptoren der Hepatozytenmembran.
Folia Haematol (Leipz) 104(2):265–70, 1977 (Eng. Abstr.) **(Ger)**
ANIMAL/ CELL MEMBRANE, immunology/ ENGLISH ABSTRACT/ ERYTHROCYTES, immunology/ *HEMAGGLUTINATION/ HUMAN/ LIVER, cytology/ *LIVER, immunology/ NEURAMINIDASE/ RATS/ TRYPSIN

3570. **Halbhuber KJ, Geyer G:** Alcianblauinduzierte Mischzellagglutination--Kurze Originalmitteilung.
Folia Haematol (Leipz) 104(1):98–101, 1977 (Eng. Abstr.) **(Ger)**
AGGLUTINATION/ *ALCIAN BLUE, pharmacodynamics/ ANIMAL/ BINDING SITES/ ENGLISH ABSTRACT/ ERYTHROCYTES, metabolism/ GUINEA PIGS/ HEPARIN, pharmacodynamics/ HUMAN/ *INDOLES, pharmacodynamics/ MACROPHAGES, metabolism

3571. **Halbwachs L, Lachmann PJ:** Factor B of the alternative complement pathway on human lymphocytes.
Scand J Immunol 5(6–7):697–704, 1976
BURKITT'S LYMPHOMA, immunology/ CELL LINE/ CELLS, CULTURED/ *COMPLEMENT

3, metabolism/ *COMPLEMENT, metabolism/ CULTURE MEDIA/ CYTOCHALASIN B, pharmacodynamics/ EDTA/ HUMAN/ IMMUNE SERUMS/ LEUKEMIA, LYMPHOCYTIC, immunology/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ PEPTIDE HYDROLASES, analysis/ PHOSPHOLIPASE, pharmacodynamics/ PROPERDIN/ SNAKES/ SPECIMEN HANDLING/ THYMUS EXTRACTS/ TRYPSIN, pharmacodynamics/ VENOMS

3572. **Haley NJ, Shio H, Fowler S:** Characterization of lipid-laden aortic cells from cholesterol-fed rabbits. I. Resolution of aortic cell populations by metrizamide density gradient centrifugation. Lab Invest 37(3):287-96, Sep 77
ANIMAL/ *AORTA, cytology/ *ARTERIOSCLEROSIS, pathology/ *ATHEROSCLEROSIS, pathology/ *CELL SEPARATION/ CENTRIFUGATION, ISOPYCNIC/ *CHOLESTEROL, analysis/ DIET, ATHEROGENIC/ FEMALE/ GLUCOSIDASES, analysis/ *HYDROLASES, analysis/ LYSOSOMES, analysis/ METRIZAMIDE/ NUCLEOTIDASES, analysis/ RABBITS/ SUBCELLULAR FRACTIONS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3573. **Hall FM, Salzman EW, Ellis BI, et al:** Pneumothorax complicating aseptic cavitating pulmonary infarction. Chest 72(2):232-4, Aug 77
ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ FEMALE/ HUMAN/ LUNG, radiography/ MALE/ MIDDLE AGE/ *PNEUMOTHORAX, etiology/ PNEUMOTHORAX, radiography/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, radiography

3574. **Hall JG:** Thrombocytopenia with absent radius [letter]. Arch Dis Child 52(1):83, Jan 77
CHILD/ FOOD HYPERSENSITIVITY/ HUMAN/ MILK, adverse effects/ *RADIUS, abnormalities/ SYNDROME/ *THROMBOPENIA, complications

3575. **Hall TA:** The applicability of microprobe analysis to calcium studies. pp. 9-13.
In: Carafoli E, et al., ed. Calcium transport in contraction and secretion. Amsterdam, North-Holland, 1975. QV 276 I61c 1975. (16 ref.)
ANIMAL/ AXONS, analysis/ BARIUM, analysis/ BLOOD PLATELETS, analysis/ *CALCIUM, analysis/ CALCIUM, blood/ *ELECTRON PROBE MICROANALYSIS/ HUMAN/ METHODS/ MITOCHONDRIA, metabolism/ MONOGRAPH/ MUSCLES, analysis/ REVIEW/ SALIVARY GLANDS, analysis/ X-RAYS

3576. **Haller H:** Epidemiologie und assoziierte Risikofaktoren der Hyperlipoproteinämie. Z Gesamte Inn Med 32(8):124-8, 15 Apr 77 (Eng. Abstr.) **(Ger)**
ADULT/ ARTERIOSCLEROSIS, etiology/ BLOOD VISCOSITY/ CHILD/ DIABETES MELLITUS, etiology/ ENGLISH ABSTRACT/ FATTY LIVER, etiology/ GERMANY, EAST/ HUMAN/ HYPERLIPEMIA, blood/ HYPERLIPEMIA, complications/ *HYPERLIPEMIA, occurrence/ MYOCARDIAL INFARCT, etiology/ OBESITY, etiology

3577. **Hallermann W, Rüger J:** Zwischenfälle and Letalität bei Augenoperationen Klin Monatsbl Augenheilkd 169(6):700-7, Dec 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGE FACTORS/ AGED/ ENGLISH ABSTRACT/ *EYE, surgery/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, mortality/ PULMONARY EMBOLISM, etiology/ *SURGERY, OPERATIVE, adverse effects/ THROMBOPHLEBITIS, etiology

3578. **Halna CR:** An improved technique for the preparation of chromosomes from cattle whole blood. Res Vet Sci 22(1):40-3, Jan 77
ANIMAL/ BLOOD CELLS, cytology/ BLOOD PRESERVATION/ *CATTLE, blood/ *CHROMOSOMES/ CULTURE MEDIA/ CYSTINE, pharmacodynamics/ GLUTAMINE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ METHODS/ MITOSIS

3579. **Halstead SB, O'Rourke EJ:** Dengue viruses and mononuclear phagocytes. I. Infection enhancement by non-neutralizing antibody. J Exp Med 146(1):201-17, 1 Jul 77
ANIMAL/ *ANTIBODIES, VIRAL, biosynthesis/ BINDING SITES, ANTIBODY/ *DENGUE VIRUS, immunology/ HEMAGGLUTINATION INHIBITION TESTS/ HEPARIN, pharmacodynamics/ HUMAN/ IGG/ IGM/ IMMUNITY, CELLULAR/ LEUKOCYTES, immunology/ LEUKOCYTES, microbiology/ MONKEYS/ NEUTRALIZATION TESTS/ PEPTIDE HYDROLASES/ *PHAGOCYTES, immunology/ PHAGOCYTES, microbiology/ RHESUS MONKEYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRUS REPLICATION

3580. **Halushka PV, Wohltmann H, Privitera PJ, et al:** Bartter's syndrome: urinary prostaglandin E-like material and kallikrein; indomethacin effects. Ann Intern Med 87(3):281-6, Sep 77
ALDOSTERONE, urine/ ANGIOTENSIN II, pharmacodynamics/ *BARTTER'S DISEASE, urine/ CASE REPORT/ CHILD/ FEMALE/ HUMAN/ *HYPERALDOSTERONISM, urine/ *INDOMETHACIN, pharmacodynamics/ *KALLIKREIN, urine/ *PROSTAGLANDINS E, urine/ RENIN, blood/ SODIUM, urine

3581. **Halverstadt DB, Albers DD, Kroovand RL, et al:** Anticoagulation in urologic surgery. Urology 9(6):617-9, Jun 77
COMPARATIVE STUDY/ HEPARIN, administration & dosage/ *HEPARIN, adverse effects/ HUMAN/ LENGTH OF STAY/ MALE/ *POSTOPERATIVE COMPLICATIONS/ *PROSTATECTOMY/ PULMONARY EMBOLISM

3582. **Ham JM, Lawrence JC:** Heparin, heparin-activated enzymes and platelets. Haemostasis 6(1):26-34, 1977 (60 ref.)
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ DIGLYCERIDES, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FACTOR X, metabolism/ *HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ *LECITHINASE, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ PHOSPHATIDYLCHOLINES, metabolism/ *PHOSPHOLIPASE, metabolism/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ REVIEW/ TRIGLYCERIDES, metabolism

3583. **Hamada S, Fukase M:** Cytosol receptors for thyroxine (T4) and triiodothyronine (T3) in human liver. pp. 338-41.
In: Robbins J, et al., ed. Thyroid research. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.378 1975.
CYTOSOL, metabolism/ DINITROPHENOLS, pharmacodynamics/ DIPHENYLHYDANTOIN, pharmacodynamics/ ELECTROPHORESIS/ FEMALE/ GLOBULINS, metabolism/ HEPARIN, pharmacodynamics/ HUMAN/ *LIVER, metabolism/ MALE/ MONOGRAPH/ RECEPTORS, HORMONE, drug effects/ *RECEPTORS, HORMONE, metabolism/ SALICYLATES, pharmacodynamics/ *THYROXINE, metabolism/ *TRIIODOTHYRONINE, metabolism

3584. **Hamilton JV, Flinn G Jr, Haynie CC, et al:** Diagnosis of rectus sheath hematoma by B-mode ultrasound: a case report. Am J Obstet Gynecol 125(4):562-5, 15 JUN 76
*ABDOMINAL WALL/ ADULT/ CASE REPORT/ FEMALE/ *HEMATOMA, diagnosis/ HUMAN/ MUSCULAR DISEASES, diagnosis/ *ULTRASONICS, diagnostic use

3585. **Hamilton PB:** Interrelationships of mycotoxins with nutrition. Fed Proc 36(6):1899-902, May 77 (40 ref.)
ANIMAL/ CARBOHYDRATES, metabolism/ DIETARY CARBOHYDRATES/ DIETARY PROTEINS/ LIPIDS, metabolism/ LIVER, metabolism/ *MYCOTOXINS, metabolism/ MYCOTOXINS, pharmacodynamics/ *NUTRITION/ PROTEINS, metabolism/

REVIEW/ RIBOFLAVIN, metabolism/ SPECIES SPECIFICITY/ THIAMINE, metabolism/ VITAMIN A, metabolism/ VITAMIN D, metabolism/ VITAMIN E, metabolism/ VITAMIN K, metabolism

3586. **Hamlyn AN:** Venepuncture nerve injuries [letter] Lancet 2(8027):39, 2 Jul 77
ADULT/ CASE REPORT/ FEMALE/ FOREARM, innervation/ *HEMATOMA, etiology/ HUMAN/ PERIPHERAL NERVES, injuries/ PUNCTURES, adverse effects/ *VEINS

3587. **Hammann HJ, Eckert M, Fux HD, et al:** Das Rektumkarzinom. Zur Eigenart des Tumors und seiner Stellung im Rahmen der Dickdarm-Karzinome Fortschr Med 95(16):1049-53, 28 Apr 77 (Eng. Abstr.) **(Ger)**
ADENOCARCINOMA, surgery/ COLONIC NEOPLASMS, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ *RECTAL NEOPLASMS/ *RECTAL NEOPLASMS, surgery/ RETROSPECTIVE STUDIES/ STATISTICS/ THROMBOEMBOLISM, etiology/ WOUND HEALING

3588. **Hammar H, Wanger L:** Erysipelas and necrotizing fasciitis. Br J Dermatol 96(4):409-19, Apr 77
ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ CLOXACILLIN, therapeutic use/ COMPARATIVE STUDY/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ EDEMA, etiology/ ERYSIPELAS, pathology/ *FASCIA, pathology/ FEMALE/ GANGRENE, etiology/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ NECROSIS/ PENICILLINS, therapeutic use/ SKIN DISEASES, BULLOUS, complications/ SKIN, pathology

3589. **Hammarström S:** Selective inhibition of platelet n-8 lipoxygenase by 5,8,11-eicosatriynoic acid. Biochim Biophys Acta 487(3):517-9, 22 Jun 77
*BLOOD PLATELETS, enzymology/ *FATTY ACIDS, UNSATURATED, pharmacodynamics/ HUMAN/ KINETICS/ LIPOXYGENASES, antagonists & inhibitors/ *LIPOXYGENASES, blood/ OXYGENASES, blood

3590. **Hammer CH, Shin ML, Abramovitz AS, et al:** On the mechanism of cell membrane damage by complement: evidence on insertion of polypeptide chains from C8 and C9 into the lipid bilayer of erythrocytes. J Immunol 119(1):1-8, Jul 77
CHOLIC ACIDS, pharmacodynamics/ CHYMOTRYPSIN, pharmacodynamics/ *COMPLEMENT 8, metabolism/ *COMPLEMENT 9, metabolism/ *COMPLEMENT, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ERYTHROCYTE MEMBRANE, immunology/ *ERYTHROCYTES, immunology/ GUINEA PIGS/ HUMAN/ IODINE RADIOISOTOPES/ MOLECULAR WEIGHT/ *PEPTIDES, metabolism/ *PHOSPHOLIPIDS, metabolism/ SODIUM DODECYL SULFATE, pharmacodynamics/ TRITONS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3591. **Hammer O:** Behandlung peripherer arterieller Durchblutungsstörungen mit Nico-Padutin forte ZFA (Stuttgart) 52(33):1740-3, 30 Nov 76 **(Ger)**
*ARTERIAL OCCLUSIVE DISEASES, drug therapy/ CLINICAL RESEARCH/ DRUG COMBINATIONS/ FEMALE/ HUMAN/ *KALLIKREIN, therapeutic use/ MALE/ MIDDLE AGE/ *NICOTINIC ACIDS, therapeutic use

3592. **Hammerer I, Stampfel G:** Ausgedehntes Haemangioma racemosum des Mediastinums mit Zwerchfellparese. Ein Fallbericht und Beitrag zur Differential-diagnose des arteriovenösen Aneurysmas im Thoraxbereich Paediatr Paedol 12(1):63-72, 1977 (Eng. Abstr.) **(Ger)**
*ARTERIOVENOUS MALFORMATIONS, diagnosis/ CASE REPORT/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ *DIAPHRAGMATIC EVENTRATION, etiology/ ENGLISH ABSTRACT/ HEMANGIOMA, complications/ *HEMANGIOMA, diagnosis/ HUMAN/ MALE/ MEDIASTINAL NEOPLASMS, complications/ *MEDIASTINAL NEOPLASMS, diagnosis/ THORACIC ARTERIES/ *THORAX, blood supply

3593. **Hammond JB, Mann NS:** Pancreatitis following the intraductal injection of partially purified enterokinase in dogs. Am J Dig Dis 22(3):182-8, Mar 77
AMYLASE, blood/ ANIMAL/ DOGS/ DUODENUM, secretion/ *ENTEROPEPTIDASE/ ENTEROPEPTIDASE, administration & dosage/ ENTEROPEPTIDASE, isolation & purification/ INJECTIONS/ INTESTINAL SECRETIONS, enzymology/ MUCIN/ PANCREATIC DUCTS/ *PANCREATITIS, chemically induced/ PANCREATITIS, enzymology/ PANCREATITIS, pathology/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ SWINE/ TRYPSIN INHIBITORS

3594. **Hamon M, Bourgoin S, Artaud F, et al:** Rat brain stem tryptophan hydroxylase: mechanism of activation by calcium. J Neurochem 28(4):811-8, Apr 77
*BRAIN STEM, enzymology/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *HYDROXYLASES, metabolism/ MALE/ RATS/ SODIUM DODECYL SULFATE, metabolism/ TRYPSIN, metabolism/ *TRYPTOPHAN HYDROXYLASE, metabolism/ TRYPTOPHAN, metabolism

3595. **Hamstra R:** The clot: the bruising and bleeding patient. Rocky Mt Med J 74(3):135-8, May-Jun 77
BLOOD COAGULATION TESTS/ *HEMORRHAGIC DIATHESIS/ HEMORRHAGIC DIATHESIS, chemically induced/ HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN

3596. **Han SK, Henein MH, Novin N, et al:** An unusual arterial complication seen with a solitary osteochondroma. Am Surg 43(7):471-2, Jul 77
ADOLESCENCE/ CASE REPORT/ *CHONDROMA, complications/ CHONDROMA, radiography/ CHONDROMA, surgery/ *FEMORAL ARTERY/ FEMORAL ARTERY, radiography/ FEMORAL ARTERY, surgery/ *FEMORAL NEOPLASMS, complications/ FEMORAL NEOPLASMS, radiography/ FEMORAL NEOPLASMS, surgery/ HUMAN/ MALE/ *THROMBOSIS, etiology/ THROMBOSIS, radiography/ THROMBOSIS, surgery

3597. **Hanai K:** A conformational change in the benzeneboronic acid-alpha-chymotrypsin complex. Evidence for a conformational change in a tetrahedral adduct of alpha-chymotrypsin. J Biochem (Tokyo) 81(5):1273-83, May 77
BENZENE DERIVATIVES, pharmacodynamics/ BINDING SITES/ *BORONIC ACIDS/ BORONIC ACIDS, pharmacodynamics/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ ELECTRON SPIN RESONANCE/ KINETICS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ TEMPERATURE

3598. **Hancock BW, Richmond J:** Emopatie autoallergiche Recent Prog Med (Roma) 61(2):163-78, Aug 76 (Eng. Abstr.) **(Ita)**
ANEMIA, APLASTIC, diagnosis/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, diagnosis/ ANEMIA, PERNICIOUS, diagnosis/ *AUTOIMMUNE DISEASES, complications/ ENGLISH ABSTRACT/ ERYTHROCYTES, ABNORMAL/ *HEMATOLOGIC DISEASES, etiology/ HUMAN/ PURPURA, THROMBOPENIC, diagnosis/ SYNDROME

3599. **Hańczyc H, Jaworski Z, Kotschy M:** Zespół powikłań po rozległym wycięciu jelit a cienkiego i grubego Wiad Lek 29(20):1849-53, 15 Oct 76 (Eng. Abstr.)**(Pol)**
CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ HUMAN/ *INTESTINE, LARGE, surgery/ *INTESTINE, SMALL, surgery/

*MALABSORPTION SYNDROMES, etiology/ MALE/ MESENTERIC ARTERIES/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ THROMBOSIS, surgery

3600. **Handa H, Shimojo H:** Viral DNA synthesis in vitro with nuclei isolated from adeno-associated virus type 1-infected cells. Virology 77(1):424–8, Mar 77
*ADENOVIRUSES, HUMAN/ CELL LINE/ *CELL NUCLEUS, metabolism/ CYCLOHEXIMIDE, pharmacodynamics/ *DNA, VIRAL, biosynthesis/ PAPAIN, pharmacodynamics/ SODIUM DODECYL SULFATE, pharmacodynamics/ TRYPSIN, pharmacodynamics

3601. **Handin RI, Karabin R, Boxer GJ:** Enhancement of platelet function by superoxide anion. J Clin Invest 59(5):959–65, May 77
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ CHLORIDES/ CHROMIUM RADIOISOTOPES, secretion/ FERRIC COMPOUNDS, pharmacodynamics/ HEAT/ HUMAN/ IN VITRO/ MALONDIALDEHYDE, metabolism/ *OXYGEN, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ SEROTONIN, secretion/ SUPEROXIDE DISMUTASE, pharmacodynamics/ *SUPEROXIDE, pharmacodynamics/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ XANTHINE OXIDASE, metabolism/ XANTHINES, metabolism

3602. **Häni H:** Thrombozytopenische Purpura bei Saugferkeln aus 3 Würfen der gleichen Elterntiere
Schweiz Arch Tierheilkd 118(8):347–50, Aug 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ ENGLISH ABSTRACT/ MILK/ PURPURA, THROMBOPENIC, familial & genetic/ *PURPURA, THROMBOPENIC, veterinary/ *SWINE DISEASES, familial & genetic/ SWINE

3603. **Hanks CT, Chakrabarti SG:** Biochemical and morphological studies of rat submandibular gland: III. effects of testosterone treatment on proteins of granule-rickch fraction. J Dent Res 56(3):239–48, Mar 77
ANIMAL/ CASTRATION/ COMPARATIVE STUDY/ CYTOPLASMIC GRANULES, enzymology/ *CYTOPLASMIC GRANULES, metabolism/ ESTERASES, metabolism/ FEMALE/ MALE/ MITOCHONDRIA, enzymology/ MITOCHONDRIA, metabolism/ PEPTIDE HYDROLASES, metabolism/ RATS/ SALIVARY PROTEINS, analysis/ *SALIVARY PROTEINS, biosynthesis/ *SUBMANDIBULAR GLAND, drug effects/ SUBMANDIBULAR GLAND, enzymology/ SUBMANDIBULAR GLAND, metabolism/ SUBMANDIBULAR GLAND, ultrastructure/ *TESTOSTERONE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3604. **Hanna S, Dzus G, Rasero L, et al:** Automated analysis of warfarin sodium tablets. J Pharm Sci 65(10):1552–5, OCT 76
AUTOANALYSIS, instrumentation/ METHODS/ TABLETS, analysis/ *WARFARIN, analysis

3605. **Hannah H, Pugh DM, Long JW, et al:** Pulmonary emboli: experience with the vena caval umbrella.
J Kans Med Soc 78(6):286–9, Jun 77
ADULT/ AGED/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, surgery/ RECURRENCE/ *VENAE CAVAE, surgery

3606. **Hannah H 3rd, Reis RL:** Current status of porcine heterograft prostheses: a 5-year appraisal. Circulation 54(6 suppl 3):III27–31, Dec 76
AORTIC VALVE, transplantation/ EVALUATION STUDIES/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEMODYNAMICS/ HUMAN/ MITRAL VALVE, transplantation/ SWINE/ THROMBOEMBOLISM, etiology/ *TRANSPLANTATION, HETEROLOGOUS/ TRICUSPID VALVE, transplantation

3607. **Hansen EH, Jessing P, Lindewald H, et al:** Hydroxychloroquine sulphate in prevention of deep venous thrombosis following fracture of the hip, pelvis, or thoracolumbar spine. J Bone Joint Surg [Am] 58(8):1089–93, Dec 76
AGED/ FEMALE/ FIBRINOGEN, diagnostic use/ *FRACTURES, complications/ HIP, injuries/ HUMAN/ *HYDROXYCHLOROQUINE, therapeutic use/ LUMBAR VERTEBRAE, injuries/ MALE/ MIDDLE AGE/ PELVIC BONES, injuries/ PHLEBOGRAPHY/ RADIONUCLIDE IMAGING/ THORACIC VERTEBRAE, injuries/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control

3608. **Hansen HH, Selawry OS, Simon R, et al:** Combination chemotherapy of advanced lung cancer: a randomized trial. Cancer 38(6):2201–7, Dec 76
ADENOCARCINOMA, drug therapy/ ADULT/ AGED/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *CARCINOMA, BRONCHOGENIC, drug therapy/ CARCINOMA, EPIDERMOID, drug therapy/ CARCINOMA, OAT CELL, drug therapy/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ CYCLOPHOSPHAMIDE, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ HYDROXYUREA, therapeutic use/ LEUKOPENIA, chemically induced/ LOMUSTINE, therapeutic use/ *LUNG NEOPLASMS, drug therapy/ MALE/ MECHLORETHAMINE, therapeutic use/ METHOTREXATE, therapeutic use/ MIDDLE AGE/ PROCARBAZINE, therapeutic use/ THROMBOPENIA, chemically induced/ VINCRISTINE, therapeutic use

3609. **Hansen HJ, Christoffersen JK:** Occlusive mesenteric infarction. A retrospective study of 83 cases.
Acta Chir Scand [Suppl] 472:103–8, 1976
ACUTE DISEASE/ AGED/ DENMARK/ FEMALE/ HUMAN/ *INFARCTION/ MALE/ *MESENTERIC ARTERIES/ MESENTERIC ARTERIES, surgery/ *MESENTERIC VASCULAR OCCLUSION/ MESENTERIC VASCULAR OCCLUSION, diagnosis/ MESENTERIC VASCULAR OCCLUSION, surgery/ *MESENTERIC VEINS/ MESENTERIC VEINS, surgery/ MIDDLE AGE/ PROGNOSIS/ RETROSPECTIVE STUDIES/ THROMBOSIS, surgery/ TIME FACTORS

3610. **Hansen HJ, Jorgensen SJ, Engell HC:** Acute mesenteric infarction caused by small vessel disease.
Acta Chir Scand [Suppl] 472:109–11, 1976
ACUTE DISEASE/ ADULT/ ATHEROSCLEROSIS, complications/ CASE REPORT/ FEMALE/ HUMAN/ HYPERPLASIA/ *INFARCTION, etiology/ INFARCTION, surgery/ *MESENTERIC ARTERIES, pathology/ MESENTERIC ARTERIES, surgery/ MESENTERIC VASCULAR OCCLUSION, complications/ THROMBOSIS, complications

3611. **Hansen JM, Christensen LK:** Drug interactions with oral sulphonylurea hypoglycaemic drugs. Drugs 13(1):24–34, Jan 77 (71 ref.)
ALCOHOL, ETHYL, pharmacodynamics/ ALLOPURINOL, pharmacodynamics/ ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANTICOAGULANTS, pharmacodynamics/ ANTILIPEMIC AGENTS, pharmacodynamics/ CHLORAMPHENICOL, pharmacodynamics/ CHLORPROPAMIDE, pharmacodynamics/ DIPHENYLHYDANTOIN, pharmacodynamics/ DISULFIRAM, pharmacodynamics/ DRUG INTERACTIONS/ GLIBENCLAMIDE, metabolism/ GLIBENCLAMIDE, pharmacodynamics/ HUMAN/ *HYPOGLYCEMIC AGENTS, pharmacodynamics/ KINETICS/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ NOVOBIOCIN, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ PROBENECID, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ REVIEW/ RIFAMPIN, pharmacodynamics/

SULFONAMIDES, pharmacodynamics/ *SULFONYLUREA COMPOUNDS, pharmacodynamics/ TOLBUTAMIDE, metabolism/ TOLBUTAMIDE, pharmacodynamics

3612. **Hansen RJ, Switzer RL, Hinze H, et al:** Effects of glucose and nitrogen source on the levels of proteinases, peptidases, and proteinase inhibitors in yeast. Biochim Biophys Acta 496(1):103–14, 24 Jan 77
ACETATES, pharmacodynamics/ *AMINOPEPTIDASES, metabolism/ CARBOXYPEPTIDASES, antagonists & inhibitors/ *CARBOXYPEPTIDASES, metabolism/ CULTURE MEDIA/ ENZYME INHIBITORS, metabolism/ ENZYME REPRESSION/ *GLUCOSE, pharmacodynamics/ *NITROGEN, metabolism/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *SACCHAROMYCES CEREVISIAE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3613. **Hansen TM, Manthorpe R, Kofod B, et al:** Penicillamine in rheumatoid arthritis. Connective tissue changes and alterations in serum copper and phase reactants in relation to clinical improvement. J Rheumatol 3(4):367–74, Dec 76
ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, immunology/ ARTHRITIS, RHEUMATOID, metabolism/ COLLAGEN/ COMPLEMENT 3, metabolism/ COMPLEMENT 4, metabolism/ *CONNECTIVE TISSUE, drug effects/ CONNECTIVE TISSUE, metabolism/ *COPPER, blood/ FEMALE/ FIBRINOGEN, metabolism/ *HAPTOGLOBINS, metabolism/ HUMAN/ HYDROXYPROLINE, urine/ IMMUNOGLOBULINS, metabolism/ MALE/ MIDDLE AGE/ OROSOMUCOID, metabolism/ PENICILLAMINE, pharmacodynamics/ *PENICILLAMINE, therapeutic use/ TEMPERATURE/ ZINC, blood

3614. **Hansen W:** A spectrophotometric method for the determination of monoglyceride hydrolase. J Clin Chem Clin Biochem 14(9):433–5, Sep 76
*CARBOXYLIC ESTER HYDROLASES, blood/ HEPARIN, pharmacodynamics/ HUMAN/ *MONOACYLGLYCEROL LIPASES, blood/ SPECTROPHOTOMETRY, ULTRAVIOLET, methods

3615. **Hanson RL:** A comparison of the rate of complications with heparin-lock and keep-open I.V.'s. Commun Nurs Res 8:188–200, Mar 77
ADULT/ AGED/ COMPARATIVE STUDY/ ERYTHEMA/ FEMALE/ *HEPARIN/ HUMAN/ *INFUSIONS, PARENTERAL, adverse effects/ INFUSIONS, PARENTERAL, instrumentation/ MALE/ MIDDLE AGE/ PAIN/ PHLEBITIS, diagnosis/ *PHLEBITIS, etiology/ SKIN TEMPERATURE

3616. **Hantgan RR, Taniuchi H:** Formation of a biologically active, ordered complex from two overlapping fragments of cytochrome c. J Biol Chem 252(4):1367–74, 25 Feb 77
AMINO ACIDS, analysis/ ANIMAL/ APOENZYMES/ BINDING SITES/ *CYTOCHROME C/ CYTOCHROME C, metabolism/ ETHYLMALEIMIDE/ HORSES/ KINETICS/ MODELS, STRUCTURAL/ MYOCARDIUM, enzymology/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECTROMETRY, FLUORESCENCE/ TRYPSIN

3617. **Hanzlik J, Kędracka J:** Niektóre poglady na patogenezę zmian naczyniowych w cukrzycy Kardiol Pol 29(6):515–20, 1976 (45 ref.) **(Pol)**
BLOOD VISCOSITY/ CHOLESTEROL, blood/ DIABETES MELLITUS, blood/ DIABETES MELLITUS, metabolism/ *DIABETES MELLITUS, pathology/ *DIABETIC ANGIOPATHIES, pathology/ ERYTHROCYTES, metabolism/ HUMAN/ INSULIN, deficiency/ LIPIDS, metabolism/ PHOSPHATES, blood/ REVIEW/ TRIGLYCERIDES, blood

3618. **Harada E, Kanno T:** Progressive enhancement in the secretory functions of the digestive system of the rat in the course of cold acclimation. J Physiol (Lond) 260(3):629–45, Sep 76
*ACCLIMATIZATION/ AMYLASE, analysis/ ANIMAL/ BILE, secretion/ CHOLECYSTOKININ, pharmacodynamics/ *COLD/ *GASTRIC MUCOSA, secretion/ INSULIN, pharmacodynamics/ MALE/ ORGAN WEIGHT/ PANCREAS, drug effects/ *PANCREAS, secretion/ PANCREATIC JUICE, enzymology/ PANCREATIC JUICE, secretion/ PEPTIDE HYDROLASES, analysis/ PROTEINS, secretion/ RATS/ TIME FACTORS/ VAGUS NERVE, physiology

3619. **Hardie IR, Green MK, Burnett W, et al:** In vitro studies of gallstone dissolution using bile salt solutions and heparinized saline. Br J Surg 64(8):572–6, Aug 77
BILE ACIDS AND SALTS, metabolism/ *BILE ACIDS AND SALTS, therapeutic use/ CALCIUM, analysis/ CHOLELITHIASIS, metabolism/ *CHOLELITHIASIS, therapy/ CHOLESTEROL, analysis/ CHOLIC ACIDS, metabolism/ COMPARATIVE STUDY/ HEPARIN/ HUMAN/ IN VITRO/ SODIUM CHLORIDE/ TAUROCHOLIC ACID, metabolism

3620. **Harduf Z, Bielorai R, Alumot E:** Norleucine--an internal standard for the basic column used in physiological amino acid analysis. J Chromatogr 139(1):215–7, 11 Sep 77
*AMINO ACIDS, analysis/ AMINO ACIDS, blood/ *AMINOCAPROIC ACIDS/ ANIMAL/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE, methods/ FECES, analysis/ *NORLEUCINE/ SEWAGE, analysis

3621. **Härfast B, Andersson T, Stejskal V, et al:** Interactions between human lymphocytes and paramyxovirus-infected cells: adsorption and cytotoxicity. J Immunol 118(4):1132–7, Apr 77
ANTIGENS, VIRAL/ CELL ADHESION, drug effects/ CELLS, CULTURED/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ERYTHROCYTES, immunology/ HUMAN/ IMMUNOGLOBULINS, FAB/ *LYMPHOCYTES, immunology/ MEASLES VIRUS, immunology/ NEURAMINIDASE, pharmacodynamics/ NEWCASTLE DISEASE VIRUS, immunology/ *PARAMYXOVIRUSES, immunology/ T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics

3622. **Hargrave PA:** The amino-terminal tryptic peptide of bovine rhodopsin. A glycopeptide containing two sites of oligosaccharide attachment. Biochim Biophys Acta 492(1):83–94, 27 May 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ *GLYCOPEPTIDES, analysis/ PEPTIDE FRAGMENTS, analysis/ *RETINAL PIGMENTS/ *RHODOPSIN/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3623. **Hargreaves LN, Todd AS:** High levels of factor VIII--related antigen in cadaveric blood. Thromb Res 9(3):301–5, Sep 76
*ANTIGENS, analysis/ BLOOD COAGULATION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR VIII, analysis/ HUMAN/ MOLECULAR WEIGHT/ PLATELET AGGREGATION/ *POSTMORTEM CHANGES

3624. **Hargreaves LN, Nicoll DA, Todd AS:** The use of a macroscopic aggregation test for Von Willebrand factor as an indicator of endothelial damage [letter] Thromb Res 11(1):101–2, Jul 77
*BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ ENDOTHELIUM, physiopathology/ HUMAN/ *PLATELET AGGREGATION/ *VON WILLEBRAND FACTOR, analysis

3625. **Harke H, Tanger D, Fürst-Denzer S, et al:** Einfluss und Rückwirkungen einer präoperativen Thrombocytenseparation auf Aggregatbildung und Blutverlust nach Eingriffen mit extracorporaler Circulation Anaesthesist 26(2):64–71, Feb 77 (Eng. Abstr.) **(Ger)**
BLOOD PLATELETS/ CELL SEPARATION/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ HEMORRHAGE/ HUMAN/ MIDDLE AGE/ *PLATELET AGGREGATION/ POSTOPERATIVE COMPLICATIONS,

prevention & control/ *PREOPERATIVE CARE/ PRESSURE/ TIME FACTORS

3626. **Harken DE:** Prosthetic heart valves: 'perfection may be the enemy of good'. Med Instrum 11(2):70–1, Mar–Apr 77
ANTICOAGULANTS, therapeutic use/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, standards/ HUMAN

3627. **Harker LA:** Inhibitors of platelet function in the prevention of arterial thrombosis. Ser Haematol 8(3):105–24, 1975 (81 ref.)
*ANTICOAGULANTS, therapeutic use/ ATHEROSCLEROSIS, blood/ ATHEROSCLEROSIS, etiology/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, ultrastructure/ CATHETERIZATION, adverse effects/ CEREBROVASCULAR DISORDERS, blood/ CEREBROVASCULAR DISORDERS, etiology/ CLINICAL RESEARCH/ CORONARY DISEASE, blood/ CORONARY DISEASE, etiology/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ PLATELET AGGREGATION, drug effects/ REVIEW/ THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, blood/ THROMBOSIS, etiology/ *THROMBOSIS, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3628. **Harker LA:** Inhibitors of platelet function in the prevention of arterial thrombosis. pp. 105–24.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (81 ref.)
ADULT/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ARTERIOVENOUS SHUNT, SURGICAL/ ASPIRIN, therapeutic use/ ATHEROSCLEROSIS, etiology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CATHETERIZATION, adverse effects/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CLINICAL RESEARCH/ CLOFIBRATE, therapeutic use/ CORONARY DISEASE, prevention & control/ DEPRESSION, CHEMICAL/ DIPYRIDAMOLE, therapeutic use/ HEART VALVE PROSTHESIS/ HUMAN/ MALE/ MIDDLE AGE/ MONOGRAPH/ POSTOPERATIVE COMPLICATIONS/ PYRIMIDINES, therapeutic use/ REVIEW/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, prevention & control/ *THROMBOSIS, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3629. **Harker LA, Ross R, Glomset J:** Role of the platelet in atherogenesis. Ann NY Acad Sci 275:321–9, 1976 (33 ref.)
ANIMAL/ AORTA, physiopathology/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, physiopathology/ BABOONS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CELL SURVIVAL/ DIPYRIDAMOLE, pharmacodynamics/ ENDOTHELIUM, physiopathology/ HOMOCYSTINURIA, physiopathology/ MONKEYS/ REVIEW

3630. **Harker LA, Scott CR:** Platelets in homocystinuria [letter]. N Engl J Med 296(14):818, 7 Apr 77
ADULT/ *BLOOD PLATELETS, physiology/ CASE REPORT/ CELL SURVIVAL/ CHILD/ FEMALE/ HOMOCYSTINE, blood/ *HOMOCYSTINURIA, blood/ HUMAN/ MALE/ TIME FACTORS

3631. **Harlaftis N, Gonzalez AC, Waldo WJ, et al:** Value of perfusion lung scans in selection of patients for vena cava interruption. Chest 71(5):680–2, May 77
ADOLESCENCE/ ADULT/ AGED/ EVALUATION STUDIES/ FEMALE/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MICROSPHERES/ MIDDLE AGE/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, prevention & control/ *RADIONUCLIDE IMAGING/ RECURRENCE/ SERUM ALBUMIN, RADIO-IODINATED, administration & dosage/ SERUM ALBUMIN, RADIO-IODINATED, diagnostic use/ TECHNETIUM, administration & dosage/ TECHNETIUM, diagnostic use/ *VENA CAVA, INFERIOR, surgery

3632. **Harman RR:** Leukocytoclastic vasculitis with chronic fibrosing panniculitis. Br J Dermatol 97 Suppl 15:25–7, Jul 77
CASE REPORT/ CHRONIC DISEASE/ HUMAN/ INFLAMMATION/ LEUKOCYTES/ MALE/ MIDDLE AGE/ *PANNICULITIS, NODULAR NONSUPPURATIVE, complications/ PANNICULITIS, NODULAR NONSUPPURATIVE, immunology/ *PURPURA, complications/ *VASCULAR DISEASES, complications/ VASCULAR DISEASES, immunology

3633. **Harman RR:** Primary biliary cirrhosis with unusual vascular skin changes. Br J Dermatol 97 Suppl 15:62–4, Jul 77
CASE REPORT/ FEMALE/ *HEMANGIOMA, complications/ HUMAN/ *LIVER CIRRHOSIS, OBSTRUCTIVE, complications/ MIDDLE AGE/ *SKIN NEOPLASMS/ *SKIN NEOPLASMS, complications/ *SKIN, blood supply/ VASCULAR DISEASES, etiology

3634. **Harmon JT, Hilf R:** Identification and characterization of the insulin receptor in the R3230AC mammary adenocarcinoma of the rat. Cancer Res 36(11 Pt 1):3993–4000, Nov 76
*ADENOCARCINOMA, metabolism/ ANIMAL/ BINDING SITES/ BINDING, COMPETITIVE/ CELL COUNT/ CENTRIFUGATION/ DIABETES MELLITUS, chemically induced/ DIABETES MELLITUS, metabolism/ FEMALE/ FILTRATION/ INSULIN, metabolism/ INSULIN, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *MAMMARY NEOPLASMS, EXPERIMENTAL, metabolism/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ RATS/ *RECEPTORS, INSULIN, metabolism/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ STREPTOZOTOCIN/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3635. **Harpel PC:** Human alpha2-macroglobulin. Methods Enzymol 45:639–52, 1976
*ALPHA MACROGLOBULINS/ ALPHA MACROGLOBULINS, isolation & purification/ ALPHA MACROGLOBULINS, metabolism/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GEL/ DRUG STABILITY/ FIBRINOLYSIN/ HUMAN/ MACROMOLECULAR SYSTEMS/ METHODS/ MOLECULAR WEIGHT/ POLYETHYLENE GLYCOLS/ PROTEIN BINDING/ TRYPSIN

3636. **Harpel PC:** Plasmin inhibitor interactions. The effectiveness of alpha2-plasmin inhibitor in the presence of alpha2-macroglobulin. J Exp Med 146(4):1033–40, 1 Oct 77
*ALPHA MACROGLOBULINS, metabolism/ BINDING, COMPETITIVE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME INHIBITORS, metabolism/ *FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, metabolism/ HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3637. **Harris CI, Rao L, Shutsa P, et al:** Amino acid sequence of penicillopepsin. III. Isolation and characterization of amino terminal, tryptic, and tryptophanyl peptides. Can J Biochem 54(10):895–901, Oct 76
AMINO ACID SEQUENCE/ PENICILLINS/ PENICILLIUM, enzymology/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDE PEPTIDOHYDROLASES/ SUBTILISINS/ TRYPSIN/ TRYPTOPHAN, analysis

3638. **Harris DE, Offord RE:** A functioning complex between tryptic fragments of cytochrome c. A route to the production of semisynthetic analogues. Biochem J 161(1):21–5, 1 Jan 77
P-FLUOROPHENYLALANINE/ ANIMAL/ *CYTOCHROME C/ CYTOCHROME C, analogs & derivatives/ CYTOCHROME C, chemical synthesis/ HORSES/ LYSINE/ MYOCARDIUM, enzymology/ ORNITHINE/ TRYPSIN

3639. **Harris GE, Cloud S, Myhre BA:** An elapsed time-temperature monitor for blood storage. Transfusion 17(3):282-4, May-Jun 77
*BLOOD PRESERVATION, methods/ TEMPERATURE/ TIME

3640. **Harris JR:** Shape changes of the human erythrocyte 'ghost'. Biochem Soc Trans 4(4):664-7, 1976
*ERYTHROCYTE MEMBRANE, ultrastructure/ *ERYTHROCYTES, ultrastructure/ HEMOGLOBINS/ HEPARIN/ HUMAN/ KINETICS/ TEMPERATURE

3641. **Harris MA, Reddy CA:** Hydrogenase activity and the H2-fumarate electron transport system in Bacteroides fragilis. J Bacteriol 131(3):922-8, Sep 77
ACRIFLAVINE, pharmacodynamics/ ANAEROBIOSIS/ ANTIMYCIN A, pharmacodynamics/ BACTEROIDES FRAGILIS, enzymology/ *BACTEROIDES FRAGILIS, metabolism/ ELECTRON TRANSPORT, drug effects/ ELECTRON TRANSPORT, radiation effects/ *FUMARATES, metabolism/ HYDROGEN, metabolism/ HYDROXYQUINOLINES, pharmacodynamics/ *OXIDOREDUCTASES, metabolism/ ROTENONE, pharmacodynamics/ SULFHYDRYL COMPOUNDS, pharmacodynamics/ ULTRAVIOLET RAYS/ VITAMIN K, pharmacodynamics

3642. **Harris RD:** The etiology of inferior vena caval obstruction and compression.
CRC Crit Rev Clin Radiol Nucl Med 8(1):57-86, 1976 (70 ref.)
ADENOCARCINOMA, radiography/ CHILD, PRESCHOOL/ COLLATERAL CIRCULATION/ FEMALE/ FIBROMA, radiography/ HODGKIN'S DISEASE, radiography/ HUMAN/ KIDNEY NEOPLASMS, radiography/ LEIOMYOSARCOMA, radiography/ MALE/ NEOPLASM METASTASIS/ NEPHROBLASTOMA, radiography/ NEUROBLASTOMA, radiography/ POLYCYTHEMIA VERA, radiography/ PROSTATIC NEOPLASMS, radiography/ PYELONEPHRITIS, radiography/ RETROPERITONEAL FIBROSIS, radiography/ RETROPERITONEAL NEOPLASMS, radiography/ REVIEW/ THROMBOSIS, radiography/ TUBERCULOSIS, LYMPH NODE, radiography/ UTERINE NEOPLASMS, radiography/ *VENA CAVA, INFERIOR, radiography

3643. **Harris SK, Bone RC, Ruth WE:** Gastrointestinal hemorrhage in patients in a respiratory intensive care unit. Chest 72(3):301-4, Sep 77
ANTACIDS, therapeutic use/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, prevention & control/ HUMAN/ INTENSIVE CARE UNITS/ RESPIRATION, ARTIFICIAL/ *RESPIRATORY DISTRESS SYNDROME, ADULT, complications/ RISK/ STATISTICS/ THROMBOPENIA, complications

3644. **Harris VJ, Meeks W, Goldbarg H:** Organizing hematoma in a child presenting as a 'doughnut lesion' on nuclear scan. Case report. Childs Brain 3(4):213-8, 1977
*BRAIN ABSCESS, diagnosis/ CASE REPORT/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, complications/ *CEREBRAL ARTERIOVENOUS MALFORMATIONS, diagnosis/ *CEREBRAL HEMORRHAGE, diagnosis/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ *HEMATOMA, diagnosis/ HEMATOMA, etiology/ HUMAN/ MALE/ *RADIONUCLIDE IMAGING/ SYNDROME

3645. **Harris WH, Athanasoulis C, Waltman AC, et al:** Cuff-impedance phlebography and 125I fibrinogen scanning versus roentgenographic phlebography for diagnosis of thrombophlebitis following hip surgery. A preliminary report. J Bone Joint Surg [Am] 58(7):939-44, Oct 76
COMPARATIVE STUDY/ FEMORAL VEIN, radiography/ *FIBRINOGEN, metabolism/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS/ *PHLEBOGRAPHY/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ *RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, radiography/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3646. **Harris WH:** Chapin Oration: Detection and prevention of thromboembolic disease. RI Med J 59(10):452-3, 466-70, Oct 76
HIP, surgery/ HUMAN/ KNEE, surgery/ POSTOPERATIVE COMPLICATIONS/ THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control

3647. **Harris WH, Raines JK, Athanasoulis C, et al:** External pneumatic compression versus warfarin in reducing thrombosis in high-risk hip patients. pp. 51-60.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976.
AIR/ COMPARATIVE STUDY/ *HIP JOINT, surgery/ HUMAN/ JOINT PROSTHESIS/ LEG, blood supply/ MONOGRAPH/ PHLEBOGRAPHY/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PRESSURE/ RISK/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ *WARFARIN, therapeutic use

3648. **Harrison AC, Breslin AB:** Recurrent venous thrombosis (thrombophlebitis migrans) and carcinoma of the lung. Med J Aust 1(25):927-9, 18 Jun 77
*ADENOCARCINOMA, complications/ CASE REPORT/ HUMAN/ *LUNG NEOPLASMS, complications/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, etiology/ RECURRENCE/ *THROMBOPHLEBITIS, etiology

3649. **Harrison HN, Gutterman B, Haynie M, et al:** Changes in anticoagulation in dogs assayed by three methods. Lab Anim Sci 26(6 Pt 1):917-21, Dec 76
ANIMAL/ BLOOD COAGULATION TESTS, methods/ *BLOOD COAGULATION TESTS, veterinary/ COMPARATIVE STUDY/ *DOGS, blood/ HEPARIN, pharmacodynamics

3650. **Harrison MJ, Brossmer R:** Inhibition of ADP-induced platelet aggregation by adenosine tetraphosphate. Thromb Haemostas 36(2):388-91, 30 Nov 76
*ADENINE NUCLEOTIDES, pharmacodynamics/ *ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, metabolism/ HUMAN/ IN VITRO/ *PLATELET AGGREGATION, drug effects/ SEROTONIN, blood

3651. **Harrison MW, Connell RS, Campbell JR, et al:** Microcirculatory changes in the lung of the hypoxic and hypovolemic puppy: an electron microscope study. Ann Surg 185(3):311-7, Mar 77
ANIMAL/ ANIMALS, NEWBORN/ *ANOXIA, pathology/ BLOOD GAS ANALYSIS/ BLOOD PLATELETS, ultrastructure/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ DOGS/ ENDOTHELIUM, ultrastructure/ EPITHELIAL CELLS, ultrastructure/ LUNG, ultrastructure/ MICROCIRCULATION, ultrastructure/ PULMONARY ALVEOLI, blood supply/ *PULMONARY CIRCULATION/ *SHOCK, pathology

3652. **Harrower AD:** Cardiovascular disease in diabetes mellitus. Br J Clin Pract 31(5):47-51, May 77 (30 ref.)
ARTERIOSCLEROSIS, complications/ BLOOD COAGULATION DISORDERS, etiology/ *CARDIOVASCULAR DISEASES, etiology/ COMPARATIVE STUDY/ DIABETES MELLITUS, blood/ *DIABETES MELLITUS, complications/ DIABETIC ANGIOPATHIES/ FEMALE/ HUMAN/ HYPERGLYCEMIA, complications/ HYPERTENSION, complications/ MALE/ OBESITY IN DIABETES, complications/ REVIEW

3653. **Hart DA, Streilein JS:** Stimulation of a subpopulation of hamster lymphoid cells by trypsin and chymotrypsin. Exp Cell Res 102(2):246–52, 15 Oct 76
*CHYMOTRYPSIN, pharmacodynamics/ CONCANAVALIN A, pharmacodynamics/ HAMSTERS/ LIPOPOLYSACCHARIDES, pharmacodynamics/ LYMPH NODES, cytology/ *LYMPHOCYTE TRANSFORMATION, drug effects/ SPLEEN, cytology/ T-LYMPHOCYTES, drug effects/ TRYPSIN INHIBITORS, pharmacodynamics/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3654. **Hart DA, Streilein JS:** Effect of protease inhibitors on mitogen stimulation of hamster lymphoid cells. Exp Cell Res 102(2):253–63, 15 Oct 76
*AMINO ACID CHLOROMETHYL KETONES, pharmacodynamics/ *AMINOCAPROIC ACIDS, pharmacodynamics/ CONCANAVALIN A/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GLUTATHIONE, pharmacodynamics/ HAMSTERS/ LEUCINE, metabolism/ LIPOPOLYSACCHARIDES/ LYMPH NODES, cytology/ *LYMPHOCYTE TRANSFORMATION, drug effects/ *PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ SPLEEN, cytology/ *SULFONES, pharmacodynamics/ THYMIDINE, metabolism/ *TOSYLLYSINE CHLOROMETHYL KETONE, pharmacodynamics/ *TOSYLPHENYLALANYL CHLOROMETHYL KETONE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3655. **Hart DA, Streilein JS:** Differential effect of trypsin and trypsin inhibitors on lipopolysaccharide stimulation of hamster lymphoid cells. Exp Cell Res 107(2):434–9, Jul 77
*B-LYMPHOCYTES, drug effects/ DEXTRAN/ HAMSTERS/ *LIPOPOLYSACCHARIDES, pharmacodynamics/ LYMPH NODES, cytology/ *LYMPHOCYTE TRANSFORMATION, drug effects/ SPLEEN, cytology/ *T-LYMPHOCYTES, drug effects/ *TRYPSIN INHIBITORS, pharmacodynamics/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3656. **Hart GB:** Screening test for decompression sickness. Aviat Space Environ Med 47(9):993–4, Sep 76
ADOLESCENCE/ ADULT/ DECOMPRESSION SICKNESS, blood/ *DECOMPRESSION SICKNESS, diagnosis/ DECOMPRESSION SICKNESS, therapy/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ HEPARIN, therapeutic use/ HUMAN/ HYPERBARIC OXYGENATION/ MALE/ MIDDLE AGE

3657. **Hart GB:** Screening test for decompression sickness. Aviat Space Environ Med 47(9):993–4, Sep 76
ADOLESCENCE/ ADULT/ *DECOMPRESSION SICKNESS, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DIVING/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, blood/ HUMAN/ HYPERBARIC OXYGENATION/ MALE/ MIDDLE AGE

3658. **Hartel W, Lenz J:** Der traumatische Schock. Pathophysiologie, Behandlung Fortschr Med 95(8):477–81, 24 Feb 77 **(Ger)**
ANTIBIOTICS, therapeutic use/ CARDIAC VOLUME/ HEART RATE/ HEPARIN, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PLASMA SUBSTITUTES, therapeutic use/ *SHOCK, TRAUMATIC/ SHOCK, TRAUMATIC, drug therapy/ SHOCK, TRAUMATIC, physiopathology/ STREPTOKINASE, therapeutic use/ VENOUS PRESSURE

3659. **Harter ML, Felkner IC, Song PS:** Near-UV effects of 5,7-dimethoxycourmain in Bacillus subtilis. Photochem Photobiol 24(5):491–3, Nov 76
BACILLUS SUBTILIS, drug effects/ *BACILLUS SUBTILIS, radiation effects/ *COUMARINS, pharmacodynamics/ DNA REPAIR, drug effects/ DNA REPAIR, radiation effects/ *ULTRAVIOLET RAYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3660. **Hartman AD:** Lipoprotein lipase distribution in rat adipose tissues: effect on chylomicron uptake. Am J Physiol 232(3):E316–23, Mar 77
ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, enzymology/ ANIMAL/ BODY WEIGHT/ CAPILLARIES, enzymology/ *CHYLOMICRONS, metabolism/ ENDOTHELIUM, enzymology/ EPIDIDYMIS, cytology/ EPIDIDYMIS, enzymology/ FASTING/ FATTY ACIDS, metabolism/ FATTY ACIDS, NONESTERIFIED, metabolism/ FOOD/ KIDNEY, cytology/ KIDNEY, enzymology/ *LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, metabolism/ LIPOPROTEINS, VLDL, metabolism/ MALE/ MESENTERY, cytology/ MESENTERY, enzymology/ RATS/ SKIN, cytology/ SKIN, enzymology/ TRIGLYCERIDES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3661. **Hartmann JX, Galla JD, Emma DA, et al:** The fusion of erythrocytes by treatment with proteolytic enzymes and polyethylene glycol. Can J Genet Cytol 18(3):503–12, Sep 76
*CELL FUSION/ CELL SURVIVAL/ CHICKENS/ DEXTRAN, pharmacodynamics/ *ERYTHROCYTES, cytology/ ERYTHROCYTES, drug effects/ HEMOLYSIS, drug effects/ HYDROGEN-ION CONCENTRATION/ MANGANESE, pharmacodynamics/ PEPSIN, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ *POLYETHYLENE GLYCOLS, pharmacodynamics/ RABBITS/ TRYPSIN, pharmacodynamics

3662. **Hartmann RC, Arnold AB:** Paroxysmal nocturnal hemoglobinuria (PNH) as a clonal disorder. Annu Rev Med 28:187–94, 1977 (27 ref.)
ACETYLCHOLINESTERASE, metabolism/ BLOOD PLATELETS, pathology/ BONE MARROW CELLS, pathology/ CHROMOSOME ABNORMALITIES/ COMPLEMENT/ ERYTHROCYTES, enzymology/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE/ HEMOGLOBINURIA, PAROXYSMAL, blood/ *HEMOGLOBINURIA, PAROXYSMAL, familial & genetic/ HEMOLYSIS/ HUMAN/ KARYOTYPING/ LEUKOCYTES, pathology/ REVIEW/ SUCROSE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3663. **Harvey SC, Cheung HC, Thames KE:** Cooperativity in F-actin filaments on binding of myosin subfragments, demonstrated by fluorescence of 1, N6- ethenoadenosine diphosphate. Arch Biochem Biophys 179(2):391–6, Mar 77
*ACTIN/ ACTIN, metabolism/ *ADENOSINE DIPHOSPHATE, analogs & derivatives/ BINDING SITES/ ETHENOADENOSINE TRIPHOSPHATE/ MACROMOLECULAR SYSTEMS/ MEROMYOSINS, metabolism/ MYOSIN, metabolism/ PROTEIN BINDING/ SPECTROMETRY, FLUORESCENCE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3664. **Harwig JF, Harwig SS, Eichling JO, et al:** 123I-labeled soluble fibrin: preparation and comparison with other thrombus imaging agents. Int J Appl Radiat Isot 28(1-2):157–62, Jan-Feb 77
ANIMAL/ COMPARATIVE STUDY/ DOGS/ FEMORAL VEIN/ *FIBRIN, diagnostic use/ FIBRINOGEN, diagnostic use/ *IODINE RADIOISOTOPES, diagnostic use/ ISOTOPE LABELING, methods/ *RADIONUCLIDE IMAGING/ *THROMBOSIS, diagnosis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3665. **Harwig SL, Harwig JF, Sherman LA, et al:** Radioiodinated plasminogen: an imaging agent for pre-existing thrombi. J Nucl Med 18(1):42–5, Jan 77
ANIMAL/ DOGS/ *IODINE RADIOISOTOPES, diagnostic use/ *PLASMINOGEN, diagnostic use/ *RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, diagnosis/ UNITED

STATES GOVERNMENT SUPPORTED, N.I.H.

3666. **Harzbecker K, Mährlein W, Krause M, et al:** Aspekte der risikoarmen Anwendung des Mikroherzkatheterismus bei 3342 Untersuchungen Z Gesamte Inn Med 31(15):592–6, 1 Aug 76 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ HEART CATHETERIZATION, adverse effects/ *HEART CATHETERIZATION, methods/ HEART DEFECTS, CONGENITAL, diagnosis/ *HEART DISEASES, diagnosis/ HUMAN/ MICROMANIPULATION/ PERICARDITIS, CONSTRICTIVE, diagnosis/ TACHYCARDIA, etiology/ THROMBOPHLEBITIS, etiology

3667. **Hasart E, Roigas H, Roth W:** Der Einfluss von Inosin, anorganischem Phosphat und Pyruvat auf die Glykolysematabolite in Erythrozyten unter Konservierungsbedingungen Folia Haematol (Leipz) 103(4):559–72, 1976 (Eng. Abstr.) **(Ger)**
ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ DIHYDROXYACETONE PHOSPHATE, blood/ DIPHOSPHOGLYCERIC ACIDS, blood/ ENGLISH ABSTRACT/ *ERYTHROCYTES, drug effects/ FRUCTOSEPHOSPHATES, blood/ GLUCOSEPHOSPHATES, blood/ GLYCEROPHOSPHATES, blood/ GLYCOLYSIS, drug effects/ HUMAN/ *INOSINE, pharmacodynamics/ *PHOSPHATES, pharmacodynamics/ *PYRUVATES, pharmacodynamics

3668. **Haschen RJ:** Diagnostic significance of proteolytic enzymes. Z Med Lab Diagn 18(3):147–58, Jun 77 (27 ref.) (Eng. Abstr.)
ADULT/ ANIMAL/ CHOLESTASIS, diagnosis/ ENGLISH ABSTRACT/ ENZYME TESTS/ FEMALE/ HUMAN/ KIDNEY DISEASES, diagnosis/ LIVER DISEASES, diagnosis/ MALE/ *PEPTIDE HYDROLASES, blood/ PLACENTA DISORDERS, diagnosis/ PREGNANCY/ RATS/ REVIEW

3669. **Hase T, Matsubara H, Evans MC:** Amino acid sequence of chromatium vinosum ferredoxin: revisions. J Biochem (Tokyo) 81(6):1745–9, Jun 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *CHROMATIUM/ CHYMOTRYPSIN/ COMPARATIVE STUDY/ *FERREDOXINS/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ SPECIES SPECIFICITY/ STAPHYLOCOCCUS, enzymology

3670. **Hasebe H, Yamazaki S, Almazan AM, et al:** Inhibition of chloroplast adenosine triphosphatase activity by adenosine triphosphatase inhibitor from beef heart mitochondria. Biochem Biophys Res Commun 77(3):932–8, 8 Aug 77
*ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ANIMAL/ CALCIUM, pharmacodynamics/ CATTLE/ *CHLOROPLASTS, enzymology/ ENZYME ACTIVATION/ HEAT/ KINETICS/ MITOCHONDRIA, MUSCLE, enzymology/ *MITOCHONDRIA, MUSCLE, physiology/ *MUSCLE PROTEINS, pharmacodynamics/ MYOCARDIUM/ OXIDATIVE PHOSPHORYLATION COUPLING FACTORS, pharmacodynamics/ TRYPSIN

3671. **Hasegawa H:** [Pulmonary embolism (author's transl)] Respir Circ (Tokyo) 24(9):797–803, 15 Sep 76 **(Jpn)**
CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, diagnosis

3672. **Hasegawa H, Watanabe N, Nagata H, et al:** Analysis of the disappearance curve of labelled fibrinogen at the time of hyperfibrinogenemia in rabbits with acute or chronic intravascular coagulation. Thromb Haemostas 36(1):49–59, 31 Aug 76
ACUTE DISEASE/ ANIMAL/ CHRONIC DISEASE/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *FIBRINOGEN, blood/ HALF-LIFE/ IODINE RADIOISOTOPES, diagnostic use/ RABBITS

3673. **Hasegawa H, Nagata H, Murao M:** Studies on the tissue thromboplastin during the coagulation-fibrinolytic process--ultrastructural changes. Thromb Haemostas 37(3):541–8, 30 Jun 77
ANIMAL/ *BLOOD COAGULATION/ CATTLE/ *FIBRINOLYSIS/ HUMAN/ MEMBRANES/ MICROSCOPY, ELECTRON/ RABBITS/ *THROMBOPLASTIN/ UROKINASE

3674. **Hasegawa M:** [Leukemoid reaction (author's transl)] Acta Haematol Jpn 39(5):561–9, Oct 76 (Eng. Abstr.) **(Jpn)**
ANIMAL/ ENGLISH ABSTRACT/ *ERYTHROBLASTS, ultrastructure/ *ERYTHROCYTES, ultrastructure/ FIBRINOLYSIS/ HUMAN/ *LEUKEMOID REACTION, etiology/ LEUKEMOID REACTION, pathology/ RABBITS

3675. **Haselager EM, Goote TM, Vreeken J:** Plasmin inactivation in plasma. Thromb Haemostas 35(3):643–50, 30 Jun 76
ALPHA MACROGLOBULINS/ ALPHA 1-ANTITRYPSIN/ BLOOD COAGULATION TESTS/ ENZYME INHIBITORS/ ESTERASES, antagonists & inhibitors/ *FIBRINOLYSIN, antagonists & inhibitors/ HUMAN

3676. **Haselager EM, Vreeken J:** Rebound thrombocytosis after alcohol abuse: a possible factor in the pathogenesis of thromboembolic disease. Lancet 1(8015):774–5, 9 Apr 77
ADULT/ *ALCOHOLISM, blood/ ALCOHOLISM, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS, pathology/ *DRUG WITHDRAWAL SYMPTOMS, blood/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOCYTOSIS, etiology/ *THROMBOEMBOLISM, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3677. **Hashimoto H, Enjoji M, Kajiwara M:** [Intramuscular hemangioma. A clinicopathologic observation (author's transl)] Fukuoka Acta Med 67(12):473–83, 25 Dec 76 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ *MUSCLES, blood supply

3678. **Hashmonai M, Schramek A, Farbstein J:** Cephalic vein cross-over bypass for subclavian vein thrombosis: a case report. Surgery 80(5):563–4, Nov 76
ADULT/ *ARM, blood supply/ ARTERIOVENOUS SHUNT, SURGICAL/ AXILLARY VEIN, surgery/ CASE REPORT/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ METHODS/ *SUBCLAVIAN VEIN/ SUBCLAVIAN VEIN, surgery/ *THROMBOPHLEBITIS, surgery/ VEINS, surgery

3679. **Hasiba U, Spero JA, Lewis JH:** Chronic hepatitis in hemophilia. Scand J Haematol (30):27–32, 1977
ALANINE AMINOTRANSFERASE, blood/ ANTI-AUSTRALIA ANTIGEN, analysis/ ASPARTATE AMINOTRANSFERASE, blood/ FACTOR IX, adverse effects/ *FACTOR VIII, adverse effects/ FACTOR VIII, therapeutic use/ HEMOPHILIA, therapy/ HEPATITIS B SURFACE ANTIGEN, analysis/ *HEPATITIS B, chemically induced/ HUMAN/ *LIVER DISEASES, chemically induced/ SPLENOMEGALY, chemically induced

3680. **Hasilik A, Tanner W:** Inhibition of the apparent rate of synthesis on the vacuolar glycoprotein carboxypeptidase Y and its protein antigen by turicamycin in Saccharomyces cerevisiae. Antimicrob Agents Chemother 10(3):402–10, Sep 76
*ANTIBIOTICS, pharmacodynamics/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, FUNGAL/ *CARBOXYPEPTIDASES, biosynthesis/ CARBOXYPEPTIDASES, immunology/ DEPRESSION, CHEMICAL/ GLUCOSAMINE, analogs & derivatives/ GLUCOSAMINE, pharmacodynamics/ IMMUNE SERUMS/ MANNANS, metabolism/ *ORGANOIDS, enzymology/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PRECIPITIN TESTS/ *SACCHAROMYCES CEREVISIAE, enzymology/ SACCHAROMYCES CEREVISIAE, immunology/ SUCRASE, metabolism/ *VACUOLES, enzymology

3681. **Hasitz M, Harsányi V, Rácz Z, et al:** Comparative studies

on platelet membrane preparations.
Haematologia (Budap) 10(3-4):343-52, 1976
*BLOOD PLATELETS, cytology/ BLOOD PROTEINS/ *CELL MEMBRANE/ CENTRIFUGATION, DENSITY GRADIENT/ COMPARATIVE STUDY/ DETERGENTS/ GLYCERIN/ MOLECULAR WEIGHT/ OSMOTIC PRESSURE/ SOLUBILITY

3682. **Haskins SC:** Sampling and storage of blood for pH and blood gas analysis. J Am Vet Med Assoc 110(4):429-33, 15 Feb 77 (38 ref.)
ANIMAL/ ARTERIES/ BICARBONATES, blood/ *BLOOD PRESERVATION, methods/ BLOOD PRESERVATION, veterinary/ *BLOOD SPECIMEN COLLECTION, methods/ BLOOD SPECIMEN COLLECTION, veterinary/ BLOOD/ BODY TEMPERATURE/ CAPILLARIES/ *CARBON DIOXIDE, blood/ DOGS, blood/ HEMOGLOBINS, analysis/ HUMAN/ *HYDROGEN-ION CONCENTRATION/ *OXYGEN, blood/ REVIEW/ TEMPERATURE/ VEINS

3683. **Haskovec C, Kinkor M:** Interaction of lectins with surface membrane receptors of animal cells. I. Factors responsible for agglutinability of human, rabbit, and sheep erythrocytes with concanavalin A. Folia Biol (Praha) 22(4):225-34, 1976
ANIMAL/ BINDING SITES/ CHONDROITIN SULFATES, pharmacodynamics/ *ERYTHROCYTES, immunology/ HUMAN/ NEURAMINIDASE, pharmacodynamics/ POLYLYSINE, pharmacodynamics/ POLYVINYLPYRROLIDONE, pharmacodynamics/ RABBITS/ SHEEP/ SPECIES SPECIFICITY/ TEMPERATURE/ TRYPSIN, pharmacodynamics

3684. **Haslam RJ, Lynham JA:** Increased phosphorylation of specific blood platelet proteins in association with the release reaction. Biochem Soc Trans 4(4):694-7, 1976
A-23187, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ *BLOOD PROTEINS, metabolism/ COLLAGEN, pharmacodynamics/ CYTOCHALASIN B, pharmacodynamics/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ETHYLMALEIMIDE, pharmacodynamics/ HUMAN/ INDOMETHACIN, pharmacodynamics/ IPROVERATRIL, pharmacodynamics/ MOLECULAR WEIGHT/ *PHOSPHOPROTEINS, blood/ PROSTAGLANDINS E, pharmacodynamics

3685. **Haslam RJ, Lynham JA:** Relationship between phosphorylation of blood platelet proteins and secretion of platelet granule constituents. I. Effects of different aggregating agents. Biochem Biophys Res Commun 77(2):714-22, 25 Jul 77
A-23187, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ COLLAGEN, pharmacodynamics/ CYTOPLASMIC GRANULES, drug effects/ *CYTOPLASMIC GRANULES, metabolism/ DIMETHYL SULFOXIDE, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ HUMAN/ KINETICS/ MOLECULAR WEIGHT/ *PHOSPHOPROTEINS, blood/ *PLATELET AGGREGATION, drug effects/ SEROTONIN, blood/ THROMBIN, pharmacodynamics

3686. **Hassler O, Fodstad H:** Fibrinolytic activity in the walls of cerebral saccular aneurysms. Acta Neurochir (Wien) 37(1-2):49-55, 1977
ADULT/ AGED/ AUTOLYSIS/ *CEREBRAL ANEURYSM, metabolism/ *CEREBRAL ARTERIES, metabolism/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, cerebrospinal fluid/ *FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ TIME FACTORS

3687. **Hatcher VB, Wertheim MS, Rhee CY, et al:** Relationship between cell surface protease activity and doubling time in various normal and transformed cells.
Biochim Biophys Acta 451(2):499-510, 21 Dec 76
ANIMAL/ AORTA, enzymology/ CELL DIVISION/ CELL LINE/ *CELL MEMBRANE, enzymology/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ ENZYME ACTIVATION/ FIBRINOLYSIN, metabolism/ FIBROBLASTS, enzymology/ HUMAN/ INFANT, NEWBORN/ KINETICS/ MALE/ *PEPTIDE HYDROLASES, metabolism/ PLASMINOGEN, metabolism/ RABBITS/ *SKIN, enzymology/ TIME FACTORS/ TRANSCRIPTION, GENETIC/ TRANSLATION, GENETIC/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3688. **Hatcher VB, Lazarus GS, Levine N, et al:** Characterization of a chemotactic and cytotoxic proteinase from human skin. Biochim Biophys Acta 483(1):160-71, 8 Jul 77
ALPHA MACROGLOBULINS, pharmacodynamics/ AMINO ACIDS, analysis/ ANIMAL/ FIBROBLASTS, metabolism/ HUMAN/ INFLAMMATION, chemically induced/ ISOFLUROPHATE, pharmacodynamics/ LEUCINE, metabolism/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PROTEINS, biosynthesis/ RABBITS/ *SKIN, enzymology/ SKIN, pathology/ TRYPSIN INHIBITORS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3689. **Hatcher VB, Oberman MS, Wertheim MS, et al:** The relationship between surface protease activity and the rate of cell proliferation in normal and transformed cells.
Biochem Biophys Res Commun 76(2):602-8, 23 May 76
CASEIN, metabolism/ CELL DIVISION/ *CELL MEMBRANE, enzymology/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ FIBROBLASTS, enzymology/ HUMAN/ *MELANOMA, enzymology/ MICE/ MUSCLES, enzymology/ *PEPTIDE HYDROLASES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3690. **Hathaway WE:** Easy bruising in children. Postgrad Med 61(3):224-6, 228, Mar 77
CHILD/ *CONTUSIONS, complications/ *ECCHYMOSIS, etiology/ *HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN

3691. **Hathaway WE, Wuepper KD, Weston WL, et al:** Clinical and physiologic studies of two siblings with prekallikrein (Fletcher factor) deficiency. Am J Med 60(5):654-64, 10 May 76
ADOLESCENCE/ ADULT/ BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CASE REPORT/ CHEMOTAXIS, LEUKOCYTE/ CHILD/ CHILD, PRESCHOOL/ COMPLEMENT, analysis/ FIBRINOLYSIS/ HUMAN/ *KALLIKREIN/ MALE/ PLATELET ADHESIVENESS/ PLATELET FACTOR 3, analysis/ *PREKALLIKREIN/ SERUM GLOBULINS, analysis/ SKIN TESTS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3692. **Hattersley PG:** Progress report: the activated coagulation time of whole blood (ACT). Am J Clin Pathol 66(5):899-904, Nov 76
BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ *MONITORING SYSTEMS/ THROMBOEMBOLISM, drug therapy

3693. **Hattersley PG, Kunkel M:** Cryoprecipitates as a source of fibrinogen in treatment of disseminated introvascular coagulation (DIC). Transfusion 16(6):641-5, Nov-Dec 76
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ *COLD/ *DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FEMALE/ *FIBRINOGEN, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MALE/ PRECIPITATION

3694. **Hattersley PG:** Unrecognized causes of platelet transfusion failure in the presence of anti-HL-A antibodies.
West J Med 126(4):263-6, Apr 77
ADULT/ *BLOOD PLATELETS/ *BLOOD

TRANSFUSION/ CASE REPORT/ FEMALE/ *HISTOCOMPATIBILITY ANTIGENS/ *HL-A/ HUMAN/ *ISOANTIBODIES, analysis/ MALE/ MIDDLE AGE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3695. **Hatton MW, Regoeczi E:** The inactivation of thrombin and plasmin by antithrombin III in the presence of sepharose-heparin. Thromb Res 10(5):645–60, May 77
ANIMAL/ *ANTITHROMBINS, pharmacodynamics/ ARGININE/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ ESTERASES, metabolism/ *FIBRINOLYSIN/ *HEPARIN/ HUMAN/ IN VITRO/ *POLYSACCHARIDES/ PROTEIN BINDING/ RABBITS/ *SEPHAROSE/ *THROMBIN

3696. **Hattori A, Jinbo C:** [Platelet morphology and function--adhesion, aggregation and release reaction (author's transl)] Acta Haematol Jpn 39(5):633–52, Oct 76 (Eng. Abstr.) **(Jpn)**
ANIMAL/ *BLOOD PLATELETS, ultrastructure/ ENGLISH ABSTRACT/ HUMAN/ *PLATELET ADHESIVENESS/ *PLATELET AGGREGATION/ RABBITS

3697. **Hau T, Simmons RL:** Anticoagulation in the treatment of experimental peritonitis. Surg Forum 27(62):458–60, 1976
ANIMAL/ DOGS/ *HEPARIN, therapeutic use/ *PERITONITIS, drug therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3698. **Hauptmann J, Hoffmann J, Markwardt F:** Zur Wirkung von aromatischen Bisamidinen auf Blutgerinnungs- und Fibrinolysevorgänge Acta Biol Med Ger 35(5):635–44, 1976 (Eng. Abstr.) **(Ger)**
*AMIDINES, pharmacodynamics/ ANIMAL/ *BLOOD COAGULATION, drug effects/ CATTLE/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FIBRINOLYSIS, drug effects/ HUMAN/ HYDROLYSIS/ PHENYLPYRUVIC ACIDS, pharmacodynamics/ PLATELET AGGREGATION, drug effects

3699. **Hauschka PV, Friedman PA, Traverso HP, et al:** Vitamin K-dependent gamma-carboxyglutamic acid formation by kidney microsomes in vitro.
Biochem Biophys Res Commun 71(4):1207–13, 23 Aug 76
ANIMAL/ BICARBONATES, metabolism/ BISHYDROXYCOUMARIN, pharmacodynamics/ BONE AND BONES, drug effects/ BONE AND BONES, metabolism/ CHICKENS/ *GLUTAMATES, biosynthesis/ *KIDNEY, cytology/ KIDNEY, drug effects/ KIDNEY, metabolism/ MICROSOMES, drug effects/ *MICROSOMES, metabolism/ MICROSOMES, LIVER, drug effects/ MICROSOMES, LIVER, metabolism/ ORGAN SPECIFICITY/ RABBITS/ RATS/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, pharmacodynamics

3700. **Haust MD:** Myogenic foam cells in explants of fatty dots and streaks from rabbit aorta. Morphological studies.
Atherosclerosis 26(4):441–64, Apr 77
ANIMAL/ *AORTA, ultrastructure/ *ARTERIOSCLEROSIS, pathology/ *ATHEROSCLEROSIS, pathology/ CELLS, CULTURED/ CELLULAR INCLUSIONS, ultrastructure/ *FATTY STREAK, ARTERIAL, pathology/ FOAM CELLS, metabolism/ *FOAM CELLS, ultrastructure/ *MACROPHAGES, ultrastructure/ RABBITS

3701. **Haustein UF, Klug H:** Elektronenmikroskopische Untersuchungen zur Vasculitis allergica
Dermatol Monatsschr 162(6):499–511, Jun 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS, BACTERIAL/ ANTIGENS, FUNGAL/ ARTHUS PHENOMENON/ DERMATITIS, ATOPIC, immunology/ *DERMATITIS, ATOPIC, pathology/ DRUG HYPERSENSITIVITY, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PENICILLINS, immunology/ SHWARTZMAN PHENOMENON/ *SKIN, ultrastructure

3702. **Hauswaldt C, Schröter C:** Die Hyperplasie der Haemopoese in relation zur peripheren Blutzell-Vermehrung bei unbehandelter und 32P-behandelter Polycythaemia vera
Klin Wochenschr 54(17):823–6, 1 Sep 76 **(Ger)**
BIOPSY, methods/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD VESSELS/ BONE MARROW EXAMINATION/ COMPARATIVE STUDY/ ERYTHROCYTE COUNT/ ERYTHROPOIESIS/ GRANULOCYTES/ *HEMATOPOIESIS, drug effects/ HUMAN/ HYPERPLASIA/ HYPERSPLENISM, blood/ ILIUM/ *PHOSPHORUS RADIOISOTOPES, therapeutic use/ *POLYCYTHEMIA VERA, blood/ POLYCYTHEMIA VERA, drug therapy/ SPLENOMEGALY, blood

3703. **Haverkate F, Kluft C:** Influence of some organic and inorganic ions on fibrinolysis in vitro.
Folia Haematol (Leipz) 103(3):389–98, 1976
ANIMAL/ BLOOD COAGULATION TESTS, methods/ CALCIUM, pharmacodynamics/ CATIONS, DIVALENT/ CATTLE/ CHEMISTRY, ORGANIC/ *FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, analysis/ IN VITRO/ *IONS/ MAGNESIUM, pharmacodynamics/ POTASSIUM, pharmacodynamics/ SODIUM, pharmacodynamics/ STRONTIUM, pharmacodynamics

3704. **Haverkate F, Timan G:** Protective effect of calcium in the plasmin degradation of fibrinogen and fibrin fragments D.
Thromb Res 10(6):803–12, Jun 77
*CALCIUM, pharmacodynamics/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRINOLYSIN, physiology/ HUMAN

3705. **Hawiger J:** Disseminated intravascular coagulation in patients with infections: diagnostic and therapeutic approach. Mater Med Pol 8(2):206–12, Apr-Jun 76 (27 ref.)
ADULT/ ANTIBIOTICS, therapeutic use/ BACTERIAL INFECTIONS/ BLOOD COAGULATION TESTS/ CHILD/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ HEMORRHAGIC DIATHESIS, etiology/ HEPARIN, therapeutic use/ HUMAN/ *INFECTION, complications/ INFECTION, drug therapy/ MALE/ MYCOSES, complications/ REVIEW/ THROMBIN, antagonists & inhibitors/ VIRUS DISEASES, complications

3706. **Hawiger J, Hawiger A, Steckley S, et al:** Membrane changes in human platelets induced by lipopolysaccharide endotoxin. Br J Haematol 35(2):285–99, Feb 77
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CELL MEMBRANE, drug effects/ COMPARATIVE STUDY/ *ENDOTOXINS, pharmacodynamics/ HUMAN/ IGG/ IMMUNOGLOBULINS, FC/ *LIPOPOLYSACCHARIDES, pharmacodynamics/ PLATELET FACTOR 3, pharmacodynamics/ *SALMONELLA ENTERITIDIS/ SEROTONIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3707. **Hayashi C, Ogawa Z:** TThe review and automation of enzymatic method for serum lipid determination (author's transl)] Jpn J Clin Pathol 24(8):638–44, Aug 76 **(Jpn)**
*CHOLESTEROL, blood/ LIPOPROTEIN LIPASE, diagnostic use/ METHODS/ *PHOSPHOLIPIDS, blood/ *TRIGLYCERIDES, blood

3708. **Hayashi H, Iwai K:** Calf thymus histone H2A. Purification and tryptic peptides. J Biochem (Tokyo) 80(4):681–92, Oct 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ *HISTONES/ HISTONES, isolation & purification/ KINETICS/ PEPTIDE FRAGMENTS, analysis/ *THYMUS GLAND, analysis/ TRYPSIN

3709. **Hayashi M, Marukawa S, Fujii H, et al:** [Effects of norepinephrine and phentolamine on acute intracranial hypertension] Brain Nerv 28(2):143–9, Feb 76 (Eng. Abstr.) **(Jpn)**

ADULT/ CASE REPORT/ CEREBRAL ANEURYSM, complications/ CEREBRAL ANEURYSM, surgery/ ENGLISH ABSTRACT/ HEMATOMA, etiology/ HUMAN/ *INTRACRANIAL PRESSURE, drug effects/ MALE/ MIDDLE AGE/ *NOREPINEPHRINE, pharmacodynamics/ *PHENTOLAMINE, pharmacodynamics/ RUPTURE, SPONTANEOUS/ SUBARACHNOID HEMORRHAGE, etiology

3710. **Hayashi M:** [Pharmacological studies of Shikon and Tooki. (2) Pharmacological effects of the pigment components, Shikonin and acetylshikonin] Folia Pharmacol Jpn 73(2):193–203, Mar 77 (Eng. Abstr.) **(Jpn)**
ANALGESICS AND ANTIPYRETICS/ ANIMAL/ BARBITURATES, pharmacodynamics/ BLOOD COAGULATION, drug effects/ BLOOD VESSELS, drug effects/ CAPILLARY PERMEABILITY, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SCREENING/ DRUG SYNERGISM/ EDEMA, drug therapy/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ GUINEA PIGS/ IN VITRO/ INTESTINES, drug effects/ MALE/ MICE/ PIGMENTS, administration & dosage/ *PIGMENTS, pharmacodynamics/ PIGMENTS, toxicity/ PLANT EXTRACTS, administration & dosage/ *PLANT EXTRACTS, pharmacodynamics/ PLANT EXTRACTS, toxicity/ *PLANTS, MEDICINAL/ RABBITS/ RATS/ TIME FACTORS/ WOUND HEALING, drug effects

3711. **Hayashi R:** Carboxypeptidase Y. Methods Enzymol 45:568–87, 1976
AMINO ACIDS, analysis/ BINDING SITES/ *CARBOXYPEPTIDASES/ CARBOXYPEPTIDASES, isolation & purification/ CARBOXYPEPTIDASES, metabolism/ CHYMOTRYPSIN, metabolism/ DRUG STABILITY/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ PROLINE/ PROTEIN CONFORMATION/ SACCHAROMYCES CEREVISIAE, enzymology/ SPECTROPHOTOMETRY/ STRUCTURE-ACTIVITY RELATIONSHIP

3712. **Haye C, Calle R, Schlinger L:** Le traitement des angiomes par la radiothérapie. Bull Soc Ophtalmol Fr 76(9–10):791–2, Sep–Oct 76 **(Fre)**
*HEMANGIOMA, radiotherapy/ HUMAN/ RADIOTHERAPY DOSAGE

3713. **Hayes MJ, Morris GK, Hampton JR:** Lack of effect of bed rest and cigarette smoking on development of deep venous thrombosis after myocardial infarction. Br Heart J 38(9):981–3, Sep 76
AGED/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ PROSPECTIVE STUDIES/ *SMOKING, complications/ *THROMBOPHLEBITIS, etiology/ TIME FACTORS

3714. **Hayes MJ, Langman MJS, Short AH:** Changes in drug metabolism with increasing age: 1. warfarin binding and plasma proteins. Br J Clin Pharmacol 2(1):69–72, Feb 75
ADULT/ AGED/ *AGING/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ PROTEIN BINDING/ SERUM ALBUMIN, analysis/ *SERUM ALBUMIN, metabolism/ *WARFARIN, metabolism

3715. **Hayes WL:** Use of anticoagulants in the treatment of ischemic heart disease [letter]. Arch Intern Med 137(6):813, Jun 77
*ANTICOAGULANTS, therapeutic use/ *CORONARY DISEASE, drug therapy/ HUMAN

3716. **Hayet M:** Les allongements du temps de saignement Soins 22(5):25–9, 5 Mar 77 **(Fre)**
*BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, methods/ HUMAN/ *PROTHROMBIN TIME/ THROMBOCYTOPATHY, classification/ THROMBOCYTOPATHY, diagnosis

3717. **Hayet M:** L'hémophilie Soins 22(5):31–6, 5 Mar 77 **(Fre)**
*CHRISTMAS DISEASE/ HEMOPHILIA/ HUMAN

3718. **Hayreh SS:** Central retinal vein occlusion: differential diagnosis and management.
Trans Am Acad Ophthalmol Otolaryngol 83(3 Pt 1):OP379–91, May–Jun 77
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANTICOAGULANTS, therapeutic use/ CARBON DIOXIDE, therapeutic use/ CASE REPORT/ DEXTRAN, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ LIGHT COAGULATION/ MIDDLE AGE/ *RETINAL DISEASES, diagnosis/ RETINAL DISEASES, therapy/ RETINAL HEMORRHAGE, diagnosis/ RETINAL HEMORRHAGE, etiology/ *RETINAL VEIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR DISEASES, diagnosis/ VASCULAR DISEASES, therapy

3719. **Hays FL, Bianca W:** Pulmonary hypertention, blood coagulation and aspirin treatment in high altitude exposed cattle. Int J Biometeorol 20(1):56–60, Mar 76
*ALTITUDE/ ANIMAL/ *ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ CASTRATION/ CATTLE/ *HYPERTENSION, PULMONARY, etiology/ HYPERTENSION, PULMONARY, physiopathology/ MALE/ PROSTAGLANDINS, pharmacodynamics

3720. **Hayt DB, Blatt CJ, Freeman LM:** Radionuclide venography: its place as a modality for the investigation of thromboembolic phenomena. Semin Nucl Med 7(3):263–81, Jul 77
COLLATERAL CIRCULATION/ COMPARATIVE STUDY/ FEMORAL VEIN/ HUMAN/ ILIAC VEIN/ LEG, blood supply/ PELVIS, blood supply/ PHLEBOGRAPHY/ *RADIONUCLIDE IMAGING/ *SERUM ALBUMIN, diagnostic use/ *TECHNETIUM, diagnostic use/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ VENA CAVA, INFERIOR

3721. **Hayward RD, O'Reilly GV:** Computerized tomography and intracerebral hemorrhage. Am Heart J 93(1):126–7, Jan 77
CEREBRAL ANEURYSM, radiography/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL HEMORRHAGE, radiography/ FALSE NEGATIVE REACTIONS/ HEMANGIOMA, radiography/ HUMAN/ *TOMOGRAPHY, COMPUTERIZED AXIAL

3722. **Hazen PG, Kallor AD:** Latrogenic traumatic purpura masquerading as vasculitis [letter]. Arch Dermatol 113(5):689, May 77
ADULT/ AGED/ CASE REPORT/ HUMAN/ *IATROGENIC DISEASE/ MALE/ *PERIARTERITIS NODOSA, diagnosis/ *PURPURA, diagnosis/ *PURPURA, etiology

3723. **Hazzard WR:** Aging and atherosclerosis: interactions with diet, heredity, and associated risk factors. pp. 143–95.
In: Rockstein M, Sussman ML, ed. Nutrition, longevity, and aging. New York, Academic Press, 1976. WT 104 N977 1976. (35 ref.)
ADULT/ AGED/ *AGING/ *ARTERIOSCLEROSIS, etiology/ ATHEROSCLEROSIS, complications/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, familial & genetic/ ATHEROSCLEROSIS, occurrence/ CHOLESTEROL, blood/ CLINICAL RESEARCH/ CORONARY DISEASE, etiology/ CORONARY DISEASE, familial & genetic/ *DIET, ATHEROGENIC/ FEMALE/ HUMAN/ HYPERLIPEMIA, etiology/ HYPERLIPEMIA, familial & genetic/ HYPERTENSION, complications/ MALE/ MASSACHUSETTS/ MIDDLE AGE/ MONOGRAPH/ NUTRITION/ PROGNOSIS/ REVIEW/ RISK/ SMOKING, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3724. **Head DR, Bowman RP, Marmer DJ, et al:** Von Willebrand's disease [letter] N Engl J Med 297(10):558, 8 Sep 77
ANTIGENS, analysis/ FACTOR VIII, analysis/ HUMAN/ MOLECULAR WEIGHT/ VON

WILLEBRAND FACTOR, analysis/ *VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, immunology

3725. **Heaf DJ, Carlson LA:** The effect of lysolecithin on the release of oleate from triolein by human post-heparin lipase. Scand J Clin Lab Invest 36(7):693–5, Nov 76
HEPARIN/ HUMAN/ LIGHT/ *LIPASE, blood/ *LIPID MOBILIZATION, drug effects/ *LYSOPHOSPHATIDYLCHOLINES, pharmacodynamics/ OLEIC ACIDS/ SCATTERING, RADIATION/ TRIOLEIN

3726. **Heaf DJ, Kaijser L, Eklund B, et al:** Differences in heparin-released lipolytic activity in the superficial and deep veins of the human forearm. Eur J Clin Invest 7(3):195–9, Jun 77
ADIPOSE TISSUE, blood supply/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYME TESTS/ *FOREARM, blood supply/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ HUMAN/ INJECTIONS, INTRAVENOUS/ *LIPOPROTEIN LIPASE, blood/ MUSCLES, blood supply/ TIME FACTORS/ *VEINS, enzymology

3727. **Hearst JE, Thiry L:** The photoinactivation of an RNA animal virus, vesicular stomatitis virus, with the aid of newly synthesized psoralen derivatives.
Nucleic Acids Res 4(5):1339–47, 1977
*COUMARINS, analogs & derivatives/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ *FICUSIN, analogs & derivatives/ FICUSIN, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ VESICULAR STOMATITIS VIRUS, drug effects/ *VESICULAR STOMATITIS VIRUS, radiation effects/ VIRUS REPLICATION, drug effects

3728. **Heatley RV, Hughes LE:** Preoperative deep vein thrombosis in patients with gastrointestinal disease. Am Heart J 94(1):127–9, Jul 77
*GASTROINTESTINAL DISEASES, complications/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, complications

3729. **Heaton A, Jacobs P, Dent DM, et al:** Experience with splenectomy in auto-immune thrombocytopenia and agnogenic myeloid metaplasia. S Afr Med J 50(39):1506–12, 11 Sep 76
ADOLESCENCE/ ADULT/ AGED/ *AUTOIMMUNE DISEASES, therapy/ FEMALE/ HEMORRHAGE, occurrence/ HUMAN/ INFECTION, occurrence/ MALE/ MIDDLE AGE/ MYELOID METAPLASIA, mortality/ *MYELOID METAPLASIA, therapy/ POSTOPERATIVE COMPLICATIONS, occurrence/ PREDNISONE, adverse effects/ *PURPURA, THROMBOPENIC, therapy/ *SPLENECTOMY

3730. **Hecker JF, Fisk GC, Farrell PC:** Measurement of thrombus formation on intravascular catheters.
Anaesth Intensive Care 4(3):225–31, Aug 76
ANIMAL/ *CATHETERIZATION, adverse effects/ HUMAN/ INFANT, NEWBORN/ PHLEBITIS, etiology/ SHEEP/ *THROMBOSIS, etiology

3731. **Hedges TR:** Retinal atheromatous plaques: their recognition by elevating the intraocular pressure.
Trans Am Ophthalmol Soc 74:172–7, 1977
*ARTERIOSCLEROSIS, diagnosis/ *ATHEROMA, diagnosis/ FUNDUS OCULI/ HUMAN/ *INTRAOCULAR PRESSURE/ METHODS/ *RETINAL ARTERY/ RETINAL DISEASES, diagnosis/ *THROMBOEMBOLISM, diagnosis

3732. **Hedner U, Nilsson IM, Bergentz SE:** Various prothrombin complex concentrates and their effect on coagulation and fibrinolysis in vivo. Thromb Haemostas 35(2):386–95, 30 Apr 76
ANIMAL/ *BLOOD COAGULATION, drug effects/ DOGS/ FACTOR IX, adverse effects/ *FIBRINOLYSIS, drug effects/ *PROTHROMBIN, adverse effects/ THROMBOEMBOLISM, etiology

3733. **Hedner U, Nilsson IM, Isacson S:** Effect of ethyloestrenol on fibrinolysis in the vessel wall. Br Med J 2(6038):729–31, 25 Sep 76
ADULT/ AGED/ ETHYLESTRENOL, administration & dosage/ ETHYLESTRENOL, adverse effects/ *ETHYLESTRENOL, therapeutic use/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MENSTRUATION DISORDERS, chemically induced/ MIDDLE AGE/ PHENFORMIN, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ VEINS, drug effects

3734. **Hedner U, Nilsson IM, Isacson S:** Phenformin and ethyloestrenol in recurrent deep venous thrombosis (DVT). Folia Haematol (Leipz) 103(3):372–80, 1976
ADULT/ *ETHYLESTRENOL, therapeutic use/ FEMALE/ FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ *PHENFORMIN, therapeutic use/ PLASMINOGEN ACTIVATORS, analysis/ RECURRENCE/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, physiopathology

3735. **Heene DL:** Rebound nach Antikoagulantientherapie.
Dtsch Med Wochenschr 102(30):1106–7, 29 Jul 77 **(Ger)**
*ANTICOAGULANTS, therapeutic use/ HUMAN/ THROMBOSIS, complications/ TIME FACTORS

3736. **Hegde U:** Christmas disease. Nurs Mirror 143(26):31–3, 23 Dec 76
*CHRISTMAS DISEASE/ CHRISTMAS DISEASE, therapy/ HUMAN

3737. **Hegde UM, Gordon-Smith EC, Worlledge S:** Platelet antibodies in thrombocytopenic patients.
Br J Haematol 35(1):113–22, Jan 77
ANEMIA, APLASTIC, complications/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, complications/ *ANTIBODIES, analysis/ *BLOOD PLATELETS, immunology/ HUMAN/ IGG, analysis/ LEUKEMIA, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC/ LYMPHOMA, complications/ *THROMBOPENIA, immunology

3738. **Hegt VN:** Distribution and variation of fibrinolytic activity in the walls of human arteries and veins. Haemostasis 5(6):355–72, 1976
*ARTERIES, analysis/ CONNECTIVE TISSUE, analysis/ ENDOTHELIUM, analysis/ FIBRIN, metabolism/ *FIBRINOLYSIS/ HUMAN/ PLASMINOGEN ACTIVATORS, analysis/ PLASMINOGEN, metabolism/ *VEINS, analysis

3739. **Hegt VN:** Localization and distribution of fibrinolysis inhibition in the walls of human arteries and veins.
Thromb Res 10(1):121–33, Jan 77
*ARTERIES, metabolism/ CONNECTIVE TISSUE, metabolism/ FEMALE/ FIBRIN/ *FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ MALE/ MUSCLE, SMOOTH, metabolism/ UROKINASE, pharmacodynamics/ *VEINS, metabolism

3740. **Hehne HJ, Nyman D, Burri H, et al:** Frischgefroren konserviertes Plasma zur Behandlung der intravasalen Gerinnung beim Polytraumatisierten
Schweiz Med Wochenschr 106(20):671–6, 15 May 76 (Eng. Abstr.) **(Ger)**
BLOOD PRESERVATION/ BLOOD TRANSFUSION/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ ENGLISH ABSTRACT/ FREEZING/ HEMORRHAGIC DIATHESIS, therapy/ HEPARIN, therapeutic use/ HUMAN/ PLASMA/ *SHOCK, HEMORRHAGIC, complications

3741. **Hehne HJ, Nyman D, Burri H, et al:** Management of bleeding disorders in traumatic-haemorrhagic shock states with deep frozen fresh plasma.
Eur J Intensive Care Med 2(4):157–61, 1976
*BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ FREEZING/ HEMORRHAGIC DIATHESIS, complications/ *HEMORRHAGIC DIATHESIS, therapy/ HUMAN/ *SHOCK, HEMORRHAGIC, complications/ SHOCK, HEMORRHAGIC, therapy/ *SHOCK, TRAUMATIC, complications

3742. **Heideman M, Jacobsson B, Larsson R:** Thromboresistance and stability of a heparinized polymer.
Acta Radiol [Diagn] (Stockh) 17(6):877–85, Nov 76
ANIMAL/ *BLOOD COAGULATION/ *CATHETERIZATION, instrumentation/ DOGS/ HEPARIN/ MICROSCOPY, ELECTRON, SCANNING/ *POLYETHYLENES/ SODIUM CHLORIDE/ TIME FACTORS

3743. **Heidemann SR, Sander G, Kirschner MW:** Evidence for a functional role of RNA in centrioles. Cell 10(3):337–50, Mar 77
ANIMAL/ CHLAMYDOMONAS/ MICROTUBULES, metabolism/ *MITOSIS/ ORGANOIDS, analysis/ ORGANOIDS, drug effects/ ORGANOIDS, physiology/ OVUM, drug effects/ OVUM, physiology/ *OVUM, ultrastructure/ RIBONUCLEASE, pharmacodynamics/ RNA, analysis/ *RNA, physiology/ TETRAHYMENA PYRIFORMIS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ XENOPUS

3744. **Heiden D, Mielke CH Jr, Rodvien R:** Impairment by heparin of primary haemostasis and platelet [14C]5-hydroxytryptamine release. Br J Haematol 36(3):427–36, Jul 77
ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ FEMALE/ *HEMOSTASIS, drug effects/ *HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ MALE/ SECRETORY RATE, drug effects/ *SEROTONIN, secretion

3745. **Heiland I, Brauer D, Wittmann-Liebold B:** Primary structure of protein L10 from the large subunit of Escherichia coli ribosomes. Hoppe Seylers Z Physiol Chem 357(12):1751–70, Dec 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BACTERIAL PROTEINS/ BACTERIAL PROTEINS, analysis/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *ESCHERICHIA COLI, analysis/ ESCHERICHIA COLI, ultrastructure/ PEPTIDE HYDROLASES/ PEPTIDES, analysis/ PHTHALIC ACIDS/ *RIBOSOMAL PROTEINS/ RIBOSOMAL PROTEINS, analysis/ THERMOLYSIN/ TRYPSIN

3746. **Heilmann E, Wannenmacher M, Nordiek R, et al:** Die extrakorporale Blutbestrahlung mittels 137Cs zur Behandlung der chronischen Lymphadenose. Erfahrungen an 14 Patienten Med Welt 28(3):120–1, 21 Jan 77 **(Ger)**
AGED/ BLOOD PLATELETS, radiation effects/ *CESIUM RADIOISOTOPES, therapeutic use/ EXTRACORPOREAL CIRCULATION/ FEMALE/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, radiotherapy/ LYMPHOCYTES, radiation effects/ MALE/ MIDDLE AGE

3747. **Heimbecker RO:** Systemic heparin in major vascular operations [editorial]. Surg Gynecol Obstet 144(5):753, May 77
BLOOD BANKS/ BLOOD TRANSFUSION, AUTOLOGOUS/ *HEPARIN, therapeutic use/ HUMAN/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, prevention & control/ *VASCULAR SURGERY/ VASCULAR SURGERY, adverse effects

3748. **Heine H, Förster FJ, Neufahrt A:** Zur Wechselwirkung zwischen dem basischen Polypeptid Trasylol und Proteoglykanen. IV. Intrazelluläre Bindung Med Welt 27(38):1774–77, 17 Sep 76 **(Ger)**
ANIMAL/ DRUG INTERACTIONS/ FEMALE/ HALF-LIFE/ *KALLIKREIN-TRYPSIN INACTIVATOR, metabolism/ LYSOSOMES, metabolism/ MICE/ *PROTEIN BINDING/ *PROTEOGLYCANS, metabolism/ SKIN, metabolism

3749. **Heine H:** Die Diagnostik der Venenerkrankungen ZFA [Dresden] 31(4):335–8, 1976 **(Ger)**
HUMAN/ LEG, blood supply/ PHLEBOGRAPHY/ PLETHYSMOGRAPHY, IMPEDANCE/ THROMBOPHLEBITIS, radiography/ ULTRASONICS, diagnostic use/ VARICOSE VEINS, diagnosis/ *VASCULAR DISEASES, diagnosis/ VASCULAR DISEASES, physiopathology/ VEINS, physiopathology/ VENOUS INSUFFICIENCY, diagnosis/ VENOUS PRESSURE

3750. **Heinrich D, Stephinger U, Mueller-Eckhardt C:** Specific interaction of HLA antibodies (eluates) with washed platelets. Br J Haematol 35(3):441–52, Mar 77
*ANTIBODIES/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, ultrastructure/ CALCIUM, pharmacodynamics/ COLLAGEN, pharmacodynamics/ COMPLEMENT/ FIBRINOGEN, pharmacodynamics/ *HISTOCOMPATIBILITY ANTIGENS/ *HL-A/ HUMAN/ PLATELET AGGREGATION/ SEROTONIN, secretion

3751. **Heinrich D, Gutschank S, Mueller-Eckhardt C:** HLA-antibody-induced 14C-serotonin release from platelets. A methodological analysis. Vox Sang 33(2):65–78, Aug 77
ANTIBODY SPECIFICITY/ *BLOOD PLATELETS, metabolism/ HL-A/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *ISOANTIBODIES, analysis/ METHODS/ *SEROTONIN, metabolism/ TEMPERATURE/ TIME

3752. **Heinrich D, Kessler C, Mueller-Eckhardt CM:** A comparative analysis of methods suitable for detection of platelet alloantibodies: inhibition of 14C-serotonin uptake, 14C-serotonin release and microcomplement fixation. Vox Sang 32(6):325–34, 1977
ANTIBODY SPECIFICITY/ AUTOANTIBODIES, isolation & purification/ *BLOOD PLATELETS, immunology/ COMPARATIVE STUDY/ *COMPLEMENT FIXATION TESTS/ *HISTOCOMPATIBILITY ANTIGENS/ *HL-A/ HUMAN/ ISOANTIBODIES, isolation & purification/ METHODS/ *SEROTONIN, metabolism

3753. **Heinrich D, Franz K, Schöndorf T:** Untersuchungen zur Diagnostik des Morbus von Willebrand und seiner Varianten. Verh Dtsch Ges Inn Med 82 Pt 2:1641–3, 1976 **(Ger)**
DIAGNOSIS, DIFFERENTIAL/ HUMAN/ PLATELET AGGREGATION/ TIME FACTORS/ VON WILLEBRAND'S DISEASE, blood/ *VON WILLEBRAND'S DISEASE, diagnosis

3754. **Heinrich HG:** Gerinnungsanalytische Probleme bei der Diagnostik entzündlicher und thrombotischer Venenerkrankungen im Alter ZFA [Dresden] 31(4):343–5, 1976 (Eng. Abstr.) **(Ger)**
AGED/ *BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ LEG ULCER, diagnosis/ LEG, blood supply/ MIDDLE AGE/ PLATELET AGGREGATION/ RADIONUCLIDE IMAGING/ THROMBOPHLEBITIS, blood/ *THROMBOPHLEBITIS, diagnosis/ *THROMBOSIS, diagnosis/ VARICOSE VEINS, diagnosis

3755. **Heinrich HG:** Die ambulante Behandlung thrombophlebitischer und thrombotischer Zustände im Alter ZFA [Dresden] 31(4):347–51, 1976 **(Ger)**
AGED/ *AMBULATORY CARE/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ HUMAN/ LEG, blood supply/ MIDDLE AGE/ PENICILLINS, therapeutic use/ PULMONARY EMBOLISM, drug therapy/ *THROMBOPHLEBITIS, drug therapy/ *THROMBOSIS, drug therapy

3756. **Heinrich HG:** Frühsymptomatik und Therapie van Blutungen beim alten Menschen ZFA [Dresden] 31(6):547–51, 1976 (Eng. Abstr.) **(Ger)**
AGED/ ANALGESICS, ADDICTIVE, adverse effects/ ANTI-INFLAMMATORY AGENTS, adverse effects/ BLOOD COAGULATION DISORDERS, complications/ CATHARTICS, adverse effects/ DRUG DEPENDENCE/ ENGLISH ABSTRACT/ HEMORRHAGE, chemically induced/ *HEMORRHAGE, diagnosis/ HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ HUMAN/ PARAPROTEINEMIAS, complications/ UREMIA, complications

3757. **Heinrich HG, Kaufhold H:** Thrombolytische Behandlung der tiefen Beinvenenthrombosen im Alter ZFA [Dresden] 31(4):357–61, 1976 **(Ger)**
AGE FACTORS/ AGED/ FEMALE/ FIBRINOLYSIS/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use/ THROMBELASTOGRAPHY/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, drug therapy

3758. **Heinrich RA, Smith TC, Moyer CE:** Equivalency of two lots of heparin and their effects on various coagulation tests. Curr Ther Res 20(5):725–34, Nov 76
ADULT/ *BLOOD COAGULATION TESTS/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *HEPARIN/ HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ THERAPEUTIC EQUIVALENCY/ TIME FACTORS

3759. **Held E:** Aminosäure-p-Nitroanilide spaltende Enzymaktivitäten der reifen menschilchen Plazenta. I. Arch Gynaekol 222(4):295–309, 8 Jul 77 (Eng. Abstr.) **(Ger)**
AMINO ACIDS, metabolism/ AMINOPEPTIDASES, analysis/ CATHEPSIN, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ NITRO COMPOUNDS, metabolism/ OXYTOCINASE, analysis/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *PLACENTA, enzymology/ PREGNANCY

3760. **Held K, Hohlweck P, Athanassenas G:** Der Effekt von Kallikrein auf die visuelle Aufmerksamkeit und das EEG des Menschen im Sauerstoffmangel Med Welt 76(48):2323–8, 26 Nov 76 **(Ger)**
ADULT/ ALTITUDE SICKNESS, physiopathology/ BRAIN, metabolism/ *CEREBRAL ANOXIA, physiopathology/ ELECTROENCEPHALOGRAPHY/ HUMAN/ *KALLIKREIN, pharmacodynamics/ MALE/ MIDDLE AGE/ OXYGEN CONSUMPTION, drug effects/ *VISUAL PERCEPTION, drug effects

3761. **Helderweirt G:** Fetomaternele transfusie, rhesus immunisatie en preventie. Deel II. Rhesus immunisatie en preventie Verh K Acad Geneeskd Belg 38(3–4):79–134, 1976 (144 ref.) **(Dut)**
ABORTION/ ADULT/ AMNIOCENTESIS, adverse effects/ ANIMAL/ ANTIBODY FORMATION/ ABO BLOOD-GROUP SYSTEM/ BLOOD GROUP INCOMPATIBILITY/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ *ERYTHROBLASTOSIS, FETAL, prevention & control/ FEMALE/ *FETOMATERNAL TRANSFUSION/ GENOTYPE/ HUMAN/ IGG/ IGM/ IMMUNIZATION, SECONDARY/ IMMUNOSUPPRESSION/ INFANT, NEWBORN/ ISOANTIBODIES/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ PREGNANCY, TUBAL/ RABBITS/ REVIEW/ *RH-HR BLOOD-GROUP SYSTEM/ SEX FACTORS/ SPLEEN, immunology

3762. **Helesicová H, Podrazký V, Sedmerová V:** Susceptibilita bílkovin mléka k proteolýze Cesk Gastroenterol Vyz 30(8):471–6, Dec 76 (Eng. Abstr.) **(Cze)**
DRUG INTERACTIONS/ DRUG STABILITY/ ENGLISH ABSTRACT/ *MILK PROTEINS/ PEPSIN/ TEMPERATURE/ TIME FACTORS/ TRYPSIN

3763. **Helgeland L:** Studies of an inhibitor of the thrombin–fibrinogen reaction localized in rat liver microsomes. Interference with the polymerization step. Thromb Haemostas 36(3):509–16, 31 Dec 76
ANIMAL/ ENZYME INHIBITORS, analysis/ FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ FIBRINOPEPTIDES A, antagonists & inhibitors/ *MICROSOMES, LIVER, enzymology/ POLYMERS/ RATS/ *THROMBIN, metabolism/ WARFARIN, pharmacodynamics

3764. **Hellriegel KP, Züger M, Gross R:** Prognosis in acquired aplastic anemia. An approach in the selection of patients for allogeneic bone marrow transplantation. Blut 34(1):11–8, Jan 77
ADOLESCENCE/ ADULT/ AGED/ *ANEMIA, APLASTIC, diagnosis/ ANEMIA, APLASTIC, therapy/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BONE MARROW CELLS, transplantation/ CHILD/ FEMALE/ GERMANY, WEST/ GRANULOCYTES/ HUMAN/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ PROGNOSIS/ RETICULOCYTES/ RETROSPECTIVE STUDIES/ TIME FACTORS/ TRANSPLANTATION, ALLOGENEIC

3765. **Hellriegel KP, Lechler E, Gross R:** Stufen und Grenzen der Diagnostik bei Erkrankungen des Blutes und der blutbildenden organe Internist (Berlin) 18(3):156–60, Mar 77 **(Ger)**
ANEMIA, diagnosis/ BONE MARROW DISEASES, diagnosis/ *HEMATOLOGIC DISEASES, diagnosis/ HEMORRHAGIC DIATHESIS, diagnosis/ *LYMPHATIC DISEASES, diagnosis/ PATIENT CARE PLANNING

3766. **Hellsten S:** On renal revascularization by splenic artery implantation in the dog. Scand J Urol Nephrol (34 Suppl):1–32, 1976
ANIMAL/ ARTERIOVENOUS SHUNT, SURGICAL/ BLOOD PRESSURE/ DOGS/ FEMALE/ GRANULATION TISSUE/ ISCHEMIA, etiology/ *KIDNEY, blood supply/ KIDNEY, physiology/ MALE/ METHODS/ MICROSPHERES/ REGIONAL BLOOD FLOW/ RENAL ARTERY STENOSIS, etiology/ RENAL ARTERY, physiology/ SPLENIC ARTERY, radiography/ *SPLENIC ARTERY, surgery/ SPLENIC VEIN, surgery/ THROMBOSIS, etiology/ XENON RADIOISOTOPES

3767. **Hellsten S, Nylander G:** Renal revascularization after splenic artery implantation into the kidney. Consecutive serial angiographic study in the dog. Eur Surg Res 9(2):131–9, 1977
ANIMAL/ DOGS/ FEMALE/ *KIDNEY, blood supply/ KIDNEY, physiology/ MALE/ RENAL ARTERY, physiology/ RENAL ARTERY, radiography/ SPLENIC ARTERY, radiography/ *SPLENIC ARTERY, surgery/ THROMBOSIS, etiology/ TIME FACTORS

3768. **Hellsten S, Linell F, Nylander G:** Renal revascularization after splenic artery implantation into the kidney. Studies on angiography ex vivo, microangiography and histology in dogs. Scand J Urol Nephrol 11(2):179–87, 1977
ANIMAL/ DOGS/ *KIDNEY, blood supply/ KIDNEY, surgery/ RENAL ARTERY STENOSIS/ RENAL ARTERY, pathology/ RENAL ARTERY, radiography/ SPLENIC ARTERY, pathology/ SPLENIC ARTERY, radiography/ *SPLENIC ARTERY, surgery/ THROMBOSIS, etiology/ TIME FACTORS

3769. **Hellum KB:** Nitroblue tetrazolium test in pulmonary thromboembolism and pneumonia. Scand J Infect Dis 9(2):131–4, 1977
ACUTE DISEASE/ ADULT/ AGED/ FEMALE/ HUMAN/ LUNG DISEASES, diagnosis/ *LUNG, blood supply/ MALE/ MIDDLE AGE/ *NITROBLUE TETRAZOLIUM, diagnostic use/ *PNEUMONIA, diagnosis/ PULMONARY CIRCULATION/ *TETRAZOLIUM SALTS, diagnostic use/ *THROMBOEMBOLISM, diagnosis

3770. **Hellums JD, Brown CH 3d:** Blood cell damage by mechanical forces. pp. 799–823.
In: Hwang NH, Normann NA, ed. Cardiovascular flow dynamics and measurements. Baltimore, Univ Park Press, 1977. WG 106 N111c 1975.
AORTIC VALVE/ BIOMECHANICS/ BLOOD FLOW VELOCITY/ BLOOD PLATELETS, pathology/ EQUIPMENT AND SUPPLIES/ *ERYTHROCYTES, pathology/ HEART VALVE PROSTHESIS, adverse effects/ HEMOLYSIS/ HUMAN/ MONOGRAPH/ PLATELET AGGREGATION/ *STRESS, MECHANICAL/ TIME FACTORS

3771. **Helmig L, Heber R:** Führungsdrahttechnik zur Thrombektomie der Beckenschlagadern bei akuter arterieller Thrombose Chirurg 48(1):60–1, Jan 77 **(Ger)**
ANESTHESIA, LOCAL/ ARTERIAL OCCLUSIVE DISEASES, surgery/ *ARTERIES, surgery/ CATHETERIZATION, methods/ HUMAN/ *PELVIS, blood supply/

*THROMBOSIS, surgery

3772. **Helms SR, Brattain MG, Pretlow TG 2d, et al:** 'Prostatic acid phosphatase?' A comparison of acid phosphatase activities in epithelial cells, granulocytes, monocytes, lymphocytes, and platelets purified by velocity sedimentation in isokinetic gradients of Ficoll in tissue culture medium. Am J Pathol 88(3):529–37, Sep 77
ACID PHOSPHATASE, antagonists & inhibitors/ *ACID PHOSPHATASE, isolation & purification/ BLOOD PLATELETS, enzymology/ COMPARATIVE STUDY/ COPPER, pharmacodynamics/ EPITHELIAL CELLS, enzymology/ FLUORIDES, pharmacodynamics/ FORMALDEHYDE, pharmacodynamics/ GRANULOCYTES, enzymology/ HEAT/ HUMAN/ IRON, pharmacodynamics/ LYMPHOCYTES, enzymology/ MALE/ MONOCYTES, enzymology/ PHOSPHATES/ PHOSPHORYLCHOLINE/ *PROSTATE, enzymology/ PROSTATIC NEOPLASMS, diagnosis/ TARTRATES, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3773. **Helwing E:** Auswirkungen verschiedener Vagotomieformen auf die exokrine Pankreasfunktion Fortschr Med 94(33):1953–6, 18 Nov 76 (Eng. Abstr.) **(Ger)**
AMYLASE, biosynthesis/ ANIMAL/ DOGS/ DUODENAL ULCER, surgery/ ENGLISH ABSTRACT/ LIPASE, biosynthesis/ PANCREAS, enzymology/ PANCREAS, innervation/ *PANCREAS, physiology/ STIMULATION, CHEMICAL/ TRYPSIN, biosynthesis/ *VAGOTOMY, methods

3774. **Hemker HC, Vermeer C, Govers-Riemslag J:** Kinetic aspects of the interaction of blood clotting enzymes. VII. The relation between clotting time and prothrombin concentration. Thromb Haemostas 37(1):81–5, 28 Feb 77
ANIMAL/ *BLOOD COAGULATION TESTS/ CATTLE/ HUMAN/ MATHEMATICS/ MODELS, BIOLOGICAL/ PROTHROMBIN TIME/ *PROTHROMBIN, analysis

3775. **Hemmy DC, McGee DM, Armbrust FH, et al:** Resection of a vertebral hemangioma after preoperative embolization. Case report. J Neurosurg 47(2):282–5, Aug 77
CASE REPORT/ EMBOLIZATION, THERAPEUTIC/ HEMANGIOMA, radiography/ *HEMANGIOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ MYELOGRAPHY/ SPINAL FUSION/ SPINAL NEOPLASMS, radiography/ *SPINAL NEOPLASMS, surgery/ SPINE, radiography/ *THORACIC VERTEBRAE, surgery/ VERTEBRAL ARTERY, radiography

3776. **Henderson LE, Henriksson D, Nyman PO:** Primary structure of human carbonic anhydrase C. J Biol Chem 251(18):5457–63, 25 Sep 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *CARBONIC ANHYDRASE/ CARBONIC ANHYDRASE, blood/ CATTLE/ DISULFIDES, analysis/ ERYTHROCYTES, enzymology/ HUMAN/ PEPTIDE FRAGMENTS, analysis/ SHEEP/ SPECIES SPECIFICITY/ TRYPSIN

3777. **Heni N, Lehnhardt G, Glogner P:** Eliminationskinetik von Phenprocoumon (Marcumar) bei Leberzirrhose und nach Vorbehandlung mit Phenobarbital
Int J Clin Pharmacol Biopharm 13(4):253–61, Jun 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ *COUMARINS, metabolism/ ENGLISH ABSTRACT/ HUMAN/ KINETICS/ *LIVER CIRRHOSIS, metabolism/ MALE/ MIDDLE AGE/ *PHENOBARBITAL, pharmacodynamics/ *PHENPROCOUMON, metabolism/ PROTEIN BINDING, drug effects

3778. **Henkind P, Benjamin JV:** Vascular anomalies and neoplasms of the optic nerve head. Trans Ophthalmol Soc UK 96(3):418–23, Sep 76
ADULT/ DIAGNOSIS, DIFFERENTIAL/ *EYE NEOPLASMS, diagnosis/ FEMALE/ FLUORESCENCE ANGIOGRAPHY/ HEMANGIOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ *OPTIC NERVE DISEASES, diagnosis/ *OPTIC NERVE, blood supply

3779. **Hennemann H, Richter IE, Brunswig D, et al:** Hämoperfusion -- Pro und Kontra. Klin Wochenschr 55(11):533–7, 1 Jun 77 (Eng. Abstr.) **(Ger)**
ARTERIES, physiopathology/ BLOOD PLATELETS/ BLOOD PRESSURE/ BLOOD PROTEINS, metabolism/ ENGLISH ABSTRACT/ FIBRIN/ HEMODIALYSIS, adverse effects/ *HEMODIALYSIS, methods/ HUMAN/ HYPNOTICS AND SEDATIVES, poisoning/ IMMUNOGLOBULINS, metabolism/ INSECTICIDES, poisoning/ PERFUSION, adverse effects/ POISONING, therapy/ PUNCTURES

3780. **Henness AM, Theilen GH, Lewis JP:** Clinical investigation of doxorubicin, daunomycin, and 6-thioguanine in normal cats. Am J Vet Res 38(4):521–4, Apr 77
*ADRIAMYCIN, toxicity/ ALOPECIA, chemically induced/ ALOPECIA, veterinary/ ANIMAL/ CAT DISEASES, blood/ *CAT DISEASES, chemically induced/ CATS, blood/ *DAUNOMYCIN, toxicity/ FEMALE/ LEUKOCYTE COUNT/ LEUKOPENIA, chemically induced/ LEUKOPENIA, veterinary/ MALE/ *THIOGUANINE, toxicity/ THROMBOPENIA, chemically induced/ THROMBOPENIA, veterinary

3781. **Hennessy VL Jr, Hicks RE, Niewiarowski S, et al:** Function of human platelets during extracorporeal circulation. Am J Physiol 232(6):H622–8, Jun 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ EPINEPHRINE, pharmacodynamics/ *EXTRACORPOREAL CIRCULATION/ HEMOGLOBINS, analysis/ HYDROGEN-ION CONCENTRATION/ MICROSCOPY, ELECTRON, SCANNING/ OXYGEN, pharmacodynamics/ OXYGENATORS, MEMBRANE/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 4, metabolism/ SILICA, pharmacodynamics/ SILICONES, pharmacodynamics/ SURFACE PROPERTIES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3782. **Henningsen B, Amberger H:** Antiöstrogene Therapie des metastasierenden Mammakarzinoms. Vier Jahre Erfahrung mit Tamoxifen Dtsch Med Wochenschr 102(19):713–6, 13 May 77 (Eng. Abstr.) **(Ger)**
ADULT/ AGE FACTORS/ BONE NEOPLASMS, drug therapy/ *BREAST NEOPLASMS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERCALCEMIA, chemically induced/ LUNG NEOPLASMS, drug therapy/ LYMPHATIC METASTASIS/ METHANDROSTENOLONE, adverse effects/ METHANDROSTENOLONE, therapeutic use/ MIDDLE AGE/ NEOPLASM METASTASIS/ PLEURAL NEOPLASMS, drug therapy/ REMISSION/ *STILBENES, therapeutic use/ TAMOXIFEN, adverse effects/ *TAMOXIFEN, therapeutic use/ THROMBOPENIA, chemically induced/ TIME FACTORS

3783. **Henny J, Houot O, Steinmetz J, et al:** Comparaison des valeurs obtenues sur sérum ou plasma hépariné pour les examens biochimiques courants Ann Biol Clin (Paris) 34(5):335–40, 1976 (Eng. Abstr.) **(Fre)**
*BLOOD CHEMICAL ANALYSIS, methods/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HEPARIN/ HUMAN/ PLASMA, analysis

3784. **Henriksson P, Hedner U, Nilsson IM:** Factor XIII (fibrin stabilising factor) in Henoch-Schönlein's purpura. Acta Paediatr Scand 66(3):273–7, May 77
ADOLESCENCE/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ *FACTOR XIII/ FACTOR XIII, analysis/ FACTOR XIII, therapeutic use/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HUMAN/ MALE/ PLASMINOGEN, analysis/ *PURPURA, SCHOENLEIN-HENOCH, blood/ PURPURA, SCHOENLEIN-HENOCH, diagnosis

3785. **Henry F, Nestler M, Ferry JD:** Identification of fibrin oligomers in sonicated fibrin clots. Biophys Chem 6(2):161–5, Jan 77
BLOOD COAGULATION/ CATTLE/

CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ *FIBRIN, analysis/ GUANIDINES/ OLIGOPEPTIDES, analysis/ PROTEIN CONFORMATION/ SONICATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3786. **Henry JB, Mintz P, Webb W:** Optimal blood ordering for elective surgery. JAMA 237(5):451, 31 Jan 77
*BLOOD GROUP INCOMPATIBILITY, prevention & control/ *BLOOD PRESERVATION, standards/ *BLOOD TRANSFUSION/ METHODS/ NEW YORK/ *SURGERY, OPERATIVE

3787. **Henschen A, Lottspeich F, Sekita T, et al:** Amino acid sequence of human fibrin. Preliminary note on the order of peptides obtained by cleaving the gamma-chain at the methionyl and arginyl bonds.
Hoppe Seylers Z Physiol Chem 357(4):605–8, Apr 76
AMINO ACID SEQUENCE/ ARGININE/ CYANOGEN BROMIDE/ *FIBRIN/ HUMAN/ METHIONINE/ PEPTIDE FRAGMENTS, analysis

3788. **Henschen A, Lottspeich F:** Amino acid sequence linking plasmic fragments E and D in the beta-chain of human fibrin. Hoppe Seylers Z Physiol Chem 357(12):1801–3, Dec 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHEMISTRY/ CHROMATOGRAPHY, GEL/ CYANOGEN BROMIDE/ *FIBRIN/ FIBRINOLYSIN/ HUMAN/ PEPTIDE CHAIN TERMINATION

3789. **Henson LC, Schotz MC, Harary I:** Lipoprotein lipase in cultured heart cells: characteristics and cellular location. Biochim Biophys Acta 487(1):212–21, 26 Apr 77
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ ANIMALS, NEWBORN/ APOLIPOPROTEINS, blood/ APOLIPOPROTEINS, pharmacodynamics/ CELLS, CULTURED/ CHROMATOGRAPHY, AFFINITY/ CULTURE MEDIA/ FEMALE/ HEPARIN, pharmacodynamics/ LIPOPROTEIN LIPASE, isolation & purification/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ *MYOCARDIUM, enzymology/ PROTAMINES, pharmacodynamics/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3790. **Henson PM:** Secretion of lysosomal enzymes induced by immune complexes and complement. Front Biol 45:99–126, 1976 (308 ref.)
ADENOSINE TRIPHOSPHATE, metabolism/ *ANTIGEN-ANTIBODY COMPLEX/ *COMPLEMENT, metabolism/ CONTRACTILE PROTEINS, physiology/ ENERGY METABOLISM/ IMMUNOGLOBULINS, metabolism/ *LYSOSOMES, enzymology/ MACROPHAGES, metabolism/ MEMBRANES, physiology/ MICROFILAMENTS, physiology/ MICROTUBULES, physiology/ MONOCYTES, metabolism/ NEUTROPHILS, metabolism/ NEUTROPHILS, ultrastructure/ PEPTIDE HYDROLASES, metabolism/ PHAGOCYTOSIS/ RECEPTORS, DRUG/ REVIEW/ SURFACE PROPERTIES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3791. **Henson PM, Landes RR:** Activation of platelets by platelet activating factor (PAF) derived from IgE-sensitized basophils. IV. PAF does not activate platelet factor 3 (PF3). Br J Haematol 34(2):269–82, Oct 76
ANIMAL/ *BASOPHILS, metabolism/ *BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION TESTS/ COLLAGEN, pharmacodynamics/ FEMALE/ *IGE, metabolism/ MALE/ PLATELET AGGREGATION/ *PLATELET FACTOR 3, biosynthesis/ RABBITS/ SEROTONIN, metabolism/ SNAKE VENOMS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3792. **Henson PM, Gould D, Becker EL:** Activation of stimulus-specific serine esterases (proteases) in the initiation of platelet secretion. I. Demonstration with organophosphorus inhibitors. J Exp Med 144(6):1657–73, 1 Dec 76
ANIMAL/ ANTIBODIES/ *BLOOD PLATELETS, metabolism/ COLLAGEN, pharmacodynamics/ COMPLEMENT 3/ ESTERASES, antagonists & inhibitors/ *ESTERASES, metabolism/ ISOFLUROPHATE, pharmacodynamics/ KINETICS/ PHOSPHONIC ACIDS, pharmacodynamics/ RABBITS/ SECRETORY RATE, drug effects/ *SEROTONIN, secretion/ THROMBIN, antagonists & inhibitors/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ ZYMOSAN, pharmacodynamics

3793. **Henson PM:** Activation of rabbit platelets by platelet-activating factor derived from IgE-sensitized basophils. Characteristics of the aggregation and its dissociation from secretion. J Clin Invest 60(2):481–90, Aug 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ AMINO ACIDS, pharmacodynamics/ ANIMAL/ *BASOPHILS, immunology/ *BLOOD COAGULATION FACTORS, physiology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CREATINE KINASE, pharmacodynamics/ FEMALE/ *IGE/ KINETICS/ MALE/ PHOSPHOCREATINE, pharmacodynamics/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3794. **Henson PM:** Immune complex diseases: cellular mediators and the pathogenesis of inflammatory tissue injury produced by immune complexes. pp. 94–106.
In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e. (56 ref.)
ANAPHYLAXIS, immunology/ ANIMAL/ *ANTIGEN-ANTIBODY COMPLEX/ ARTERITIS, etiology/ ARTERITIS, immunology/ ARTERITIS, physiopathology/ BLOOD PLATELETS, immunology/ CHEMOTAXIS, LEUKOCYTE/ COMPLEMENT/ EXOCYTOSIS/ GLOMERULONEPHRITIS, etiology/ GLOMERULONEPHRITIS, immunology/ HUMAN/ IGE, biosynthesis/ IGG, biosynthesis/ *IMMUNE COMPLEX DISEASE, etiology/ IMMUNE COMPLEX DISEASE, immunology/ IMMUNE COMPLEX DISEASE, pathology/ *INFLAMMATION, etiology/ INFLAMMATION, immunology/ INFLAMMATION, pathology/ MONOGRAPH/ NEPHRITIS, etiology/ NEPHRITIS, immunology/ NEUTROPHILS, immunology/ RABBITS/ REGIONAL BLOOD FLOW/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3795. **Hentschel CC, Tata JR:** Differential activation of free and template-engaged RNA polymerase I and II during the resumption of development of dormant Artemia gastrulae. Dev Biol 57(2):293–304, Jun 77
AGE FACTORS/ ANIMAL/ CELL NUCLEUS, enzymology/ DACTINOMYCIN, pharmacodynamics/ HEPARIN, pharmacodynamics/ HIBERNATION/ KINETICS/ PROFLAVINE, pharmacodynamics/ *RNA POLYMERASE I, metabolism/ *RNA POLYMERASE II, metabolism/ *RNA POLYMERASES, metabolism/ *RNA, biosynthesis/ *SHRIMP, embryology/ SHRIMP, enzymology/ SHRIMP, physiology/ TEMPLATES

3796. **Heptinstall S:** The use of a chelating ion-exchange resin to evaluate the effects of the extracellular calcium concentration on adenosine diphosphate induced aggregation of human blood platelets.
Thromb Haemostas 36(1):208–20, 31 Aug 76
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, analysis/ CALCIUM, blood/ *CALCIUM, pharmacodynamics/ *CHELATING AGENTS, diagnostic use/ EXTRACELLULAR SPACE/ HUMAN/ *ION EXCHANGE RESINS, diagnostic use/ MAGNESIUM, blood/ MAGNESIUM, pharmacodynamics/ *PLATELET AGGREGATION, drug effects

3797. **Heptinstall S, Mulley GP:** Adenosine diphosphate induced platelet aggregation and release reaction in heparinized

platelet rich plasma and the influence of added citrate. Br J Haematol 36(4):565–71, Aug 77
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *CITRATES, pharmacodynamics/ HEPARIN/ HUMAN/ *PLATELET AGGREGATION, drug effects/ *SEROTONIN, blood

3798. **Herberg KP:** Effects of diphenylhydantoin in 41 epileptics institutionalized since childhood. South Med J 70(1):19–24, Jan 77
ADOLESCENCE/ ADULT/ ALKALINE PHOSPHATASE, metabolism/ ANEMIA, chemically induced/ CENTRAL NERVOUS SYSTEM DISEASES, chemically induced/ CHILD/ DIPHENYLHYDANTOIN, adverse effects/ DIPHENYLHYDANTOIN, blood/ *DIPHENYLHYDANTOIN, therapeutic use/ EPILEPSY, complications/ *EPILEPSY, drug therapy/ EPILEPSY, enzymology/ FACE/ FEMALE/ GINGIVA, pathology/ HEMORRHAGIC DIATHESIS, chemically induced/ HIRSUTISM, chemically induced/ HUMAN/ HYPERTROPHY/ MALE/ MENTAL RETARDATION, complications/ PERIPHERAL NERVE DISEASES, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VITAMIN D, therapeutic use

3799. **Herbert A, Slavin G, Kreel L, et al:** Morphological basis of radiological band shadows on chest radiographs. J Clin Pathol 29(7):610–20, Jul 76
ADULT/ AGED/ ATELECTASIS, radiography/ CASE REPORT/ FEMALE/ HUMAN/ *LUNG DISEASES, radiography/ *LUNG NEOPLASMS, radiography/ *LUNG, pathology/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ PULMONARY EDEMA, radiography/ PULMONARY EMBOLISM, radiography/ PULMONARY FIBROSIS, radiography

3800. **Herbert V:** Vitamin E report [letter] Nutr Rev 35(6):158, Jun 77
ANIMAL/ HUMAN/ MALE/ *VITAMIN E, adverse effects/ VITAMIN K DEFICIENCY, complications

3801. **Hercz A, Barton M:** The purification and properties of human alpha1-antitrypsin (alpha1-antiprotease), variant Z. Eur J Biochem 74(3):603–10, 15 Apr 77
*ALPHA 1-ANTITRYPSIN/ ALPHA 1-ANTITRYPSIN, isolation & purification/ ALPHA 1-ANTITRYPSIN, pharmacodynamics/ AMINO ACIDS, analysis/ CHYMOTRYPSIN, antagonists & inhibitors/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ ISOELECTRIC FOCUSING/ PHENOTYPE/ *VARIATION (GENETICS)

3802. **Hermansky F, Cieslar P:** Thrombopathies héréditaires par trouble de libération Nouv Rev Fr Hematol 16(3):413–20, 1976 (Eng. Abstr.) **(Fre)**
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ALBINISM, familial & genetic/ BONE MARROW CELLS, metabolism/ CLOT RETRACTION/ COLLAGEN, pharmacodynamics/ CYTOPLASMIC GRANULES/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ GLYCERIN, metabolism/ *HEMORRHAGIC DIATHESIS, familial & genetic/ HUMAN/ MACROPHAGES, metabolism/ *PLATELET AGGREGATION/ RISTOCETIN, pharmacodynamics/ SEROTONIN, metabolism/ SYNDROME/ TRIGLYCERIDES, metabolism

3803. **Hermansky F:** Trombocitopatie congenite: premesse storiche e situazione attuale [editorial] Haematologica (Pavia) 62(3):229–40, Jun 77 **(Ita)**
*BLOOD PLATELET DISORDERS, congenital/ HUMAN/ PLATELET AGGREGATION/ SEROTONIN, blood/ THROMBOCYTOPATHY, blood/ *THROMBOCYTOPATHY, congenital

3804. **Hermodson M, Schmer G, Kurachi K:** Isolation, crystallization, and primary amino acid sequence of human platelet factor 4. J Biol Chem 252(18):6276–9, 25 Sep 77
AMINO ACID SEQUENCE/ *BLOOD COAGULATION FACTORS, isolation & purification/ CHROMATOGRAPHY, AFFINITY/ CRYSTALLIZATION/ HUMAN/ PEPTIDE FRAGMENTS/ *PLATELET FACTOR 4, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3805. **Hermon-Taylor J, Perrin J, Grant DA, et al:** Immunofluorescent localisation of enterokinase in human small intestine. Gut 18(4):259–65, Apr 77
DUODENUM/ *ENTEROPEPTIDASE, analysis/ ENTEROPEPTIDASE, biosynthesis/ ENTEROPEPTIDASE, immunology/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ *INTESTINAL MUCOSA, enzymology/ INTESTINAL MUCOSA, immunology/ *INTESTINE, SMALL, enzymology/ INTESTINE, SMALL, immunology/ JEJUNUM/ *PEPTIDE PEPTIDOHYDROLASES, analysis

3806. **Hermsmeyer K, de Cino P, White R:** Spontaneous contractions of dispersed vascular muscle in cell culture. In Vitro 12(9):628–34, Sep 76
BLOOD VESSELS/ CELL SEPARATION/ CHICK EMBRYO/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ COMPARATIVE STUDY/ HEART, physiology/ IN VITRO/ *MUSCLE CONTRACTION/ MUSCLE CONTRACTION, drug effects/ *MUSCLES, physiology/ MYOCARDIAL CONTRACTION/ NOREPINEPHRINE, pharmacodynamics/ *TISSUE CULTURE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3807. **Hernell O, Gebre-Medhin M, Olivecrona T:** Breast milk composition in Ethiopian and Swedish mothers. IV. Milk lipases. Am J Clin Nutr 30(4):508–11, Apr 77
ADOLESCENCE/ ADULT/ COMPARATIVE STUDY/ ETHIOPIA/ FEMALE/ HUMAN/ *LIPASE, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ *MILK, HUMAN, enzymology/ PREGNANCY/ SOCIOECONOMIC FACTORS/ SWEDEN

3808. **Herrmann IF:** Notfall--Blutung im Bereich der oberen Luftwege Med Welt 27(42):1983–5, 15 Oct 76 **(Ger)**
*EMERGENCIES/ EPISTAXIS/ HEMORRHAGE, etiology/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ *RESPIRATORY TRACT DISEASES/ RESPIRATORY TRACT DISEASES, etiology/ TONSILLECTOMY, adverse effects

3809. **Herrmann J, Rudorff KH, Gockenjan G, et al:** Charcoal haemoperfusion in thyroid storm [letter]. Lancet 1(8005):248, 29 Jan 77
CHARCOAL, therapeutic use/ FEMALE/ *HEMODIALYSIS, methods/ HEPARIN, pharmacodynamics/ HUMAN/ HYPOTHYROIDISM, blood/ LITHIUM, therapeutic use/ RECEPTORS, HORMONE, drug effects/ *THYROID CRISIS, therapy/ THYROXINE, blood/ TRIIODOTHYRONINE, blood

3810. **Herrschaft H:** Die Therapie der cerebralen Mangeldurchblutung Nervenarzt 47(11):639–50, Nov 76 (106 ref.) **(Ger)**
ACTIHAEMYL, pharmacodynamics/ ANTICOAGULANTS, therapeutic use/ BENCYCLANE, pharmacodynamics/ BRAIN EDEMA, drug therapy/ CENTROPHENOXINE, pharmacodynamics/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ *CEREBROVASCULAR CIRCULATION, drug effects/ CEREBROVASCULAR DISORDERS, drug therapy/ DEXAMETHASONE, therapeutic use/ DEXTRAN, pharmacodynamics/ ERGOT ALKALOIDS, pharmacodynamics/ HEXOBENDINE, pharmacodynamics/ HUMAN/ NICOTINYL ALCOHOL, pharmacodynamics/ PAPAVERINE, pharmacodynamics/ PYRITHIOXIN, pharmacodynamics/ REVIEW/ THEOPHYLLINE, analogs & derivatives/ THEOPHYLLINE, pharmacodynamics/ XANTHINOL NIACINATE, pharmacodynamics/ YOHIMBINE, pharmacodynamics

3811. **Hersey SJ:** Influence of amytal and menadione on high-energy phosphates and acid secretion in frog gastric mucosa. Biochim Biophys Acta 496(2):359–66, 28 Feb 77
*ADENOSINE TRIPHOSPHATE, metabolism/

*AMOBARBITAL, pharmacodynamics/ ANIMAL/ CHLORIDES, metabolism/ COMPARATIVE STUDY/ FROGS/ GASTRIC JUICE, secretion/ *GASTRIC MUCOSA, secretion/ MALE/ *PHOSPHOCREATINE, metabolism/ POTENTIOMETRY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, pharmacodynamics

3812. **Hertault J:** Le traitement de fond de l'angor coronarien dans la pratique courante Sem Hop Ther 52(10):545–8, Dec 76 **(Fre)**
*ANGINA PECTORIS, drug therapy/ ANGINA PECTORIS, surgery/ ANTICOAGULANTS, therapeutic use/ HUMAN/ VASODILATOR AGENTS, therapeutic use

3813. **Hertzer NR:** Surgical management of intermittent claudication. Am Fam Physician 16(3):108–16, Sep 77
ANGIOGRAPHY/ ATHEROMA, diagnosis/ BLOOD VESSEL PROSTHESIS/ ENDARTERECTOMY/ HUMAN/ INTERMITTENT CLAUDICATION, diagnosis/ *INTERMITTENT CLAUDICATION, surgery/ LEG, blood supply/ SAPHENOUS VEIN, transplantation/ SYMPATHECTOMY/ THROMBOSIS, diagnosis/ TRANSPLANTATION, AUTOLOGOUS

3814. **Herve P, Masse M, Coffe C, et al:** Cryopreserving HLA-typed platelets obtained on cell separators [letter] Lancet 2(8027):45, 2 Jul 77
*BLOOD PLATELETS, immunology/ *BLOOD PRESERVATION, methods/ CELL SEPARATION/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ *HL-A/ HUMAN/ REFRIGERATION

3815. **Hesford F, Hadorn B, Blaser K, et al:** A new substrate for enteropeptidase. FEBS Lett 71(2):279–82, 1 Dec 76
ANIMAL/ BENZOATES/ *ENTEROPEPTIDASE, metabolism/ HYDROGEN-ION CONCENTRATION/ INTESTINE, SMALL, enzymology/ KINETICS/ OLIGOPEPTIDES/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

3816. **Hespell RB:** Glycolytic and tricarboxylic acid cycle enzyme activities during intraperiplasmic growth of Bdellovibrio bacteriovorus on Escherichia coli. J Bacteriol 128(2):677–80, Nov 76
*BDELLOVIBRIO, enzymology/ BDELLOVIBRIO, growth & development/ *ESCHERICHIA COLI/ ESCHERICHIA COLI, enzymology/ FRUCTOSEDIPHOSPHATE ALDOLASE, metabolism/ GALACTOSIDASES, metabolism/ *GLYCOLYSIS/ KINETICS/ *KREBS CYCLE/ OXYGEN CONSUMPTION/ PEPTIDE HYDROLASES, metabolism/ PHOSPHOFRUCTOKINASE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3817. **Hess H, Marshall M:** The importance of flow in blood vessels. Biorheology 13(4):221–3, Aug 76
ANIMAL/ *BLOOD CIRCULATION/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION/ BLOOD FLOW VELOCITY/ BLOOD VESSEL PROSTHESIS/ *BLOOD VESSELS, physiology/ GUINEA PIGS/ HUMAN/ PLATELET ADHESIVENESS

3818. **Hesse RJ:** Herpes zoster ophthalmicus associated with delayed retinal thrombophlebitis. Am J Ophthalmol 84(3):329–31, Sep 77
CASE REPORT/ FEMALE/ FLUORESCENCE ANGIOGRAPHY/ HEMORRHAGE, complications/ *HERPES ZOSTER, OCULAR, complications/ HUMAN/ INFLAMMATION, complications/ MIDDLE AGE/ *RETINAL VESSELS/ *THROMBOSIS, complications/ THROMBOSIS, diagnosis/ VITREOUS BODY

3819. **Hesselmann J, Raether C, Lippelt J:** Chronische Verbrauchskoagulopathie bei Riesenhämangiomen verschiedener Lokalisation; Kasabach-Merritt-Syndrom des Erwachsenen Med Welt 27(36):1703–7, 3 Sep 76 **(Ger)**
ADULT/ CASE REPORT/ CHRONIC DISEASE/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ *HEMANGIOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, pathology/ *SKIN NEOPLASMS, pathology/ STOMACH NEOPLASMS, pathology/ SYNDROME

3820. **Hessov I, Bojsen-Møller M:** Experimental infusion thrombophlebitis. Importance of the infusion rate. Eur J Intensive Care Med 2(2):103–5, Sep 76
ANIMAL/ EAR/ GLUCOSE/ HYDROGEN-ION CONCENTRATION/ *INFUSIONS, PARENTERAL/ INFUSIONS, PARENTERAL, methods/ RABBITS/ *THROMBOPHLEBITIS, etiology/ TIME FACTORS

3821. **Hessov I, Bojsen-Møller M:** Experimental infusion thrombophlebitis. Importance of the pH of glucose solutions. Eur J Intensive Care Med 2(2):97–101, Sep 76
ANIMAL/ EAR, blood supply/ *GLUCOSE/ *HYDROGEN-ION CONCENTRATION/ *INFUSIONS, PARENTERAL/ RABBITS/ SOLUTIONS/ *THROMBOPHLEBITIS, etiology/ VEINS

3822. **Hetzel R, Wüthrich K, Deisenhofer J, et al:** Dynamics of the aromatic amino acid residues in the globular conformation of the basic pancreatic trypsin inhibitor (BPTI). II. Semi-empirical energy calculations. Biophys Struct Mech 2(2):159–80, 23 Aug 76
*AMINO ACIDS, analysis/ *KALLIKREIN-TRYPSIN INACTIVATOR, analysis/ MODELS, CHEMICAL/ NUCLEAR MAGNETIC RESONANCE/ PHENYLALANINE, analysis/ PROTEIN CONFORMATION/ TYROSINE, analysis

3823. **Hewish D:** Features of the structure of replicating and non-replicating chromatin in chicken erythroblasts. Nucleic Acids Res 4(6):1881–90, Jun 77
ANIMAL/ CALCIUM, pharmacodynamics/ CELL NUCLEUS, drug effects/ CELL NUCLEUS, metabolism/ CHICKENS/ CHROMATIN, metabolism/ *DEOXYRIBONUCLEASE, metabolism/ *DNA REPLICATION/ *DNA, metabolism/ *ERYTHROBLASTS, metabolism/ *ERYTHROCYTES, metabolism/ MAGNESIUM, pharmacodynamics/ THYMIDINE, metabolism/ TIME FACTORS/ TRYPSIN

3824. **Hewitt J, Kogut M:** An investigation of mistranslation in vivo induced by streptomycin by an examination of the susceptibility of abnormal proteins to degradation. Eur J Biochem 74(2):285–92, 1 Apr 77
*BACTERIAL PROTEINS, metabolism/ CANAVANINE, pharmacodynamics/ CELL DIVISION, drug effects/ *DIHYDROSTREPTOMYCIN, pharmacodynamics/ ESCHERICHIA COLI, drug effects/ *ESCHERICHIA COLI, metabolism/ KINETICS/ PEPTIDE HYDROLASES, metabolism/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ PUROMYCIN, pharmacodynamics/ *TRANSLATION, GENETIC, drug effects

3825. **Hewlett EL, Manclark CR, Wolff J:** Adenyl cyclase in Bordetella pertussis vaccines. J Infect Dis 136 Suppl:S216–9, Aug 77
*ADENYL CYCLASE, metabolism/ *BORDETELLA PERTUSSIS, enzymology/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ *PERTUSSIS VACCINE/ SONICATION/ TEMPERATURE/ TRYPSIN, pharmacodynamics

3826. **Hey EB Jr:** Continuous vs intermittent heparin therapy [letter]. JAMA 237(23):2469, 6 Jun 77
AGED/ HEMORRHAGE, prevention & control/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ METHODS/ PULMONARY EMBOLISM, prevention & control

3827. **Heyes H, Müller E:** Die erworbene Koagulopathie bei intrauterinem Fruchttod. Ein Beitrag zur Pathogenese. Geburtshilfe Frauenheilkd 37(7):595–9, Jul 77 (Eng. Abstr.) **(Ger)**
*ABORTION, MISSED, complications/ ADULT/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/

FIBRINOLYSIS/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ PREGNANCY

3828. **Heymer B, Niethammer D, Spanel R, et al:** Pathomorphology of humoral, cellular and combined primary immunodeficiencies. Virchows Arch [Pathol Anat] 374(2):87–103, 3 Jun 77
ADOLESCENCE/ AGAMMAGLOBULINEMIA, pathology/ ANEMIA, APLASTIC, complications/ AUTOPSY/ BACTERIAL INFECTIONS, pathology/ BONE MARROW CELLS, transplantation/ CASE REPORT/ CHILD, PRESCHOOL/ CYTOMEGALIC INCLUSION DISEASE, complications/ HUMAN/ IMMUNITY, CELLULAR/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, pathology/ INFANT/ LIVER DISEASES, complications/ LYMPH NODES, pathology/ MALE/ MICROSCOPY, ELECTRON/ PNEUMONIA, complications/ RECURRENCE/ SPLEEN, pathology/ SYNDROME/ THROMBOPENIA, pathology/ THYMUS GLAND, pathology/ TRANSPLANTATION, ALLOGENEIC

3829. **Heymsfield SB, Bethel RA, Hall EC, et al:** Anabolic actions of reduced and S-carbamidomethylated human growth hormone and its plasmin digest in man. J Clin Invest 60(3):563–70, Sep 77
ADOLESCENCE/ CHILD/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ FIBRINOLYSIN, metabolism/ HUMAN/ MALE/ SOMATOTROPIN, analogs & derivatives/ SOMATOTROPIN, deficiency/ *SOMATOTROPIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3830. **Heyn G, Metz L, Waigand J:** Die chirurgische Behandlung der akuten Becken-Beinvenenthrombose
Z Aerztl Fortbild (Jena) 70(22):1161–4, 15 Nov 76 **(Ger)**
ACUTE DISEASE/ ADULT/ ARTERIAL OCCLUSIVE DISEASES, complications/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ *PELVIS, blood supply/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS, radiography/ THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, surgery/ TIME FACTORS

3831. **Hibbs JB Jr, Taintor RR, Chapman HA Jr, et al:** Macrophage tumor killing: influence of the local environment. Science 197(4300):279–82, 15 Jul 77
BLOOD/ BCG, immunology/ CELLS, CULTURED/ CULTURE MEDIA/ ENDOTOXINS, pharmacodynamics/ ENZYME INHIBITORS, pharmacodynamics/ LYMPHOKINES, pharmacodynamics/ MACROPHAGES, drug effects/ *MACROPHAGES, immunology/ *NEOPLASMS, EXPERIMENTAL, immunology/ TOXOPLASMA, immunology/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3832. **Hickey MU, Kasonde JM:** Maternal mortality at University Teaching Hospital, Lusaka. Med J Zambia 11(3):74–8, Jun–Jul 77
ABORTION, mortality/ ADOLESCENCE/ ADULT/ ANESTHESIA, OBSTETRICAL, mortality/ EMBOLISM, AMNIOTIC FLUID, mortality/ FEMALE/ HEMORRHAGE, POSTPARTUM, mortality/ HUMAN/ *MATERNAL MORTALITY/ PREGNANCY COMPLICATIONS, mortality/ PREGNANCY COMPLICATIONS, INFECTIOUS, mortality/ PREGNANCY/ PULMONARY EMBOLISM, mortality/ SEPTICEMIA, mortality/ UTERINE RUPTURE, mortality/ ZAMBIA

3833. **Hicks BH, Taylor CI, Vij SK, et al:** Effect of changes in plasma levels of free fatty acids on plasma glucagon, insulin, and growth hormone in man. Metabolism 26(9):1011–23, Sep 77
ADULT/ ARGININE, pharmacodynamics/ BLOOD SUGAR, metabolism/ *FATTY ACIDS, NONESTERIFIED, blood/ *GLUCAGON, blood/ HEPARIN, pharmacodynamics/ HUMAN/ *INSULIN, blood/ MALE/ NICOTINIC ACIDS, pharmacodynamics/ *SOMATOTROPIN, blood/ TRIGLYCERIDES, blood/ TRIGLYCERIDES, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3834. **Hicsönmez G, Ozsoylu S:** Vincristine for treatment of chronic thrombocytopenia in children [letter].
N Engl J Med 296(8):454–5, 24 Feb 77
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ *THROMBOPENIA, drug therapy/ *VINCRISTINE, therapeutic use

3835. **Hidaka H, Asano T:** Platelet cyclic 3':5'-nucleotide phosphodiesterase released by thrombin and calcium ionophore. J Biol Chem 251(23):7508–16, 10 Dec 76
*A-23187, pharmacodynamics/ ANIMAL/ *ANTIBIOTICS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ CALCIUM, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE/ HEPARIN, pharmacodynamics/ HUMAN/ KINETICS/ PAPAVERINE, pharmacodynamics/ *PHOSPHODIESTERASES, blood/ RATS/ THEOPHYLLINE, pharmacodynamics/ *THROMBIN, pharmacodynamics/ *3',5'-CYCLIC AMP PHOSPHODIESTERASE, blood

3836. **Hidano A, Ogihara Y:** Cryotherapy with solid carbon dioxide in the treatment of nevus flammeus.
J Dermatol Surg Oncol 3(2):213–6, Mar–Apr 77
AGE FACTORS/ *CRYOTHERAPY/ DRY ICE, therapeutic use/ FEMALE/ *HEMANGIOMA, therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *SKIN NEOPLASMS, therapy

3837. **Hidvegi RS:** Bilateral intrarenal hematomas from anticoagulants. J Can Assoc Radiol 27(4):250–4, Dec 76
CASE REPORT/ FEMALE/ *HEMATOMA, chemically induced/ HEMATOMA, radiography/ HUMAN/ *KIDNEY DISEASES, chemically induced/ KIDNEY DISEASES, radiography/ KIDNEY, radiography/ MIDDLE AGE/ PULMONARY EMBOLISM, drug therapy/ THROMBOPHLEBITIS, drug therapy/ *WARFARIN, adverse effects

3838. **Hietanen E, Greenwood MR:** A comparison of lipoprotein lipase activity and adipocyte differentiation in growing male rats. J Lipid Res 18(4):480–90, Jul 77
*ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, growth & development/ AGING/ ANIMAL/ CELL DIFFERENTIATION/ FASTING/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ KINETICS/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ SUBCELLULAR FRACTIONS, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3839. **Hifnawy MS, Vaquette J, Pousset JL, et al:** Produits neutres de myrtopsis sellingii: isolement de deux nouvelles coumarines, la myrselline et le myrsellinol Planta Med 31(2):156–62, Feb 77 **(Fre)**
CHEMISTRY/ *COUMARINS, analysis/ *PLANTS, MEDICINAL, analysis

3840. **Higerd TB:** Isolation of acetyl esterase mutants of Bacillus subtilis 168. J Bacteriol 129(2):973–7, Feb 77
*ACETYLESTERASE, biosynthesis/ ANTIBIOTICS, biosynthesis/ *BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ BACILLUS SUBTILIS, metabolism/ *MUTATION/ PEPTIDE HYDROLASES, biosynthesis/ SPORES, BACTERIAL, growth & development

3841. **Higgins R, Cousineau G:** The pathogenesis of leptospirosis I. Hemorrhages in experimental leptospirosis in guinea pigs. Can J Comp Med 41(2):174–81, Apr 77
ANIMAL/ FACTOR V, analysis/ FACTOR VIII, analysis/ FIBRINOGEN, analysis/ *GUINEA PIGS/ HEMORRHAGE, blood/ *HEMORRHAGE, veterinary/ LEPTOSPIRA INTERROGANS/ LEPTOSPIROSIS, blood/

LEPTOSPIROSIS, pathology/ *LEPTOSPIROSIS, veterinary/ LIVER, pathology/ LUNG, pathology/ MALE/ *RODENT DISEASES/ RODENT DISEASES, blood/ RODENT DISEASES, pathology

3842. **Higgs GA, Bunting S, Moncada S, et al:** Polymorphonuclear leukocytes produce thromboxane A2–like activity during phagocytosis. Prostaglandins 12(5):749–57, Nov 76
ANIMAL/ AORTA, drug effects/ BLOOD PLATELETS, metabolism/ HEAT/ HORSES/ *LEUKOCYTES, metabolism/ MICROSOMES, metabolism/ MUSCLE CONTRACTION, drug effects/ PEROXIDES, metabolism/ PEROXIDES, pharmacodynamics/ *PHAGOCYTOSIS/ PROSTAGLANDINS E, pharmacodynamics/ PROSTAGLANDINS F, pharmacodynamics/ *PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ RABBITS

3843. **Hilal SK, Trokel SL:** Computerized tomography of the orbit using thin sections. Semin Roentgenol 12(2):137–47, Apr 77
ARTERIOVENOUS FISTULA, radiography/ ARTERIOVENOUS MALFORMATIONS, radiography/ CAROTID ARTERY DISEASES, radiography/ CAVERNOUS SINUS, radiography/ DACRYOCYSTITIS, radiography/ EXOPHTHALMOS, radiography/ EYE NEOPLASMS, radiography/ GLIOMA, radiography/ GOITER, EXOPHTHALMIC, radiography/ HEMANGIOMA, radiography/ HUMAN/ LACRIMAL APPARATUS DISEASES, radiography/ LYMPHOSARCOMA, radiography/ MENINGIOMA, radiography/ MYOSITIS, radiography/ NEURILEMMOMA, radiography/ NEUROFIBROMATOSIS, radiography/ ORBIT, blood supply/ *ORBIT, radiography/ *ORBITAL NEOPLASMS, radiography/ PARANASAL SINUS NEOPLASMS, radiography/ RETINOBLASTOMA, radiography/ SARCOMA, OSTEOGENIC, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL/ TOMOGRAPHY, COMPUTERIZED AXIAL, methods/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3844. **Hildebrand CE, Gurley LR, Tobey RA, et al:** Action of heparin on mammalian nuclei. I. Differential extraction of histone H1 and cooperative removal of histones from chromatin. Biochim Biophys Acta 477(3):295–311, 2 Aug 77
BINDING SITES/ CELL FRACTIONATION/ CELL LINE/ CELL NUCLEUS/ CENTRIFUGATION, DENSITY GRADIENT/ *CHROMATIN/ CHROMATIN, analysis/ DNA, isolation & purification/ *HEPARIN/ *HISTONES/ HISTONES, isolation & purification/ KINETICS/ PROTEIN BINDING/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3845. **Hilgard P, Thornes RD:** Anticoagulants in the treatment of cancer. Eur J Cancer 12(10):755–62, Oct 76 (72 ref.)
ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ *ANTICOAGULANTS, therapeutic use/ ARVIN, therapeutic use/ ASPIRIN, pharmacodynamics/ COUMARINS, therapeutic use/ FACTOR XIII, antagonists & inhibitors/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MICE/ NEOPLASM METASTASIS/ *NEOPLASMS, drug therapy/ NEOPLASMS, EXPERIMENTAL, drug therapy/ PLATELET AGGREGATION, drug effects/ RABBITS/ RATS/ REVIEW

3846. **Hilgard P, Thornes RD:** Anticoagulants in the treatment of cancer. Eur J Cancer 12(10):755–62, Oct 76 (72 ref.)
ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ *ANTICOAGULANTS, therapeutic use/ ARVIN, therapeutic use/ ASPIRIN, pharmacodynamics/ COUMARINS, therapeutic use/ FACTOR XIII, antagonists & inhibitors/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MICE/ NEOPLASM METASTASIS/ *NEOPLASMS, drug therapy/ NEOPLASMS, EXPERIMENTAL, drug therapy/ PLATELET AGGREGATION, drug effects/ RABBITS/ RATS/ REVIEW

3847. **Hilgard P:** Experimental vitamin K deficiency and spontaneous metastases. Br J Cancer 35(6):891–2, Jun 77
ANIMAL/ ARVIN, therapeutic use/ COUMARINS, therapeutic use/ DIET/ LUNG NEOPLASMS, prevention & control/ MICE/ MICE, INBRED C57BL/ *NEOPLASM METASTASIS, prevention & control/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, prevention & control/ TRANSPLANTATION, ISOGENEIC/ *VITAMIN K DEFICIENCY

3848. **Hilgard P:** Cancer and vitamin K [letter] Lancet 2(8034):403, 20 Aug 77
HUMAN/ *NEOPLASMS, etiology/ *VITAMIN K, metabolism

3849. **Hilgartner MW, Giardina P:** Liver dysfunction in patients with hemophilia. Scand J Haematol (30):6–10, 1977
ADOLESCENCE/ ADULT/ ALANINE AMINOTRANSFERASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ *FACTOR VIII, adverse effects/ FACTOR VIII, therapeutic use/ HUMAN/ *LIVER DISEASES, chemically induced/ MIDDLE AGE

3850. **Hilgartner MW:** Home care for hemophilia: current state of the art. Scand J Haematol (30):58–64, 1977
*BLOOD TRANSFUSION/ FAMILY/ FOLLOW-UP STUDIES/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN/ PHYSICIAN-PATIENT RELATIONS/ UNITED STATES

3851. **Hilgartner MW, Sergis E:** Current therapy for hemophiliacs: home care and therapeutic complications. Mt Sinai J Med NY 44(3):316–31, May–Jun 77
BLOOD TRANSFUSION, adverse effects/ FACTOR IX, therapeutic use/ FACTOR VIII, therapeutic use/ *HEMOPHILIA, therapy/ HOME CARE SERVICES/ HUMAN

3852. **Hilger HH, Tauchert M:** Medikamentöse Therapie der Koronarinsuffizienz. Internist (Berlin) 18(6):315–21, Jun 77 **(Ger)**
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ ANTI-ARRHYTHMIA AGENTS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ CALCIUM, antagonists & inhibitors/ CARDIAC GLYCOSIDES, therapeutic use/ CHROMONAR, therapeutic use/ *CORONARY DISEASE, drug therapy/ CORONARY VESSELS/ HUMAN/ MIDDLE AGE/ NITRATES, therapeutic use/ OXYFEDRINE, therapeutic use/ VASODILATOR AGENTS, therapeutic use

3853. **Hill FG, Chan MC, Hardisty RM:** Von Willebrand's syndrome. Studies on a variant factor VIII. Haemostasis 5(5):276–84, 1976
ADOLESCENCE/ ANTIGENS/ CASE REPORT/ CHROMATOGRAPHY, GEL/ CRYOGLOBULINS/ *FACTOR VIII/ FACTOR VIII, analysis/ FACTOR VIII, immunology/ FEMALE/ HUMAN/ IMMUNE SERUMS, pharmacodynamics/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ IMMUNOSORBENT TECHNICS/ PLATELET AGGREGATION/ PRECIPITATION/ RISTOCETIN, pharmacodynamics/ *VARIATION (GENETICS)/ VON WILLEBRAND FACTOR, deficiency/ *VON WILLEBRAND'S DISEASE, blood

3854. **Hill HD Jr, Schwyzer M, Steinman HM, et al:** Ovine submaxillary mucin. Primary structure and peptide substrates of UDP-N-acetylgalactosamine:mucin transferase. J Biol Chem 252(11):3799–804, 10 Jun 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *GALACTOSYLTRANSFERASES, metabolism/ *MUCIN/ MUCIN, metabolism/ PEPTIDE FRAGMENTS, analysis/ SERINE, analysis/ SHEEP/ *SUBMANDIBULAR GLAND, analysis/ THREONINE, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ URIDINE DIPHOSPHATE N-ACETYLGLUCOSAMINE, metabolism

3855. **Hill HF:** Treatment of rheumatoid arthritis with penicillamine. Semin Arthritis Rheum 6(4):361–88, May 77
*ARTHRITIS, RHEUMATOID, drug therapy/ AZATHIOPRINE, therapeutic use/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG EVALUATION/ GASTROINTESTINAL DISEASES, chemically induced/ GOLD, therapeutic use/ HUMAN/ PENICILLAMINE, adverse effects/ PENICILLAMINE, pharmacodynamics/ *PENICILLAMINE, therapeutic use/ PROTEINURIA, chemically induced/ SKIN DISEASES, chemically induced/ THROMBOPENIA, chemically induced

3856. **Hill J, Caprini JA, Dawson WJ:** Unusual popliteal mass. Ill Med J 151(2):117–20, Feb 77
CASE REPORT/ *CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMATOMA, diagnosis/ HEMATOMA, surgery/ HUMAN/ *KNEE JOINT/ MIDDLE AGE/ POPLITEAL ARTERY, radiography/ POPLITEAL VEIN, radiography

3857. **Hill J, Caprini JA, Dawson WJ:** Unusual popleteal mass. IMJ 151(2):117–20, Feb 77
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMATOMA, diagnosis/ HUMAN/ JOINT DISEASES, diagnosis/ *KNEE JOINT/ MIDDLE AGE/ POPLITEAL VEIN/ SYNOVIAL CYST, diagnosis/ THROMBOSIS, diagnosis

3858. **Hill JB, Palaia FL, McAdams JL, et al:** The rationale for fixed-bed charcoal in hemoperfusion. Kidney Int [Suppl] (7):S328–32, Dec 76
ADSORPTION/ ANIMAL/ BLOOD PLATELETS/ *CHARCOAL, therapeutic use/ DISEASE MODELS, ANIMAL/ DOGS/ FILTRATION, instrumentation/ *HEMODIALYSIS, methods/ KIDNEY, ARTIFICIAL, instrumentation/ MALE/ PARTICLE SIZE/ PHENOBARBITAL, poisoning/ POISONING, therapy/ SALICYLATES, poisoning

3859. **Hill PM:** A rapid method for the preparation of stable 99Tcm-urokinase. Br J Radiol 50(595):518–20, Jul 77
*ISOTOPE LABELING, methods/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, diagnostic use/ TECHNETIUM/ THROMBOPHLEBITIS, diagnosis/ *UROKINASE/ UROKINASE, diagnostic use

3860. **Hiller E, Saal JG, Griffiths GW:** Die Beeinflussung des exogenen Gerinnungssystems durch Endotoxin-stimulierte Monozyten Blut 34(5):409–12, May 77 **(Ger)**
*BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ ENDOTOXINS, pharmacodynamics/ GRANULOCYTES, drug effects/ HUMAN/ LYMPHOCYTES, drug effects/ LYSOSOMES/ MICROSCOPY, ELECTRON/ *MONOCYTES/ MONOCYTES, drug effects/ THROMBOPLASTIN, analysis

3861. **Hiller E, Schmid HJ, Ostendorf P, et al:** Der Einfluss von Endotoxin auf die Gerinnungsaktivität von Leukozyten. Verh Dtsch Ges Inn Med 82 Pt 2:1632–5, 1976 **(Ger)**
*BLOOD COAGULATION, drug effects/ *ENDOTOXINS, pharmacodynamics/ HUMAN/ *LEUKOCYTES, drug effects

3862. **Hiller E, Saal JG, Ostendorf P, et al:** The procoagulant activity of human granulocytes, lymphocytes and monocytes stimulated by endotoxin. Coagulation and electron microscopic studies. Klin Wochenschr 55(15):751–7, 1 Aug 77
BLOOD COAGULATION TESTS/ CELLULAR INCLUSIONS/ *ENDOTOXINS, pharmacodynamics/ *GRANULOCYTES, drug effects/ HUMAN/ *LEUKOCYTES, drug effects/ LYMPHOCYTES/ LYSOSOMES/ MICROSCOPY, ELECTRON/ *MONOCYTES, drug effects/ STIMULATION, CHEMICAL/ *THROMBOPLASTIN, metabolism

3863. **Hillman GM, Engelman DM:** Compositional mapping of cholesteryl ester droplets in the fatty streaks of human aorta. J Clin Invest 58(4):1008–18, Oct 76
ADOLESCENCE/ ADULT/ *AORTA, pathology/ BIREFRINGENCE/ CHEMISTRY, PHYSICAL/ *CHOLESTEROL ESTERS/ *CHOLESTEROL/ CHOLESTEROL, analogs & derivatives/ *FATTY STREAK, ARTERIAL, pathology/ FEMALE/ HUMAN/ MALE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3864. **Hillman K, Schlamowitz M, SHAW AR:** Characterization of IgC receptors of the fetal rabbit yolk sac membrane: localization to subcellular fraction and effects of chemical agents and enzymes on binding. J Immunol 118(3):782–8, Mar 77
ANIMAL/ BINDING SITES/ CELL FRACTIONATION/ CELL MEMBRANE, immunology/ GALACTOSIDASES, pharmacodynamics/ GLYCOSIDE HYDROLASES, pharmacodynamics/ *IGG/ LACTOPEROXIDASE, pharmacodynamics/ NEURAMINIDASE, pharmacodynamics/ PAPAIN, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS/ SODIUM CHLORIDE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITELLINE MEMBRANE, immunology

3865. **Hillscher A, Konrad H, Schulz K, et al:** Thrombozytenkinetische Befunde als Ausdruck der Funktionslage des retikuloendothelialen Systems. Radiobiol Radiother (Berl) 18(2):201–6, 1977 (Eng. Abstr.) **(Ger)**
*BLOOD PLATELETS/ *BONE MARROW DISEASES, blood/ ENGLISH ABSTRACT/ HUMAN/ *LIVER CIRRHOSIS, blood/ *LYMPHOMA, blood/ *PURPURA, THROMBOPENIC, blood

3866. **Hinck LW, Ivey MH:** Proteinase activity in Ascaris suum eggs, hatching fluid, and excretions-secretions. J Parasitol 62(5):771–4, Oct 76
ANIMAL/ *ASCARIS, enzymology/ ASCARIS, metabolism/ FEMALE/ HYDROGEN-ION CONCENTRATION/ OVUM, enzymology/ *PEPTIDE HYDROLASES, metabolism/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3867. **Hindersin P, Heidrich R:** Psychiatrie, Neurologie und medizinische Psychologie Zeitschrift für die gesamte Nervenheilkunde und Psychotherapie Psychiatr Neurol Med Psychol (Leipz) 29(3):129–44, Mar 77 (Eng. Abstr.) **(Ger)**
ANTIFIBRINOLYTIC AGENTS, administration & dosage/ BLOOD COAGULATION TESTS/ BLOOD-BRAIN BARRIER, drug effects/ *CEREBRAL ANEURYSM, blood/ CEREBRAL ANEURYSM, diagnosis/ CEREBRAL ANEURYSM, drug therapy/ CEREBRAL EMBOLISM AND THROMBOSIS, blood/ CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBROVASCULAR CIRCULATION, drug effects/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ *HEMOSTASIS/ HUMAN/ RECURRENCE/ *SUBARACHNOID HEMORRHAGE, blood/ SUBARACHNOID HEMORRHAGE, diagnosis/ SUBARACHNOID HEMORRHAGE, drug therapy/ VASOCONSTRICTOR AGENTS, administration & dosage

3868. **Hindersin P, Heidrich R:** In-vitro-Versuche zur Klärung der fibrinolytischen Aktivität im Normalliquor. Psychiatr Neurol Med Psychol (Leipz) 29(5):275–84, May 77 (Eng. Abstr.) **(Ger)**
*CEREBROSPINAL FLUID, physiology/ ENGLISH ABSTRACT/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, cerebrospinal fluid/ FIBRINOLYSIN, cerebrospinal fluid/ *FIBRINOLYSIS/ GEL DIFFUSION TESTS/ IN VITRO/ PLASMINOGEN, cerebrospinal fluid/ THROMBELASTOGRAPHY

3869. **Hindfelt B, Nilsson O:** Brain infarction in young adults (with particular reference to pathogenesis). Acta Neurol Scand 55(2):145–57, Feb 77
ADOLESCENCE/ ADULT/ BLOOD COAGULATION DISORDERS, complications/ *CEREBRAL EMBOLISM AND THROMBOSIS,

etiology/ CEREBRAL EMBOLISM AND THROMBOSIS, occurrence/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HEAD INJURIES, complications/ HEART DISEASES, complications/ HEMATOLOGIC DISEASES, complications/ HUMAN/ INFECTION, complications/ MALE/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY/ RETROSPECTIVE STUDIES/ RISK/ SEASONS/ SWEDEN/ VASCULAR DISEASES, complications/ VIRUS DISEASES, complications

3870. **Hines HC, Trowbridge CL, Zink GL:** Removal of blood group determinants from bovine erythrocyte membranes. 3. Action of proteolytic enzymes on intact cells. Anim Blood Groups Biochem Genet 7(2):91–9, 1976
ANIMAL/ ANTIGENIC DETERMINANTS/ *BLOOD GROUPS/ *CATTLE, blood/ *ERYTHROCYTE MEMBRANE, analysis/ *ERYTHROCYTES, analysis/ *MEMBRANE PROTEINS, analysis/ MEMBRANE PROTEINS, immunology/ PEPTIDE HYDROLASES

3871. **Hinnen R, Chassin R, Schäfer R, et al:** Structure and synthesis of a lipid-containing bacteriophage. Purification, chemical composition, and partial sequences of the structural proteins. Eur J Biochem 68(1):139–52, Sep 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BACTERIOPHAGES, ultrastructure/ CARBOXYPEPTIDASES/ *LIPIDS, analysis/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, isolation & purification/ *PSEUDOMONAS, ultrastructure/ TRYPSIN/ *VIRAL PROTEINS/ VIRAL PROTEINS, analysis/ VIRAL PROTEINS, isolation & purification

3872. **Hint H:** Propriétés hysico-chimiques du dextran Anesth Analg (Paris) 3(4):487–93, Jul–Aug 76 **(Fre)**
BLOOD VISCOSITY/ CAPILLARY PERMEABILITY/ CHEMISTRY, PHYSICAL/ COLLOIDS/ *DEXTRAN/ DEXTRAN, blood/ OSMOTIC PRESSURE/ *PLASMA SUBSTITUTES/ VISCOSITY

3873. **Hinton M, Jones DR, Lewis IM, et al:** A clotting defect in an Arab colt foal. Equine Vet J 9(1):1–3, Jan 77
ANIMAL/ *BLOOD COAGULATION DISORDERS, veterinary/ CHRISTMAS DISEASE, blood/ CHRISTMAS DISEASE, pathology/ CHRISTMAS DISEASE, veterinary/ FACTOR XI DEFICIENCY, blood/ FACTOR XI DEFICIENCY, pathology/ FACTOR XI DEFICIENCY, veterinary/ HEMOPHILIA, blood/ HEMOPHILIA, pathology/ HEMOPHILIA, veterinary/ *HORSE DISEASES/ HORSE DISEASES, blood/ HORSE DISEASES, pathology/ HORSES/ LUNG, pathology/ MALE/ SPLEEN, pathology

3874. **Hiotakis K:** Verlaufsbeobachtung und Intensivtherapie der schweren akuten Pankreatitis. Prakt Anaesth 12(1):31–8, Feb 77 (Eng. Abstr.) **(Ger)**
ACIDOSIS, etiology/ ACUTE DISEASE/ CASE REPORT/ DIABETES MELLITUS, complications/ DOPAMINE, therapeutic use/ DRAINAGE/ ENGLISH ABSTRACT/ GAMMA GLOBULINS, therapeutic use/ GASTRITIS, etiology/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PANCREATITIS, surgery/ *PANCREATITIS, therapy/ PARENTERAL FEEDING/ PERITONITIS, etiology/ POTASSIUM, urine/ RESPIRATION, ARTIFICIAL/ SHOCK, etiology/ SODIUM, urine

3875. **Hirasawa Y, Saito M, Tokuhiro H, et al:** [Changes in the blood coagulation system during therapeutic defibrination by defibrase (author's transl)] Jpn J Clin Pathol 24(10):827–32, 1976 **(Jpn)**
ADULT/ AGED/ *ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ARTERIOSCLEROSIS, drug therapy/ *BLOOD COAGULATION, drug effects/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *VENOMS, therapeutic use

3876. **Hirizescu D, Hirizescu E:** Tratamentul local al sinuzitelor supurate maxilare (puncte de vedere şi rezultatele lor) Rev Chir [Otorinolaringol] 21(4):275–81, Oct–Dec 76 (Eng. Abstr.) **(Rum)**
ACUTE DISEASE/ ANTIBIOTICS, therapeutic use/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ HYDROCORTISONE, therapeutic use/ *MAXILLARY SINUS/ *SINUSITIS, drug therapy/ TRYPSIN, therapeutic use

3877. **Hirohara H, Philipp M, Bender ML:** Binding rates, O--S substitution effects, and the pH dependence of chymotrypsin reactions. Biochemistry 16(8):1573–80, 19 Apr 77
*CHYMOTRYPSIN, metabolism/ HYDROGEN BONDING/ HYDROGEN-ION CONCENTRATION/ KINETICS/ NITROPHENOLS/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3878. **Hirono I, Mori H, Yamada K, et al:** Carcinogenic activity of petasitenine, a new pyrrolizidine alkaloid isolated from Petasites japonicus Maxim. J Natl Cancer Inst 58(4):1155–7, Apr 77
ANIMAL/ *CARCINOGENS/ FEMALE/ HEMANGIOENDOTHELIOMA, chemically induced/ HEPATOMA, chemically induced/ HERBS/ *LIVER NEOPLASMS, chemically induced/ LIVER, drug effects/ MALE/ NEOPLASMS, EXPERIMENTAL, chemically induced/ *PYRROLIZIDINE ALKALOIDS, toxicity/ RATS

3879. **Hirs CH:** Structure and function in biology. Brookhaven Symp Biol (27):13–19, May 76
ACETYLCHOLINESTERASE, metabolism/ BINDING SITES/ *BIOCHEMISTRY, history/ CILIATA, cytology/ ENZYME ACTIVATION/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ MOLECULAR CONFORMATION/ PROTHROMBIN, metabolism/ *STRUCTURE-ACTIVITY RELATIONSHIP/ SULFANILAMIDES/ TRYPSINOGEN, metabolism

3880. **Hirsh J:** Treatment of venous thrombosis with heparin. pp. 175–88.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
HEMORRHAGE, chemically induced/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, metabolism/ *HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS/ METABOLIC CLEARANCE RATE/ MONOGRAPH/ *PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, drug therapy

3881. **Hirsh J, Gallus AS:** Diagnosis of venous thromboembolism: limitations and applications. pp. 183–213.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976. (118 ref.)
FIBRINOGEN, diagnostic use/ HIP JOINT, surgery/ HUMAN/ ILIAC VEIN, radiography/ IODINE RADIOISOTOPES, diagnostic use/ LEG, blood supply/ MONOGRAPH/ PHLEBOGRAPHY, adverse effects/ PLETHYSMOGRAPHY/ PLETHYSMOGRAPHY, IMPEDANCE/ PULMONARY ARTERY, radiography/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ RADIONUCLIDE IMAGING, methods/ RECURRENCE/ REVIEW/ RISK/ *THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, radiography/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ ULTRASONICS, diagnostic use/ ULTRASONICS, methods

3882. **Hirsh J:** Theoretical and practical aspects of thrombolytic therapy. Angiology 28(1):1–6, Jan 77 (34 ref.)
ANTIBODY FORMATION/ BLOOD COAGULATION TESTS/ CROSS REACTIONS/ DRUG ADMINISTRATION SCHEDULE/ FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, adverse effects/ FIBRINOLYTIC AGENTS, pharmacodynamics/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEMORRHAGE,

etiology/ HUMAN/ REVIEW/ STREPTOCOCCUS, immunology/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, immunology/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ THROMBOSIS, drug therapy

3883. **Hisanaga S, Fujita J, Yamana H, et al:** Serratio test: a new sensitive technique for the detection of anti-RH(D) antibody. Acta Obstet Gynaecol Jpn 22(3):187-92, Jul 75
AMNIOTIC FLUID, immunology/ *AUTOANTIBODIES, analysis/ METHODS/ PEPTIDE HYDROLASES/ *RH-HR BLOOD-GROUP SYSTEM/ SERRATIA, enzymology

3884. **Hisazumi H, Nakazima K, Misaki T:** [Fibrinolytic activity in the rat kidney (author's transl)] Jpn J Urol 68(2):152-5, Feb 77 (Eng. Abstr.) **(Jpn)**
ANIMAL/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ *KIDNEY GLOMERULUS, metabolism/ RATS

3885. **Hishikawa Y, Sugie I:** [Index of fibrinolysis with new fibrin plate (author's transl)] J Physiol Soc Jpn 39(1):1-11, 1977 (Eng. Abstr.) **(Jpn)**
ANIMAL/ ARTHRITIS, RHEUMATOID, blood/ COLLAGEN DISEASES, blood/ ENGLISH ABSTRACT/ EXERTION/ *FIBRIN/ FIBRINOGEN, isolation & purification/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, analysis/ *FIBRINOLYSIS/ HEAT/ HUMAN/ METHODS/ PLASMINOGEN ACTIVATORS, analysis/ PLASMINOGEN, analysis/ SERUM GLOBULINS/ SOLUBILITY/ STREPTOKINASE/ UROKINASE

3886. **Hiskey RG, Wittinghofer A, Goud AN, et al:** Studies on the synthesis of ovine insulin. pp. 487-96.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ INDICATORS AND REAGENTS/ *INSULIN, chemical synthesis/ METHODS/ MONOGRAPH/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE FRAGMENTS, chemical synthesis/ SHEEP/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3887. **Hitz H, Schäfer D, Wittmann-Liebold B:** Determination of the complete amino-acid sequence of protein S6 from the wild-type and a mutant of Escherichia coli.
Eur J Biochem 75(2):497-512, 16 May 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BACTERIAL PROTEINS/ BACTERIAL PROTEINS, isolation & purification/ *ESCHERICHIA COLI, analysis/ MUTATION/ PEPTIDE FRAGMENTS, analysis/ PROTEIN CONFORMATION/ *RIBOSOMAL PROTEINS/ RIBOSOMAL PROTEINS, isolation & purification/ RIBOSOMES, analysis/ SPECIES SPECIFICITY/ TRYPSIN

3888. **Hladovec J:** Vasotropic drugs--a survey based on a unifying concept of their mechanism of action. Arzneim Forsch 27(5):1073-6, 1977
ANIMAL/ ASPIRIN, pharmacodynamics/ BIOFLAVONOIDS, pharmacodynamics/ *BLOOD VESSELS, drug effects/ CALCIUM DOBESILATE, pharmacodynamics/ CLOFIBRATE, pharmacodynamics/ COUMARINS, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG COMBINATIONS/ FEMALE/ PYRITHIOXIN, pharmacodynamics/ RATS/ RUTIN, pharmacodynamics/ TRIBENOSIDE, pharmacodynamics/ *VASOMOTOR SYSTEM, drug effects

3889. **Hlavica P, Kehl M:** Studies on the mechanism of hepatic microsomal N-oxide formation. The role of cytochrome P-450 and mixed-function amine oxidase in the N-oxidation of NN-dimethylaniline. Biochem J 164(3):487-96, 15 Jun 77
ACETOPHENONES, pharmacodynamics/ *AMINE OXIDOREDUCTASES, metabolism/ *ANILINE COMPOUNDS, metabolism/ ANIMAL/ *CYTOCHROME P-450, metabolism/ FEMALE/ LIPASE, pharmacodynamics/ MALE/ MICROSOMES, LIVER, drug effects/ MICROSOMES, LIVER, enzymology/ *MICROSOMES, LIVER, metabolism/ NITROGEN OXIDES/ NADPH CYTOCHROME C REDUCTASE, metabolism/ OXIDATION-REDUCTION/ RABBITS/ TEMPERATURE/ VITAMIN K, pharmacodynamics

3890. **Hnatowich DJ:** A review of radiopharmaceutical development with short-lived generator-produced radionuclides other than 99mTc.
Int J Appl Radiat Isot 28(1-2):169-81, Jan-Feb 77 (121 ref.)
AEROSOLS/ BARIUM, diagnostic use/ BLEOMYCIN, diagnostic use/ BONE DISEASES, diagnosis/ BRAIN NEOPLASMS, diagnosis/ FIBRINOGEN, diagnostic use/ *GALLIUM RADIOISOTOPES, diagnostic use/ *INDIUM, diagnostic use/ IODINE RADIOISOTOPES, diagnostic use/ IRIDIUM, diagnostic use/ ISOTOPE LABELING, methods/ KIDNEY DISEASES, diagnosis/ KRYPTON, diagnostic use/ LEUKOCYTES/ LIVER DISEASES, diagnosis/ LUNG DISEASES, diagnosis/ MICROSPHERES/ MYOCARDIAL INFARCT, diagnosis/ RADIOISOTOPES, diagnostic use/ *RADIONUCLIDE IMAGING/ REVIEW/ RUBIDIUM, diagnostic use/ SERUM ALBUMIN, diagnostic use/ STRONTIUM RADIOISOTOPES, diagnostic use/ TRANSFERRIN, diagnostic use

3891. **Ho PP, Walters CP, Sullivan HR:** Biosynthesis of thromboxane B2: assay, isolation, and properties of the enzyme system in human platelets. Prostaglandins 12(6):951-70, Dec 76
ARACHIDONIC ACIDS, blood/ ASCORBIC ACID, pharmacodynamics/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD COAGULATION FACTORS, isolation & purification/ *BLOOD PLATELETS, metabolism/ CATECHOLAMINES, pharmacodynamics/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ GLUTATHIONE, pharmacodynamics/ HEMIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROQUINONES, pharmacodynamics/ HYDROXY ACIDS, analysis/ *HYDROXY ACIDS, biosynthesis/ HYDROXY ACIDS, isolation & purification/ INDOLEACETIC ACIDS, pharmacodynamics/ METHEMOGLOBIN, pharmacodynamics/ MICROSOMES, metabolism/ PORPHYRINS, metabolism/ PROSTAGLANDINS E, pharmacodynamics/ PYRANS, analysis/ *PYRANS, biosynthesis/ PYRANS, isolation & purification/ SPECTRUM ANALYSIS, MASS/ TRYPTOPHAN, pharmacodynamics/ 8,11,14-EICOSATRIENOIC ACID, metabolism

3892. **Ho PP, Herrmann RG, Towner RD, et al:** Reversal of platelet aggregation by aortic microsomes.
Biochem Biophys Res Commun 74(2):514-9, 24 Jan 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ *AORTA, physiology/ ARACHIDONIC ACIDS, pharmacodynamics/ CATTLE/ HUMAN/ *MICROSOMES, physiology/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ THROMBIN, pharmacodynamics

3893. **Ho PP, Walters CP, Sullivan HR:** A particulate arachidonate lipoxygenase in human blood platelets.
Biochem Biophys Res Commun 76(2):398-405, 23 May 76
ARACHIDONIC ACIDS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ EPINEPHRINE, pharmacodynamics/ HUMAN/ HYDROQUINONES, pharmacodynamics/ INDOMETHACIN, pharmacodynamics/ *LIPOXYGENASES, blood/ METHEMOGLOBIN, pharmacodynamics/ MICROSOMES, enzymology/ POTASSIUM CHLORIDE, pharmacodynamics/ TEMPERATURE/ TRYPTOPHAN, pharmacodynamics/ 8,11,14-EICOSATRIENOIC ACID, biosynthesis

3894. **Hoak JC, Wu KK, Fry GL:** Use of newer platelet function tests ot define abnormalities of hemostasis and thrombosis. Ser Haematol 8(3):81–8, 1975
ACUTE DISEASE/ ADULT/ AGED/ ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ *BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ CASE REPORT/ EDTA, pharmacodynamics/ *HEMOSTASIS/ HUMAN/ MACROGLOBULINEMIA, blood/ MALE/ MYOCARDIAL INFARCT, blood/ PLATELET AGGREGATION, drug effects/ *THROMBOSIS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3895. **Hoak JC, Wu KK, Fry GL:** Use of newer platelet function tests to define abnormalities of hemostasis and thrombosis. pp. 81–8.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.
ADULT/ AGED/ ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ CASE REPORT/ CELL SURVIVAL/ EDTA, pharmacodynamics/ FEMALE/ *HEMOSTASIS/ HUMAN/ MALE/ MONOGRAPH/ MYOCARDIAL INFARCT, etiology/ PLATELET AGGREGATION, drug effects/ *THROMBOSIS, diagnosis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3896. **Hochgesand K, Kastenbauer E, Hochstrasser K:** Experimentelle Untersuchungen zur Frage der enzymbedingten Gehörknöchelchendestruktion im Verlauf einer chronischen Mittelohrentzündung Laryngol Rhinol Otol (Stuttg) 55(3):206–9, Mar 76 (Eng. Abstr.) **(Ger)**
CHOLESTEATOMA, enzymology/ CHRONIC DISEASE/ EAR OSSICLES, drug effects/ ENGLISH ABSTRACT/ HUMAN/ *OTITIS MEDIA, enzymology/ OTITIS MEDIA, microbiology/ PEPTIDE HYDROLASES, adverse effects/ *PEPTIDE HYDROLASES, analysis

3897. **Hochstrasser K, Rasche B, Mietens C, et al:** Der humorale Inter-alpha-trypsininhibitor als Inhibitogen für sekretorische Proteaseinhibitoren. Serumkonzentrationen bei Erwachsenen und bei Kindern mit Atemwegserkrankungen Pneumonologie SUPPL:137–43, 1976 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BRONCHITIS, enzymology/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ INFANT, NEWBORN/ *KALLIKREIN, blood/ MIDDLE AGE/ *RESPIRATORY TRACT DISEASES, enzymology

3898. **Hochstrasser K, Wachter E, Bretzel G:** Identification of the acid-stable trypsin-plasma inhibitors of the human and bovine serum as Kunitz-type inhibitors. Preliminary sequencing data. Hoppe Seylers Z Physiol Chem 357(11):1659–61, Nov 76
AMINO ACID SEQUENCE/ CATTLE/ HUMAN/ *TRYPSIN INHIBITORS, blood

3899. **Hochstrasser K, Niebel J, Lempart K:** Uber Abbauprodukte des Inter-alpha-Trypsininhibitors im Serum. II. Säurelabile Derivate des Inter-alpha-Trypsininhibitors Klin Wochenschr 55(7):343–5, 1 Apr 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL, methods/ INFLAMMATION, blood/ KIDNEY DISEASES, blood/ LIVER DISEASES, blood/ *TRYPSIN INHIBITORS, blood/ UREMIA, blood

3900. **Hochstrasser K, Niebel J, Feuth H, et al:** Uber Abbauprodukte des Inter-alpha-Trypsininhibitors im Serum. I. Der Inter-alpha-Trypsininhibitor als Prekursor des säurestabilen Serum-Trypsin-Plasmin-Inhibitors Klin Wochenschr 55(7):337–42, 1 Apr 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ *FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ INFLAMMATION, blood/ KIDNEY DISEASES, blood/ KIDNEY, metabolism/ LIVER DISEASES, blood/ *TRYPSIN INHIBITORS, blood/ UREMIA, blood

3901. **Höcker P, Pittermann E, Lutz D, et al:** Aids in the management of leukemia (cellremoval by continuous flow leukapheresis and impulsecytophotometry). Haematol Bluttransfus 19:285–95, 1976
ADRIAMYCIN, therapeutic use/ BLOOD CELL COUNT/ BLOOD CELLS, analysis/ BLOOD PLATELETS/ BONE MARROW CELLS, analysis/ CELL DIVISION/ CELL SEPARATION/ CYTARABINE, therapeutic use/ DNA, analysis/ ERYTHROCYTES/ HUMAN/ LEUKEMIA, drug therapy/ LEUKEMIA, LYMPHOCYTIC, blood/ *LEUKEMIA, LYMPHOCYTIC, therapy/ LEUKEMIA, MYELOCYTIC, blood/ *LEUKEMIA, MYELOCYTIC, therapy/ THIOGUANINE, therapeutic use

3902. **Höcker P, Pittermann E, Blumauer H:** Herstellung und Transfusion von Leukozyten- und Thrombozyten-konzentraten mit besonderer Berücksichtigung hämatologischer Probleme Infusionsther Klin Ernaehr 4(2):106–11, Apr 77 (Eng. Abstr.) **(Ger)**
BLOOD GROUPS/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION/ CELL SEPARATION, methods/ ENGLISH ABSTRACT/ HISTOCOMPATIBILITY/ HUMAN/ *LEUKOCYTES/ LEUKOPENIA, therapy/ PLASMAPHERESIS/ THROMBOPENIA, therapy

3903. **Hodara M:** Quels examens paracliniques faut-il demander devant une phlébite d'apparence primitive Phlebologie 29(2):177–81, Apr-Jun 76 (Eng. Abstr.) **(Fre)**
BACTERIOLOGICAL TECHNICS/ BLOOD CELL COUNT/ ENGLISH ABSTRACT/ HUMAN/ *PHLEBITIS, etiology/ PHLEBITIS, radiography/ THORACIC RADIOGRAPHY/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, radiography/ URIC ACID, blood/ URINE, microbiology

3904. **Hodara M, Venot A, Roucayrol JC:** L'apporte de l'angioscintigraphie sequentielle dans le diagnostic des thromboses veineuses ilio-caves Phlebologie 30(1):45–9, Jan-Mar 77 **(Fre)**
HUMAN/ *ILIAC VEIN/ LEG, blood supply/ *RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, diagnosis/ *VENA CAVA, INFERIOR

3905. **Hodara M:** Un piège à éviter en matière de thrombose veineuse profonde Phlebologie 30(1):35, Jan-Mar 77 **(Fre)**
DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *LEG, blood supply/ *REFLEX SYMPATHETIC DYSTROPHY, diagnosis/ *THROMBOPHLEBITIS, diagnosis

3906. **Hodes BL, Choromokos E:** Standardized a-scan echographic diagnosis of choroidal malignant melanomas. Arch Ophthalmol 95(4):593–7, Apr 77
ADOLESCENCE/ ADULT/ CASE REPORT/ CHILD/ *CHOROID NEOPLASMS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC ERRORS/ FEMALE/ HEMANGIOMA, diagnosis/ HUMAN/ *MELANOMA, diagnosis/ METHODS/ *ULTRASONICS, diagnostic use

3907. **Hodler J:** Die Behandlung der Glomerulonephritiden-eine Ursache therapeutischer Kontroverse Praxis 65(32):971–2, 10 Aug 76 **(Ger)**
ANTICOAGULANTS, therapeutic use/ *GLOMERULONEPHRITIS, therapy/ HEMODIALYSIS/ HUMAN/ KIDNEY, transplantation/ PENICILLINS, therapeutic use/ STREPTOCOCCAL INFECTIONS, complications/ STREPTOCOCCAL INFECTIONS, drug therapy/ TONSILLECTOMY

3908. **Hoeden R, Mesa AV, Delcourt A:** Functional exploration of chronic pancreatitis by duodenal intubation. Comparative study of the Lundh meal and duodenal hormones based on a survey of literature. Secretin-caerulein test carried out by the authors. Prospective conclusions. Acta Gastroenterol Belg 39(11-12):509–21, Nov-Dec 76
ADOLESCENCE/ ADULT/ AGED/ BICARBONATES, metabolism/ *CAERULEIN, diagnostic use/ CAERULEIN, physiology/ CHRONIC DISEASE/ COMPARATIVE STUDY/

*DIET/ *DUODENUM/ DUODENUM, physiopathology/ FEMALE/ *GASTROINTESTINAL HORMONES, diagnostic use/ GASTROINTESTINAL HORMONES, physiology/ HUMAN/ INTESTINAL SECRETIONS, metabolism/ *INTUBATION/ MALE/ MIDDLE AGE/ PANCREATITIS, diagnosis/ PANCREATITIS, metabolism/ *PANCREATITIS, physiopathology/ PROSPECTIVE STUDIES/ *SECRETIN, diagnostic use/ SECRETIN, physiology/ TRYPSIN, metabolism

3909. **Hoeldtke R, Kaufman S:** Bovine adrenal tyrosine hydroxylase: purification and properties. J Biol Chem 252(10):3160–9, 25 May 77
*ADRENAL MEDULLA, enzymology/ AMMONIUM SULFATE, pharmacodynamics/ ANIMAL/ APOENZYMES, isolation & purification/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, DISC/ ENZYME ACTIVATION/ GLYCOPROTEINS, analysis/ HEPARIN, pharmacodynamics/ IRON, analysis/ KINETICS/ MOLECULAR WEIGHT/ PHOSPHATES, metabolism/ PHOSPHATIDYLSERINES, pharmacodynamics/ PTERINS, metabolism/ TYROSINE HYDROXYLASE, analysis/ *TYROSINE HYDROXYLASE, isolation & purification/ TYROSINE HYDROXYLASE, metabolism

3910. **Hoffee P, Jargiello P, Zaner L, et al:** Pentose utilizing variants of Novikoff hepatoma cells: modification of growth and morphological properties. J Cell Physiol 91(1):39–50, Apr 77
ARABINOSE, metabolism/ *CELL DIVISION/ *CELL LINE/ CELLS, CULTURED, cytology/ CONTACT INHIBITION/ CULTURE MEDIA/ CYTOCHALASIN B, pharmacodynamics/ DEOXYRIBOSE, metabolism/ *PENTOSES, metabolism/ RIBOSE, metabolism/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VARIATION (GENETICS)/ XYLOSE, metabolism

3911. **Hoffman AS, Grande LA, Park JB:** Sequential enzymolysis of human aorta and resultant stress-strain behavior. Biomater Med Devices Artif Organs 5(2):121–45, 1977
*AORTA/ CHYMOTRYPSIN/ CLOSTRIDIOPEPTIDASE A/ COLLAGEN/ ELASTIN/ GLUCURONIDASE/ GLYCOPROTEINS/ HUMAN/ HYALURONIDASE/ IN VITRO/ MUCOPOLYSACCHARIDES/ MUSCLE, SMOOTH/ PANCREATOPEPTIDASE/ *STRESS, MECHANICAL

3912. **Hoffman PM, Hanes DM, Horsmanheimo M, et al:** Leukocyte migration in guinea pigs. II. Partial characterization of a leukocyte migration inhibitory factor distinct from macrophage migration inhibitory factor. Cell Immunol 30(1):92–9, Apr 77
ANIMAL/ CHYMOTRYPSIN, pharmacodynamics/ FEMALE/ FREUND'S ADJUVANT, pharmacodynamics/ GUINEA PIGS/ HEAT/ *LEUKOCYTES, immunology/ *MACROPHAGES, immunology/ MALE/ *MIGRATION INHIBITORY FACTOR, analysis/ NEURAMINIDASE, pharmacodynamics/ OVALBUMIN, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3913. **Hoffmann JJ, Van Den Broek WG, Jansen AP:** Automated determination of the antitrypsin activity of serum. Clin Chim Acta 71(2):251–9, 6 Sep 76
AUTOANALYSIS/ HUMAN/ TEMPERATURE/ TRYPSIN, metabolism/ VARIATION (GENETICS)

3914. **Höfliger C, Wirth W:** Kollateralwege bei einseitiger Beckenvenenthrombose Vasa 5(3):185–93, 1976 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ *COLLATERAL CIRCULATION/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL VEIN/ HUMAN/ ILIAC VEIN/ MALE/ MIDDLE AGE/ PELVIS/ PHLEBOGRAPHY/ *THROMBOPHLEBITIS, physiopathology/ THROMBOPHLEBITIS, surgery/ VENA CAVA, INFERIOR

3915. **Hofmann P, Rössler H, Brackmann HH:** Orthpädische Probleme bei der Hämophilie (Pathophysiologie und Ergebnisse operativer Massnahmen). Z Orthop 115(3):342–55, Jun 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE, surgery/ ENGLISH ABSTRACT/ HEMARTHROSIS, physiopathology/ *HEMOPHILIA, physiopathology/ HEMOPHILIA, rehabilitation/ HEMOPHILIA, surgery/ HUMAN/ *JOINT DISEASES, physiopathology/ MALE/ MIDDLE AGE

3916. **Hofmann T:** Penicillopepsin. Methods Enzymol 45:434–52, 1976
AMINO ACID SEQUENCE/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ CIRCULAR DICHROISM/ DRUG STABILITY/ ENZYME ACTIVATION/ KINETICS/ METHODS/ MICROCHEMISTRY/ *PENICILLIUM, enzymology/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEIN CONFORMATION/ TEMPERATURE/ TRYPSINOGEN, metabolism/ X-RAY DIFFRACTION

3917. **Hofmann W:** Chronische Furazolidonvergiftung des Kalbes Tieraerztl Prax 4(4):453–64, 1976 **(Ger)**
ANIMAL/ *CATTLE DISEASES, chemically induced/ CATTLE DISEASES, pathology/ CATTLE/ CHRONIC DISEASE/ *FURAZOLIDONE, poisoning/ HEMORRHAGIC DIATHESIS, chemically induced/ HEMORRHAGIC DIATHESIS, pathology/ *HEMORRHAGIC DIATHESIS, veterinary/ POISONING, complications/ POISONING, veterinary

3918. **Hofstetter A, Staehler G, Mellin HE, et al:** Blutstillung am Nierenparenchym mit dem Infrarot-Kontakt-Koagulator Munch Med Wochenschr 118(47):1537–40, 19 Nov 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ ENGLISH ABSTRACT/ HEMOSTASIS/ *HEMOSTATIC TECHNICS/ HEMOSTATIC TECHNICS, instrumentation/ HUMAN/ *INFRARED RAYS, therapeutic use/ KIDNEY, blood supply/ MALE/ *NEPHRECTOMY/ TIME FACTORS/ TUBERCULOSIS, RENAL, surgery/ WOUND HEALING

3919. **Högberg-Raibaud A, Goldberg ME:** Preparation and characterization of a modified form of beta2 subunit of Escherichia coli tryptophan synthetase suitable for investigating protein folding. Proc Natl Acad Sci USA 74(2):442–6, Feb 77
BINDING SITES/ *ESCHERICHIA COLI, enzymology/ INDOLES/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SERINE/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN/ *TRYPTOPHAN SYNTHETASE/ TRYPTOPHAN SYNTHETASE, isolation & purification/ TRYPTOPHAN SYNTHETASE, metabolism

3920. **Hohm RA:** Operations on the tonsils and adenoids [letter]. QRB 2(10):3, Oct 76
*ADENOIDECTOMY/ *ASPIRIN, administration & dosage/ *BLOOD COAGULATION, drug effects/ HUMAN/ *TONSILLECTOMY

3921. **Hoiby N:** The serology of Pseudomonas aeruginosa analysed by means of quantitative immunoelectrophoretic methods. V. Thermostability, resistance to degradation by plasmin activity and storage conditions of a polyvalent P. aeruginosa reference standard-antigen.
Acta Pathol Microbiol Scand [C] 84C(5):383–9, Oct 76
*ANTIGENS, BACTERIAL/ ANTIGENS, BACTERIAL, analysis/ FIBRINOLYSIN, pharmacodynamics/

IMMUNOELECTROPHORESIS/ *PSEUDOMONAS AERUGINOSA, immunology/ TEMPERATURE

3922. **Hojima Y, Isobe M, Moriya H:** Kallikrein inhibitors in rat plasma. J Biochem (Tokyo) 81(1):37–46, Jan 77
ANIMAL/ CATTLE/ DOGS/ ENZYME INHIBITORS, blood/ ENZYME INHIBITORS, isolation & purification/ GUINEA PIGS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *KALLIKREIN, antagonists & inhibitors/ KALLIKREIN-TRYPSIN INACTIVATOR, blood/ MOLECULAR WEIGHT/ PANCREAS, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ SWINE/ TEMPERATURE

3923. **Hojima Y, Yamashita M, Ochi N, et al:** Isolation and some properties of dog and rat pancreatic kallikreins. J Biochem (Tokyo) 81(3):599–610, Mar 77
AMINO ACIDS, analysis/ ANIMAL/ CATIONS, DIVALENT/ COMPARATIVE STUDY/ DOGS/ ELECTROPHORESIS, DISC/ ISOFLUROPHATE, pharmacodynamics/ *KALLIKREIN/ KALLIKREIN, metabolism/ KALLIKREIN, isolation & purification/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KINETICS/ MOLECULAR WEIGHT/ *PANCREAS, enzymology/ RATS/ SPECIES SPECIFICITY

3924. **Hojima Y, Maranda B, Moriwaki C, et al:** Direct evidence for the location of kallikrein in the striated ducts of the cat's submandibular gland by the use of specific antibody. J Physiol (Lond) 268(3):793–801, Jul 77
ANIMAL/ FLUORESCENT ANTIBODY TECHNIC/ *KALLIKREIN, analysis/ KALLIKREIN, immunology/ *SUBMANDIBULAR GLAND, analysis/ SUBMANDIBULAR GLAND, immunology

3925. **Holbein BE, Kidby DK:** Effects of proteolytic enzymes on invertase secretion in sphaeroplasts of Saccharomyces: inhibition by trypsin. Can J Microbiol 23(2):202–8, Feb 77
ALKALINE PHOSPHATASE, biosynthesis/ CELL MEMBRANE, drug effects/ CHYMOTRYPSIN, pharmacodynamics/ SACCHAROMYCES, drug effects/ *SACCHAROMYCES, enzymology/ SPHEROPLASTS, drug effects/ *SPHEROPLASTS, enzymology/ *SUCRASE, biosynthesis/ TRYPSIN INHIBITORS, pharmacodynamics/ *TRYPSIN, pharmacodynamics

3926. **Holcenberg JS:** Enzymes as drugs.
Annu Rev Pharmacol Toxicol 17:97–116, 1977 (107 ref.)
AMINO ACIDS, deficiency/ AMINO ACIDS, ESSENTIAL, deficiency/ ANIMAL/ CAPSULES/ CHEMISTRY, PHARMACEUTICAL/ ENZYMES, administration & dosage/ ENZYMES, deficiency/ ENZYMES, metabolism/ ENZYMES, pharmacodynamics/ *ENZYMES, therapeutic use/ ERYTHROCYTES, metabolism/ FIBRINOLYTIC AGENTS/ FOLIC ACID DEFICIENCY, chemically induced/ HUMAN/ KINETICS/ LIPOSOMES/ MICE/ MICROSPHERES/ NEOPLASMS, drug therapy/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3927. **Holcroft JW, Blaisdell FW, Trunkey DD, et al:** Intravascular coagulation and pulmonary edema in the septic baboon. J Surg Res 22(3):209–20, Mar 77
ANIMAL/ BABOONS/ BLOOD COAGULATION/ BRAIN, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FIBRIN, analysis/ HEMATOCRIT/ KIDNEY, pathology/ LIVER, pathology/ MONKEYS/ MYOCARDIUM, pathology/ PULMONARY EDEMA, blood/ *PULMONARY EDEMA, etiology/ PULMONARY EDEMA, pathology/ SHOCK, HEMORRHAGIC, blood/ SHOCK, HEMORRHAGIC, complications/ SHOCK, SEPTIC, blood/ *SHOCK, SEPTIC, complications/ SHOCK, SEPTIC, pathology/ SPLEEN, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3928. **Holford CP:** Graded compression for preventing deep venous thrombosis. Br Med J 2(6042):969–70, 23 Oct 76
ADULT/ AGED/ *BANDAGES/ CLINICAL RESEARCH/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ THROMBOPHLEBITIS, etiology

3929. **Holford NH, Vozeh S, Coates P, et al:** More on heparin lock [letter]. N Engl J Med 296(22):1300–1, 2 Jun 77
ADULT/ *HEPARIN, administration & dosage/ HUMAN/ INDWELLING CATHETER/ METHODS/ *PAIN, prevention & control/ *PUNCTURES/ *VEINS

3930. **Holgersen LO, Bishop HC:** Nonoperative treatment of duodenal hematomata in childhood. J Pediatr Surg 12(1):11–7, Feb 77
CHILD/ *DUODENAL DISEASES, therapy/ DUODENAL OBSTRUCTION, etiology/ DUODENAL OBSTRUCTION, radiography/ DUODENAL OBSTRUCTION, therapy/ FEMALE/ HEMATOMA, complications/ HEMATOMA, radiography/ *HEMATOMA, therapy/ HUMAN/ MALE/ PARENTERAL FEEDING/ SUCTION

3931. **Hollán SR, Mód A:** Disseminated intravascular coagulation. Haematologia (Budap) 10(3–4):319–30, 1976
ADOLESCENCE/ ADULT/ BLOOD PLATELETS, metabolism/ BLOOD TRANSFUSION/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRIN, metabolism/ HEMATURIA, etiology/ HEMOLYTIC-UREMIC SYNDROME, etiology/ HEMORRHAGIC DIATHESIS, etiology/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MELENA, etiology/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS/ PREDNISOLONE, therapeutic use/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY/ THROMBOPENIA, etiology

3932. **Hollander D, Rim E, Muralidhara KS:** Vitamin K1 intestinal absorption in vivo: influence of luminal contents on transport. Am J Physiol 232(1):E69–74, Jan 77
ANIMAL/ BILE ACIDS AND SALTS, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FATTY ACIDS, metabolism/ HYDROGEN-ION CONCENTRATION/ *INTESTINE, SMALL, metabolism/ MALE/ PERFUSION/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K, analogs & derivatives/ *VITAMIN K, metabolism/ VITAMIN K, pharmacodynamics

3933. **Hollander D, Rim E, Ruble PE Jr:** Vitamin K2 colonic and ileal in vivo absorption: bile, fatty acids, and pH effects on transport. Am J Physiol 233(2):E124–9, Aug 77
ABSORPTION/ ANIMAL/ *BILE ACIDS AND SALTS, pharmacodynamics/ BUTYRIC ACIDS, pharmacodynamics/ *COLON, metabolism/ *FATTY ACIDS, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ *ILEUM, metabolism/ LINOLEIC ACIDS, pharmacodynamics/ MALE/ OCTANOIC ACIDS, pharmacodynamics/ OLEIC ACIDS, pharmacodynamics/ RATS/ STEARIC ACIDS, pharmacodynamics/ TAUROCHOLIC ACID, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, metabolism

3934. **Holländer R:** Correlation of the function of demethylmenaquinone in bacterial electron transport with its redox potential. FEBS Lett 72(1):98–100, 15 Dec 76
ELECTRON TRANSPORT/ *HAEMOPHILUS, metabolism/ NAD, metabolism/ OXIDATION-REDUCTION/ OXYGEN CONSUMPTION/ *QUINONES, metabolism/ UBIQUINONE, metabolism/ *VITAMIN K, analogs & derivatives/ VITAMIN K, metabolism

3935. **Hollander W:** Role of hypertension in atherosclerosis and cardiovascular disease. Am J Cardiol 38(6):786–800, 23 Nov 76 (141 ref.)
ANGIOTENSIN, pharmacodynamics/ ANIMAL/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ *ARTERIOSCLEROSIS, etiology/ ATHEROSCLEROSIS, complications/

*ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, pathology/ BLOOD PLATELETS, physiology/ CAPILLARY PERMEABILITY/ *CARDIOVASCULAR DISEASES, etiology/ CEREBROVASCULAR DISORDERS, etiology/ CORONARY DISEASE, etiology/ DEATH, SUDDEN, etiology/ ENDOTHELIUM, pathology/ HEART ENLARGEMENT, etiology/ HISTAMINE, pharmacodynamics/ HUMAN/ HYPERTENSION, classification/ *HYPERTENSION, complications/ HYPERTENSION, etiology/ LIPIDS, blood/ LYSOSOMES, enzymology/ MUSCLE, SMOOTH, pathology/ RENIN, pharmacodynamics/ REVIEW/ SEROTONIN, pharmacodynamics/ THROMBOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3936. **Hollender LF:** Wandel in der Behandlung der akuten Pankreasnekrose Fortschr Med 95(15):1029–33, 21 Apr 77 **(Ger)**
ACUTE DISEASE/ DRAINAGE/ FOLLOW-UP STUDIES/ HEMATOMA, surgery/ HUMAN/ NECROSIS/ PANCREATECTOMY, methods/ PANCREATIC DISEASES, mortality/ PANCREATIC DISEASES, surgery/ *PANCREATIC DISEASES, therapy/ PANCREATITIS, drug therapy

3937. **Hollingsworth JW, Saykaly RJ:** Systemic complications of rheumatoid arthritis. Med Clin North Am 61(2):217–28, Mar 77 (52 ref.)
AMYLOIDOSIS, complications/ ARTHRITIS, RHEUMATOID, blood/ *ARTHRITIS, RHEUMATOID, complications/ ARTHRITIS, RHEUMATOID, diagnosis/ BLOOD VISCOSITY/ CRYOGLOBULINS/ FELTY'S SYNDROME, complications/ HEART DISEASES, complications/ HUMAN/ INFECTION, complications/ LUNG DISEASES, complications/ OSTEOPOROSIS, complications/ PERICARDITIS, complications/ PLEURISY, complications/ REVIEW/ RHEUMATOID FACTOR, analysis/ RHEUMATOID NODULE, complications/ VASCULAR DISEASES, complications

3938. **Holmberg L:** von Willebrands sjukdom Lakartidningen 74(18):1834–7, 4 May 77 (Eng. Abstr.) **(Swe)**
ENGLISH ABSTRACT/ FACTOR VIII, analysis/ FEMALE/ HUMAN/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, diagnosis/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ PREGNANCY/ VON WILLEBRAND FACTOR, analysis/ *VON WILLEBRAND'S DISEASE/ VON WILLEBRAND'S DISEASE, diagnosis/ VON WILLEBRAND'S DISEASE, therapy

3939. **Holmberg L, Wadman B:** Trombocytopeni vid graviditet Lakartidningen 74(18):1832–3, 4 May 77 **(Swe)**
BLOOD TRANSFUSION/ CESAREAN SECTION/ FEMALE/ HUMAN/ INFANT, NEWBORN/ MATERNAL-FETAL EXCHANGE/ PREDNISOLONE, therapeutic use/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ PREGNANCY/ SPLENECTOMY/ *THROMBOPENIA/ THROMBOPENIA, drug therapy/ THROMBOPENIA, therapy

3940. **Holme S, Sixma JJ, Wester J, et al:** ADP-induced refractory state of platelets in vitro. II. Functional and ultra studies on gel filtered platelets. Scand J Haematol 18(4):267–78, Apr 77
ADENINE, metabolism/ ADENOSINE DEAMINASE/ *ADENOSINE DIPHOSPHATE, pharmacodynamics/ ALBUMINS/ APYRASE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ CALCIUM CHLORIDE, pharmacodynamics/ CHROMATOGRAPHY, GEL/ GLUCOSE/ PLATELET AGGREGATION, drug effects/ SODIUM CHLORIDE, pharmacodynamics/ TEMPERATURE

3941. **Holmes GR, Goll DE, Suzuki A, et al:** Effect of trypsin on rabbit skeletal muscle alpha-actinin. Biochim Biophys Acta 446(2):445–56, 28 Oct 76
*ACTININ/ ACTININ, metabolism/ ACTOMYOSIN/ ANIMAL/ ENZYME ACTIVATION/ MACROMOLECULAR SYSTEMS/ MAGNESIUM, pharmacodynamics/ MOLECULAR WEIGHT/ *MUSCLE PROTEINS/ MUSCLE PROTEINS, metabolism/ MUSCLES, enzymology/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ RABBITS/ *TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VISCOSITY

3942. **Holmes IB, Smith GM, Freuler F:** The effect of intravenous adenosine diphosphate on the number of circulating platelets in experimental animals: inhibition by prostaglandin E1, dipyridamole, SH-869 and VK-774. Thromb Haemostas 37(1):36–46, 28 Feb 77
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ *DIPYRIDAMOLE, analogs & derivatives/ *DIPYRIDAMOLE, pharmacodynamics/ DRUG ANTAGONISM/ FEMALE/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ MALE/ MONKEYS/ PHENOXYBENZAMINE, pharmacodynamics/ *PROSTAGLANDINS E, pharmacodynamics/ RABBITS/ RATS/ SQUIRREL MONKEYS/ SWINE/ TIME FACTORS

3943. **Holmin T, Kullendorff CM:** Primära maligna levertumörer hos barn i Sverige under åren 1965–74 Lakartidningen 74(10):909–11, 9 Mar 77 (Eng. Abstr.) **(Swe)**
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HEMANGIOENDOTHELIOMA, mortality/ *HEMANGIOENDOTHELIOMA, occurrence/ HEMANGIOENDOTHELIOMA, therapy/ HEPATOMA, mortality/ *HEPATOMA, occurrence/ HEPATOMA, therapy/ HUMAN/ INFANT/ LIVER NEOPLASMS, mortality/ *LIVER NEOPLASMS, occurrence/ LIVER NEOPLASMS, therapy/ MALE/ PROGNOSIS/ SWEDEN

3944. **Holmquist B, Blumberg S, Vallee BL:** Superactivation of neutral proteases: acylation with N-hydroxysuccinimide esters. Biochemistry 15(21):4675–80, 19 Oct 76
AEROMONAS, enzymology/ BACILLUS MEGATERIUM, enzymology/ BACILLUS SUBTILIS, enzymology/ BACILLUS, enzymology/ BINDING SITES/ ENZYME ACTIVATION, drug effects/ KINETICS/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN BINDING/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SUCCINIMIDES, pharmacodynamics/ THERMOLYSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3945. **Holmsen H:** Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. Ser Haematol 8(3):50–80, 1975 (148 ref.)
ADENOSINE DIPHOSPHATE, secretion/ ADENOSINE TRIPHOSPHATE, blood/ ADENYL CYCLASE, blood/ ANIMAL/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTICOAGULANTS, classification/ *ANTICOAGULANTS, pharmacodynamics/ ANTIDEPRESSIVE AGENTS, TRICYCLIC, pharmacodynamics/ COLLAGEN, pharmacodynamics/ DEXTRAN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FUROSEMIDE, pharmacodynamics/ HEMOSTASIS, drug effects/ HUMAN/ NICOTINE, pharmacodynamics/ NITROFURANTOIN, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ POLYPHLORETIN PHOSPHATE, pharmacodynamics/ REVIEW/ SEROTONIN, pharmacodynamics/ SULFINPYRAZONE, pharmacodynamics/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./

VASOPRESSIN, pharmacodynamics/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, blood

3946. **Holmsen H:** Classification and possible mechanisms of action of some drugs that inhibit platelet aggregation. pp. 50–80.

In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (148 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, analogs & derivatives/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, biosynthesis/ ADENYL CYCLASE, metabolism/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ BLOOD PLATELETS, metabolism/ COLLAGEN, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENZYME ACTIVATION/ EPINEPHRINE, pharmacodynamics/ FEEDBACK/ HUMAN/ MOLECULAR WEIGHT/ MONOGRAPH/ PEPTIDE HYDROLASES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ PYRIMIDINES, pharmacodynamics/ REVIEW/ SEROTONIN, pharmacodynamics/ SULFINPYRAZONE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, metabolism

3947. **Holmsen H, Robkin L:** Hydrogen peroxide lowers ATP levels in platelets without altering adenyalte energy charge and platelet function. J Biol Chem 252(5):1752–7, 10 Mar 77
*ADENOSINE DIPHOSPHATE, blood/ *ADENOSINE MONOPHOSPHATE, blood/ *ADENOSINE TRIPHOSPHATE, blood/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ CYANIDES, pharmacodynamics/ CYTOPLASMIC GRANULES, drug effects/ CYTOPLASMIC GRANULES, physiology/ ENERGY TRANSFER/ EPINEPHRINE, pharmacodynamics/ GLYCOGEN, blood/ HUMAN/ *HYDROGEN PEROXIDE, pharmacodynamics/ INOSINE NUCLEOTIDES, blood/ KINETICS/ LACTATES, blood/ PHOSPHATES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3948. **Holmsen H, Setkowsky Dangelmaier CA:** Adenine nucleotide metabolism of blood platelets. X. Formaldehyde stops centrifugation-induced secretion after A23187-stimulation and causes breakdown of metabolic ATP.
Biochim Biophys Acta 497(1):46–61, 29 Mar 77
*A-23187, pharmacodynamics/ ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE MONOPHOSPHATE, metabolism/ *ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL/ *ANTIBIOTICS, pharmacodynamics/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ *FORMALDEHYDE, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ SEROTONIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3949. **Holmsen H, Ostvold AC, Pimentel MA:** Enzymatic properties of 5'-AMP deaminase in platelet lysates.
Thromb Haemostas 37(3):380–95, 30 Jun 77
ADENOSINE TRIPHOSPHATE/ *AMP DEAMINASE, blood/ *BLOOD PLATELETS, enzymology/ BLOOD PRESERVATION/ BUFFERS/ CELL-FREE SYSTEM/ EDTA/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *NUCLEOTIDE DEAMINASES, blood

3950. **Holsteen V, Skinhoj P, Cohn J:** Hepatitis, type B in haemophiliacs. Relation to the source of clotting factor concentrates. Scand J Haematol 18(3):214–8, Mar 77
ADOLESCENCE/ AGE FACTORS/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD TRANSFUSION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ DENMARK/ *FACTOR VIII/ *HEMOPHILIA, therapy/ HEPATITIS B ANTIGENS, isolation & purification/ *HEPATITIS B, transmission/ HEPATITIS B, occurrence/ HUMAN/ MALE/ RISK

3951. **Holtz U, Fiedrich M, Sörensen R:** Multizentrisches, kavernöses Riesenhämangiom der Leber mit Phlebolithen
Radiologe 17(2):77–82, Feb 77 (Eng. Abstr.) **(Ger)**
ADULT/ CALCULI, complications/ *CALCULI, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HEMANGIOMA, CAVERNOUS, blood supply/ HEMANGIOMA, CAVERNOUS, complications/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HEPATIC ARTERY, radiography/ HEPATIC VEINS/ HUMAN/ LIVER NEOPLASMS, blood supply/ LIVER NEOPLASMS, complications/ *LIVER NEOPLASMS, diagnosis/ MALE/ ULTRASONICS, diagnostic use/ VASCULAR DISEASES, complications/ *VASCULAR DISEASES, diagnosis

3952. **Holyst J:** Skurcz tętnic mózgowych w krwawieniu podpajęczynówkowym z pękniętego tętniaka wewnątrzczaszkowego. Pol Tyg Lek 32(27):1063–6, 4 Jul 77 (35 ref.) **(Pol)**
ANIMAL/ CATS/ *CEREBRAL ANEURYSM, complications/ *CEREBRAL ARTERIES/ CEREBRAL ARTERIES, drug effects/ *CEREBRAL ISCHEMIA, TRANSIENT, physiopathology/ CEREBROVASCULAR CIRCULATION/ DOGS/ HUMAN/ INTRACRANIAL PRESSURE/ PULMONARY EMBOLISM, physiopathology/ REVIEW/ RUPTURE, SPONTANEOUS/ SEROTONIN, pharmacodynamics/ SUBARACHNOID HEMORRHAGE, etiology/ *SUBARACHNOID HEMORRHAGE, physiopathology/ TEMPERATURE

3953. **Holz U, Kraner F, Weller S:** Periatikuläre Verknöcherungen nach Hüfttotalendoprothesen. Klinische und röntgenologische Untersunchung an 697 Häuftgelenken
Z Orthop 115(2):146–58, Apr 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HEMATOMA, complications/ *HIP JOINT/ HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS/ JOINT PROSTHESIS, methods/ *OSSIFICATION, PATHOLOGIC, etiology/ OSTEOARTHRITIS, surgery

3954. **Holzer H, Saheki T:** [Mechanism and regulation of proteolytic processes in yeast (author's transl)]
J Jpn Biochem Soc 48(10):962–70, 25 Oct 76 (57 ref.) **(Jpn)**
CARBOXYPEPTIDASES, metabolism/ CHITIN, biosynthesis/ ENZYME ACTIVATION/ *FUNGAL PROTEINS, metabolism/ GLUCOSE, pharmacodynamics/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEIN KINASE, metabolism/ REVIEW/ *SACCHAROMYCES CEREVISIAE, enzymology

3955. **Holzgreve W, Carey JC, Hall BD:** Warfarin-induced fetal abnormalities [letter]. Lancet 2(7991):914–5, 23 Oct 76
*ABNORMALITIES, DRUG-INDUCED/ ABNORMALITIES, MULTIPLE, chemically induced/ CASE REPORT/ HUMAN/ INFANT/ MALE/ TIME FACTORS/ *WARFARIN, adverse effects

3956. **Holzman RS, Schreiber E, Lawrence HS:** Production of sheep erythrocyte rosette forming cells by lymphocytes cultured with leucocyte dialysates. pp. 205–12.
In: Ascher MS, et al., ed. Transfer factor: basic properties and clinical applications. New York, Academic Press, 1976. W3 IN9324N 1975t.
ANIMAL/ *ERYTHROCYTES, immunology/ HUMAN/ *IMMUNE ADHERENCE REACTION/ *LEUKOCYTES, immunology/ *LYMPHOCYTES, immunology/ MONOGRAPH/ SHEEP, immunology/ *TRANSFER FACTOR, pharmacodynamics/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3957. **Holzner JH:** Reaktionsformen der glaten Muskelzelle der menschlichen Arterienwand--ihre Bedeutung für die Atherosklerose Wien Med Wochenschr (32 Suppl):1–19, 1976 (223 ref.) **(Ger)**

ADULT/ AGED/ ANIMAL/ ARTERIES, cytology/ *ARTERIES, pathology/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ BASEMENT MEMBRANE/ BLOOD VESSEL PROSTHESIS/ CATTLE/ FATTY STREAK, ARTERIAL, diagnosis/ FEMALE/ FEMORAL ARTERY, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *MUSCLE, SMOOTH, pathology/ MYOFIBRILS/ PINOCYTOSIS/ POPLITEAL ARTERY, pathology/ RABBITS/ REVIEW/ SPLENIC ARTERY, pathology/ TEMPORAL ARTERIES, pathology

3958. **Honda E, Homma JY, Abe C, et al:** Effects of the common protective antigen (OEP) and toxoids of protease and elastase from Pseudomonas aeruginosa on protection against hemorrhagic pneumonia in mink. Zentralbl Bakteriol [Orig A] 237(2–3):297–309, 1977
AGE FACTORS/ ANIMAL/ *ANTIGENS, BACTERIAL, administration & dosage/ FEMALE/ MALE/ *MINK/ PANCREATOPEPTIDASE/ PEPTIDE HYDROLASES/ PSEUDOMONAS AERUGINOSA, enzymology/ PSEUDOMONAS AERUGINOSA, immunology/ PSEUDOMONAS INFECTIONS, prevention & control/ *PSEUDOMONAS INFECTIONS, veterinary/ SEX FACTORS/ *TOXOIDS, therapeutic use/ VACCINATION

3959. **Honecker H, Christ W, Müller-Oerlinghausen B, et al:** Critical evaluation of measurement of platelet monoamine oxidase in man. J Clin Chem Clin Biochem 14(9):453–8, Sep 76
ADULT/ AMITRIPTYLINE, pharmacodynamics/ *BLOOD PLATELETS, enzymology/ HUMAN/ KINETICS/ MIDDLE AGE/ MONOAMINE OXIDASE INHIBITORS/ PHENETHYLAMINES/ TRANYLCYPROMINE, pharmacodynamics/ TRYPTAMINES/ TYRAMINE

3960. **Höner M:** Komplikationen am Schwangerschaftsende und unter der Geburt durch ein Nabelschnurhämatom Zentralbl Gynaekol 98(14):848–54, 1976 (Eng. Abstr.) **(Ger)**
ADULT/ ASPHYXIA NEONATORUM, etiology/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ FETAL DEATH/ FETAL DISEASES, etiology/ *HEMATOMA, complications/ HUMAN/ INFANT, NEWBORN/ *LABOR COMPLICATIONS/ *PREGNANCY COMPLICATIONS/ PREGNANCY TRIMESTER, THIRD/ PREGNANCY/ TIME FACTORS/ *UMBILICAL CORD

3961. **Hong SL, Levine L:** Stimulation of prostaglandin synthesis by bradykinin and thrombin and their mechanisms of action on MC5–5 fibroblasts. J Biol Chem 251(18):5814–6, 25 Sep 76
ARACHIDONIC ACIDS, biosynthesis/ *BRADYKININ, pharmacodynamics/ CELL LINE/ FIBROBLASTS, drug effects/ FIBROBLASTS, metabolism/ HYDROCORTISONE, pharmacodynamics/ INDOMETHACIN, pharmacodynamics/ *PROSTAGLANDINS E, biosynthesis/ *PROSTAGLANDINS F, biosynthesis/ *THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3962. **Hong SL, Wheless CM, Levine L:** Elevated prostaglandins synthetase activity in methylcholanthrene-transformed mouse BALB/3T3. Prostaglandins 13(2):271–9, Feb 77
ANIMAL/ ARACHIDONIC ACIDS, metabolism/ BLOOD/ BRADYKININ, pharmacodynamics/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ CULTURE MEDIA/ FIBROBLASTS, metabolism/ HUMAN/ *HYDROXYLASES, metabolism/ LIPIDS, metabolism/ *METHYLCHOLANTHRENE, pharmacodynamics/ MICE/ MICE, INBRED STRAINS/ MICROSOMES, metabolism/ *PROSTAGLANDIN SYNTHASE, metabolism/ PROSTAGLANDINS E, biosynthesis/ *PROSTAGLANDINS, biosynthesis/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3963. **Honour AJ, Hockaday TD, Mann JI:** The synergistic effect of aspirin and dipyridamole upon platelet thrombi in living blood vessels. Br J Exp Pathol 58(3):268–72, Jun 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ALLOXAN/ ANIMAL/ *ASPIRIN, pharmacodynamics/ *DIPYRIDAMOLE, pharmacodynamics/ DRUG SYNERGISM/ MALE/ *PLATELET AGGREGATION, drug effects/ RABBITS/ THROMBOSIS, chemically induced

3964. **Hoogmartens M, Van Loon L, Demedts D, et al:** Comparative study of the results obtained with discectomy and chemonucleolysis. Acta Orthop Belg 42(2):134–8, Mar–Apr 76
ADULT/ *CHYMOPAPAIN, therapeutic use/ COMPARATIVE STUDY/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ *INTERVERTEBRAL DISK DISPLACEMENT, surgery/ LAMINECTOMY/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ POSTOPERATIVE COMPLICATIONS

3965. **Höök M, Pettersson I, Ogren S:** A heparin-degrading endoglycosidase from rat spleen. Thromb Res 10(6):857–61, Jun 77
ANIMAL/ GLYCOSIDE HYDROLASES/ *HEPARIN, metabolism/ HEPARITIN SULFATE, metabolism/ LYSOSOMES, enzymology/ OLIGOSACCHARIDES, biosynthesis/ RATS/ SPLEEN, enzymology

3966. **Hopgood MF, Clark MG, Ballard FJ:** Inhibition of protein degradation in isolated rat hepatocytes. Biochem J 164(2):399–407, 15 May 77
AMINO ACIDS, pharmacodynamics/ AMMONIA, pharmacodynamics/ ANIMAL/ CELL SEPARATION/ CHELATING AGENTS, pharmacodynamics/ IN VITRO/ INSULIN, pharmacodynamics/ LIVER, cytology/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PROTEINS, metabolism/ RATS

3967. **Hopwood J, Höök M, Linker A, et al:** Anticoagulant activity of heparin: isolation of antithrombin-binding sites. FEBS Lett 69(1):51–4, 15 Oct 76
ANIMAL/ *ANTITHROMBINS/ ANTITHROMBINS, metabolism/ BINDING SITES/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ *HEPARIN/ HEPARIN, isolation & purification/ HEPARIN, metabolism/ KINETICS/ MICE/ MOLECULAR WEIGHT/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ URONIC ACIDS, analysis

3968. **Hörder MH, Pauli JK, Renovanz HD, et al:** Hämosasestörungen bei Sekretolytika? Ein Beitrag zur Arzneimittelsicherheit Int J Clin Pharmacol Biopharm 14(3):199–213, Oct 76 (Eng. Abstr.)
AMBROXOL, adverse effects/ BLOOD COAGULATION, drug effects/ *BROMHEXINE, adverse effects/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ *HEMORRHAGIC DIATHESIS, chemically induced/ HUMAN/ OXYTETRACYCLINE/ THROMBOPENIA, chemically induced

3969. **Hořejší J, Vorlová Z, Herzog P, et al:** Některé imunologické problémy u nemocných s hemofilií Vnitr Lek 22(12):1169–78, Dec 76 (Eng. Abstr.) **(Cze)**
ANTIBODIES, analysis/ CHRISTMAS DISEASE, immunology/ COMPLEMENT, analysis/ ENGLISH ABSTRACT/ HEMOGLOBIN A, analysis/ *HEMOPHILIA, immunology/ HUMAN/ IGG, analysis

3970. **Hori SH, Tanahashi K, Matsuoka N:** Morphological and cytochemical studies on the secretory granules of the pyloric caeca of the starfish, Asterias amurensis. Biol Bull 152(1):64–74, Feb 77
ANIMAL/ CECUM, enzymology/ CECUM, ultrastructure/ CELL FRACTIONATION/ ENZYME PRECURSORS, metabolism/ MICROSCOPY, ELECTRON/ ORGANOIDS, ultrastructure/ *PEPTIDE HYDROLASES, metabolism/ PYLORUS, enzymology/ PYLORUS, ultrastructure/ STARFISH, anatomy & histology/ STARFISH, enzymology/ *STARFISH, ultrastructure

3971. **Horie N, Okamoto U:** [The estimation method for plasminogen content using fibrin plate with urokinase (author's transl)] Jpn J Clin Pathol 24(10):842–6, 1976 **(Jpn)**
FIBRIN/ HUMAN/ METHODS/ *PLASMINOGEN, analysis/ UROKINASE

3972. **Horie R:** Studies on stroke in relation to cerebrovascular atherogenesis in stroke-prone spontaneously hypertensive rats (SHRSP). Arch Jpn Chir 46(3):191–213, 1 May 77
ANIMAL/ CEREBRAL ARTERIES, ultrastructure/ *CEREBRAL ARTERIOSCLEROSIS, complications/ CEREBRAL ARTERIOSCLEROSIS, pathology/ *CEREBROVASCULAR DISORDERS, etiology/ FATTY STREAK, ARTERIAL, pathology/ *HYPERTENSION, complications/ RATS/ RATS, INBRED STRAINS

3973. **HORMANN H, Kühn K:** Das Zusammenspiel von humoralen Faktoren, extrazellulärer Matrix und von Zellen bei der Wundheilung Fortschr Med 95(19):1299–304, 19 May 77 (Eng. Abstr.) **(Ger)**
BLOOD COAGULATION FACTORS, physiology/ *BLOOD PLATELETS, physiology/ CHEMOTAXIS/ COLLAGEN/ ENGLISH ABSTRACT/ FIBROBLASTS, immunology/ MACROPHAGES, immunology/ MITOGENS/ NEUTROPHILS, immunology/ PLATELET AGGREGATION/ *WOUND HEALING

3974. **Hornbostel H, Kaufmann W, Siegenthaler W:** Arzneimittelinteraktionen mit Cumarinen Dtsch Med Wochenschr 102(10):355–8, 11 Mar 77 **(Ger)**
COUMARINS, blood/ COUMARINS, metabolism/ *COUMARINS, pharmacodynamics/ DRUG INTERACTIONS/ HUMAN/ INTESTINAL ABSORPTION/ PROTEIN BINDING

3975. **Horne JG, Muller P:** Spontaneous spinal extradural hematoma. Can J Surg 20(4):379–81, Jul 77
ADULT/ AGED/ CASE REPORT/ FEMALE/ *HEMATOMA, complications/ HUMAN/ MYELOGRAPHY/ PARAPLEGIA, etiology/ PROGNOSIS/ *SPINAL CORD COMPRESSION, etiology/ SPINAL CORD COMPRESSION, radiography/ SPINAL CORD

3976. **Horner AA:** The concept of macromolecular heparin and its physiological significance. Fed Proc 36(1):35–9, Jan 77
ANIMAL/ ASCORBIC ACID/ BLOOD PLATELETS, metabolism/ CYNOMOLGUS MONKEYS/ *HEPARIN/ HEPARIN, blood/ HEPARIN, metabolism/ LIPOPROTEIN LIPASE, metabolism/ MAST CELLS, metabolism/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ MONKEYS/ PROTEOGLYCANS, metabolism/ RATS/ SKIN, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

3977. **Horner AA:** High and low molecular weight forms of heparin.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
ANIMAL/ CYNOMOLGUS MONKEYS/ ENZYME ACTIVATION/ *HEPARIN/ HEPARIN, isolation & purification/ HEPARIN, metabolism/ HUMAN/ INTESTINE, SMALL, metabolism/ LIPOPROTEIN LIPASE, metabolism/ LIVER, analysis/ LUNG, analysis/ MICE/ MOLECULAR WEIGHT/ MONKEYS/ MONOGRAPH/ RATS/ SKIN, analysis/ STRUCTURE-ACTIVITY RELATIONSHIP

3978. **Hornnes P, Rune SJ:** Døgnvariationer i protrombinkoncentrationen under antikoagulansbehandling med warfarin (Marevan) Ugeskr Laeger 138(38):2309–11, 13 Sep 76 (Eng. Abstr.) **(Dan)**
AGED/ *CIRCADIAN RHYTHM/ *DIURNAL RHYTHM/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PROTHROMBIN/ PROTHROMBIN, analysis/ *WARFARIN, therapeutic use

3979. **Horns DJ, Gerrard JM, Rao GH, et al:** Smoking and platelet labile aggregation stimulating substance (LASS) synthesizing activity. Thromb Res 9(6):661–8, Dec 76
*ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ *FACTOR V/ HUMAN/ *PLATELET AGGREGATION/ *SMOKING

3980. **Hornstra G:** Relation between type of dietary fat and arterial thrombosis in the rat and in man. pp. 119–27.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974.
ANIMAL/ DIET, ATHEROGENIC/ *DIETARY FATS, adverse effects/ DIETARY FATS, metabolism/ FATTY ACIDS, adverse effects/ HUMAN/ LINOLEIC ACIDS, adverse effects/ MONOGRAPH/ OILS, adverse effects/ OLEIC ACIDS, adverse effects/ *THROMBOSIS, etiology/ TIME FACTORS

3981. **Hornstra G, Vergroesen AJ:** The effects of linoleic acid and prostaglandin E1 on arterial thrombosis.
Acta Biol Med Ger 35(8–9):1065–8, 1976
ANIMAL/ *ARTERIES, drug effects/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *LINOLEIC ACIDS, administration & dosage/ LINOLEIC ACIDS, pharmacodynamics/ MALE/ PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS E, administration & dosage/ PROSTAGLANDINS E, pharmacodynamics/ RATS/ *THROMBOSIS, prevention & control

3982. **Horodeńscy J, Horodeńscy A:** Leczenie heparynq zespołów brzeżnych rogówki Klin Oczna 47(3):139–40, Mar 77 (Eng. Abstr.) **(Pol)**
*CORNEA, blood supply/ *CORNEAL DISEASES, drug therapy/ ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ HUMAN/ ISCHEMIA, drug therapy/ NECROSIS

3983. **Horowitz SD, Hong R:** The pathogenesis and treatment of immunodeficiency. Monogr Allergy 10:1–198, 1977 (845 ref.)
ADOLESCENCE/ ADULT/ AGED/ AGING/ ALDRICH SYNDROME, immunology/ ANTIBODY FORMATION/ ATAXIA TELANGIECTASIA, immunology/ AUTOIMMUNE DISEASES, immunology/ *B-LYMPHOCYTES, immunology/ BONE MARROW CELLS, immunology/ CELL DIFFERENTIATION/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ IMMUNE TOLERANCE/ *IMMUNOLOGIC DEFICIENCY SYNDROMES/ IMMUNOLOGIC DEFICIENCY SYNDROMES, diagnosis/ IMMUNOLOGIC DEFICIENCY SYNDROMES, etiology/ IMMUNOLOGIC DEFICIENCY SYNDROMES, therapy/ INFANT/ INFANT, NEWBORN/ LYMPHOCYTE TRANSFORMATION/ MALE/ MIDDLE AGE/ MODELS, BIOLOGICAL/ MONILIASIS, immunology/ REVIEW/ SPLEEN, immunology/ *T-LYMPHOCYTES, immunology/ THYMUS GLAND, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

3984. **Horst A:** Molekularne aspekty procesu zapalnego. Cz. III. Czynniki komórkowe. Mediatory drobnocząsteczkowe. Badania modelowe Przegl Lek 33(7):649–54, 1976 **(Pol)**
ARTHUS PHENOMENON, immunology/ HUMAN/ *INFLAMMATION/ INFLAMMATION, immunology/ INFLAMMATION, metabolism/ MAST CELLS, immunology/ MODELS, BIOLOGICAL/ SHWARTZMAN PHENOMENON, immunology

3985. **Horton EW:** Prostaglandins in disease. Practitioner 218(1306):546–9, Apr 77
ABORTION, INDUCED/ FEMALE/ HUMAN/ MALE/ PREGNANCY/ *PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, therapeutic use/ PROSTAGLANDINS, SYNTHETIC, therapeutic use/ STERILITY, MALE/ THROMBOSIS, drug therapy

3986. **Horton HR, Swaisgood HE:** Immobilization as a means of investigating the acquisition of tertiary structure in chymotrypsinogen. Methods Enzymol 44:516–26, 1976
*CHYMOTRYPSINOGEN/ ENZYME ACTIVATION/ *ENZYMES, IMMOBILIZED/ ENZYMES, IMMOBILIZED, metabolism/ HYDROGEN BONDING/ HYDROGEN-ION

CONCENTRATION/ KINETICS/ MACROMOLECULAR SYSTEMS/ METHODS/ OXIDATION-REDUCTION/ PROTEIN BINDING/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ RIBONUCLEASE, metabolism/ SPECTROMETRY, FLUORESCENCE/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

3987. **Horton RE:** Localized thrombus complicating saphenous vein grafts. Ann R Coll Surg Engl 59(4):335-6, Jul 77
CASE REPORT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, surgery/ *SAPHENOUS VEIN, transplantation/ *THROMBOSIS, etiology/ THROMBOSIS, surgery/ TRANSPLANTATION, AUTOLOGOUS

3988. **Horton WA:** Genetics of central nervous system tumors. Birth Defects 12(1):91-7, 1976
BRAIN NEOPLASMS, complications/ *BRAIN NEOPLASMS, familial & genetic/ FEMALE/ GLIOMA, familial & genetic/ HEMANGIOMA, familial & genetic/ HUMAN/ MALE/ MENINGIOMA, familial & genetic/ NEUROFIBROMA, familial & genetic/ SPINAL CORD NEOPLASMS, complications/ *SPINAL CORD NEOPLASMS, familial & genetic

3989. **Horwitz AL, Kelman JA, Crystal RG:** Activation of alveolar macrophage collagenase by a neutral protease secreted by the same cell. Nature 264(5588):772-4, 23-30 Dec 76
ANIMAL/ *CLOSTRIDIOPEPTIDASE A, metabolism/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, metabolism/ *MACROPHAGES, enzymology/ *PEPTIDE HYDROLASES, metabolism/ PULMONARY ALVEOLI, cytology/ RABBITS

3990. **Horwitz J, Shenker IR:** Spontaneous deep vein thrombosis in adolescence: clinical observations with 10 patients. Clin Pediatr (Phila) 16(9):787-90, Sep 77
ADOLESCENCE/ AXILLARY VEIN/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ OBESITY, complications/ POSTOPERATIVE COMPLICATIONS, etiology/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, etiology/ PREGNANCY/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, etiology/ SUBCLAVIAN VEIN/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, etiology/ THROMBOSIS, etiology

3991. **Hory HD, Weder JK, Belitz HD:** Vergleichende Untersuchungen der trypsinspezifischen reaktiven Zentren verschiedener Phaseolus coccineus- und Phaseioul vulgaris-Inhibitoren Z Lebensm Unters Forsch 162(4):341-7, 31 Dec 76 (Eng. Abstr.) **(Ger)**
COMPARATIVE STUDY/ ENGLISH ABSTRACT/ LYSINE, metabolism/ PLANTS/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, metabolism

3992. **Hory /D, Weder JK:** Trypsin- und Chymotrypsin-inhibitoren in Leguminosen VII. Partialsequenzen des Trypsin-Chymotrypsin-Inhibitors PCI 3 aus Phaseolus coccineus
Z Lebensm Unters Forsch 162(4):349-56, 31 Dec 76 (Eng. Abstr.) **(Ger)**
AMINO ACID SEQUENCE/ ENGLISH ABSTRACT/ *TRYPSIN INHIBITORS, analysis

3993. **Hoshina K, Hagihara K, Hirama M:** [Clinical conditions and nursing of a child with Wiskott-Aldrich syndrome]
Jpn J Nurs Art 16(15):62-8, DEC 76 **(Jpn)**
ALDRICH SYNDROME, diagnosis/ *ALDRICH SYNDROME, nursing/ CHILD/ HUMAN

3994. **Hoshino M:** Tryptic fragmentation of 30-S dynein from Tetrahymena cilia. Biochim Biophys Acta 492(1):70-82, 27 May 77
*ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ CENTRIFUGATION, DENSITY GRADIENT/ *DYNEIN, metabolism/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, isolation & purification/ TRYPSIN

3995. **Hoskins JC, Kearney JJ:** A case report of a negative 32P test in a histologically proven choroidal hemangioma.
Arch Ophthalmol 95(3):438-9, Mar 77
ADULT/ CASE REPORT/ *CHOROID NEOPLASMS, diagnosis/ CHOROID NEOPLASMS, pathology/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HUMAN/ MELANOMA, diagnosis/ *PHOSPHORUS RADIOISOTOPES, diagnostic use

3996. **Hossmann KA, Hossmann V:** Coagulopathy following experimental cerebral ischemia. Stroke 8(2):249-54, Mar-Apr 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BRAIN, blood supply/ BRAIN, pathology/ CATS/ CEREBRAL HEMORRHAGE, etiology/ CEREBROVASCULAR CIRCULATION/ COMPARATIVE STUDY/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ISCHEMIA, complications/ PERFUSION/ RESPIRATORY DISTRESS SYNDROME, ADULT, physiopathology/ SYMPATHOMIMETICS, pharmacodynamics

3997. **Hossmann V, Hossmann KA, Takagi S:** Disseminated intra-vascular coagulation and blood flow following prolonged ischemia of the cat brain.
Acta Neurol Scand [Suppl] 56(64):420-1, 1977
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BRAIN, blood supply/ CATS/ *CEREBROVASCULAR CIRCULATION/ *DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ INNOMINATE ARTERY, physiology/ *ISCHEMIA, physiopathology/ SUBCLAVIAN ARTERY, physiology

3998. **Hotta T, Yamada H:** [Regulation of hematopoiesis in erythroleukemia--A study on the depression of hematopoiesis following blood transfusion and spontaneous cyclic fluctuation of circulating granulocyte and platelet counts (author's transl)]
Acta Haematol Jpn 39(6):830-41, Dec 76 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ *BLOOD CELL COUNT/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ *ERYTHROLEUKEMIA, blood/ FEMALE/ *GRANULOCYTES/ *HEMATOPOIESIS/ HUMAN/ *LEUKOCYTES/ MALE/ MIDDLE AGE

3999. **Hotz J:** Therapie der akuten Pandreatitis Fortschr Med 94(22-23):1195-1200, 12 AUG 76 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ANTACIDS, therapeutic use/ ANTIBIOTICS, therapeutic use/ CALCITONIN, therapeutic use/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ GLUCAGON, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, drug therapy/ PARENTERAL FEEDING

4000. **Houbouyan L, Stoltz JF, Goguel A:** Influence of some antibiotics on human platelet aggregation and electrophoretic mobility. pp. 25-32.
In: Siest G, Young DS, ed. Drug interference and drug measurement in clinical chemistry. Basel, Karger, 1976. QV 38 I602 1975d.
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ANTIBIOTICS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ ELECTROPHORESIS/ HUMAN/ METHODS/ MONOGRAPH/ PENICILLIN G, pharmacodynamics/ *PLATELET AGGREGATION, drug effects

4001. **Houck JC, Kangalingam K, Kaufman SL, et al:** Evidence for a colon chalone. J Natl Cancer Inst 56(5):899-902, May 76
ANIMAL/ CATTLE/ CELL DIVISION, drug effects/ CELLS, CULTURED/ *CHALONES, isolation & purification/ CHALONES, pharmacodynamics/ CHYMOTRYPSIN, pharmacodynamics/ *COLONIC NEOPLASMS, analysis/ CULTURE MEDIA/ DOGS/ DNA, NEOPLASM, biosynthesis/ FIBROBLASTS, drug effects/ HUMAN/ LYMPHOCYTES, drug effects/ MOLECULAR WEIGHT/ RIBONUCLEASE, pharmacodynamics/ SWINE/ TRYPSIN,

pharmacodynamics

4002. **Houel F, Farhathaidar A, Rasolomala R, et al:** La prévention de la thrombose post-opératoire par le dextran à bas poids moléculaire. A propos dune série suivie par la méthode des isotopes radio-actifs Anesth Analg (Paris) 3(4):593-6, Jul-Aug 76 **(Fre)**
ADULT/ AGED/ *DEXTRAN, therapeutic use/ FEMALE/ HUMAN/ MIDDLE AGE/ MOLECULAR WEIGHT/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ RADIOISOTOPES/ *THROMBOSIS, prevention & control

4003. **Hough DW, McIlroy BM, Stevenson GT:** Proteolysis of lymphocytic surface immunoglobulin. Immunology 32(3):337-43, Mar 77
ANIMAL/ FLUORESCENT ANTIBODY TECHNIC/ GUINEA PIGS/ HUMAN/ IGM/ IMMUNOGLOBULINS, FAB/ *IMMUNOGLOBULINS, SURFACE, metabolism/ IN VITRO/ LEUKEMIA, LYMPHOCYTIC, immunology/ LYMPHOCYTES, cytology/ *LYMPHOCYTES, immunology/ PEPTIDE HYDROLASES/ RABBITS

4004. **Hougie C:** Von Willebrand disease San Diego [letter]. Lancet 1(8002):93-4, 8 Jan 77
BLOOD COAGULATION DISORDERS, blood/ *FACTOR XII, analysis/ HUMAN/ *VON WILLEBRAND'S DISEASE, blood

4005. **Houmard J:** Kinetic investigation of the staphylococcal protease-catalyzed hydrolysis of synthetic substrates. Eur J Biochem 68(2):621-7, 15 Sep 76
ALCOHOL, METHYL, pharmacodynamics/ BUFFERS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ OSMOLAR CONCENTRATION/ *PEPTIDE HYDROLASES, metabolism/ *STAPHYLOCOCCUS AUREUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

4006. **Houser RM, Carey DJ, Dus KM, et al:** Partial sequence of rat prothrombin and the activity of two related pentapeptides as substrates for the vitamin K-dependent carboxylase system. FEBS Lett 75(1):226-30, 15 Mar 77
ANIMAL/ *CARBOXY-LYASES, metabolism/ MALE/ *MICROSOMES, LIVER, enzymology/ *OLIGOPEPTIDES/ OLIGOPEPTIDES, chemical synthesis/ PEPTIDE FRAGMENTS, analysis/ *PROTHROMBIN/ PROTHROMBIN, metabolism/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K DEFICIENCY, enzymology/ *VITAMIN K, pharmacodynamics

4007. **Housset E:** Thromboses veineuses des membres de l'adulte Rev Prat 27(21):1281-2, 11 Apr 77 **(Fre)**
ADULT/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, therapy

4008. **Howard AN, Patelski J:** Effect of EPL on the lipid metabolism of the arterial wall and other tissues. pp. 187-200.
In: Peeters H, ed. Phosphatidylcholine. Berlin, Springer, 1976. QU 93 P575 1975.
ANIMAL/ AORTA, drug effects/ *AORTA, metabolism/ *ARTERIOSCLEROSIS, metabolism/ *ATHEROSCLEROSIS, metabolism/ CHOLESTEROL ACYLTRANSFERASE, metabolism/ CHOLESTEROL ESTERASE, metabolism/ CHOLESTEROL, DIETARY/ COENZYME A SYNTHETASES, metabolism/ DISEASE MODELS, ANIMAL/ *FATTY ACIDS, ESSENTIAL, pharmacodynamics/ HEPARIN, pharmacodynamics/ LIPASE, metabolism/ LIPIDS, blood/ *LIPIDS, metabolism/ LIVER, metabolism/ MONOGRAPH/ MYOCARDIUM, metabolism/ ORGAN SPECIFICITY/ *PHOSPHATIDYLCHOLINES, pharmacodynamics/ RABBITS

4009. **Howard BD, Truog R:** Relationship between the neurotoxicity and phospholipase A activity of beta-bungarotoxin. Biochemistry 16(1):122-5, 11 Jan 77
ANIMAL/ BIOLOGICAL ASSAY/ BUNGAROTOXINS, metabolism/ *BUNGAROTOXINS, toxicity/ KINETICS/ MICE/ PHOSPHATIDYLCHOLINES/ *PHOSPHOLIPASE, metabolism/ TRYPSIN INHIBITORS, pharmacodynamics

4010. **Howard BV, De La Llera M, Howard WJ:** A new method for the establishment of diploid fibroblast cell cultures from human foreskins. Proc Soc Exp Biol Med 153(2):280-3, Nov 76
*CELLS, CULTURED/ CIRCUMCISION/ *FIBROBLASTS/ HUMAN/ MALE/ METHODS/ *PENIS, cytology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4011. **Howard CW, Hanson SG, Wahed MA:** Anabolic steroids and anticoagulants [letter] Br Med J 1(6077):1659-60, 25 Jun 77
ADULT/ *ANTICOAGULANTS, pharmacodynamics/ CASE REPORT/ DRUG SYNERGISM/ FEMALE/ HUMAN/ MALE/ *STANOZOLOL, pharmacodynamics

4012. **Howard G, Myatt L, Elder MG:** The effects of intramuscular norethisterone oenanthate used as a contraceptive on intravenous glucose tolerance and on blood coagulation factors VII and X. Br J Obstet Gynaecol 84(8):618-21, Aug 77
*BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION, drug effects/ *BLOOD SUGAR, analysis/ FACTOR VII, analysis/ FACTOR X, analysis/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ *NORETHINDRONE, administration & dosage

4013. **Howard JE, Glassberg AB, Perkins HA:** Post-transfusion thrombocytopenic purpura: a case report. Am J Hematol 1(3):339-42, 1976
AGED/ ANTI-ANTIBODIES/ BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION, adverse effects/ CASE REPORT/ EXCHANGE TRANSFUSION/ FEMALE/ HUMAN/ PREDNISONE, therapeutic use/ *PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOPENIC, therapy/ REMISSION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4014. **Howard PJ, Nair SG, Kennedy MS:** Plasma pentobarbitone levels. Estimation by gas-liquid chromatography after clinical doses. Anaesthesia 31(8):1032-6, Oct 76
ADULT/ BLOOD PRESERVATION/ CHROMATOGRAPHY, GAS, methods/ ETHER, ETHYL/ GLUTETHIMIDE/ HUMAN/ METHODS/ *PENTOBARBITAL, blood/ PENTOBARBITAL, poisoning

4015. **Howcroft AJ, Jenkins DH:** Potentially fatal asphyxia following a minor injury of the cervical spine. J Bone Joint Surg [Br] 59(1):93-4, Feb 77
ACCIDENTS, TRAFFIC/ AGED/ *ASPHYXIA, etiology/ CASE REPORT/ *CERVICAL VERTEBRAE, injuries/ HEMATOMA, complications/ HUMAN/ MALE/ *SPINAL INJURIES, complications/ SPINAL OSTEOPHYTOSIS, complications/ WHIPLASH INJURIES, complications

4016. **Howell RM, Deacon SL:** The interaction of clotting factor X with adsorbents containing bivalent cations. Biochem Soc Trans 4(4):718-20, 1976
ADSORPTION/ ANIMAL/ *BARIUM/ *CALCIUM/ *FACTOR X/ HYDROGEN-ION CONCENTRATION/ HYDROXYAPATITES/ PROTEIN BINDING/ SWINE

4017. **Howes RM, Hoopes JE:** Current concepts of wound healing. Clin Plast Surg 4(2):173-9, Apr 77 (62 ref.)
COLLAGEN, biosynthesis/ FIBROBLASTS/ HEMOSTASIS/ HUMAN/ HYDROXYLATION/ NEUTROPHILS, physiology/ PROLINE, metabolism/ REVIEW/ *WOUND HEALING

4018. **Howsden SM, Hodge SJ, Herndon JH, et al:** Malignant atrophic papulosis of Degos. Report of a patient who failed to respond to fibrinolytic therapy. Arch Dermatol 112(11):1582-8, Nov 76 (61 ref.)
ADULT/ *ETHYLESTRENOL, therapeutic use/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ *PHENFORMIN, therapeutic use/ REVIEW/ *SKIN DISEASES, drug therapy/ SKIN DISEASES, mortality/ SKIN, blood supply/

SYNDROME/ THROMBOSIS, drug therapy

4019. **Hrodek O, Hyniová H:** Prognostic criteria and staging in ALL in childhood. Haematologia (Budap) 10(1):33–9, 1976
ADOLESCENCE/ AGE FACTORS/ B-LYMPHOCYTES, immunology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CELL DIVISION/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ KINETICS/ *LEUKEMIA, LYMPHOBLASTIC, pathology/ LEUKOCYTE COUNT/ LYMPH NODES, pathology/ MALE/ PROGNOSIS/ RETROSPECTIVE STUDIES/ T-LYMPHOCYTES, immunology

4020. **Hrubisková K:** Další defekt intrinsic aktivátora protrombínu lokalizovaný vo fáze aktivácie kontaktom: faktor DMD (Dynia-Majan-Drlička Vnitr Lek 23(4):316–28, Apr 77 **(Slo)**
ADULT/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD PLATELETS, analysis/ CASE REPORT/ FACTOR VIII, therapeutic use/ FACTOR X, analysis/ HUMAN/ INTRINSIC FACTOR, analysis/ MALE/ *PROTHROMBIN, analysis

4021. **Hrubisková K:** Komplexná starostlivost o hemofilikov a s ňou spojené problémy. Vnitr Lek 23(7):675–80, Jun 77 (Eng. Abstr.) **(Slo)**
ADULT/ CHILD/ *COMPREHENSIVE HEALTH CARE/ COUNSELING/ ENGLISH ABSTRACT/ *HEMOPHILIA, therapy/ HUMAN/ PARENTS/ PATIENTS

4022. **Hruby MA:** Coexistent hemophilia A and idiopathic thrombocytopenic purpura. J Pediatr 90(5):773–5, May 77
ADULT/ CASE REPORT/ CHILD, PRESCHOOL/ *HEMOPHILIA, complications/ HUMAN/ MALE/ PREDNISONE, therapeutic use/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY

4023. **Hryszko S, Bernacka K, Bogdanikowa B:** Zachowanie się aktywności fibrynolitycznej krwi u chorych z nadpłytkowością w przebiegu reumatoidalnego zapalenia stawów. Reumatologia 15(2):193–7, 1977 (Eng. Abstr.) **(Pol)**
*ARTHRITIS, RHEUMATOID, blood/ *BLOOD PLATELET DISORDERS, blood/ BLOOD SEDIMENTATION/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ PROTHROMBIN TIME

4024. **Hsu IN, Hofmann T, Nyburg SC:** The crystal structure of penicillopesin at 6 A resolution.
Biochem Biophys Res Commun 72(1):363–8, 7 Sep 76
BINDING SITES/ MOLECULAR MODELS/ *PENICILLINS/ *PENICILLIUM, enzymology/ *PEPTIDE HYDROLASES/ PLATINUM/ PROTEIN BINDING/ PROTEIN CONFORMATION/ TEMPERATURE/ URANIUM/ X-RAY DIFFRACTION

4025. **Hsu IN, Delbaere LT, James MN, et al:** Penicillopepsin from Penicillium janthinellum crystal structure at 2.8 A and sequence homology with porcine pepsin. Nature 266(5598):140–5, 10 Mar 77
AMINO ACID SEQUENCE/ BINDING SITES/ COMPARATIVE STUDY/ CRYSTALLOGRAPHY/ MOLECULAR MODELS/ *PENICILLIUM, enzymology/ *PEPSIN/ *PEPTIDE PEPTIDOHYDROLASES/ PROTEIN CONFORMATION/ SWINE/ X-RAY DIFFRACTION

4026. **Huang JS, Liener IE:** Interaction of the Kunitz soybean trypsin inhibitor with bovine trypsin. Evidence for an an acy–enzyme intermediate during complexation.
Biochemistry 16(11):2474–8, 31 May 77
ARGININE, analogs & derivatives/ ARGININE, analysis/ BOROHYDRIDES/ CATTLE/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ IODINE RADIOISOTOPES/ OXIDATION-REDUCTION/ *TRYPSIN INHIBITOR, KUNITZ SOYBEAN, metabolism/ *TRYPSIN INHIBITORS, metabolism/ *TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4027. **Huang SN, Minassian H, More JD:** Application of immunofluorescent staining on paraffin sections improved by trypsin digestion. Lab Invest 35(4):383–90, Oct 76
ALPHA 1-ANTITRYPSIN/ ANTIGENS, VIRAL/ *FLUORESCENT ANTIBODY TECHNIC, methods/ IMMUNOGLOBULINS/ STAINS AND STAINING/ TISSUE CULTURE/ *TRYPSIN

4028. **Hubbard CD, Shoupe TS:** Mechanisms of acylation of chymotrypsin by phenyl esters of benzoic acid and acetic acid. J Biol Chem 252(5):1633–8, 10 Mar 77
*ACETIC ACIDS/ ACYLATION/ *BENZOATES/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *PHENOLS/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP

4029. **Hubens A, Peeters R:** Pleidooi voor een meer actieve preventie van postoperatieve diepe veneuze trombose Acta Chir Belg 75(4):402–15, Jul 76 (Eng. Abstr.) **(Dut)**
ADULT/ AGED/ CLINICAL RESEARCH/ *DEXTRAN, therapeutic use/ DRUG EVALUATION/ ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ RISK/ *THROMBOPHLEBITIS, prevention & control

4030. **Huber FB:** Darminfarkt als Folge einer spontanen mesenterialen und intramuralen Antikoagulantienblutung Schweiz Med Wochenschr 107(3):88–90, 22 Jan 77 (Eng. Abstr.) **(Ger)**
AGED/ *ANTICOAGULANTS, adverse effects/ CASE REPORT/ ENGLISH ABSTRACT/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ *HEMORRHAGE, GASTROINTESTINAL, complications/ HUMAN/ *INTESTINAL DISEASES, etiology/ INTESTINAL MUCOSA, pathology/ INTESTINE, SMALL, surgery/ MALE

4031. **Huber R, Bode W, Kukla D, et al:** The structure of the complex formed by bovine trypsin and bovine pancreatic trypsin inhibitor III. Structure of the anhydro-trypsin-inhibitor complex.
Biophys Struct Mech 1(3):189–201, 30 May 75
AMINO ACIDS/ ANIMAL/ CATTLE/ FOURIER ANALYSIS/ *KALLIKREIN-TRYPSIN INACTIVATOR/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *TRYPSIN/ TRYPSIN, metabolism/ X-RAY DIFFRACTION

4032. **Huber W, Previato G, Bertoli M, et al:** Indagine sul metabolismo del fibrinogeno-J125 in casi di glomerulonefrite o di pielonefrite cronica ed in pazienti uremici in emodialisi periodica G Clin Med 56(11–12):431–44, Nov-Dec 75 (Eng. Abstr.) **(Ita)**
ADOLESCENCE/ ADULT/ BLOOD COAGULATION DISORDERS, etiology/ CHRONIC DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, metabolism/ *GLOMERULONEPHRITIS, metabolism/ *HEMODIALYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *PYELONEPHRITIS, metabolism/ *UREMIA, metabolism/ UREMIA, therapy

4033. **Hubert IL, Shaw W, Spierto FW:** Factors affecting T3 and T4 proficiency testing. Am J Med Technol 43(4):329–35, Apr 77
BLOOD PRESERVATION, methods/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ RADIOIMMUNOASSAY/ TEMPERATURE/ *THYROID FUNCTION TESTS, methods/ *THYROXINE, blood/ TIME FACTORS/ *TRIIODOTHYRONINE, blood

4034. **Hubschmann O, Kasoff S, Doniger D, et al:** Cavernous haemangioma in the pineal region. Surg Neurol 6(6):349–51, Dec 76
BRAIN, radiography/ CASE REPORT/ CEREBRAL ANGIOGRAPHY/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, radiography/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ MIDDLE AGE/ *PINEAL

BODY/ TOMOGRAPHY, COMPUTERIZED AXIAL

4035. **Hüdepohl JM:** Erfahrungen mit einem neuen Enzym-Dimethylpolysiloxan-Präparat. Munch Med Wochenschr 119(26):905–6, 1 Jul 77 **(Ger)**
ADULT/ ALUMINUM HYDROXIDE GEL, therapeutic use/ *AMYLASE, therapeutic use/ *DIMETHYLPOLYSILOXANES, therapeutic use/ DRUG COMBINATIONS/ DRUG EVALUATION/ *DYSPEPSIA, drug therapy/ FEMALE/ HUMAN/ *LIPASE, therapeutic use/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ *SILICONES, therapeutic use

4036. **Hudson AR, Kilburn KH, Halprin GM, et al:** Granulocyte recruitment to airways exposed to endotoxin aerosols. Am Rev Respir Dis 115(1):89–95, Jan 77
AEROSOLS/ ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, ultrastructure/ CELL COUNT/ ENDOTOXINS, administration & dosage/ *ENDOTOXINS, pharmacodynamics/ EPITHELIAL CELLS, ultrastructure/ *GRANULOCYTES/ GRANULOCYTES, ultrastructure/ GUINEA PIGS/ HAMSTERS/ LEUKOCYTE COUNT/ *LEUKOCYTES/ LEUKOCYTES, ultrastructure/ LUNG, physiopathology/ LUNG, ultrastructure/ MALE/ *RESPIRATORY SYSTEM/ RESPIRATORY SYSTEM, physiopathology/ *SALMONELLA TYPHI/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4037. **Huestis DW, Fletcher JL, White RF, et al:** Citrate anticoagulants for plateletpheresis. Transfusion 17(2):151–5, Mar–Apr 77
*ANTICOAGULANTS/ BLOOD DONORS/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION, methods/ CELL SEPARATION, standards/ CITRATES/ HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4038. **Huestis DW:** Use of dextran 75 as a macromolecular agent in centrifugal leukapheresis. Transfusion 17(2):156–8, Mar–Apr 77
ANTICOAGULANTS/ *BLOOD TRANSFUSION, methods/ CELL SEPARATION, standards/ CENTRIFUGATION/ *DEXTRAN/ HUMAN/ HYDROXYETHYL STARCH/ *LEUKOCYTES, transplantation/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4039. **Hufnagel CA:** Reflections on the development of valvular prostheses. Med Instrum 11(2):74–6, Mar–Apr 77
ANIMAL/ EXTRACORPOREAL CIRCULATION/ HEART VALVE DISEASES, surgery/ HEART VALVE PROSTHESIS, adverse effects/ *HEART VALVE PROSTHESIS, history/ HEART VALVE PROSTHESIS, instrumentation/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ POLYPROPYLENES/ RESINS, SYNTHETIC/ SILICONES/ THROMBOSIS, etiology/ UNITED STATES

4040. **Huget R, Opitz HG, Flad HD:** Adjuvant and suppressor activity of the polycation protamine hydrochloride in the primary immune response of mice. Z Immunitaetsforsch 152(3):190–9, Nov 76
ADJUVANTS, IMMUNOLOGIC/ ANIMAL/ ANTIBODY FORMATION/ ERYTHROCYTES, immunology/ FEMALE/ HEMOLYSINS/ IMMUNOSUPPRESSION/ MACROPHAGES, immunology/ MALE/ MICE/ PASSIVE TRANSFER/ *PROTAMINES, immunology/ SHEEP, immunology

4041. **Huggins C:** Use of frozen blood in surgical patients. Prog Clin Biol Res 11:97–107, 1976
ABO BLOOD-GROUP SYSTEM/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ ERYTHROCYTES/ FREEZING/ HOSPITAL EMERGENCY SERVICE/ HUMAN/ METHODS/ RH-HR BLOOD-GROUP SYSTEM/ *SURGERY, OPERATIVE

4042. **Hughes CE 3d, Conn J Jr, Sherman JO:** Intramural hematoma of the gastrointestinal tract. Am J Surg 133(3):276–9, Mar 77
ABDOMINAL INJURIES, complications/ ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ *GASTROINTESTINAL DISEASES/ GASTROINTESTINAL DISEASES, diagnosis/ GASTROINTESTINAL DISEASES, etiology/ *HEMATOMA/ HEMATOMA, diagnosis/ HEMATOMA, etiology/ HEMATOMA, surgery/ HEPARIN, adverse effects/ HUMAN/ INFANT/ INTESTINAL OBSTRUCTION, etiology/ MIDDLE AGE/ WARFARIN, adverse effects

4043. **Hughes EC, Cochrane NE, Czyz PL:** Maternal mortality study. 1970–1975. NY State J Med 76(13):2206–12, Dec 76
ABORTION, mortality/ ANESTHESIA, OBSTETRICAL, adverse effects/ CLASSIFICATION/ EMBOLISM, AMNIOTIC FLUID, mortality/ FEMALE/ HUMAN/ LABOR, INDUCED, adverse effects/ *MATERNAL MORTALITY/ NEW YORK/ PREGNANCY/ PREGNANCY, ECTOPIC/ PREGNANCY, ECTOPIC, mortality/ PULMONARY EMBOLISM, mortality/ UTERINE RUPTURE, mortality

4044. **Hughes WT:** Infections in the compromised host. Adv Intern Med 22:73–96, 1977 (90 ref.)
AGAMMAGLOBULINEMIA, familial & genetic/ ALDRICH SYNDROME, immunology/ ATAXIA TELANGIECTASIA, immunology/ BACTERIAL INFECTIONS, immunology/ CHEDIAK-HIGASHI SYNDROME, immunology/ COMPLEMENT 3, deficiency/ DIGEORGE SYNDROME, congenital/ DYSGAMMAGLOBULINEMIA, immunology/ GRANULOMATOUS DISEASE, CHRONIC, immunology/ HUMAN/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ *INFECTION, immunology/ JOB'S SYNDROME, immunology/ MYCOSES, immunology/ NEUTROPENIA, immunology/ NEUTROPHILS, physiology/ PROTOZOAN INFECTIONS, immunology/ REVIEW/ THYMUS GLAND, abnormalities/ VIRUS DISEASES, immunology

4045. **Huismans H:** Spontane Rekanalisation einer beidseitigen Zentralvenenthrombose im dritten Schwangerschaftsmonat Klin Monatsbl Augenheilkd 168(3):423–5, Mar 76 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ EYE DISEASES, physiopathology/ *EYE, blood supply/ FEMALE/ HUMAN/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY TRIMESTER, FIRST/ PREGNANCY/ REMISSION/ *THROMBOPHLEBITIS, physiopathology/ TIME FACTORS

4046. **Hull R, Hirsh J, Sackett DL, et al:** Combined use of leg scanning and impedance plethysmography in suspected venous thrombosis. An alternative to venography. N Engl J Med 296(26):1497–500, 30 Jun 77
ADOLESCENCE/ ADULT/ AGED/ COMPARATIVE STUDY/ FALSE NEGATIVE REACTIONS/ FALSE POSITIVE REACTIONS/ FEMALE/ HUMAN/ IODINE RADIOISOTOPES/ *LEG, blood supply/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ *PLETHYSMOGRAPHY, IMPEDANCE/ *RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ THROMBOPHLEBITIS, therapy

4047. **Hultin MB, London FS, Shapiro SS, et al:** Heterogeneity of factor VIII antibodies: further immunochemical and biologic studies. Blood 49(5):807–17, May 77
*ANTIBODIES/ *FACTOR VIII, immunology/ *HEMOPHILIA, immunology/ HUMAN/ IGG/ IMMUNOGLOBULINS, HEAVY CHAIN/ IMMUNOGLOBULINS, LIGHT CHAIN/ ISOELECTRIC FOCUSING/ MALE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4048. **Hume M, Turner RH, Kuriakose TX, et al:** Venous thrombosis after total hip replacement. Combined monitoring as a guide for prophylaxis and treatment. J Bone Joint Surg [Am] 58(7):933–9, Oct 76
ARTHROPLASTY/ BLOOD PLATELETS, drug effects/ *HIP JOINT, surgery/ HUMAN/ HYDROXYCHLOROQUINE, therapeutic use/ *JOINT PROSTHESIS/ PLETHYSMOGRAPHY,

IMPEDANCE/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ REMISSION/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control

4049. **Hume M:** Venous thromboembolism prophylaxis: summary. pp. 227–9.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976.
HUMAN/ MONOGRAPH/ *THROMBOEMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

4050. **Hume M, Bierbaum B, Kuriakose TX, et al:** Prevention of postoperative thrombosis by aspirin. Am J Surg 133(4):410–2, Apr 77
*ASPIRIN, therapeutic use/ CLINICAL RESEARCH/ DRUG EVALUATION/ HIP JOINT, surgery/ HUMAN/ HYDROXYCHLOROQUINE, therapeutic use/ JOINT PROSTHESIS/ PLACEBOS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

4051. **Humphreys RP, Hockley AD, Freedman MH, et al:** Management of intracerebral hemorrhage in idiopathic thrombocytopenic purpura. Report of four cases. J Neurosurg 45(6):700–4, Dec 76
ADOLESCENCE/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ CASE REPORT/ CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, surgery/ *CEREBRAL HEMORRHAGE, therapy/ CHILD/ DEXAMETHASONE, therapeutic use/ FEMALE/ HUMAN/ MALE/ PREDNISONE, therapeutic use/ *PURPURA, THROMBOPENIC, complications/ SPLENECTOMY

4052. **Humphreys WV, Walker A, Cave FD, et al:** The effect of an infusion of low molecular weight dextran on peripheral resistance in patients with arteriosclerosis. Br J Surg 63(9):691–3, Sep 76
*ARTERIOSCLEROSIS, physiopathology/ ARTERIOSCLEROSIS, surgery/ BLOOD FLOW VELOCITY/ BLOOD VISCOSITY, drug effects/ *DEXTRAN, pharmacodynamics/ FEMORAL ARTERY, surgery/ HEMATOCRIT/ HUMAN/ MOLECULAR WEIGHT/ *VASCULAR RESISTANCE, drug effects

4053. **Humphreys WV, Walker A, Charlesworth D:** A report on the use of Arvin in patients with pre-gangrene of the lower limb. Br J Surg 64(1):31–3, Jan 77
ADULT/ AGED/ *ARTERIOSCLEROSIS, drug therapy/ *ARVIN, therapeutic use/ BLOOD VISCOSITY, drug effects/ FEMALE/ *FIBRINOGEN/ FIBRINOGEN, analysis/ *GANGRENE, drug therapy/ HUMAN/ LEG/ MALE/ MIDDLE AGE/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ TIME FACTORS

4054. **Hundeiker M, Löffler H:** Hämosiderimpigmentierung beim Sézary-Syndrom Hautarzt 27(10):492–4, Oct 76 (Eng. Abstr.) **(Ger)**
AGED/ CASE REPORT/ *DERMATITIS EXFOLIATIVA, complications/ EDEMA, complications/ EDEMA, etiology/ ENGLISH ABSTRACT/ ERYTHRODERMA, complications/ ERYTHRODERMA, pathology/ FEMALE/ *HEMOSIDEROSIS, complications/ HUMAN/ LEUKEMIA, LYMPHOCYTIC/ *MYCOSIS FUNGOIDES, complications/ PURPURA, complications/ *RETICULOENDOTHELIOSIS, complications/ *SKIN DISEASES, pathology/ SKIN NEOPLASMS, complications/ SKIN, pathology/ SYNDROME/ T-LYMPHOCYTES

4055. **Hünerberg V, Friedebold G:** Eine weitere Nervenläsion bei totalem Hüftgelenkersatz. Z Orthop 115(3):396–7, Jun 77 (Eng. Abstr.) **(Ger)**
AGED/ CASE REPORT/ CICATRIX/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, etiology/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS, adverse effects/ METHODS/ *PERIPHERAL NERVE DISEASES, etiology/ *SCIATIC NERVE

4056. **Hunkapiller MW, Forgac MD, Richards JH:** Mechanism of action of serine proteases: tetrahedral intermediate and concerted proton transfer. Biochemistry 15(25):5581–8, 14 Dec 76
ANILIDES/ KINETICS/ PANCREATOPEPTIDASE, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEPTIDES, metabolism/ SERINE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4057. **Hunt DR:** Surgical management of gangrenous ischemic colitis: report of five cases. Dis Colon Rectum 20(1):36–9, Jan–Feb 77
AGED/ CASE REPORT/ COLITIS, complications/ *COLITIS, surgery/ *COLON, blood supply/ COLON, pathology/ FEMALE/ GANGRENE/ HUMAN/ *ISCHEMIA, surgery/ MIDDLE AGE/ PERITONITIS, complications/ PULMONARY EMBOLISM, complications

4058. **Hunt FA:** A rapid method for assessing megathrombocytes: its application to thrombocytotic and acquired thrombocytopenic states. Pathology 8(1):47–55, Jan 76
*BLOOD CELL COUNT, methods/ *BLOOD PLATELETS/ CHRONIC DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ HUMAN/ MYELOPROLIFERATIVE DISORDERS, blood/ PURPURA, THROMBOPENIC, blood/ *THROMBOCYTOSIS, blood/ *THROMBOPENIA, blood

4059. **Hunt FA, Shaw AE, Harden PA:** Transfusion therapy of thrombocytopenia: a reappraisal. Med J Aust 2(18):671–3, 30 Oct 76
ANEMIA, complications/ BLOOD PLATELETS/ *BLOOD TRANSFUSION/ ERYTHROCYTES/ HEMORRHAGE, complications/ HUMAN/ THROMBOPENIA, complications/ *THROMBOPENIA, therapy

4060. **Hunter G:** Treatment of fractures of the neck of the femur. Can Med Assoc J 117(1):60–1, 9 Jul 77
ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ *FEMORAL NECK FRACTURES, surgery/ *FRACTURE FIXATION, INTERNAL, methods/ HUMAN/ *JOINT PROSTHESIS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ SURGICAL WOUND INFECTION, prevention & control

4061. **Hureau J, Vairel E, Muller JM:** Perturbations du système fibrinolytique dans la phase post-opératoire Nouv Presse Med 5(43):2939–40, 18 Dec 76 **(Fre)**
ABDOMEN, surgery/ BLOOD COAGULATION FACTORS, analysis/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ PLASMINOGEN, analysis/ POSTOPERATIVE COMPLICATIONS, diagnosis/ TIME FACTORS/ TRYPSIN INHIBITORS, blood

4062. **Hurlbut JA, Kavianian GR, Lee SY, et al:** Enzyme activity experiments using a simple spectrophotometer. J Chem Educ 54(7):442–3, Jul 77
*CHYMOTRYPSIN, analysis/ SPECTROPHOTOMETRY, methods

4063. **Hurley MJ, Brown C, Miller E, et al:** Polyurethane foam (Bentley) micropore blood transfusion filter: filtration characteristics. Arch Surg 112(2):222–5, Feb 77
*BLOOD PRESERVATION/ BLOOD TRANSFUSION, instrumentation/ METHODS/ *MICROPORE FILTERS/ *POLYURETHANES

4064. **Hurwitz A, Azarnoff DL:** Clinical principles of drug interactions in the adult patient. Ann NY Acad Sci 281:98–105, 1976 (65 ref.)
ADRENAL CORTEX HORMONES, pharmacodynamics/ ADULT/ ALCOHOL, ETHYL, pharmacodynamics/ ANTACIDS, pharmacodynamics/ ANTI-ARRHYTHMIA AGENTS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTICOAGULANTS, pharmacodynamics/ BLOOD PRESSURE, drug effects/ DIGITALIS GLYCOSIDES, pharmacodynamics/ *DRUG INTERACTIONS/ HUMAN/ HYPOGLYCEMIC AGENTS,

pharmacodynamics/ PARASYMPATHOLYTICS, pharmacodynamics/ PSYCHOTROPIC DRUGS, pharmacodynamics/ REVIEW/ THYROID HORMONES, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4065. **Hurwitz FI, Hopfinger AJ:** Conformational analysis of a chain reversal in alpha-chymotrypsin.
Int J Pept Protein Res 8(6):543-50, 1976
AMINO ACID SEQUENCE/ *CHYMOTRYPSIN, analysis/ MODELS, STRUCTURAL/ *MOLECULAR CONFORMATION

4066. **Husain SS:** Intracellular cysteine proteases from bovine liver p. 397.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
ANIMAL/ CATHEPSIN, metabolism/ CATTLE/ CYSTEINE/ *LIVER, enzymology/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ MONOGRAPH/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4067. **Huseby RM, Clavin SA, Smith RE, et al:** Studies on tissue culture plasminogen activator. II. The detection and assay of urokinase and plasminogen activator from LLC-PK cultures (porcine) by the synthetic substrate Nalpha-benzyloxycarbonyl-glycyl-glycyl-arginyl-4-met
Thromb Res 10(5):679-87, May 77
ANIMAL/ FIBRIN/ HUMAN/ IN VITRO/ KINETICS/ METHODS/ *OLIGOPEPTIDES/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ *PLASMINOGEN ACTIVATORS, analysis/ SWINE/ TISSUE CULTURE/ *UROKINASE, analysis

4068. **Huskisson EC:** D-penicilamin Reumatizam 23(5):163-75, 1976 (Eng. Abstr.) **(Scr)**
*ARTHRITIS, RHEUMATOID, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ PENICILLAMINE, adverse effects/ *PENICILLAMINE, therapeutic use/ THROMBOPENIA, chemically induced

4069. **Hussain S:** Disorders of hemostasis and thrombosis in the aged. Med Clin North Am 60(6):1273-87, 1976 (24 ref.)
ADOLESCENCE/ ADULT/ AGED/ AORTIC ANEURYSM, complications/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS, drug effects/ BUSULFAN, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DRUG THERAPY, adverse effects/ FEMALE/ FIBRINOLYSIS/ *HEMATOLOGIC DISEASES/ HEMATOLOGIC DISEASES, etiology/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ MYELOFIBROSIS, complications/ MYELOID METAPLASIA, complications/ MYELOPROLIFERATIVE DISORDERS, drug therapy/ NEOPLASMS, complications/ PARAPROTEINEMIAS, complications/ POLYCYTHEMIA VERA, complications/ PURPURA, classification/ REVIEW/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, diagnosis/ THROMBOCYTOSIS, etiology/ THROMBOPENIA, etiology/ *THROMBOSIS/ THROMBOSIS, etiology/ VASCULAR DISEASES, etiology/ VITAMIN K DEFICIENCY, complications

4070. **Hussar DA:** New drugs of 1976. Am J Pharm 149(1):5-25, Jan-Feb 77 (0 ref.)
*ACETANILIDE/ ACETANILIDE, analogs & derivatives/ *AMIKACIN/ *ANTI-INFLAMMATORY AGENTS/ ASTHMA, drug therapy/ *BECLOMETHASONE/ BECLOMETHASONE, therapeutic use/ *DANAZOL/ DANAZOL, therapeutic use/ *DISACCHARIDES/ ENDOMETRIOSIS, drug therapy/ *ETIDOCAINE/ HEMOSTATICS/ *KANAMYCIN/ KANAMYCIN, analogs & derivatives/ *LACTULOSE/ *LOMUSTINE/ *NITROSOUREA COMPOUNDS/ *PRAZOSIN/ *PREGNADIENES/ PREGNADIENES, therapeutic use/ *QUINAZOLINES/ REVIEW/ SOMATOTROPIN

4071. **Husslein H, Endl J:** Gynäkologie und Lunge.
Prax Klin Pneumol 31(5):477-84, May 77 (Eng. Abstr.) **(Ger)**
ADULT/ BREAST NEOPLASMS, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC NEOPLASMS, diagnosis/ HUMAN/ LABOR COMPLICATIONS, diagnosis/ *LUNG NEOPLASMS, diagnosis/ MIDDLE AGE/ NEOPLASM METASTASIS/ POSTOPERATIVE COMPLICATIONS, diagnosis/ PREGNANCY/ PULMONARY EMBOLISM, diagnosis

4072. **Husted S, Andreasen F:** Problems encountered in long-term treatment with anticoagulants. Acta Med Scand 200(5):379-84, 1976
*ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION DISORDERS, chemically induced/ COMPARATIVE STUDY/ DRUG EVALUATION/ DRUG INTERACTIONS/ FEMALE/ HEMORRHAGE, chemically induced/ HUMAN/ MALE/ *THROMBOEMBOLISM, prevention & control/ TIME FACTORS

4073. **Husted S, Andreasen F:** Individual variation in the response to phenprocoumon. Eur J Clin Pharmacol 11(5):351-8, 1977
ADULT/ AGED/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, metabolism/ FEMALE/ HALF-LIFE/ HUMAN/ KINETICS/ MALE/ MIDDLE AGE/ PHENPROCOUMON, blood/ *PHENPROCOUMON, pharmacodynamics/ PROTEIN BINDING/ TIME FACTORS/ *4-HYDROXYCOUMARINS, pharmacodynamics

4074. **Hutchins PM, Thurstone FL, Green HD, et al:** A mathematical model of transient adjustments during renal autoregulation. Med Res Eng 12(4):12-5, Feb 77
ANIMAL/ BLOOD VISCOSITY/ COMPUTERS, ANALOG/ DOGS/ FEMALE/ *HOMEOSTASIS/ *KIDNEY, blood supply/ MATHEMATICS/ *MODELS, BIOLOGICAL/ REGIONAL BLOOD FLOW/ RENAL ARTERY, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR RESISTANCE

4075. **Hutchinson RM, Eastham RD:** A comparison of the erythrocyte sedimentation rate and plasma viscosity in detecting changes in plasma proteins. J Clin Pathol 30(4):345-9, Apr 77
ALPHA GLOBULINS, analysis/ *BLOOD PROTEINS, analysis/ *BLOOD SEDIMENTATION/ *BLOOD VISCOSITY/ COMPARATIVE STUDY/ FIBRINOGEN, analysis/ GAMMA GLOBULINS, analysis/ HUMAN

4076. **Huth F, Klein W, Douros T, et al:** Experimentelle lymphostatische Arthropathie Beitr Orthop Traumatol 23(12):689-95, Dec 76 **(Ger)**
ANIMAL/ ARTHRITIS, drug therapy/ *ARTHRITIS, etiology/ COUMARINS, therapeutic use/ HINDLIMB/ *LYMPHEDEMA, complications/ RABBITS/ SYNOVIAL MEMBRANE, pathology

4077. **Huth JH, Richter E, Förster J, et al:** Zur Nachbehandlung und Rehabilitation of patients after heart surgery
Z Aerztl Fortbild (Jena) 70(18):981-3, 1 Sep 76 **(Ger)**
ADOLESCENCE/ ADULT/ *AFTER CARE/ ANTICOAGULANTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ HEART AUSCULTATION/ HEART DEFECTS, CONGENITAL, surgery/ *HEART DISEASES, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, drug therapy/ *POSTOPERATIVE COMPLICATIONS, rehabilitation/ REHABILITATION, VOCATIONAL/ VOCATIONAL GUIDANCE

4078. **Huth JH, Neumann U, Förster J:** Cor triloculare biventriculare Zentralbl Chir 102(1):47-51, 1977 **(Ger)**
CORONARY VESSELS/ FEMALE/ HEART ENLARGEMENT, etiology/ *HEART SEPTAL DEFECTS, ATRIAL/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE

COMPLICATIONS/ THROMBOSIS, etiology

4079. **Hutson DG, Zeppa R, Levi JU, et al:** The effect of the distal splenorenal shunt on hypersplenism. Ann Surg 185(5):605–12, May 77
ADULT/ AGED/ ALCOHOLISM, complications/ BLOOD PLATELETS/ FEMALE/ HUMAN/ HYPERSPLENISM, complications/ *HYPERSPLENISM, surgery/ HYPERTENSION, PORTAL, complications/ LEUKOCYTE COUNT/ LEUKOPENIA, complications/ LIVER CIRRHOSIS, complications/ MALE/ MIDDLE AGE/ *RENAL VEINS, surgery/ *SPLENIC VEIN, surgery/ THROMBOPENIA, complications

4080. **Hutter O, Duckert F, Fridrich R, et al:** Dextran 40 zur Prphylaxe tiefer Venenthrombosen in der Chirurgie Dtsch Med Wochenschr 101(50):1834–7, 10 Dec 76 (Eng. Abstr.) **(Ger)**
ADULT/ *DEXTRAN, administration & dosage/ DEXTRAN, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSPECTIVE STUDIES/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control

4081. **Hütteroth TH, Cleve H:** Beta2-Mikroglobulin: Struktur und Funktion eines Immunoglobulin-Homologs Immun Infekt 4(3):110–5, Jun 76 (50 ref.) (Eng. Abstr.) **(Ger)**
AMINO ACID SEQUENCE/ *BETA GLOBULINS, isolation & purification/ BETA 2 MICROGLOBULIN, immunology/ *BETA 2 MICROGLOBULIN, isolation & purification/ BETA 2 MICROGLOBULIN, urine/ BLOOD PLATELETS, analysis/ BODY FLUIDS, analysis/ CELL MEMBRANE, analysis/ ENGLISH ABSTRACT/ HL-A/ HUMAN/ KIDNEY DISEASES, urine/ LYMPHOCYTES, analysis/ REVIEW

4082. **Huttunen H, Mattila MA, Alhava EM, et al:** Peroperative infusion of dextran 70 and dextran 40 in the prevention of postoperative deep venous thrombosis as confirmed by the I-125-labelled fibrinogen uptake method. Ann Chir Gynaecol 66(2):79–81, 1977
CLINICAL RESEARCH/ COMPARATIVE STUDY/ DEXTRAN, administration & dosage/ *DEXTRAN, therapeutic use/ FEMALE/ *FIBRINOGEN, diagnostic use/ HUMAN/ INFUSIONS, PARENTERAL/ IODINE RADIOISOTOPES, diagnostic use/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control

4083. **Huzoor-Akbar, Ardlie NG:** Effects of clofibrate on platelets and evidence of the involvement of platelet lipids in platelet function. Thromb Res 10(1):95–105, Jan 77
ACETATES, metabolism/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, secretion/ *CLOFIBRATE, pharmacodynamics/ GLUCOSE, metabolism/ GLUCURONIDASE, secretion/ HUMAN/ *LIPIDS, metabolism/ *PLATELET AGGREGATION, drug effects

4084. **Huzoor-Akbar, Ardlie NG:** Platelet activation in haemostasis: role of thrombin and other clotting factors in platelet-collagen interaction. Haemostasis 6(1):59–71, 1977
BLOOD COAGULATION FACTORS/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, secretion/ *COLLAGEN, physiology/ GLUCURONIDASE, secretion/ HEPARIN, pharmacodynamics/ HIRUDIN, pharmacodynamics/ HUMAN/ MALE/ PLATELET AGGREGATION/ SEROTONIN, secretion/ *THROMBIN, physiology

4085. **Hwang DL, Foard DE, Wei CH:** A soybean trypsin inhibitor Crystallization and x-ray crystallographic study J Biol Chem 252(3):1099–101, 10 Feb 77
CRYSTALLIZATION/ PROTEIN CONFORMATION/ SOY BEANS/ TRYPSIN INHIBITOR, BOWMAN-BIRK SOYBEAN/ TRYPSIN INHIBITOR, KUNITZ SOYBEAN/ *TRYPSIN INHIBITORS/ *TRYPSIN INHIBITORS, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ X-RAY DIFFRACTION

4086. **Hyderally H, Stark DC:** Hemophilia: anesthetic implications. Mt Sinai J Med NY 44(3):397–9, May-Jun 77
*ANESTHESIA, GENERAL, methods/ ANESTHETICS/ *HEMOPHILIA, complications/ HUMAN/ JOINT DISEASES, etiology/ *JOINT DISEASES, surgery

4087. **Hyman RA, Bluestone P, Waldbaum RS, et al:** Parasitic lumbar arterial blood supply in renal angiomyolipoma Urology 8(6):629–33, Dec 76
ADULT/ ARTERIES/ CASE REPORT/ FEMALE/ *HEMANGIOMA, blood supply/ HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HUMAN/ *KIDNEY NEOPLASMS, blood supply/ KIDNEY NEOPLASMS, diagnosis/ KIDNEY NEOPLASMS, surgery/ *LIPOMA, blood supply/ LIPOMA, diagnosis/ LIPOMA, surgery/ *LUMBOSACRAL REGION, blood supply/ UREMIA, diagnosis

4088. **Hynieova H, Hynie S:** Učinek prostaglandin®u na trombocyty Cesk Fysiol 25(4):299–308, 1976 **(Cze)**
*BLOOD PLATELETS, drug effects/ HUMAN/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ PROSTAGLANDINS F, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics

4089. **Hysell JK, Hysell JW, Nichols ME, et al:** In vivo and in vitro activation of T-antigen receptors on leukocytes and platelets. Vox Sang 31(1 SUPPL):9–15, 1976
ABSORPTION/ ANTIBODIES, analysis/ BINDING SITES, ANTIBODY/ BLOOD COAGULATION TESTS/ *BLOOD GROUPS/ *BLOOD PLATELETS, immunology/ HUMAN/ *LEUKOCYTES, immunology/ PAPAIN, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ PLATELET AGGREGATION/ *RECEPTORS, DRUG/ SEROTONIN, metabolism/ STREPTOCOCCUS PNEUMONIAE, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4090. **Hysell JK, Hysell JW, Gray JM:** Thrombocytopenic purpura following iopanoic acid ingestion. JAMA 237(4):361–2, 24 Jan 77
BLOOD PLATELETS, drug effects/ CASE REPORT/ CONTRAST MEDIA, administration & dosage/ FEMALE/ HUMAN/ IOPANOIC ACID, administration & dosage/ *IOPANOIC ACID, adverse effects/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, chemically induced/ TIME FACTORS

4091. **Hyttel J:** Neurochemical characterization of a new potent and selective serotonin uptake inhibitor: Lu 10-171. Psychopharmacology 51(3):225–33, 16 Mar 77
ANIMAL/ ANTIDEPRESSIVE AGENTS, TRICYCLIC, pharmacodynamics/ *BIOGENIC AMINES, metabolism/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BRAIN CHEMISTRY, drug effects/ BRAIN, metabolism/ BRAIN, ultrastructure/ CORPUS STRIATUM, metabolism/ CORPUS STRIATUM, ultrastructure/ DEPRESSION, CHEMICAL/ DOGS/ DOPAMINE, metabolism/ FEMALE/ IN VITRO/ MALE/ MICE/ MICROSOMES, drug effects/ MICROSOMES, enzymology/ MICROSOMES, LIVER, drug effects/ MICROSOMES, LIVER, enzymology/ MONOAMINE OXIDASE INHIBITORS/ MYOCARDIUM, metabolism/ *NITRILES, pharmacodynamics/ NOREPINEPHRINE, metabolism/ *PROPYLAMINES, pharmacodynamics/ RABBITS/ RATS/ SEROTONIN, blood/ *SEROTONIN, metabolism/ SYNAPTOSOMES, drug effects/ SYNAPTOSOMES, metabolism

4092. **Hyyppä MT, Långvik VA, Nieminen V, et al:** Tryptophan and monoamine metabolites in ventricular cerebrospinal fluid after severe cerebral trauma [letter] Lancet 1(8026):1367–8, 25 Jun 77
ADOLESCENCE/ ADULT/ *BRAIN CONCUSSION, cerebrospinal fluid/ *CEREBRAL HEMORRHAGE, cerebrospinal fluid/ CEREBRAL VENTRICLES, metabolism/ CHILD/ FEMALE/

*HEMATOMA, cerebrospinal fluid/ *HOMOVANILLIC ACID, cerebrospinal fluid/ HUMAN/ *HYDROXYINDOLEACETIC ACID, cerebrospinal fluid/ INTRACRANIAL PRESSURE/ MALE/ *PHENYLACETATES, cerebrospinal fluid/ *TRYPTOPHAN, cerebrospinal fluid

I

4093. **Iablokov EG, Kirienko AI, Voronina IE, et al:** Radioindikatsiia ostrogo venoznogo tromboza Med Radiol (Mosk) 21(6):22–9, Jun 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES/ LEG, blood supply/ MALE/ MIDDLE AGE/ RADIOISOTOPE DILUTION TECHNIC/ *THROMBOPHLEBITIS, diagnosis

4094. **Iakhontova OI:** Znachenie proteoliticheskogo faktora v proiskhozhdenii duodenita i eiunita pri khronicheskom gepatite i tsirrozakh pecheni Ter Arkh 48(9):54–7, 1976 (Eng. Abstr.) **(Rus)**
CHRONIC DISEASE/ *DUODENAL DISEASES, etiology/ DUODENUM, enzymology/ ENGLISH ABSTRACT/ *ENTERITIS, etiology/ HEPATITIS, enzymology/ HUMAN/ *JEJUNUM/ JEJUNUM, enzymology/ *LIVER CIRRHOSIS, enzymology/ *TRYPSIN INHIBITORS, metabolism/ *TRYPSIN, metabolism

4095. **Iakovlev VA, Levchuk TP, Malakhova EA:** Primenenie metoda potentsiometricheskogo titrovaniia pri postoiannom pH dlia opredeleniia aktivnosti lipoproteidlipazy Vopr Med Khim 22(3):417–21, May–Jun 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ CATTLE/ ENGLISH ABSTRACT/ FATTY ACIDS, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *LIPOPROTEIN LIPASE, blood/ POTENTIOMETRY, methods

4096. **Iakovlev VP, Kulikova DA, Rudzit EA:** Farmakokineticheskaia interferentsiia mezhdu khimioterapevticheskimi i farmakologicheskimi preparatami Antibiotiki 21(10):945–54, Oct 76 (113 ref.) **(Rus)**
ANIMAL/ ANTIBIOTICS, pharmacodynamics/ ANTICOAGULANTS, pharmacodynamics/ ANTINEOPLASTIC AGENTS, pharmacodynamics/ BIOPHARMACEUTICS/ DELAYED-ACTION PREPARATIONS/ DRUG ANTAGONISM/ *DRUG INTERACTIONS/ DRUG SYNERGISM/ *DRUG THERAPY, COMBINATION/ ENZYMES, pharmacodynamics/ HORMONES, pharmacodynamics/ HUMAN/ HYPNOTICS AND SEDATIVES, pharmacodynamics/ KIDNEY TUBULES, drug effects/ KIDNEY, drug effects/ KINETICS/ REVIEW/ SULFANILAMIDES, pharmacodynamics/ VITAMINS, pharmacodynamics

4097. **Iakovleva NI:** O lokalizatsii belkov plazmy i beta-lipoproteidov v stenke venechnykh arterii pri koronarnom ateroskleroze Kardiologiia 17(1):114–9, Jan 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ AGING/ ALBUMINS, analysis/ AUTOPSY/ *BLOOD PROTEINS, analysis/ CHILD/ CORONARY DISEASE, etiology/ *CORONARY DISEASE, pathology/ *CORONARY VESSELS, analysis/ CORONARY VESSELS, pathology/ ENGLISH ABSTRACT/ FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULINS, analysis/ HUMAN/ *LIPOPROTEINS, LDL, analysis/ MIDDLE AGE/ PLASMA

4098. **Iakunin GA, Rabinovich IuIa, Iufit SE:** Issledovanie sistemy svertyvaniia krovi vo vremia autotransplantatsii legkogo v eksperimente Eksp Khir Anesteziol (6):33–7, Nov–Dec 75 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION/ DOGS/ ENGLISH ABSTRACT/ *LUNG, transplantation/ TRANSPLANTATION, AUTOLOGOUS

4099. **Ianev AB:** Trombozy i émbolii v neotlozhnoĭ khirurgii organov briushnoĭ polosti. Klin Khir (7):66–9, Jul 77 (Eng. Abstr.) **(Rus)**
ABDOMEN, ACUTE, pathology/ *ABDOMEN, ACUTE, surgery/ ADULT/ AGED/ AUTOPSY/ *EMERGENCIES/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOEMBOLISM, pathology/ *THROMBOEMBOLISM, surgery

4100. **Ianev P, Solakov P, Milenkov Kh:** Trombotichnata trombotsitopenichna purpura (sindrom na Moschkowitz). Vutr Boles 16(2):98–101, 1977 **(Bul)**
ADULT/ AUTOPSY/ CASE REPORT/ HUMAN/ MALE/ *PURPURA, THROMBOTIC THROMBOPENIC, pathology

4101. **Iarmolinskiĭ IS:** Uspeshnaia otsrochennaia trombéktomiia iz arterio-venoznoĭ fistuly Khirurgiia (Mosk) (5):118–9, May 77 **(Rus)**
ADULT/ *ARTERIOVENOUS FISTULA, surgery/ *ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ CASE REPORT/ FEMALE/ HEMODIALYSIS/ HUMAN/ KIDNEY FAILURE, CHRONIC, surgery/ *THROMBOSIS, surgery/ TIME FACTORS

4102. **Iarochkin VS, Koziner VB:** Sravnitel'naia kharakteristika vliianiia razlichnykh knonservantov krovi na sokratitel'nuiu sposobnost' miokarda Probl Gematol Pereliv Krovi 21(4):32–5, Apr 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION, AUTOLOGOUS/ CITRATES, pharmacodynamics/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ GLUCOSE, pharmacodynamics/ HEPARIN, pharmacodynamics/ *MYOCARDIAL CONTRACTION, drug effects/ *PHARMACEUTIC AIDS, pharmacodynamics/ PHOSPHATES, pharmacodynamics/ *PRESERVATIVES, PHARMACEUTICAL, pharmacodynamics/ RABBITS/ SOLUTIONS

4103. **Iasakova OI, Gorbunova ZV, Reneva TG, et al:** Rezul'taty lecheniia revmatizma gama-globulinom, titrovannym k ekzofermentam beta-gemoliticheskogo Streptokokka i virusam Koksaki A13, A18 i B3] Ter Arkh 48(11):93–9, 1976 (Eng. Abstr.) **(Rus)**
ADULT/ ANTIBODIES/ CASE REPORT/ *COXSACKIE VIRUSES, enzymology/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ *GAMMA GLOBULINS, therapeutic use/ HUMAN/ HYALURONIDASE, immunology/ MALE/ MIDDLE AGE/ RHEUMATIC FEVER, microbiology/ *RHEUMATIC FEVER, therapy/ *STREPTOCOCCUS, enzymology/ STREPTOKINASE, immunology/ STREPTOLYSIN, immunology

4104. **Iatridis PG, Iatridis SG, Ragatz RH:** The in vivo increase of factor VIII activity by 2,3-diphosphoglycerate. Thromb Res 9(6):533–40, Dec 76
ANIMAL/ BLOOD PLATELETS, drug effects/ CELL COUNT/ *DIPHOSPHOGLYCERIC ACIDS, pharmacodynamics/ ERYTHROCYTES, analysis/ FACTOR VIII, analysis/ *FACTOR VIII, biosynthesis/ FIBRINOGEN, analysis/ HEMOLYSIS/ HUMAN/ RATS

4105. **Iatridis SG, Iatridis PG, Markidou SG, et al:** Inhibition of human platelet aggregation by phospholipase-A. Thromb Res 9(4):335–44, Oct 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ COLLAGEN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EPINEPHRINE, pharmacodynamics/ HUMAN/ PHOSPHOLIPASE, administration & dosage/ PHOSPHOLIPASE, antagonists & inhibitors/ *PHOSPHOLIPASE, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ POLYURETHANES, pharmacodynamics/ SODIUM CHLORIDE/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4106. **Iatrou K, Dixon GH:** The distribution of poly(A)+ and poly(A)- protamine messenger RNA sequences in the developing trout testis. Cell 10(3):433–41, Mar 77
ANIMAL/ CELL DIFFERENTIATION/ CELL NUCLEUS, analysis/ CYTOPLASM, analysis/ DNA, biosynthesis/ MALE/ NUCLEIC ACID

HYBRIDIZATION/ *POLY A/ POLYRIBOSOMES, analysis/ *PROTAMINES, metabolism/ *RNA, MESSENGER, analysis/ *SALMONIDAE, metabolism/ *TESTIS, analysis/ TESTIS, cytology/ *TROUT, metabolism

4107. **Iazovoĭ FP, Minervina SS:** Izofermenty trypsynu pry deiakykh zakhvoriuvanniakh shlumkovo-kyshkovoho traktu u diteĭ. Pediatr Akush Ginekol (3):17–8, May–Jun 77 **(Ukr)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ ENZYME TESTS/ FEMALE/ *GASTROINTESTINAL DISEASES, diagnosis/ HUMAN/ *ISOENZYMES, metabolism/ MALE/ *TRYPSIN, metabolism

4108. **Ibañez IB, Porubcan MA, Markley JL:** Charge relay of serine proteinases: NMR studies of free and inhibited forms of trypsin and chymotrypsin. p. 398. In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
BINDING SITES/ *CHYMOTRYPSIN/ HISTIDINE, analysis/ HYDROGEN-ION CONCENTRATION/ MONOGRAPH/ NUCLEAR MAGNETIC RESONANCE/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4109. **Ibarra-Perez C, Arevalo-Toledo N, Alvarez-de la Cadena O, et al:** The course of pregnancy in patients with artificial heart valves. Am J Med 61(4):504–12, Oct 76
ABORTION, chemically induced/ ADULT/ DELIVERY/ FEMALE/ FETUS, drug effects/ FIBRINOLYTIC AGENTS, adverse effects/ FIBRINOLYTIC AGENTS, pharmacodynamics/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HUMAN/ INFANT, NEWBORN/ LABOR, drug effects/ MALE/ MITRAL VALVE, surgery/ PREGNANCY COMPLICATIONS, chemically induced/ *PREGNANCY/ PREGNANCY, drug effects/ PUERPERAL DISORDERS, chemically induced/ PUERPERIUM, drug effects/ RISK/ TERATOGENS

4110. **Ibuki F, Yamada M, Tashiro M, et al:** An improved method for the purification of eggplant trypsin inhibitor. J Nutr Sci Vitaminol (Tokyo) 23(2):133–43, 1977
AMINO ACIDS, analysis/ CHEMISTRY/ DIALYSIS/ MOLECULAR WEIGHT/ *PLANTS, analysis/ *TRYPSIN INHIBITORS, isolation & purification/ TRYPSIN INHIBITORS, pharmacodynamics

4111. **Ichikawa A, Kaneko H, Mori Y, et al:** Release of serotonin from mast cells induced by N-(2-ethylhexyl)-3-hydroxybutyramide and catecholamine. Biochem Pharmacol 26(3):197–202, 1 Feb 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ AMINES, pharmacodynamics/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *CATECHOLAMINES, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HEAT/ HISTAMINE LIBERATION, drug effects/ HYDROGEN-ION CONCENTRATION/ HYDROXYBUTYRATES, antagonists & inhibitors/ *HYDROXYBUTYRATES, pharmacodynamics/ IN VITRO/ LACTATE DEHYDROGENASE, metabolism/ MAST CELLS, cytology/ MAST CELLS, drug effects/ *MAST CELLS, metabolism/ RATS/ SARCOMA, MAST CELL, metabolism/ SARCOMA, MAST CELL, pathology/ *SEROTONIN, metabolism/, TIME FACTORS

4112. **Ichio II:** Glutathione reductase in the sea urchin egg. III. Activation of the complex form by proteinases. J Biochem (Tokyo) 81(3):673–80, Mar 77
ANIMAL/ BINDING SITES/ CHYMOTRYPSIN, pharmacodynamics/ ENZYME ACTIVATION/ ETHYLMALEIMIDE, pharmacodynamics/ FEMALE/ *GLUTATHIONE REDUCTASE/ GLUTATHIONE REDUCTASE, metabolism/ GLUTATHIONE REDUCTASE, isolation & purification/ GLUTATHIONE, pharmacodynamics/ KINETICS/ NADP, pharmacodynamics/ *OVUM, enzymology/ OXIDATION-REDUCTION/ *PEPTIDE HYDROLASES, pharmacodynamics/ SEA URCHINS/ SUBTILISINS, pharmacodynamics/ TRYPSIN, pharmacodynamics

4113. **Ieshkin AA:** O tromboemboliakh pri lechenii streptazoĭ. Klin Med (Mosk) 55(6):131–2, Jun 77 **(Rus)**
CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ *STREPTOKINASE, adverse effects/ *THROMBOEMBOLISM, chemically induced

4114. **Igarashi K, Kumagai H, Oguchi H, et al:** Effects of polyamines on the degradation of ribonucleic acids by polynucleotide phosphorylase of Micrococcus luteus. J Biochem (Tokyo) 81(2):389–94, Feb 77
BINDING SITES/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, pharmacodynamics/ MANGANESE, pharmacodynamics/ *MICROCOCCUS, enzymology/ POLY A, metabolism/ POLY C, metabolism/ POLY U, metabolism/ *POLYNUCLEOTIDE PHOSPHORYLASE, metabolism/ POTASSIUM, pharmacodynamics/ RNA, metabolism/ SACCHAROMYCES CEREVISIAE/ *SPERMIDINE, pharmacodynamics/ SPERMINE, metabolism

4115. **Igarashi K, Watanabe Y, Kumagai H, et al:** Studies on the restoration of the activities of Ribonucleases by polyamines in the presence of various ribonuclease inhibitors. J Biochem (Tokyo) 81(3):579–85, Mar 77
ANIMAL/ ASPERGILLUS ORYZAE, enzymology/ CATTLE/ ENZYME ACTIVATION, drug effects/ GUANYLORIBONUCLEASE, metabolism/ *HEPARIN, pharmacodynamics/ HORSES/ KINETICS/ *LIVER, physiology/ PANCREAS, enzymology/ *POLY G, pharmacodynamics/ *POLYRIBONUCLEOTIDES, pharmacodynamics/ PROTEIN BINDING/ *PUTRESCINE, pharmacodynamics/ RATS/ *RIBONUCLEASE, metabolism/ *SPERMIDINE, pharmacodynamics/ *SPERMINE, pharmacodynamics/ SUBMANDIBULAR GLAND, enzymology

4116. **Igarashi K, Watanabe Y, Matsumoto E, et al:** Responsibility of 16S RNA for the stimulation of polypeptide synthesis by spermidine. Biochem Biophys Res Commun 76(1):18–25, 9 May 77
BACILLUS THURINGIENSIS, metabolism/ CHYMOTRYPSIN, pharmacodynamics/ ESCHERICHIA COLI, metabolism/ MAGNESIUM, pharmacodynamics/ MOLECULAR WEIGHT/ *PEPTIDES, biosynthesis/ PHENYLALANINE, metabolism/ POTASSIUM, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ RIBOSOMAL PROTEINS, metabolism/ RNA, BACTERIAL, metabolism/ *RNA, RIBOSOMAL, metabolism/ *SPERMIDINE, pharmacodynamics

4117. **Igarashi M, Asada T:** Purification and physicochemical properties of antithrombin. (heparin cofacter) (author's transl)] Acta Haematol Jpn 40(2):202–6, Apr 77 (Eng. Abstr.) **(Jpn)**
*ALPHA GLOBULINS, isolation & purification/ CATTLE/ ENGLISH ABSTRACT/ *HEPARIN CO-FACTOR, isolation & purification/ HEPARIN CO-FACTOR, physiology

4118. **Iglesias J, Perez-Castro Ellendt F, Madduri SD, et al:** L'hémostase hydraulique dans la résection transurétrale de la prostate J Urol Nephrol (Paris) 83(3):169–74, Mar 77 (Eng. Abstr.) **(Fre)**
BLADDER, physiology/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ HEMORRHAGE, etiology/ HEMOSTASIS/ HUMAN/ IRRIGATION/ MALE/ PRESSURE/ PROSTATECTOMY, instrumentation/ *PROSTATECTOMY, methods/ SUCTION, methods/ URETHRA, surgery

4119. **Ignarro LJ:** Glucocorticosteroid inhibition of nonphagocytic discharge of lysosomal enzymes from human neutrophils. Arthritis Rheum 20(2):73–83, Jan–Feb 77
ALDOSTERONE, pharmacodynamics/ COMPARATIVE STUDY/ DESOXYCORTICOSTERONE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *GLUCOCORTICOIDS, SYNTHETIC, pharmacodynamics/ *GLUCURONIDASE,

antagonists & inhibitors/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ IMMUNE ADHERENCE REACTION/ *LYSOSOMES, enzymology/ METHYLPREDNISOLONE, pharmacodynamics/ MINERALOCORTICOIDS, SYNTHETIC, pharmacodynamics/ *NEUTROPHILS, enzymology/ PARAMETHASONE, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PHAGOCYTOSIS, drug effects/ TRIAMCINOLONE ACETONIDE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4120. **Ihász M, Réfi M, Kiss L:** Komplikationen der Vagotomie während der Operation und im frühen postoperativen Stadium Langenbecks Arch Chir 341(2):127–34, 23 Jul 76 (Eng. Abstr.) **(Ger)**
DIAPHRAGM, surgery/ ENGLISH ABSTRACT/ HUMAN/ INTESTINAL OBSTRUCTION, etiology/ LUNG ABSCESS, etiology/ PLEURISY, etiology/ PNEUMONIA, etiology/ PULMONARY EMBOLISM, etiology/ TIME FACTORS/ *VAGOTOMY, adverse effects

4121. **Ihse I, Lilja P, Lundquist I:** Feedback regulation of pancreatic enzyme secretion by intestinal trypsin in man. Digestion 15(4):303–8, 1977
AGED/ AMYLASE, secretion/ BILE DUCTS, enzymology/ CASE REPORT/ DUODENAL NEOPLASMS, secretion/ FEEDBACK/ HUMAN/ LIPASE, secretion/ MALE/ PANCREAS, enzymology/ *PANCREAS, secretion/ *PANCREATIC JUICE, secretion/ SECRETORY RATE, drug effects/ TIME FACTORS/ TRYPSIN INHIBITORS, pharmacodynamics/ *TRYPSIN, pharmacodynamics

4122. **Iijima H, Patrzyc H, Bello J:** Modification of amino acids and bovine pancreatic ribonuclease A by kethoxal. Biochim Biophys Acta 491(1):305–16, 28 Mar 77
*ALDEHYDES/ *AMINO ACIDS/ ARGININE, analogs & derivatives/ BINDING SITES/ BUTANONES/ CATTLE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LYSINE, analogs & derivatives/ *PANCREAS, enzymology/ PEPTIDE FRAGMENTS, analysis/ PEPTIDES/ PROTEIN BINDING/ *RIBONUCLEASE/ RIBONUCLEASE, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN

4123. **Iio A, Strober W, Broder S, et al:** The metabolism of IgE in patients with immunodeficiency states and neoplastic conditions. J Clin Invest 59(5):743–55, May 77
ADOLESCENCE/ ADULT/ AGAMMAGLOBULINEMIA, blood/ AGED/ ALDRICH SYNDROME, blood/ ATAXIA TELANGIECTASIA, blood/ CHILD/ CHILD, PRESCHOOL/ DYSGAMMAGLOBULINEMIA, blood/ FEMALE/ HODGKIN'S DISEASE, immunology/ HUMAN/ HYPOPROTEINEMIA, immunology/ IGA/ *IGE, metabolism/ IGG/ IMMUNOGLOBULINS, metabolism/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, blood/ INFANT/ LEUKEMIA, LYMPHOCYTIC, immunology/ MACROGLOBULINEMIA, blood/ MALE/ MIDDLE AGE/ MULTIPLE MYELOMA, blood/ *NEOPLASMS, immunology/ PARAPROTEINEMIAS/ PROTEIN-LOSING ENTEROPATHIES, immunology/ THYMOMA, immunology/ THYMUS NEOPLASMS, immunology

4124. **Ikeda Y, Steiner M:** Isolation of platelet microtubule protein by an immunosorptive method. J Biol Chem 251(19):6135–41, 10 Oct 76
BINDING SITES/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, ultrastructure/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ *GLYCOPROTEINS, blood/ HUMAN/ MACROMOLECULAR SYSTEMS/ MICROSCOPY, ELECTRON/ *MICROTUBULES, analysis/ MICROTUBULES, ultrastructure/ MOLECULAR WEIGHT/ PROTEIN BINDING/ PROTEIN CONFORMATION/ TRITONS/ *TUBULIN, blood/ TUBULIN, immunology/ TUBULIN, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4125. **Ikeda Y, Okamura K, Fujii S:** Purification and characterization of rat liver microsomal monoacylglycerol lipase in comparison to the other esterases. Biochim Biophys Acta 488(1):128–39, 20 Jul 77
ANIMAL/ COMPARATIVE STUDY/ *ESTERASES/ ESTERASES, isolation & purification/ ESTERASES, metabolism/ GLYCERIDES/ HEPARIN, pharmacodynamics/ KINETICS/ *LIPASE/ LIPASE, isolation & purification/ LIPASE, metabolism/ MALE/ *MICROSOMES, LIVER, enzymology/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP

4126. **Ikeda Y:** The study of platelet microtubule assembly. Keio J Med 25(4):139–50, Dec 76
BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, ultrastructure/ HUMAN/ IN VITRO/ *MICROTUBULES, ultrastructure/ TUBULIN, metabolism

4127. **Ikezaki M, Imanishi H, Nishigaki I, et al:** [Menetrier's disease: protein-losing gastropathy and antiplasmin therapy (author's transl)] Jpn J Gastroenterol 73(6):692–6, Jun 76 **(Jpn)**
ADULT/ AGED/ CASE REPORT/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ *FIBRINOLYSIN, antagonists & inhibitors/ GASTRITIS, complications/ HUMAN/ MALE/ *PROTEIN-LOSING ENTEROPATHIES, drug therapy/ *TRANEXAMIC ACID, therapeutic use

4128. **Il'enko EP:** Pokazateli gemokoaguliatsii pri ostrom pielonefrite Urol Nefrol (Mosk) (1):14–6, Jan–Feb 77 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY PAPILLARY NECROSIS, blood/ MALE

4129. **Il'in AA:** Nekotorye kriterii aktivnosti gemorragicheskogo vaskulita u detei Vopr Okhr Materin Det 21(4):30–3, Apr 76 (Eng. Abstr.) **(Rus)**
AUTONOMIC NERVOUS SYSTEM, physiopathology/ CAPILLARIES, physiopathology/ CHILD/ ENGLISH ABSTRACT/ HUMAN/ *PURPURA/ PURPURA, diagnosis/ PURPURA, physiopathology/ SKIN, blood supply/ SKIN, innervation

4130. **Illig L:** Purpura, Einteilung, Klinik und Atiopathogenese aus der Sicht des Dermatologen Folge 1: Einleitung, Eintelung und Kurzbesprechung der hämorrhagischen Diathesen Fortschr Med 94(19):1108–16, 1145–7, 1 Jul 76 **(Ger)**
ADULT/ AGED/ COUMARINS, adverse effects/ FEMALE/ HEMORRHAGIC DIATHESIS, chemically induced/ HEMORRHAGIC DIATHESIS, complications/ *HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ MIDDLE AGE/ NECROSIS/ *PURPURA, classification/ PURPURA, diagnosis/ PURPURA, etiology/ SEX FACTORS

4131. **Illig L:** Purpura: Einteilung, Klinik und Atiopathogenese aus der Sicht des Dermatologen. Folge 3: Dermatologisch relevante Purpura-Formen, Teil 2 Fortschr Med 94(26):1379–90, 16 Sep 76 **(Ger)**
ADRENAL CORTEX HORMONES, adverse effects/ AGED/ AUTOIMMUNE DISEASES/ BLOOD PLATELET DISORDERS, complications/ CARBROMAL, adverse effects/ CHILD/ DERMATITIS MEDICAMENTOSA, etiology/ DERMATITIS, CONTACT, etiology/ DIAGNOSIS, DIFFERENTIAL/ DUST/ ENVIRONMENTAL EXPOSURE/ ERYTHROCYTES, immunology/ FEMALE/ HUMAN/ HYPERSENSITIVITY, DELAYED, complications/ MALE/ PROGNOSIS/ *PURPURA/ PURPURA, diagnosis/ PURPURA, etiology/ PURPURA, pathology/ *SKIN DISEASES/ SKIN, pathology/ SYNDROME/ TEXTILES

4132. **Illig L:** Purpura. Einteilung, Klinik und Atiopathogenese aus der Sicht des Dermatologen Folge 4: Sekundäre (symptomatische) Purpura der Haut, dermatologische Relevanz, wichtige Grundkrankheiten Fortschr Med 94(28):1512–24, 7 Oct 76 (Eng. Abstr.) **(Ger)**
AGED/ BLOOD PROTEIN DISORDERS,

complications/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ CRYOGLOBULINS/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MENINGOCOCCAL INFECTIONS, complications/ PARAPROTEINEMIAS, complications/ PLASMACYTOMA, complications/ PRURITUS, etiology/ *PURPURA/ PURPURA, etiology/ PURPURA, diagnosis/ PURPURA, HYPERGLOBULINEMIC, complications

4133. **Imanaga H, Osugi T, Kagawa M, et al:** [Fibrinolytic activity of cerebrospinal fluid in subarachnoid hemorrhage (author's transl)] Neurol Surg (Tokyo) 5(1):51–8, Jan 77 (Eng. Abstr.) **(Jpn)**
CEREBRAL ANEURYSM, cerebrospinal fluid/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ *SUBARACHNOID HEMORRHAGE, cerebrospinal fluid/ SUBARACHNOID HEMORRHAGE, therapy

4134. **Imanari T, Wilcox GM, Pisano JJ:** Sensitive radiochemical esterolytic assays for urokinase. Clin Chim Acta 71(2):267–76, 6 Sep 76
ADULT/ ALCOHOL, METHYL, analysis/ COMPARATIVE STUDY/ DIPEPTIDES, metabolism/ FEMALE/ FIBRIN, metabolism/ FIBRINOLYSIN, metabolism/ GLYCINE, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LYSINE, metabolism/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ TEMPERATURE/ TOSYLARGININE METHYL ESTER, metabolism/ TRITIUM/ *UROKINASE, analysis/ UROKINASE, urine

4135. **Imaoka S, Inoshita K:** [Platelet aggregation and its morphological change induced by concanavalin A and collagen (author's transl)] Acta Haematol Jpn 39(5):623–32, Oct 76 (Eng. Abstr.) **(Jpn)**
*BLOOD PLATELETS, ultrastructure/ *COLLAGEN, pharmacodynamics/ *CONCANAVALIN A, pharmacodynamics/ ENGLISH ABSTRACT/ *PLATELET AGGREGATION, drug effects

4136. **Imler M, Schlienger JL, Brandt C:** Variations de l'ammoniémie et du comportement chez le rat après occlusion de la veine porte Biol Gastroenterol (Paris) 9(2):109–19, Apr–May 76 (Eng. Abstr.) **(Fre)**
*AMMONIA, blood/ ANIMAL/ BEHAVIOR, ANIMAL/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ *EXPLORATORY BEHAVIOR/ *HYPERTENSION, PORTAL/ HYPERTENSION, PORTAL, blood/ MALE/ *MOTOR ACTIVITY/ *PORTAL VEIN/ RATS/ *THROMBOSIS, blood

4137. **Imoto T, Fukuda K, Yagishita K:** A study of the native-denatured (N in equilibrium with D) transition in lysozyme. II. Kinetic analysis of protease digestion. J Biochem (Tokyo) 80(6):1313–8, Dec 76
ACETYLATION/ CHYMOTRYPSIN/ KINETICS/ *MURAMIDASE/ *PEPTIDE HYDROLASES/ PRONASE/ PROTEIN CONFORMATION/ *PROTEIN DENATURATION/ SUBTILISINS

4138. **Imre S, Kesztyüs L:** Die Wirkung von Leukeran auf das lokale Shwartzman-Phänomen. Allerg Immunol (Leipz) 22(4):375–7, 1976 (Eng. Abstr.) **(Ger)**
ANIMAL/ CHLORAMBUCIL, administration & dosage/ CHLORAMBUCIL, pharmacodynamics/ *CHLORAMBUCIL, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ IMMUNOSUPPRESSION/ INJECTIONS, INTRAVENOUS/ LEUKOCYTE COUNT/ LYMPHOCYTES, drug effects/ MALE/ RABBITS/ *SHWARTZMAN PHENOMENON, drug therapy

4139. **Imrie AH, Raper CG:** Severe intravascular coagulation preceding severe pre-eclampsia. Br J Obstet Gynaecol 84(1):71–2, Jan 77
ADULT/ CESAREAN SECTION/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ HUMAN/ *PRE-ECLAMPSIA, complications/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ *PREGNANCY TOXEMIAS, complications/ PREGNANCY

4140. **Imshenetskiĭ AA, Kasatkina ID, Solntseva LI, et al:** Primenenie metoda kul'tury tkani dlia opredeleniia toksichnosti fibrinoliticheskikh preparatov. Izv Akad Nauk SSSR [Biol] (4):602–5, Jul–Aug 77 (Eng. Abstr.) **(Rus)**
COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS, toxicity/ *L CELLS/ MICE

4141. **Inaba M, Kamata K:** Catecholamine binding macromolecule in soluble fraction of rat brain. Jpn J Pharmacol 27(2):213–25, Apr 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ BINDING SITES/ BINDING, COMPETITIVE/ *BRAIN CHEMISTRY/ CYTOSOL, metabolism/ DIBENAMINE, pharmacodynamics/ DICHLOROISOPROTERENOL, pharmacodynamics/ FRACTIONATION/ HEAT/ MALE/ MOLECULAR WEIGHT/ *NERVE TISSUE PROTEINS, isolation & purification/ *NOREPINEPHRINE, metabolism/ PROTEIN BINDING, drug effects/ RATS/ RECEPTORS, CYCLIC AMP, isolation & purification/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN, pharmacodynamics

4142. **Inada Y, Hirose S, Matsushima A, et al:** Fibrin membrane endowed with biological function. III. Fixing living cells in fibrin gel without impairing their functions. Experientia 33(9):1257–8, 15 Sep 77
ANIMAL/ CHLORELLA, physiology/ *CYTOLOGICAL TECHNICS/ *FIBRIN/ *FIXATIVES/ GELS/ MICROMANIPULATION, methods/ MOVEMENT/ PARAMECIUM, physiology/ PHOTOSYNTHESIS/ SEA URCHINS, embryology

4143. **Inagaki J:** Experimental study on role of lysosomes in cancer chemotherapy. Nagoya J Med Sci 39(3–4):43–58, Mar 77
ANIMAL/ CELL MEMBRANE, drug effects/ DEOXYRIBONUCLEASE, metabolism/ GLUCURONIDASE, metabolism/ IN VITRO/ LIPOPROTEIN LIPASE, pharmacodynamics/ LYSOSOMES, drug effects/ *LYSOSOMES, enzymology/ MITOMYCIN, pharmacodynamics/ MURAMIDASE, metabolism/ NEOPLASMS, EXPERIMENTAL, drug therapy/ *NEOPLASMS, EXPERIMENTAL, enzymology/ RATS

4144. **Indirani N, Hill PG:** Partial purification and some properties of gamma-glutamyl transpeptidase from human bile. Biochim Biophys Acta 483(1):57–62, 8 Jul 77
AMINO ACIDS, metabolism/ ANILIDES, metabolism/ *BILE, enzymology/ CATIONS, DIVALENT, pharmacodynamics/ CATIONS, MONOVALENT, pharmacodynamics/ DIPEPTIDES, metabolism/ GLUTAMATES, metabolism/ GLUTAMYL TRANSPEPTIDASE, isolation & purification/ *GLUTAMYL TRANSPEPTIDASE, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PROTAMINES

4145. **Indo K, Wilson RB:** Fetal rat keratinizing epidermal cells in culture: effects of long-term treatment by benzo[a]pyrene on their growth characteristics. J Natl Cancer Inst 59(3):867–80, Sep 77
ANIMAL/ *BENZOPYRENES, pharmacodynamics/ CELL DIFFERENTIATION, drug effects/ CELL DIVISION, drug effects/ CELL SEPARATION, methods/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ *KERATIN, biosynthesis/ MITOSIS/ RATS/ *SKIN, cytology/ SKIN, drug effects/ SKIN, metabolism/ TEMPERATURE/ TISSUE CULTURE/ TRANSPLANTATION, ALLOGENEIC/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4146. **Ingberman IaKh, Krivoruchko TD, Kheĭfets RA:** Paradoksal' naia emboliia. Klin Med (Mosk) 55(5):130–3, May 77 **(Rus)**
ADULT/ AGED/ CASE REPORT/ CEREBRAL EMBOLISM AND THROMBOSIS/ FEMALE/ HUMAN/ MIDDLE AGE/ PULMONARY EMBOLISM/ *THROMBOEMBOLISM

4147. **Ingle JN, Tormey DC, Bull JM, et al:** Bone marrow involvement in breast cancer: effect on response and tolerance to combination chemotherapy. Cancer 39(1):104–11, Jan 77

ADRIAMYCIN, therapeutic use/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BONE MARROW DISEASES, complications/ BREAST NEOPLASMS, blood/ *BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, pathology/ CYCLOPHOSPHAMIDE, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ FLUOROURACIL, therapeutic use/ HUMAN/ METHOTREXATE, therapeutic use/ MIDDLE AGE/ NEOPLASM METASTASIS/ REMISSION

4148. **Ingram GI, Hills M:** Reference method for the one-stage prothrombin time test on hlman blood. International committee for standardization in hematology. Thromb Haemostas 36(1):237–8, 31 Aug 76
HEMATOLOGY, standards/ INTERNATIONAL AGENCIES/ *PROTHROMBIN TIME, methods

4149. **Ingram GI, Hills M:** The prothrombin time test: effect of varying citrate concentration. Thromb Haemostas 36(1):230–6, 31 Aug 76
ANTICOAGULANTS/ *CITRATES, pharmacodynamics/ HEMATOCRIT/ HUMAN/ *PROTHROMBIN TIME

4150. **Ingram GI, Jones RV, Hershgold EJ, et al:** Factor-VIII activity and antigen, platelet count and biochemical changes after adrenoceptor stimulation. Br J Haematol 35(1):81–100, Jan 77
ADULT/ ALBUTEROL, pharmacodynamics/ ANTIGENS, analysis/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ BLOOD PRESSURE, drug effects/ EPINEPHRINE, pharmacodynamics/ *FACTOR VIII, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ ISOPROTERENOL, pharmacodynamics/ LACTATES, blood/ MALE/ POTASSIUM, blood/ PULSE, drug effects/ PYRUVATES, blood/ *SYMPATHOMIMETICS, pharmacodynamics

4151. **Ingram GI:** Home treatment in Great Britain. Scand J Haematol (30):76, 1977
GREAT BRITAIN/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN

4152. **Innocenti G, Dall'Acqua F, Guiotto A, et al:** Investigation on skin-photosensitizing activity of various kinds of Psoralea. Planta Med 31(2):151–5, Feb 77
*COUMARINS, adverse effects/ *FICUSIN, adverse effects/ HERBS/ HUMAN/ *PHOTOSENSITIZATION, chemically induced/ PLANT EXTRACTS

4153. **Inoki R, Kudo T, Hayashi T:** [Analgesics and the kallikrein-kinin system] Folia Pharmacol Jpn 72(5):519–30, Jul 76 (Eng. Abstr.) **(Jpn)**
*AMINOPYRINE, pharmacodynamics/ ANIMAL/ *ASPIRIN, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ HUMAN/ *KALLIKREIN, antagonists & inhibitors/ KALLIKREIN, analysis/ *KININS, antagonists & inhibitors/ KININS, analysis/ MALE/ MICE/ *MORPHINE, pharmacodynamics/ RATS/ UTERINE CONTRACTION, drug effects

4154. **Inoue M, Koga T, Morioka T:** [Scanning electron microscope study on the removal of artificial dental plaque treated with a bacteriolytic enzyme from Streptomyces globisporus—its synergistic effects with dextranase and lysozyme (author's transl)] J Dent Health (Tokyo) 24(4):315–21, Dec 74 (Eng. Abstr.) **(Jpn)**
DENTAL PLAQUE, drug effects/ *DENTAL PLAQUE, drug therapy/ *DEXTRANASE, therapeutic use/ DRUG SYNERGISM/ DNA, pharmacodynamics/ ENGLISH ABSTRACT/ MICROSCOPY, ELECTRON, SCANNING/ *MURAMIDASE, therapeutic use/ *STREPTOMYCES, enzymology/ TRYPSIN, pharmacodynamics

4155. **Ionescu MI, Tandon AP, Mary DA, et al:** Heart valve replacement with the Ionescu-Shiley pericardial xenograft. J Thorac Cardiovasc Surg 73(1):31–42, Jan 77
ADOLESCENCE/ ADULT/ AGED/ ANIMAL/ AORTIC VALVE, surgery/ CATTLE/ CHILD/ ENDOCARDITIS, BACTERIAL, etiology/ FEMALE/ HEART MURMURS/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, mortality/ HEMODYNAMICS/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE, surgery/ *PERICARDIUM, transplantation/ POSTOPERATIVE COMPLICATIONS/ THROMBOEMBOLISM, etiology/ *TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HETEROLOGOUS, mortality/ TRICUSPID VALVE, surgery

4156. **Iordan AG, Belozerskiĭ MA:** Svoistva i substratnaia spetsifichnost' proteinazy iz semian grechikhi Biokhimiia 41(4):673–8, Apr 76 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *GRAIN, enzymology/ MOLECULAR WEIGHT/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PLANT PROTEINS, metabolism/ SEEDS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFHYDRYL COMPOUNDS, metabolism

4157. **Iravani J, Melville GN, Veh RW:** Protease-induced constriction in rats' bronchi. Respiration 34(1):39–44, 1977
AIRWAY RESISTANCE, drug effects/ ANIMAL/ ATROPINE, pharmacodynamics/ *BRONCHI, drug effects/ BRONCHIAL DISEASES, etiology/ CHYMOTRYPSIN, pharmacodynamics/ CONSTRICTION, PATHOLOGIC/ FEMALE/ FICIN, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LUNG, physiopathology/ *PEPTIDE HYDROLASES, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ RATS/ TRYPSIN, pharmacodynamics

4158. **Irving CC:** Biochemically detectable tumor markers in urine of bladder cancer patients. Cancer Res 37(8 Pt 2):2872–4, Aug 77
AMINOISOBUTYRIC ACID, urine/ BLADDER NEOPLASMS, metabolism/ *BLADDER NEOPLASMS, urine/ FIBRINOGEN, metabolism/ FIBRINOGEN, urine/ GUANOSINE, analogs & derivatives/ GUANOSINE, urine/ HUMAN/ INOSINE, analogs & derivatives/ INOSINE, urine/ POLYAMINES, urine/ PSEUDOURIDINE, urine/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4159. **Irwin JF:** Factor VIII in von Willebrand' disease. Semin Thromb Hemostas 2(2):85–104, Oct 75 (125 ref.)
ANTIBODIES, analysis/ ANTIGENS, analysis/ *FACTOR VIII, analysis/ FACTOR VIII, immunology/ FACTOR VIII, therapeutic use/ HUMAN/ NEUTRALIZATION TESTS/ PLATELET AGGREGATION/ REVIEW/ RISTOCETIN, pharmacodynamics/ SERUM ALBUMIN, metabolism/ VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, familial & genetic/ VON WILLEBRAND'S DISEASE, therapy

4160. **Isaacs ST, Shen CK, Hearst JE, et al:** Synthesis and characterization of new psoralen derivatives with superior photoreactivity with DNA and RNA. Biochemistry 16(6):1058–64, 22 Mar 77
BINDING SITES/ *COUMARINS, chemical synthesis/ DARKNESS/ *DNA/ DNA, radiation effects/ FICUSIN, analogs & derivatives/ *FICUSIN, chemical synthesis/ KINETICS/ LIGHT/ MATHEMATICS/ MICROSCOPY, ELECTRON/ PHOTOCHEMISTRY/ *RNA/ RNA, radiation effects/ STRUCTURE-ACTIVITY RELATIONSHIP/ ULTRAVIOLET RAYS

4161. **Ishiguro S, Kimura A, Munemoto S, et al:** [Aneurysmal bone cyst of the frontal bone (author's transl)] Neurol Surg (Tokyo) 5(5):453–6, May 77 (Eng. Abstr.) **(Jpn)**
BONE CYST, pathology/ *BONE CYST, radiography/ BONE CYST, surgery/ CASE REPORT/ CEREBRAL ANGIOGRAPHY/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *FRONTAL BONE/ GIANT CELL TUMORS, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ MALE

4162. **Ishii T, Koide O, Hosoda Y, et al:** Hypereosinophilic multiple thrombosis. A proposal of a new designation of

disseminated eosinophilic 'collagen disease'. Angiology 28(6):361–75, Jun 77
ADULT/ AUTOPSY/ BONE MARROW, pathology/ BRAIN, pathology/ CASE REPORT/ COLLAGEN DISEASES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *EOSINOPHILIA, complications/ HUMAN/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ MALE/ MYOCARDIUM, pathology/ NOMENCLATURE/ SKIN, pathology/ SPLEEN, pathology/ THROMBOPHLEBITIS, diagnosis/ *THROMBOSIS, diagnosis/ THROMBOSIS, pathology

4163. **Ishikawa T, Watanabe Y, Morisawa N, et al:** [Clinical evaluation of KPC by the double blind test against infection and postoperative inflammation in oral surgery (author's transl)] Jpn J Oral Surg 22(1):110–30, 76 **(Jpn)**
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CLINICAL RESEARCH/ DRUG COMBINATIONS/ DRUG EVALUATION/ FEMALE/ HUMAN/ INFLAMMATION, drug therapy/ MALE/ MIDDLE AGE/ *MOUTH, surgery/ *PEPTIDE HYDROLASES, therapeutic use/ PLACEBOS/ POSTOPERATIVE COMPLICATIONS, drug therapy/ *PRONASE, therapeutic use/ TYROSINE

4164. **Ishikawa TT, Brazier JB, Steiner PM, et al:** A study of the heparin–manganese chloride method for determination of plasma alpha-lipoprotein cholesterol concentration. Lipids 11(8):628–33, Aug 76
*CHOLESTEROL, blood/ ELECTROPHORESIS, AGAR GEL, methods/ FASTING/ HEPARIN/ HUMAN/ *LIPOPROTEINS, HDL, blood/ MANGANESE/ PRECIPITATION/ ULTRACENTRIFUGATION, methods/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4165. **Iskierko J, Zarnowski J, Kanadys B:** Proteoliza preparatów ludzkiej gamma globuliny. Med Dosw Mikrobiol 29(2):153–8, 1977 (Eng. Abstr.) **(Pol)**
AMINO ACIDS, metabolism/ ENGLISH ABSTRACT/ FEMALE/ *GAMMA GLOBULINS, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES, metabolism/ PLACENTA/ PRESERVATION, BIOLOGICAL/ TIME FACTORS

4166. **Islam MS, Zimmermann I, Ulmer WT:** Relationship between pulmonary embolism, airway obstruction and hypersensitivity of the airways in dogs: influence of partial vagus nerve blockade. Respiration 34(2):105–12, 1977
ACETYLCHOLINE, adverse effects/ *AIRWAY OBSTRUCTION, physiopathology/ AIRWAY RESISTANCE, drug effects/ ANIMAL/ BLOOD GAS ANALYSIS/ DOGS/ DRUG HYPERSENSITIVITY, physiopathology/ FEMALE/ HEMODYNAMICS, drug effects/ MALE/ PROCAINE, administration & dosage/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, physiopathology/ RESPIRATORY FUNCTION TESTS/ *RESPIRATORY HYPERSENSITIVITY, physiopathology/ *VAGUS NERVE, drug effects/ VAGUS NERVE, physiopathology

4167. **Islam MS, Ulmer WT:** Mechanism of increased tracheo-bronchial response to inhalative acetylcholine aerosol in pulmonary vascular congestion and unilateral pulmonary artery occlusion. Res Exp Med (Berl) 170(3):229–39, 18 Jul 77
ACETYLCHOLINE, administration & dosage/ *ACETYLCHOLINE, pharmacodynamics/ AEROSOLS/ ANIMAL/ *ARTERIAL OCCLUSIVE DISEASES, physiopathology/ BLOOD PRESSURE/ BRONCHI, drug effects/ BRONCHI, physiopathology/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ MALE/ PULMONARY ARTERY/ *PULMONARY EMBOLISM, physiopathology/ *RESPIRATION, drug effects/ RESPIRATORY AIRFLOW, drug effects/ TIDAL VOLUME/ TRACHEA, drug effects/ TRACHEA, physiopathology

4168. **Isler O:** Progress in the field of fat-soluble vitamins and carotenoids. Experientia 33(5):555–73, 15 May 77 (50 ref.)
ANIMAL/ *CAROTENOIDS/ CAROTENOIDS, physiology/ ISOMERASES, metabolism/ ISOMERISM/ MOLECULAR CONFORMATION/ OPTICAL ROTATION/ OXIDOREDUCTASES, metabolism/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP/ VISION/ *VITAMIN A/ VITAMIN A, physiology/ *VITAMIN D/ *VITAMIN E/ VITAMIN E, physiology/ *VITAMIN K/ VITAMIN K, physiology

4169. **Isobe T, Black LW, Tsugita A:** Protein cleavage during virus assembly: a novel specificity of assembly dependent cleavage in bacteriophage T4.
Proc Natl Acad Sci USA 73(11):4205–9, Nov 76
AMINO ACID SEQUENCE/ COLIPHAGES, enzymology/ *COLIPHAGES, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PROTEIN PRECURSORS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VIRAL PROTEINS, metabolism/ *VIRUS REPLICATION

4170. **Isom OW, Glassman SE, Teiko P, et al:** Long-term results in 1375 patients undergoing valve replacement with the Starr–Edwards cloth-covered steel ball prosthesis.
Ann Surg 186(3):310–23, Sep 77
AORTIC VALVE, surgery/ ENDOCARDITIS, etiology/ EVALUATION STUDIES/ FEMALE/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, instrumentation/ HEART VALVE PROSTHESIS, mortality/ HEMOLYSIS/ HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE, surgery/ THROMBOEMBOLISM, etiology

4171. **Ispolatovskaia MV, Reshetnikova LN:** Sovremennye dannye o molekuliarnoĭ strukture Cl. botulinum tipov E i F Zh Mikrobiol Epidemiol Immunobiol (12):22–8, 1976 **(Rus)**
ANTIGENS, BACTERIAL/ *BOTULINUM TOXIN/ BOTULINUM TOXIN, isolation & purification/ CATALYSIS/ CHEMISTRY/ COMPARATIVE STUDY/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ SPECIES SPECIFICITY/ USSR

4172. **Istranov LP, Shekhter AB, Belova LA:** Elektronno-mikroskopicheskie issledovaniia fibrill fermentorastvorennogo kollagena Biofizika 21(3):577–9, May–Jun 76 (Eng. Abstr.) **(Rus)**
ASPERGILLUS, enzymology/ *COLLAGEN/ ENGLISH ABSTRACT/ MICROSCOPY, ELECTRON/ PEPTIDE PEPTIDOHYDROLASES

4173. **Istranov LP, Serbinova TA, Vasil'ev PS, et al:** Dispersiia opticheskog vrashcheniia i krugovoĭ dikhroizm fermento- i shchelochnorastvorennogo kollagena Biofizika 21(4):624–8, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
ASPERGILLUS, enzymology/ CIRCULAR DICHROISM/ *COLLAGEN, analysis/ ENGLISH ABSTRACT/ OPTICAL ROTATORY DISPERSION/ PEPTIDE PEPTIDOHYDROLASES/ PROTEIN CONFORMATION/ SODIUM HYDROXIDE/ SOLUTIONS/ SULFATES

4174. **István S, Adám K:** A szájüregi haemangiomák kezelése krioterápiával Fogorv Sz 70(1):4–6, Jan 77 **(Hun)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ CASE REPORT/ CHILD, PRESCHOOL/ *CRYOTHERAPY/ FEMALE/ *HEMANGIOMA, therapy/ HUMAN/ INFANT/ *LIP NEOPLASMS, therapy/ MALE/ MIDDLE AGE

4175. **Ito A, Naganeo K, Mori Y, et al:** PZ-peptidase activity in human uterine cervix in pregnancy at term.
Clin Chim Acta 78(2):267–70, 15 Jul 77
*CERVIX UTERI, enzymology/ CYTOSOL, enzymology/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *PEPTIDE HYDROLASES, metabolism/ *PREGNANCY/ TIME FACTORS

4176. **Ito A, Kuwahara T, Mitsunari Y, et al:** Distribution of hepatic sulfite oxidase among subcellular organelles and its intraorganelle localization. J Biochem (Tokyo) 81(5):1531–41, May 77
ANIMAL/ CYTOCHROME REDUCTASES/

DEOXYCHOLIC ACID, pharmacodynamics/ GEL DIFFUSION TESTS/ KINETICS/ *LIVER, enzymology/ MALE/ MICROSOMES, LIVER, enzymology/ *OXIDOREDUCTASES, metabolism/ RATS/ SUBCELLULAR FRACTIONS, enzymology/ SULFITES/ TRYPSIN, pharmacodynamics

4177. **Ito J, Takahashi M, Saito A, et al:** [Cavernous hemangioma of the middle cranial fossa with an angiographically demonstrated feeding artery and tumor stain] Jpn J Clin Radiol 22(3):339–44, Mar 77 **(Jpn)**
CASE REPORT/ *CEREBRAL ANGIOGRAPHY/ FEMALE/ HEMANGIOMA, CAVERNOUS, blood supply/ *HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ MIDDLE AGE/ SKULL NEOPLASMS, blood supply/ *SKULL NEOPLASMS, radiography

4178. **Ito K, Kobayashi S, Tonami N, et al:** [In vivo distribution of proteinase inhibitor, 99mTc-trasylol in mice bearing Ehrlich tumor] Jpn J Nucl Med 13(4):459–67, Aug 76 (Eng. Abstr.) **(Jpn)**
ANIMAL/ *CARCINOMA, EHRLICH TUMOR, metabolism/ ENGLISH ABSTRACT/ *KALLIKREIN-TRYPSIN INACTIVATOR, metabolism/ MICE/ TECHNETIUM, diagnostic use

4179. **Ito K, Kobayashi S, Hisada K, et al:** [Study on tumor affinity of technetium-99m-labeled radiopharmaceuticals. (1) 99mTc-pertechnetate, 99mTc-human serum albumin, and 99mTc-trasylol] Radioisotopes (Tokyo) 25(10):614–21, Oct 76 (Eng. Abstr.) **(Jpn)**
ANIMAL/ AUTORADIOGRAPHY/ *CARCINOMA, EHRLICH TUMOR, metabolism/ CARCINOMA, EHRLICH TUMOR, urine/ ENGLISH ABSTRACT/ KALLIKREIN-TRYPSIN INACTIVATOR, metabolism/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ MICE/ RADIONUCLIDE IMAGING/ RATS/ *SARCOMA, YOSHIDA, metabolism/ SARCOMA, YOSHIDA, urine/ SERUM ALBUMIN, metabolism/ *TECHNETIUM, metabolism

4180. **Ito K, Kobayashi S, Hisada K, et al:** [Tumor affinity of 99mTc-labeled radiopharmaceuticals, 99mTc-Sn-urokinase and 99mTc-Sn-mannitol] Radioisotopes (Tokyo) 26(1):6–12, Jan 77 (Eng. Abstr.) **(Jpn)**
*CARCINOMA, EHRLICH TUMOR, metabolism/ ENGLISH ABSTRACT/ *MANNITOL, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ TECHNETIUM, administration & dosage/ TECHNETIUM, analysis/ *TECHNETIUM, metabolism/ TIME FACTORS/ *UROKINASE, metabolism

4181. **Ito M:** [Hemophilia: pathophysiology, diagnosis and treatment (author's transl)] J Jpn Soc Intern Med 65(6):543–59, 10 Jun 76 (94 ref.) **(Jpn)**
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS/ ANTIGENS/ CHEMISTRY/ CHRISTMAS DISEASE, immunology/ FACTOR IX, immunology/ FACTOR IX, isolation & purification/ *FACTOR VIII/ FACTOR VIII, immunology/ FACTOR VIII, isolation & purification/ FACTOR VIII, physiology/ *HEMOPHILIA/ HEMOPHILIA, diagnosis/ HEMOPHILIA, immunology/ HEMOPHILIA, therapy/ HUMAN/ IMMUNE SERUMS/ MALE/ MIDDLE AGE/ REVIEW

4182. **Ito S:** [Recent advances in hemophilia research] Jpn J Clin Hematol 17(6):580–9, Jun 76 (27 ref.) **(Jpn)**
ANTIGENS, analysis/ CHRISTMAS DISEASE, blood/ DRUG THERAPY, adverse effects/ FACTOR IX, immunology/ FACTOR IX, isolation & purification/ FACTOR VII, immunology/ FACTOR VII, isolation & purification/ *HEMOPHILIA/ HEMOPHILIA, blood/ HEMOPHILIA, diagnosis/ HEMOPHILIA, therapy/ HUMAN/ MALE/ REVIEW

4183. **Ito T, Soga K, Maekawa N, et al:** [A case of large hemangioma in the area of the lower lip and the chin. I. Resection of the tumor and immediate reconstruction (author's transl)] Jpn J Oral Surg 22(1):30–5, 76 **(Jpn)**
ADOLESCENCE/ CASE REPORT/ *HEMANGIOMA, surgery/ HUMAN/ *LIP NEOPLASMS, surgery/ *LIP, surgery/ MALE/ *MANDIBULAR NEOPLASMS, surgery

4184. **Ito Z:** [Hypertensive intracerebral hemorrhage its diagnosis and operative indication (author's transl)] Brain Nerv 28(3):227–44, Mar 76 **(Jpn)**
CEREBELLAR DISEASES, classification/ CEREBELLAR DISEASES, diagnosis/ CEREBELLAR DISEASES, surgery/ CEREBRAL ARTERIES, physiopathology/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, surgery/ CONSCIOUSNESS/ GANGLIA, BASAL, radiography/ HEMATOMA, physiopathology/ HEMATOMA, radiography/ HEMATOMA, surgery/ HUMAN/ *HYPERTENSION, complications/ HYPOTHALAMUS, pathology/ MALE/ MIDDLE AGE/ TIME FACTORS

4185. **Ittyerah R, Alkjaersig N, Fletcher A, et al:** Coagulation factor XIII concentration in sickle-cell disease. J Lab Clin Med 88(4):546–54, Oct 76
ADULT/ *ANEMIA, SICKLE CELL, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS, analysis/ ERYTHROCYTES, ABNORMAL/ *FACTOR XIII, analysis/ FIBRINOGEN, analysis/ HUMAN/ MIDDLE AGE/ *SICKLE CELL TRAIT, blood/ THROMBOCYTOSIS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4186. **Itzchak Y, Silberberger A, Modan M, et al:** Hematocrit, viscosity and blood flow velocity in men and women. Isr J Med Sci 13(1):80–2, Jan 77
ADOLESCENCE/ ADULT/ AGED/ BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ CINEANGIOGRAPHY/ DENSITOMETRY, methods/ FEMALE/ HEMATOCRIT/ HUMAN/ MALE/ MIDDLE AGE/ SEX FACTORS

4187. **Itzchak Y, Glickman MG:** Splenic vein thrombosis in patients with a normal size spleen. Invest Radiol 12(2):158–63, Mar–Apr 77
CYSTADENOMA, complications/ CYSTADENOMA, radiography/ HUMAN/ LYMPHOSARCOMA, complications/ LYMPHOSARCOMA, radiography/ PANCREATIC NEOPLASMS, complications/ PANCREATIC NEOPLASMS, radiography/ PANCREATITIS, complications/ PANCREATITIS, radiography/ RETROPERITONEAL NEOPLASMS, complications/ RETROPERITONEAL NEOPLASMS, radiography/ *SPLENIC VEIN, radiography/ THROMBOSIS, etiology/ *THROMBOSIS, radiography

4188. **Iumashev GS, Kriukov BN, Rappoport NIa:** Rezul'taty lecheniia bol'nykh s vertel'nymi perelomami bedrennoĭ kosti Sov Med (3):37–41, Mar 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGE FACTORS/ AGED/ BACTERIAL INFECTIONS, etiology/ ENGLISH ABSTRACT/ FEMORAL FRACTURES, complications/ *FEMORAL FRACTURES, surgery/ HUMAN/ MIDDLE AGE/ PNEUMONIA, etiology/ THROMBOEMBOLISM, etiology

4189. **Iunovidova LI, Petrovskaia EL:** Vliianie stepeni vozmeshcheniia krovopoteri na sostoianie bol'nykh pri operatsiiakh na serdtse v usloviiakh iskusstvennogo krovoobrashcheniia Grudn Khir (3):33–7, May–Jun 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ *BLOOD VOLUME/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ HEART SEPTAL DEFECTS, physiopathology/ *HEART SEPTAL DEFECTS, surgery/ *HEMORRHAGE/ HEMOSTASIS/ HUMAN/ INFANT/ POSTOPERATIVE COMPLICATIONS

4190. **Iur'eva GIu, Kirzner NM, Kudriashov BA:** O deĭstvii trombina na khemoretseptory karotidnogo labirinta liagushki Fiziol Zh SSSR 62(9):1349–54, Sept 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION/ *CAROTID BODY, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROPHYSIOLOGY/ ENGLISH ABSTRACT/ GLOSSOPHARYNGEAL NERVE, physiology/ RANA TEMPORARIA/ *THROMBIN, pharmacodynamics/ THROMBOPLASTIN, pharmacodynamics

AUTHOR SECTION

4191. **Iurlov VM:** Sochetanie bolezni Villebranda i sindroma Chernogubova-Elersa-Danlosa Ter Arkh 48(8):150–2, 1976 **(Rus)**
ADOLESCENCE/ CASE REPORT/ *EHLERS-DANLOS SYNDROME, complications/ EHLERS-DANLOS SYNDROME, diagnosis/ HUMAN/ MALE/ *VON WILLEBRAND'S DISEASE, complications/ VON WILLEBRAND'S DISEASE, diagnosis

4192. **Iurlov VM, Kopteva IA, Promakhina EK:** Izuchenie koaguliatsionnoĭ aktivnosti trombotsitov i eritrotsitov zdorovykh liudeĭ s pomoshch'iu modofitsirovannoĭ autokoagulogrammy Lab Delo (4):2–1–4, 1976 **(Rus)**
*BLOOD COAGULATION TESTS, methods/ *BLOOD COAGULATION/ *BLOOD PLATELETS, physiology/ *ERYTHROCYTES, physiology/ HUMAN

4193. **Iurlov VM:** Rol' funktsional'noi nepolnotsennosti trombotsitov v étiologii bolezni Verl'gofa. Probl Gematol Pereliv Krovi 22(3):23–6, Mar 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION/ *BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELET DISORDERS, physiopathology/ *BLOOD PLATELETS, physiology/ CHILD/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOPENIC, physiopathology/ RECURRENCE/ THROMBOCYTOPATHY, physiopathology

4194. **Iushkov SF, Gzovskaia ON, Postol'nikov SF:** Morfologicheskaia kharakteristika vnutrennikh organov eksperimental'nykh zhivotnykh pri primenenii razlichnykh doz khanerola. Farmakol Toksikol 39(5):593–8, Sep–Oct 76 (Eng. Abstr.) **(Rus)**
ADRENAL GLANDS, blood supply/ ANIMAL/ CAPILLARIES, pathology/ DOGS/ ENGLISH ABSTRACT/ GASTRIC MUCOSA, pathology/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, pathology/ HERBS/ INJECTIONS, INTRAVENOUS/ *ISCHEMIA, chemically induced/ ISCHEMIA, pathology/ LUNG, blood supply/ MALE/ *PHENOLS, administration & dosage/ PHENOLS, adverse effects/ *PLANT EXTRACTS/ *PULMONARY FIBROSIS, chemically induced/ PULMONARY FIBROSIS, pathology/ RATS/ SPLEEN, blood supply/ TESTIS, blood supply/ *THROMBOSIS, chemically induced/ THROMBOSIS, pathology

4195. **Iván P, András H, Margit P:** Traumás eredetü intramuralis duodenum haematoma Magy Traumatol Orthop 19(4):296–300, 1976 (Eng. Abstr.) **(Hun)**
*ABDOMINAL INJURIES, complications/ CASE REPORT/ CHILD/ *DUODENUM, injuries/ ENGLISH ABSTRACT/ HEMATOMA, complications/ *HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ INTESTINAL OBSTRUCTION, etiology/ MALE/ WOUNDS, NONPENETRATING

4196. **Ivanov AA:** Sistema komplementa. Struktura, funktsii i sredstva ugneteniia. Usp Sovrem Biol 83(2):251–64, Mar–Apr 77 (130 ref.) **(Rus)**
ANAPHYLAXIS, metabolism/ ANTIBODY FORMATION/ BLOOD COAGULATION FACTORS, metabolism/ *COMPLEMENT/ COMPLEMENT, metabolism/ COMPLEMENT, physiology/ ERYTHROCYTES, immunology/ HEMOLYSIS/ HYPERSENSITIVITY, immunology/ IMMUNE ADHERENCE REACTION/ NOMENCLATURE/ PHAGOCYTOSIS/ REVIEW

4197. **Ivanov GK:** Sostoianie gemokoaguliatsii pri obshcheĭ anestezii ftorotanom i neĭroleptanal'gezii. Anesteziol Reanimatol (3):32–4, May–Jun 77 (Eng. Abstr.) **(Rus)**
*ANESTHESIA, GENERAL/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FEMALE/ *HALOTHANE/ HUMAN/ LEIOMYOMA, surgery/ *NEUROLEPTOANALGESIA/ THROMBELASTOGRAPHY/ TIME FACTORS/ UTERINE NEOPLASMS, surgery

4198. **Ivanov LL, Botvinik MM:** Stereospetsifichnyĭ otbor nukleofil'nykh soedineniĭ v kataliziruemykh khimotrilsinom reaktsiiakh obrazovaniia peptidnoi sviazi Biokhimiia 41(4):619–29, Apr 76 (Eng. Abstr.) **(Rus)**
AMINO ACIDS, metabolism/ BINDING SITES/ CHYMOTRYPSIN, antagonists & inhibitors/ *CHYMOTRYPSIN, metabolism/ ENGLISH ABSTRACT/ *PEPTIDES, biosynthesis/ STRUCTURE-ACTIVITY RELATIONSHIP

4199. **Ivanov VV:** Neotlozhnye operatsii pri oslozhnennom gemorroe Khirurgiia (Mosk) (12):40–4, Dec 76 (Eng. Abstr.) **(Rus)**
ANUS, blood supply/ EMERGENCIES/ ENGLISH ABSTRACT/ HEMORRHOIDS, complications/ *HEMORRHOIDS, surgery/ HUMAN/ RECTUM, blood supply/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, surgery

4200. **Ivanov VV, Kotsubinskiĭ NN:** Narushenie svertyvaiushcheĭ sistemy krovi pri tiazhelykh cherepno-mozgovykh travmakh Voen Med Zh (10):37–9, Oct 76 **(Rus)**
ADULT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ *BRAIN INJURIES, ACUTE, complications/ CASE REPORT/ HUMAN/ MALE/ MILITARY MEDICINE/ *SKULL, injuries/ TIME FACTORS/ USSR

4201. **Ivanova GS, Markelova NIu, Petrikevich SB, et al:** Fermentnyĭ sostav lizosom Aspergillus clavatus. Mikrobiologiia 46(2):239–44, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
ADENOSINE TRIPHOSPHATASE, analysis/ ASPERGILLUS, enzymology/ *ASPERGILLUS, ultrastructure/ DEOXYRIBONUCLEASE, analysis/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ ISOENZYMES, analysis/ *LYSOSOMES, enzymology/ MICROSCOPY, PHASE CONTRAST/ PEPTIDE HYDROLASES, analysis/ PHOSPHODIESTERASES, analysis/ PHOSPHOMONOESTERASES, analysis/ RIBONUCLEASE, analysis/ SUCCINATE DEHYDROGENASE, analysis

4202. **Ivanova NA, Ias'ko AA, Gorokhovskaia GN:** Osobennosti gemokoaguliatsii pri diabeticheskikh mikroangiopatiiakh Sov Med (1):121–7, Jan 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ *DIABETIC ANGIOPATHIES, blood/ *DIABETIC NEPHROPATHIES, blood/ *DIABETIC RETINOPATHY, blood/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE

4203. **Ivarsson L:** Pulmonary metastasis formation after trauma. Acta Chir Scand [Suppl] (463):1–46, 1976
ANIMAL/ *BLOOD CIRCULATION/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, immunology/ DEXTRAN, pharmacodynamics/ HEMATOCRIT/ HEPARIN, pharmacodynamics/ IMMUNE SERUMS, pharmacodynamics/ *LUNG NEOPLASMS, etiology/ MICROCIRCULATION, drug effects/ NEOPLASM CIRCULATING CELLS/ *NEOPLASM METASTASIS/ NEOPLASMS, EXPERIMENTAL, etiology/ PLASMA VOLUME, drug effects/ RATS/ REPTILASE, pharmacodynamics/ *WOUNDS AND INJURIES, complications

4204. **Ivashkevich GA:** Khirurgicheskaia infektsiia i metody bor'by s neĭ Klin Khir (5):13–8, May 76 (27 ref.) (Eng. Abstr.) **(Rus)**
AGE FACTORS/ AGED/ ANTIBIOTICS, therapeutic use/ ANTISEPSIS, methods/ ASEPSIS, methods/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HORMONES, therapeutic use/ HUMAN/ IMMUNIZATION/ MALE/ PEPTIDE HYDROLASES, therapeutic use/ REVIEW/ SEX FACTORS/ STEROIDS, therapeutic use/ SUPPURATION, prevention & control/ SURGERY, OPERATIVE/ SURGICAL WOUND INFECTION, occurrence/ *SURGICAL WOUND INFECTION, prevention & control

4205. **Ivdra PP:** Lechenie khronicheskogo prostatita proteoliticheskimi fermentami i geparinom Urol Nefrol (Mosk) (1):44–6, Jan–Feb 76 (Eng. Abstr.) **(Rus)**

ADULT/ CASE REPORT/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ *PROSTATITIS, drug therapy

4206. **Iverius PH, Ostlund-Lindqvist AM:** Lipoprotein lipase from bovine milk. Isolation procedure, chemical characterization, and molecular weight analysis. J Biol Chem 251(24):7791-5, 25 Dec 76
AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ DRUG STABILITY/ FEMALE/ GEL DIFFUSION TESTS/ GLYCERIN, pharmacodynamics/ GLYCINE, pharmacodynamics/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, isolation & purification/ LIPOPROTEIN LIPASE, metabolism/ *MILK, enzymology/ MOLECULAR WEIGHT

4207. **Iverson WG, Millis NF:** Bacteriocins of Streptococcus bovis. Can J Microbiol 22(7):1040-7, Jul 76
*BACTERIOCINS, biosynthesis/ BACTERIOCINS, pharmacodynamics/ DRUG RESISTANCE, MICROBIAL/ FERMENTATION/ HEAT/ LIPASE, metabolism/ MANNITOL, metabolism/ STREPTOCOCCUS, drug effects/ *STREPTOCOCCUS, metabolism/ TRYPSIN, metabolism

4208. **Ivleva AIa, Ovchinnikova LK:** Metodika podscheta trombotsitov s ispol'zovaniem konduktometricheskikh schetchikov Lab Delo (4):208-11, 1976 **(Rus)**
*BLOOD CELL COUNT, methods/ BLOOD PLATELETS/ CONDUCTOMETRY, instrumentation

4209. **Ivleva AIa, Kremneva VF, Zolotukhin SI:** Vliianie no-shpy, galidora, dibazola i eufillina na soderzhanie fibrinogena i fibrinoliticheskuiu aktivnost' krovi Farmakol Toksikol 39(3):304-8, May-Jun 76 (Eng. Abstr.) **(Rus)**
AMINOPHYLLINE, administration & dosage/ AMINOPHYLLINE, pharmacodynamics/ ANIMAL/ BENCYCLANE, administration & dosage/ *BENCYCLANE, pharmacodynamics/ BENZIMIDAZOLES, administration & dosage/ BENZIMIDAZOLES, pharmacodynamics/ COMPARATIVE STUDY/ *CYCLOHEPTANES, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, analysis/ *FIBRINOLYSIS, drug effects/ IN VITRO/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ MALE/ *PAPAVERINE, analogs & derivatives/ PAPAVERINE, administration & dosage/ PAPAVERINE, pharmacodynamics/ RATS/ VASODILATOR AGENTS, administration & dosage/ *VASODILATOR AGENTS, pharmacodynamics

4210. **Iwama T, Ishizuka K, Utunomiya J, et al:** A case of vasculo-Behcet's syndrome. Bull Tokyo Med Dent Univ 23(3):141-7, Sep 76
*ANEURYSM, etiology/ *BEHCET'S SYNDROME, complications/ CASE REPORT/ *FEMORAL ARTERY/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, etiology

4211. **Iwanaga S, Takahashi H, Suzuki T:** Proteinase inhibitors from the venom of Russell's viper. Methods Enzymol 45:874-81, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *ENZYME INHIBITORS/ ENZYME INHIBITORS, isolation & purification/ ENZYME INHIBITORS, pharmacodynamics/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ PROTEIN CONFORMATION/ *SNAKE VENOMS/ SNAKE VENOMS, isolation & purification/ SNAKE VENOMS, pharmacodynamics/ SPECIES SPECIFICITY

4212. **Iwanaga S, Oshima G, Suzuki T:** Proteinases from the venom of Agkistrodon halys blomhoffi. Methods Enzymol 45:459-68, 1976
AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ CATIONS, DIVALENT/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *SNAKE VENOMS/ SNAKE VENOMS, isolation & purification/ SNAKE VENOMS, metabolism/ SPECIES SPECIFICITY

4213. **Iwańska J, Donicowa K, Barańska H, et al:** Próba wykorzystania oznaczania produktów degradacji fibrynogenu/fibryny do diagnostyki chorób wewnętrznych. Pol Tyg Lek 32(26):993-6, 27 Jun 77 (Eng. Abstr.) **(Pol)**
ENGLISH ABSTRACT/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HUMAN/ KIDNEY FAILURE, ACUTE, blood/ NEOPLASMS, blood/ PULMONARY EMBOLISM, blood

4214. **Iwasa S, Hori M:** Improved rubella hemagglutination inhibtion test: inactivation of non-immunoglobulin hemagglutination inhibitors by phospholipase C. J Clin Microbiol 4(6):461-6, Dec 76
*ANTIBODIES, VIRAL, analysis/ CHYMOTRYPSIN, metabolism/ CHYMOTRYPSIN, pharmacodynamics/ CLOSTRIDIUM PERFRINGENS, enzymology/ COMPARATIVE STUDY/ DEXTRAN, pharmacodynamics/ DIAGNOSIS, DIFFERENTIAL/ ERYTHROCYTES, metabolism/ *HEMAGGLUTINATION INHIBITION TESTS, methods/ *HEMAGGLUTINATION, VIRAL, drug effects/ HUMAN/ HYDROLYSIS/ KAOLIN, pharmacodynamics/ LIPOPROTEINS, metabolism/ PHOSPHOLIPASE, metabolism/ *PHOSPHOLIPASE, pharmacodynamics/ RUBELLA VIRUS, immunology/ *RUBELLA, diagnosis

4215. **Izatt E, Fairman M:** Staphylococcal septicaemia with disseminated intravascular coagulation associated with acupuncture. Postgrad Med J 53(619):285-6, May 77
*ACUPUNCTURE, adverse effects/ AGED/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ MALE/ OSTEOARTHRITIS, therapy/ *SEPTICEMIA, etiology/ *STAPHYLOCOCCAL INFECTIONS, etiology

J

4216. **Jablonská M, Dosková M, Balas V, et al:** Einige Veränderungen der Blutgerinnung bei portaler Hypertonic Dtsch Z Verdau Stoffwechselkr 36(3-4):151-2, 1976 **(Ger)**
*BLOOD COAGULATION DISORDERS, etiology/ CHRONIC DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEPATITIS, complications/ HUMAN/ *HYPERTENSION, PORTAL, complications/ LIVER CIRRHOSIS, complications/ LIVER NEOPLASMS, complications

4217. **Jabłońska-Kaszewska I, Krajewska-Donaj B, Tyrankiewicz Z, et al:** Wykrzepianie wewnątrznaczyniowe u chorych z zespołem przewlekłego serca płucnego Pol Tyg Lek 31(44):1869-71, 1 Nov 76 (Eng. Abstr.) **(Pol)**
ADULT/ AGED/ CHRONIC DISEASE/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY HEART DISEASE, blood/ PULMONARY HEART DISEASE, complications

4218. **Jacey MJ, Gonzales A, Tappan DV:** Hematologic changes after two exposures to 6.7 ATA air at three-day intervals. J Appl Physiol 42(6):838-44, Jun 77
ADULT/ AIR PRESSURE/ *BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD PLATELETS/ *BLOOD VOLUME/ *DIVING/ ERYTHROCYTE COUNT/ HEMATOCRIT/ HEMOGLOBINS, analysis/ HUMAN/ LEUKOCYTE COUNT/ MALE/ PLATELET AGGREGATION/ WATER, analysis

4219. **Jack Yang NY, Desai ID:** Effect of high levels of dietary vitamin E on hematological indices and biochemical

parameters in rats. J Nutr 107(8):1410–7, Aug 77
ALKALINE PHOSPHATASE, metabolism/ ANIMAL/ BONE AND BONES, drug effects/ *BONE AND BONES, metabolism/ CREATINE, urine/ CREATININE, urine/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ERYTHROCYTES, drug effects/ FEMALE/ HEMATOCRIT/ HEMOGLOBINS, metabolism/ HEMOLYSIS, drug effects/ MINERALS, metabolism/ ORGAN WEIGHT, drug effects/ PROTHROMBIN TIME/ RATS/ TIME FACTORS/ VITAMIN E, adverse effects/ *VITAMIN E, toxicity

4220. **Jackson C, Greene HL, O'Neill J, et al:** Hepatic hemangioendothelioma. Angiographic appearance and apparent prednisone responsiveness. Am J Dis Child 131(1):74–7, Jan 77
CASE REPORT/ CELIAC ARTERY, radiography/ FEMALE/ HEART FAILURE, CONGESTIVE, prevention & control/ HEMANGIOENDOTHELIOMA, diagnosis/ *HEMANGIOENDOTHELIOMA, drug therapy/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ INFANT/ *LIVER NEOPLASMS, drug therapy/ LIVER NEOPLASMS, pathology/ LIVER NEOPLASMS, diagnosis/ LIVER, pathology/ PREDNISONE, administration & dosage/ *PREDNISONE, therapeutic use/ RADIONUCLIDE IMAGING

4221. **Jackson CM:** The biochemistry of prothrombin activation. pp. 61–99.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (175 ref.)
AMINO ACID SEQUENCE/ ANIMAL/ *BLOOD COAGULATION/ CALCIUM, metabolism/ CATTLE/ FACTOR V, metabolism/ FACTOR X, metabolism/ GLUTAMATES/ GLYCOPROTEINS, metabolism/ HUMAN/ MEMBRANE LIPIDS, physiology/ MODELS, BIOLOGICAL/ MOLECULAR WEIGHT/ MONOGRAPH/ PHOSPHOLIPIDS, physiology/ *PROTHROMBIN, metabolism/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K, physiology

4222. **Jackson CW, Edwards CC:** Platelet production capacity at intervals after acute thrombocytopenia.
Scand J Haematol 17(4):285–92, Oct 76
ACUTE DISEASE/ ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ *HEMATOPOIESIS/ IMMUNE SERUMS/ MALE/ RATS/ SULFATES, blood/ *THROMBOPENIA, blood/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4223. **Jackson CW, Edwards CC:** Biphasic thrombopoietic response to severe hypobaric hypoxia. Br J Haematol 35(2):233–44, Feb 77
ANIMAL/ *ANOXIA, blood/ ANOXIA, complications/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD VOLUME/ CELL SURVIVAL/ *HEMATOPOIESIS/ MALE/ MEGAKARYOCYTES/ RATS/ THROMBOCYTOSIS, etiology/ THROMBOPENIA, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4224. **Jackson CW, Edwards CC:** Evidence that stimulation of megakaryocytopoiesis by low dose vincristine results from an effect on platelets. Br J Haematol 36(1):97–105, May 77
ANIMAL/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, transplantation/ COMPARATIVE STUDY/ *MEGAKARYOCYTES, drug effects/ MEGAKARYOCYTES, metabolism/ RATS/ THROMBOCYTOSIS, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VINCRISTINE, pharmacodynamics

4225. **Jackson P, Crawford N:** The isolation and partial characterization of polymorphonuclear-leucocyte actin.
Biochem Soc Trans 4(2):333–6, 1976
*ACTIN/ ACTIN, isolation & purification/ ACTIN, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE, metabolism/ AMINO ACIDS, analysis/ ANIMAL/ BLOOD PLATELETS, enzymology/ BLOOD PROTEINS, isolation & purification/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION, drug effects/ FLUORESCENT ANTIBODY TECHNIC/ GUINEA PIGS/ MAGNESIUM, pharmacodynamics/ MYOSIN, metabolism/ *NEUTROPHILS, analysis

4226. **Jackson PR:** Lectin binding by trypanosoma equiperdum. J Parasitol 63(1):8–14, Feb 77
AGGLUTINATION, drug effects/ ANIMAL/ CHYMOPAPAIN, pharmacodynamics/ CONCANAVALIN A, pharmacodynamics/ MALE/ MANNOSE, pharmacodynamics/ PAPAIN, pharmacodynamics/ *PLANT AGGLUTININS, pharmacodynamics/ PRONASE, pharmacodynamics/ RATS/ TRYPANOSOMA, drug effects/ *TRYPANOSOMA, immunology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4227. **Jackson RL, Chung BH, Smith LC, et al:** Physical, chemical and immunochemical characterization of a lipoprotein lipase activator protein from pig plasma very low density lipoproteins. Biochim Biophys Acta 490(2):385–94, 22 Feb 77
AMINO ACIDS, analysis/ ANIMAL/ APOLIPOPROTEINS, physiology/ ENZYME ACTIVATION/ GEL DIFFUSION TESTS/ *LIPOPROTEIN LIPASE, metabolism/ *LIPOPROTEINS, VLDL/ LIPOPROTEINS, VLDL, blood/ LIPOPROTEINS, VLDL, physiology/ MILK, enzymology/ MOLECULAR WEIGHT/ RADIOIMMUNOASSAY/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4228. **Jackson RL, Baker HN, Gilliam EB, et al:** Primary structure of very low density apolipoprotein C-II of human plasma. Proc Natl Acad Sci USA 74(5):1942–5, May 77
AMINO ACID SEQUENCE/ *APOLIPOPROTEINS/ APOLIPOPROTEINS, blood/ APOLIPOPROTEINS, isolation & purification/ CYANOGEN BROMIDE/ HUMAN/ *LIPOPROTEINS, VLDL/ LIPOPROTEINS, VLDL, blood/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4229. **Jackson TA, Osburn BI, Cordy DR, et al:** Equine herpesvirus 1 infection of horses: studies on the experimentally induced neurologic disease. Am J Vet Res 38(6):709–19, Jun 77
ABORTION, VETERINARY, pathology/ ANIMAL/ BLOOD VESSELS, pathology/ BRAIN, pathology/ EQUINE RHINOPNEUMONITIS VIRUS/ FEMALE/ HERPESVIRUS INFECTIONS, pathology/ *HERPESVIRUS INFECTIONS, veterinary/ *HORSE DISEASES/ HORSE DISEASES, pathology/ HORSES/ INFLAMMATION/ MALE/ MENINGES, pathology/ NERVOUS SYSTEM DISEASES, pathology/ *NERVOUS SYSTEM DISEASES, veterinary/ PREGNANCY/ SPINAL CORD, pathology/ THROMBOSIS, pathology/ THROMBOSIS, veterinary/ TRIGEMINAL NERVE, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR DISEASES, pathology/ VASCULAR DISEASES, veterinary

4230. **Jacob J:** Umbilical artery catheters [letter] Pediatrics 60(2):262, Aug 77
*CATHETERIZATION, adverse effects/ CATHETERIZATION, methods/ HUMAN/ INFANT, NEWBORN/ *THROMBOSIS, etiology/ *UMBILICAL ARTERIES

4231. **Jacobi E, Krüskemper G:** Thrombozytenadhäsivität und thrombozytäres cAMP unter Stress. Med Welt 28(18):888–9, 6 May 77 **(Ger)**
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ HUMAN/ *PLATELET ADHESIVENESS/ *STRESS, blood/ STRESS, complications/ THROMBOSIS, etiology

4232. **Jacobs AH, Cahn RL:** Birthmarks. Pediatr Ann 5(12):743–58,

Dec 76
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ HAMARTOMA, pathology/ HEMANGIOMA, pathology/ HUMAN/ INFANT/ INFANT, NEWBORN/ *NEVUS, pathology/ NEVUS, congenital/ NEVUS, PIGMENTED, pathology/ PIGMENTATION DISORDERS, congenital/ SKIN NEOPLASMS, congenital/ *SKIN NEOPLASMS, pathology

4233. **Jacobs AH:** The skin in childhood. Hosp Pract 12(8):91–112, Aug 77
ACNE, therapy/ ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ DERMATITIS, CONTACT, diagnosis/ DIAPER RASH, etiology/ DIAPER RASH, therapy/ FEMALE/ HEMANGIOMA/ HUMAN/ IMPETIGO, diagnosis/ IMPETIGO, therapy/ INFANT/ INFANT, NEWBORN/ MALE/ MOLLUSCUM CONTAGIOSUM, therapy/ NEVUS/ NEVUS, PIGMENTED/ PSORIASIS, therapy/ SCABIES, diagnosis/ SCABIES, therapy/ *SKIN DISEASES/ *SKIN NEOPLASMS/ WARTS, therapy

4234. **Jacobs DS, Vastine DW, Urist MJ:** Anterior segment ischemia and sector iris atrophy: after strabismus surgery in a patient with chronic lymphocytic leukemia. Ophthalmic Surg 7(4):42–8, Winter 76
AGED/ ATROPHY, etiology/ BLOOD VISCOSITY/ CASE REPORT/ EYE DISEASES, etiology/ FEMALE/ FLUORESCENCE ANGIOGRAPHY/ HUMAN/ IRIDOCYCLITIS, etiology/ *IRIS/ *ISCHEMIA, etiology/ *LEUKEMIA, LYMPHOCYTIC, complications/ POSTOPERATIVE COMPLICATIONS/ *STRABISMUS, surgery/ UVEAL DISEASES, etiology

4235. **Jacobs P, Kahn LB:** Control of auto-immune thrombocytopenia by removal of an atrophic spleen: a case report. S Afr Med J 52(5):194–5, 23 Jul 77
ADULT/ ATROPHY/ *AUTOIMMUNE DISEASES, therapy/ CASE REPORT/ FEMALE/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, therapy/ *SPLEEN, pathology/ *SPLENECTOMY/ *THROMBOPENIA, therapy

4236. **Jacobs RR, McClain O:** Musculoskeletal trauma. Systemic effects. J Kans Med Soc 77(11):495–7, Nov 76
ANIMAL/ BLOOD COAGULATION/ CASE REPORT/ DOGS/ HUMAN/ MALE/ *MUSCULOSKELETAL SYSTEM, injuries/ RESPIRATION, ARTIFICIAL/ RESPIRATORY INSUFFICIENCY, etiology

4237. **Jacobs S:** Vergleichende psychologische Untersuchungen zur Krankheitsverarbeitung und Lebenseinstellung von Hämophilen unter besonderer Berücksichtigung ihrer motorischen Behinderungen
Z Psychosom Med Psychoanal 23(2):119–31, Apr–Jun 77 (Eng. Abstr.) **(Ger)**
ADULT/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *HEMOPHILIA, complications/ HEMOPHILIA, physiopathology/ HUMAN/ JOINT DISEASES, etiology/ MALE/ *MOTOR SKILLS/ NEUROMUSCULAR DISEASES, etiology/ NEUROSES, etiology/ *SICK ROLE/ *STRESS, PSYCHOLOGICAL

4238. **Jacobsen H, Demandt A, Moody AJ, et al:** Sequence analysis of porcine gut GLI-1. Biochim Biophys Acta 493(2):452–9, 23 Aug 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ COMPARATIVE STUDY/ *GASTROINTESTINAL HORMONES/ GASTROINTESTINAL HORMONES, immunology/ GASTROINTESTINAL HORMONES, isolation & purification/ *GLUCAGON/ GLUCAGON, immunology/ INTESTINES/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ *PEPTIDES/ PEPTIDES, immunology/ PEPTIDES, isolation & purification/ PROTEIN PRECURSORS/ SWINE

4239. **Jacobsen N, Hensten-Pettersen A:** Saliva – en oversikt
Nor Tannlaegeforen Tid 86(8):345–53, Sep 76 **(Nor)**
AMYLASE, analysis/ CALCIUM, analysis/ DENTAL CARIES, etiology/ FLUORIDES/ KALLIKREIN, analysis/ LACTOFERRIN, analysis/ MACROMOLECULAR SYSTEMS/ MURAMIDASE, analysis/ PEROXIDASES, analysis/ PHOSPHORUS, analysis/ PROTEINS, analysis/ *SALIVA/ SALIVA, enzymology/ SALIVA, secretion/ SALIVA, analysis/ SALIVARY GLANDS, cytology/ SALIVARY GLANDS, innervation/ SALIVATION/ SECRETORY COMPONENT, analysis/ SECRETORY RATE

4240. **Jacobson GR, Rosenbusch JP:** A functionally active tryptic fragment of Escherichia coli elongation factor Tu. Biochemistry 15(23):5105–110, 16 Nov 76
CIRCULAR DICHROISM/ *ESCHERICHIA COLI, metabolism/ GUANINE NUCLEOTIDES, metabolism/ GUANOSINE TRIPHOSPHATE, metabolism/ KINETICS/ *PEPTIDE ELONGATION FACTORS/ PEPTIDE ELONGATION FACTORS, isolation & purification/ PEPTIDE FRAGMENTS, metabolism/ PROTEIN CONFORMATION/ RNA, TRANSFER, metabolism/ TRANSLATION, GENETIC/ TRYPSIN

4241. **Jacobson GR, Rosenbusch JP:** Limited proteolysis of elongation factor Tu from Escherichia coli, Multiple intermediates. Eur J Biochem 77(2):409–17, 15 Jul 77
ESCHERICHIA COLI/ GUANINE NUCLEOTIDES/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE ELONGATION FACTORS/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN DENATURATION/ TRYPSIN

4242. **Jacobson MS, Kevy SV, Grand RJ:** Effects of a plasticizer leached from polyvinyl chloride on the subhuman primate: a consequence of chronic transfusion therapy. J Lab Clin Med 89(5):1066–79, May 77
BLOOD PLATELETS/ *BLOOD PRESERVATION, instrumentation/ *BLOOD TRANSFUSION, adverse effects/ COMPARATIVE STUDY/ *DIETHYLHEXYL PHTHALATE, toxicity/ HUMAN/ *LIVER, drug effects/ MONKEYS/ *PHTHALIC ACIDS, toxicity/ *PLASTICIZERS, toxicity/ POLYETHYLENES, toxicity/ POLYVINYL CHLORIDE, toxicity/ RHESUS MONKEYS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4243. **Jacovella G, Milazzotto F:** [Study on the interactions between ditazol and anticoagulants in patients with intracardiac valvular prostheses] Clin Ter 80(5):425–31, 15 Mar 77 **(Ita)**
*ACENOCOUMAROL, pharmacodynamics/ ADULT/ AGED/ *DITAZOL, pharmacodynamics/ DRUG INTERACTIONS/ *HEART VALVE PROSTHESIS/ HUMAN/ MIDDLE AGE/ *OXAZOLES, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects

4244. **Jacques C, Drueke T, Nedellec J, et al:** Les anomalies de l'hémostase chez les sujets en hémodialyse chronique, notamment compliquée de thromboses itératives des fistules artérioveineuses. Effets du dipyridamole Pathol Biol (Paris) 24 Suppl:27–32, Dec 76 (Eng. Abstr.) **(Fre)**
ADENOSINE DIPHOSPHATE/ ADULT/ ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELET DISORDERS, drug therapy/ *BLOOD PLATELET DISORDERS, etiology/ CLINICAL RESEARCH/ COLLAGEN/ *DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ *HEMODIALYSIS, adverse effects/ HUMAN/ LONG TERM CARE/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION, drug effects/ RECURRENCE/ *THROMBOSIS, etiology/ THROMBOSIS, prevention & control

4245. **Jacques PJ:** Cell biological processes involved in transport of matter across tissue membranes. pp. 201–23. In: Hemmings WA, ed. Maternofoetal transmission of immunoglobulins. London, Cambridge Univ Press, 1976. W3 C162G v.2 1974.
BINDING SITES/ BIOLOGICAL TRANSPORT/ *ENDOCYTOSIS/ EXOCYTOSIS/ LYSOSOMES, enzymology/ LYSOSOMES, metabolism/ MEMBRANES, metabolism/ MODELS,

BIOLOGICAL/ MONOGRAPH/ ORGANOIDS, metabolism/ PEPTIDE HYDROLASES, metabolism/ PHAGOCYTOSIS/ *PROTEINS, metabolism

4246. **Jacquet Y, Marks N, Li CH:** Behavioral and biochemical properties of 'opioid' peptides. pp. 411–4. In: Kosterlitz HW, ed. Opiates and endogenous opioid peptides. Amsterdam, North-Holland, 1976. QV 90 I61o 1976.
ANIMAL/ *BEHAVIOR, ANIMAL, drug effects/ BRAIN, metabolism/ LEUCINE/ MALE/ METHIONINE/ MONOGRAPH/ MORPHINE, pharmacodynamics/ NARCOTICS/ *OLIGOPEPTIDES/ OLIGOPEPTIDES, metabolism/ OLIGOPEPTIDES, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDES/ PEPTIDES, metabolism/ PEPTIDES, pharmacodynamics/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4247. **Jaeger W, Schneider VJ:** Colour vision deficiencies and haemophilia. Mod Probl Ophthalmol 17:143–6, 1976
*CHRISTMAS DISEASE, complications/ CHRISTMAS DISEASE, familial & genetic/ *COLOR BLINDNESS, complications/ COLOR BLINDNESS, familial & genetic/ FEMALE/ HUMAN/ MALE/ PEDIGREE/ SEX CHROMOSOMES

4248. **Jaenicke L, Berson W:** Glutamine synthetase from pig brain: binding of adenosine triphosphate.
Hoppe Seylers Z Physiol Chem 358(7):883–9, Jul 77
*ADENOSINE TRIPHOSPHATE/ ANIMAL/ *BRAIN, enzymology/ ETHYLMALEIMIDE, pharmacodynamics/ GLUTAMINE SYNTHETASE, isolation & purification/ *GLUTAMINE SYNTHETASE, metabolism/ KINETICS/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ SWINE/ TRYPSIN

4249. **Jafari E, Saleem A, Shaikh BS, et al:** Effect of aspirin on prostaglandin synthesis by human platelets.
Prostaglandins 12(5):829–35, Nov 76
*ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ ETHYLMALEIMIDE, pharmacodynamics/ HUMAN/ *PROSTAGLANDINS E, biosynthesis/ TIME FACTORS

4250. **Jaffe BM, Kopen DF, Lazan DW:** Endogenous serotonin in the control of gastric acid secretion. Surgery 82(1):156–63, Jul 77
ANIMAL/ BLOOD PLATELETS, metabolism/ DOGS/ *GASTRIC JUICE, secretion/ *GASTRIC MUCOSA, secretion/ HYDROCHLORIC ACID, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ INFUSIONS, PARENTERAL/ MESENTERIC VEINS/ SEROTONIN, blood/ SEROTONIN, pharmacodynamics/ *SEROTONIN, physiology/ TIME FACTORS

4251. **Jaffe EA:** Endothelial cells and the biology of factor VIII. N Engl J Med 296(7):377–83, 17 Feb 77
*ANTIGENS/ *BLOOD VESSELS, cytology/ CELLS, CULTURED/ *ENDOTHELIUM, cytology/ ENDOTHELIUM, immunology/ *FACTOR VIII, biosynthesis/ FACTOR VIII, immunology/ HEMOPHILIA, blood/ HUMAN/ MOLECULAR WEIGHT/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VON WILLEBRAND'S DISEASE, blood

4252. **Jaffe RC, Gold ML:** Binding of triiodothyronine by bullfrog tadpole liver and tail fin cytosol proteins.
Mol Cell Endocrinol 8(1):1–13, Jul 77
ANIMAL/ BINDING SITES/ *CYTOSOL, metabolism/ FROGS/ LARVA/ *LIVER, metabolism/ PROTAMINES/ PROTEIN BINDING/ RANA CATESBEIANA/ *TAIL, metabolism/ THYROXINE, metabolism/ *TRIIODOTHYRONINE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4253. **Jaffer AM, Schmid FR:** Hemarthrosis associated with sodium warfarin. J Rheumatol 4(2):215–7, Summer 77
ACUTE DISEASE/ AGED/ FEMALE/ HEMARTHROSIS, blood/ *HEMARTHROSIS, chemically induced/ HEMARTHROSIS, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ SUCTION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, adverse effects/ WARFARIN, therapeutic use

4254. **Jähnchen E, Meinertz T, Gilfrich HJ, et al:** Pharmacokinetic analysis of the interaction between dicoumarol and tolbutamide in man. Eur J Clin Pharmacol 10(5):349–56, 30 Sep 76
ADULT/ BISHYDROXYCOUMARIN, metabolism/ *BISHYDROXYCOUMARIN, pharmacodynamics/ DRUG INTERACTIONS/ HALF-LIFE/ HUMAN/ MALE/ PROTEIN BINDING/ TOLBUTAMIDE, metabolism/ *TOLBUTAMIDE, pharmacodynamics

4255. **Jähnchen E, Meinertz I, Gilfrich HJ:** Interaction of allopurinol with phenprocoumon in man.
Klin Wochenschr 55(15):759–61, 1 Aug 77
ADULT/ *ALLOPURINOL, therapeutic use/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION, drug effects/ DRUG INTERACTIONS/ HUMAN/ MALE/ MATHEMATICS/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ PHENPROCOUMON, blood/ *PHENPROCOUMON, therapeutic use/ *4-HYDROXYCOUMARINS, therapeutic use

4256. **Jaillard J, Sezille G, Fruchart JC, et al:** Etude de l'activité de la lipoproteine-lipase et de la cellularité au niveau du tissu apideux humain: influence de l'obésité et du diabète Diabete Metab 2(1):5–9, Mar 76 (Eng. Abstr.) **(Fre)**
*ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, metabolism/ ADOLESCENCE/ ADULT/ *DIABETES MELLITUS, enzymology/ ENGLISH ABSTRACT/ HUMAN/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ MIDDLE AGE/ OBESITY IN DIABETES, enzymology/ *OBESITY, enzymology

4257. **Jain AK:** Mortality risk associated with the use of oral contraceptives. Stud Fam Plann 8(3):50–4, Mar 77
ABORTION, INDUCED, mortality/ ADOLESCENCE/ ADULT/ AGE FACTORS/ *CONTRACEPTIVES, ORAL, adverse effects/ ENGLAND/ FEMALE/ HUMAN/ LABOR/ MYOCARDIAL INFARCT, mortality/ PREGNANCY/ RETROSPECTIVE STUDIES/ RISK/ SMOKING, complications/ THROMBOEMBOLISM, mortality/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WALES

4258. **Jain RC:** Effect of garlic on serum lipids, coagulability and fibrinolytic activity of blood [letter] Am J Clin Nutr 30(9):1380–1, Sep 77
ADULT/ *BLOOD COAGULATION/ FIBRINOLYSIS/ *GARLIC/ HUMAN/ *LIPIDS, blood/ MALE

4259. **Jain S, Markham R, Thomas HC, et al:** Double-stranded DNA-binding capacity of serum in acute and chronic liver disease. Clin Exp Immunol 26(1):35–41, Oct 76
ALCOHOLISM/ ANTINUCLEAR FACTORS/ ASPARTATE AMINOTRANSFERASE, blood/ *AUTOANTIBODIES/ BINDING SITES, ANTIBODY/ *DNA, immunology/ HEPATITIS B SURFACE ANTIGEN/ HEPATITIS, immunology/ HEPATITIS, TOXIC, immunology/ HEPATITIS, VIRAL, HUMAN, immunology/ HUMAN/ IGG/ LIVER CIRRHOSIS, OBSTRUCTIVE, immunology/ *LIVER DISEASES, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ PORTAL VEIN/ THROMBOSIS, immunology

4260. **Jaiswal DM, Belsare DK:** Effect of heparin and adrenocorticotropin on the hepatic and serum cholesterol in catfish, Heteropneustes fossils. Endokrinologie 68(1):118–20, Oct 76
ANIMAL/ *CHOLESTEROL, metabolism/ *CORTICOTROPIN, pharmacodynamics/ FEMALE/ *FISHES, metabolism/ *HEPARIN, pharmacodynamics/ *LIVER, metabolism

4261. **Jakes R, Northrop F, Kendrick-Jones J:** Calcium binding

regions of myosin 'regulatory' light chains. FEBS Lett 70(1):229–34, Nov 76
ACTOMYOSIN/ AMINO ACID SEQUENCE/ ANIMAL/ BINDING SITES/ *CALCIUM/ CHICKENS/ CHYMOTRYPSIN/ GIZZARD/ MOLECULAR WEIGHT/ MOLLUSCA/ MUSCLES/ MYOFIBRILS/ *MYOSIN/ ORGAN SPECIFICITY/ PROTEIN BINDING/ SPECIES SPECIFICITY

4262. **Jakobs KH, Saur W, Schultz G:** Reduction of adenylate cyclase activity in lysates of human platelets by the alpha-adrenergic component of epinephrine.
J Cyclic Nucleotide Res 2(6):381–92, Nov–Dec 76
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, blood/ *ADENYL CYCLASE, blood/ *ADRENERGIC ALPHA RECEPTOR AGONISTS, pharmacodynamics/ ADRENERGIC BETA RECEPTOR AGONISTS, pharmacodynamics/ *BLOOD PLATELETS, enzymology/ CELL-FREE SYSTEM/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *EPINEPHRINE, pharmacodynamics/ FLUORIDES, pharmacodynamics/ HUMAN/ KINETICS/ NOREPINEPHRINE, pharmacodynamics/ PROSTAGLANDINS E, pharmacodynamics/ XANTHINES, pharmacodynamics

4263. **Jakschik BA, Kulczycki A Jr, MacDonald HH, et al:** Release of slow reacting substance (SRS) from rat basophilic leukemia (RBL-1) cells. J Immunol 119(2):618–22, Aug 77
A-23187, administration & dosage/ *A-23187, pharmacodynamics/ ANIMAL/ *ANTIBIOTICS, pharmacodynamics/ ARYLSULFATASES, pharmacodynamics/ BASOPHILS, drug effects/ *BASOPHILS, secretion/ BENZOPYRANS, pharmacodynamics/ CELLS, CULTURED/ CHYMOTRYPSIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ETHERS, pharmacodynamics/ GUINEA PIGS/ IN VITRO/ INDOMETHACIN, pharmacodynamics/ LEUKEMIA, EXPERIMENTAL, drug therapy/ *LEUKEMIA, EXPERIMENTAL, secretion/ MUSCLE CONTRACTION, drug effects/ MUSCLE, SMOOTH, drug effects/ RATS/ SRS-A, isolation & purification/ SRS-A, pharmacodynamics/ *SRS-A, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4264. **James MN:** Relationship between the structures and activities of some microbial serine proteases. II. Comparison of the tertiary structures of microbial and pancreatic serine proteases. pp. 125–42.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (34 ref.)
AMINO ACID SEQUENCE/ ANIMAL/ BINDING SITES/ CHYMOTRYPSIN, metabolism/ COMPARATIVE STUDY/ EVOLUTION/ MOLECULAR MODELS/ MONOGRAPH/ *PANCREAS, enzymology/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, metabolism/ PROTEIN BINDING/ PROTEIN CONFORMATION/ REVIEW/ SERINE/ SPECIES SPECIFICITY/ *STREPTOMYCES GRISEUS, enzymology/ TRYPSIN, metabolism

4265. **James MN, Hsu IN, Delbaere LT:** Mechanism of acid protease catalysis based on the crystal structure of penicillopepsin. Nature 267(5614):808–13, 30 Jun 77
AFFINITY LABELS/ AMINO ACID SEQUENCE/ ASPARTIC ACID, metabolism/ BINDING SITES/ CATALYSIS/ EPOXY COMPOUNDS, pharmacodynamics/ MOLECULAR MODELS/ NITROPHENOLS, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEIN CONFORMATION, drug effects/ STRUCTURE-ACTIVITY RELATIONSHIP/ TYROSINE, metabolism

4266. **James OF:** The occurence and significance of microaggregates in stored blood.
Eur J Intensive Care Med 2(4):163–6, 1976
*BLOOD PRESERVATION/ BLOOD TRANSFUSION, adverse effects/ FILTRATION/ HUMAN/ LEUKOCYTES/ *PLATELET AGGREGATION/ PULMONARY EMBOLISM, etiology

4267. **James TN, Spencer MS, Kloepfer JC:** De Subitaneis Mortibus. XXI. Adult onset syncope. with comments on the nature of congenital heart block and the morphogenesis of the human atrioventricular septal junction. Circulation 54(6):1001–9, Dec 76
ADULT/ ATRIOVENTRICULAR NODE, embryology/ *ATRIOVENTRICULAR NODE, pathology/ AUTOPSY/ BUNDLE OF HIS, pathology/ CASE REPORT/ FIBROBLASTS/ HEART BLOCK, congenital/ HEART BLOCK, complications/ HEART BLOCK, embryology/ *HEART BLOCK, pathology/ *HEART CONDUCTION SYSTEM, pathology/ HUMAN/ MALE/ PULMONARY EMBOLISM, complications/ *SYNCOPE, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4268. **Jamin C, Pecquery R, Fingerhut A, et al:** Etude clinique et biochimique de deux cas de lipomatose.
Nouv Presse Med 6(23):2043–7, 4 Jun 77 (Eng. Abstr.) **(Fre)**
*ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, metabolism/ ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ *LIPASE, metabolism/ *LIPOMATOSIS, enzymology/ LIPOMATOSIS, metabolism/ LIPOPROTEIN LIPASE, metabolism/ MALE/ PEDIGREE/ TRIGLYCERIDES

4269. **Jan KM, Chien S:** Effect of hematocrit variations on coronary hemodynamics and oxygen utilization.
Am J Physiol 233(1):H106–13, Jul 77
ANIMAL/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ BLOOD VISCOSITY/ CAPILLARY RESISTANCE/ CARDIAC OUTPUT/ *CORONARY CIRCULATION/ DOGS/ HEART, physiology/ *HEMATOCRIT/ HEMOGLOBINS, analysis/ *MYOCARDIUM, metabolism/ *OXYGEN CONSUMPTION/ OXYGEN, blood/ PULMONARY CIRCULATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4270. **Jancar S, Akimura OK, Dias da Silva W:** Formation of slow-reacting substance by guinea pig immunoglobulins.
Am J Pathol 85(3):531–47, Dec 76
ANIMAL/ BLOOD PLATELETS, immunology/ COMPLEMENT, metabolism/ GUINEA PIGS/ IGG, metabolism/ IGM, metabolism/ IMMUNE SERUMS/ *IMMUNOGLOBULINS, metabolism/ IMMUNOGLOBULINS, FAB, metabolism/ LEUKOCYTE COUNT/ MAST CELLS, immunology/ MODELS, BIOLOGICAL/ RABBITS/ RATS/ *SLOW-REACTING SUBSTANCES, biosynthesis/ SLOW-REACTING SUBSTANCES, metabolism

4271. **Janda R, Nowik R:** Śródnaczyniowe wykrzepianie po operacji torbieli jajnikowej u chorej z krwotocznością małopłytkową, syleczone heparyną Pol Tyg Lek 32(9):367–8, 28 Feb 77 (Eng. Abstr.) **(Pol)**
ADULT/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ OVARIAN CYSTS, complications/ *OVARIAN CYSTS, surgery/ *POSTOPERATIVE COMPLICATIONS/ *THROMBOPENIA, complications

4272. **Janes AW, Mishler JM, Lowes B:** Serial infusion effects of hydroxyethyl starch on ESR, blood typing and crossmatching and serum amylase levels. Vox Sang 32(3):131–4, 1977
*AMYLASE, blood/ *BLOOD GROUPS/ *BLOOD SEDIMENTATION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FIBRINOGEN/ HYDROXYETHYL STARCH, administration & dosage/ *HYDROXYETHYL STARCH, pharmacodynamics/ INFUSIONS, PARENTERAL/ INJECTIONS,

INTRAVENOUS/ PLASMAPHERESIS/ *STARCH, analogs & derivatives

4273. **Janik BA, Papaioannou SE:** A comparative ex vivo study of plasminogen activators and proteases for fibrinolytic activity and side effects in rabbits. Thromb Haemostas 37(1):154–61, 28 Feb 77
ANIMAL/ BRINOLASE, pharmacodynamics/ COMPARATIVE STUDY/ *FIBRINOLYSIS, drug effects/ MALE/ *PEPTIDE HYDROLASES, pharmacodynamics/ *PLASMINOGEN ACTIVATORS, pharmacodynamics/ RABBITS/ STREPTOKINASE, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UROKINASE, pharmacodynamics

4274. **Janjic I, Zuech N, Luetic V, et al:** Anestezija pri operativnim zahvatima na venama. Acta Chir Iugosl 24(2):195–200, 1977 (Eng. Abstr.) **(Scr)**
ADULT/ *ANESTHESIA, INHALATION, methods/ ENFLURANE, administration & dosage/ ENGLISH ABSTRACT/ HALOTHANE, administration & dosage/ HUMAN/ LEG, blood supply/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREANESTHETIC MEDICATION/ PULMONARY EMBOLISM, prevention & control/ *VARICOSE VEINS, surgery

4275. **Janoff A, Carp H:** Possible mechanisms of emphysema in smokers: cigarette smoke condensate suppresses protease inhibition in vitro. Am Rev Respir Dis 116(1):65–72, Jul 77
ALPHA 1-ANTITRYPSIN, pharmacodynamics/ HUMAN/ PANCREATOPEPTIDASE, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PULMONARY EMPHYSEMA, physiopathology/ *SMOKING, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4276. **Janoff A:** Editorial: timely appraisal: induction of alpha1-antitrypsin; a prophylactic treatment for pulmonary emphysema? Agents Actions 7(2): 249–50, Jul 77
*ALPHA 1-ANTITRYPSIN, biosynthesis/ FEEDBACK/ PEPTIDE FRAGMENTS, physiology/ PEPTIDE FRAGMENTS, therapeutic use/ *PULMONARY EMPHYSEMA, prevention & control/ TRYPSIN, therapeutic use

4277. **Jansen H, Oerlemans MC, Hülsmann WC:** Differential release of hepatic lipolytic activities.
Biochem Biophys Res Commun 77(3):861–7, 8 Aug 77
ANIMAL/ *CARBOXYLIC ESTER HYDROLASES, metabolism/ HEPARIN/ HEPATECTOMY/ IMMUNOASSAY/ KINETICS/ *LIPASE, metabolism/ *LIPID MOBILIZATION/ *LIVER, enzymology/ MALE/ *MONOACYLGLYCEROL LIPASES, metabolism/ PERFUSION/ *PHOSPHOLIPASE, metabolism/ RATS/ TRIGLYCERIDES

4278. **Jantet G:** Les méthodes d'exploration des thromboses veineuses des membres (phlébographie exclue)
Rev Prat 27(21):1315–8, 11 Apr 77 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ PULMONARY EMBOLISM, diagnosis/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS, diagnostic use

4279. **Jany KD, Keil W, Meyer H, et al:** Preparation of a highly purified bovine trypsin for use in protein sequence analysis.
Biochim Biophys Acta 453(1):62–6, 26 Nov 76
*AMINO ACID SEQUENCE/ ANIMAL/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN/ LACTATE DEHYDROGENASE ISOENZYMES/ METHODS/ PEPTIDE FRAGMENTS/ *TRYPSIN, isolation & purification

4280. **Jaques LB:** 'Low-dose heparin'—significance of subcutaneous injection. Thromb Res 9(2):205–8, Aug 76
ANIMAL/ *HEPARIN, administration & dosage/ HEPARIN, metabolism/ HEPARIN, pharmacodynamics/ INJECTIONS, SUBCUTANEOUS/ MICE/ RATS/ THROMBOPHLEBITIS, drug therapy

4281. **Jaques LB, Mahadoo J, Kavanagh LW:** Intrapulmonary heparin. A new procedure for anticoagulant therapy. Lancet 2(7996):1157–61, 27 Nov 76
AEROSOLS/ ANIMAL/ BIOTRANSFORMATION/ BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FOLLOW-UP STUDIES/ HALF-LIFE/ *HEPARIN, administration & dosage/ HEPARIN, blood/ HEPARIN, pharmacodynamics/ HUMAN/ MICE/ RATS/ TIME FACTORS/ TRITIUM, diagnostic use

4282. **Jaques LB, Mahadoo J, Riley JF:** The mast cell/heparin paradox. Lancet 1(8008):411–3, 19 Feb 77
ANIMAL/ BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/ DOGS/ *HEPARIN, metabolism/ HEPARIN, pharmacodynamics/ HEPARIN, secretion/ HISTAMINE/ LIVER, cytology/ MACROPHAGES, metabolism/ *MAST CELLS, metabolism/ MICE/ MUCOPOLYSACCHARIDES, metabolism/ RATS/ TISSUE EXTRACTS

4283. **Jaques PF, Richey WA, Ely CA, et al:** Doppler ultrasonic screening prior to venography for deep venous thrombosis. AJR 129(3):451–2, Sep 77
DIAGNOSTIC ERRORS/ HUMAN/ *PHLEBOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ *ULTRASONICS, diagnostic use

4284. **Jardin F, Gurdjian F, Margairaz A, et al:** Effet délétère de l'isoprénaline au cours d'une embolie pulmonaire massive. Nouv Presse Med 6(21):1878, 21 May 77 **(Fre)**
AGED/ DOPAMINE, therapeutic use/ FEMALE/ HUMAN/ *ISOPROTERENOL, adverse effects/ *PULMONARY EMBOLISM, drug therapy

4285. **Jardin F, Bardet J, Sanchez A, et al:** Massive pulmonary embolism without arterial hypoxaemia: pathophysiology in two cases. Intensive Care Med 3(2):77–80, Aug 77
AGED/ *ANOXEMIA/ CARDIAC OUTPUT/ CASE REPORT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ OXYGEN, blood/ *PULMONARY EMBOLISM, physiopathology/ PULMONARY EMBOLISM, radiography

4286. **Jardin F, Kahn JC:** L'embolie pulmonaire grave aiguë. Clinique et attitude pratique. Rev Prat 27(31):2023–7, 1 Jun 77 (14 ref.) (Eng. Abstr.) **(Fre)**
ACUTE DISEASE/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, PULMONARY, diagnosis/ OXYGEN, blood/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ PULMONARY EMBOLISM, surgery/ RADIONUCLIDE IMAGING/ REVIEW

4287. **Jardon L:** Deep vein thrombosis in surgery. Detection by the method using labelled fibrinogen.
Acta Anaesthesiol Belg 27(4):193–236, 1976
AGED/ BENZOFURANS, pharmacodynamics/ BENZOFURANS, therapeutic use/ FEMALE/ *FIBRINOGEN, diagnostic use/ HIP JOINT, surgery/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ ISONICOTINIC ACIDS, pharmacodynamics/ ISONICOTINIC ACIDS, therapeutic use/ MALE/ METHODS/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control

4288. **Jargiello P, Sushak C, Hoffee P:** 2-Deoxyribose-5-phosphate aldolase: isolation and characterization of proteins genetically modified in the active site region. Arch Biochem Biophys 177(2):630–41, Dec 76
*ALDEHYDE-LYASES/ ALDEHYDE-LYASES, isolation & purification/ ALDEHYDE-LYASES, metabolism/ BINDING SITES/ CHROMOSOME MAPPING/ DEOXYRIBOSE, analogs & derivatives/ KINETICS/ *MUTATION/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ RIBOSEMONOPHOSPHATES/ *SALMONELLA TYPHIMURIUM, enzymology/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES

GOVERNMENT SUPPORTED, N.I.H.

4289. **Jarlot D, Viallet JF, Merle P, et al:** Anatomie radiologique du médiastin de profil et applications diagnostiques
J Radiol Electrol Med Nucl 57(12):916–21, Dec 76 **(Fre)**
ADULT/ AGED/ BREAST NEOPLASMS, radiography/ CHILD/ CHILD, PRESCHOOL/ ESOPHAGEAL NEOPLASMS, radiography/ HEMATOMA, radiography/ HUMAN/ INFANT/ MEDIASTINAL NEOPLASMS, radiography/ NEOPLASM METASTASIS/ *THORACIC RADIOGRAPHY

4290. **Jarret PE, Moreland M, Browse NL:** The effect of oxpentifylline ('Trental') on fibrinolytic activity and plasma fibrinogen levels. Curr Med Res Opin 4(7):492–5, 1977
ADULT/ BLOOD CELLS, drug effects/ CLINICAL RESEARCH/ FEMALE/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ *PENTOXIFYLLINE, pharmacodynamics/ *THEOBROMINE, analogs & derivatives/ TIME FACTORS

4291. **Jarrett PE:** Raynaud's disease and oral contraceptives [letter]. Br Med J 2(6037):699, 18 Sep 76
BLOOD VISCOSITY, drug effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ESTROGENS, pharmacodynamics/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ *RAYNAUD'S DISEASE, blood

4292. **Jarrett PE, Morland M, Browse NL:** Idiopathic recurrent superficial thrombophlebitis: treatment with fibrinolytic enhancement. Br Med J 1(6066):933–4, 9 Apr 77
ADULT/ DRUG THERAPY, COMBINATION/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ PHENFORMIN, pharmacodynamics/ *PHENFORMIN, therapeutic use/ RECURRENCE/ STANOZOLOL, pharmacodynamics/ *STANOZOLOL, therapeutic use/ *THROMBOPHLEBITIS, drug therapy

4293. **Jarrett WH 2d, Hagler WS, Larose JH, et al:** Clinical experience with presumed hemangioma of the choroid: radioactive phosphorus uptake studies as an aid in differential diagnosis.
Trans Am Acad Ophthalmol Otolaryngol 81(5):862–70, Sep–Oct 76
ADULT/ AGED/ CASE REPORT/ *CHOROID NEOPLASMS, diagnosis/ CHOROID NEOPLASMS, surgery/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FUNDUS FLUORESCENCE PHOTOGRAPHY/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HUMAN/ LIGHT COAGULATION/ MALE/ MELANOMA, diagnosis/ MIDDLE AGE/ *PHOSPHORUS RADIOISOTOPES, diagnostic use/ STURGE-WEBER SYNDROME, diagnosis

4294. **Järvinen M:** Purification and properties of two protease inhibitors from rat skin inhibiting papain and other SH-proteases. Acta Chem Scand [B] 30(10):933–40, 1976
ANIMAL/ BROMELAINS, antagonists & inhibitors/ CATHEPSIN, antagonists & inhibitors/ CATS/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ CHYMOTRYPSIN, antagonists & inhibitors/ FICIN, antagonists & inhibitors/ GUINEA PIGS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ PAPAIN, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RABBITS/ RATS/ *SKIN, analysis/ TRYPSIN INHIBITORS, analysis

4295. **Jasani B, Baxter-Smith DC, Donaldson LJ, et al:** Topical thrombin and control of wound haematoma. Lancet 2(8033):332–3, 13 Aug 77
ABDOMEN, surgery/ ADMINISTRATION, TOPICAL/ ADULT/ AGED/ COMPARATIVE STUDY/ FEMALE/ FOLLOW-UP STUDIES/ HEMATOMA, occurrence/ *HEMATOMA, prevention & control/ *HEMOSTASIS, SURGICAL/ HUMAN/ IRRIGATION/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBIN, administration & dosage/ THROMBIN, therapeutic use

4296. **Jasiński K, Krug H:** Antykoagulanty w protilaktyce i terapii. Kardiol Pol 20(4):273–80, 1977 **(Pol)**
*ANTICOAGULANTS, therapeutic use/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ EMBOLISM, drug therapy/ HUMAN/ *THROMBOEMBOLISM, drug therapy/ THROMBOSIS, drug therapy

4297. **Jasper WS Sr:** Anticoagulants in open prostatectomies. J Urol 117(1):72–4, Jan 77
AGED/ COMPARATIVE STUDY/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATECTOMY/ PROSTATECTOMY, mortality/ PROSTATECTOMY, methods

4298. **Jastrzębski S, Dyszy-Laube B, Kurnatowski W, et al:** Usuwanie zębów u dzieci chorych na hemofilię A i B z zastosowaniem opatrunku z kleju chirurgicznego cyjanoakrylowego Czas Stomatol 29(9):787–92, Sep 76 (Eng. Abstr.) **(Pol)**
CHILD/ *CHRISTMAS DISEASE, complications/ *CYANOACRYLATES, therapeutic use/ ENGLISH ABSTRACT/ *HEMOPHILIA, complications/ *HEMORRHAGE, ORAL, prevention & control/ HEMOSTATICS, therapeutic use/ HUMAN/ TISSUE ADHESIVES/ *TOOTH EXTRACTION, adverse effects

4299. **Jaszczyk JR:** Aseptyczna martwica głowy kości udowej w przebiegu liszaja rumieniowatego uogólnionego.
Chir Narzadow Ruchu Ortop Pol 42(2):235–8, 1977 (Eng. Abstr.) **(Pol)**
*ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ BLOOD COAGULATION, drug effects/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *FEMUR HEAD NECROSIS, chemically induced/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy

4300. **Jaumin P, Cornu G, Vliers A, et al:** Hémolyse intravasculaire massive après fermeture de communications interventriculaires Ann Chir Thorac Cardiovasc 16(1):69–72, Jan 77 (Eng. Abstr.) **(Fre)**
CASE REPORT/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION/ ENGLISH ABSTRACT/ *HEART SEPTAL DEFECTS, VENTRICULAR, surgery/ HUMAN/ INFANT/ MALE/ *POSTOPERATIVE COMPLICATIONS/ TETRALOGY OF FALLOT, surgery

4301. **Javier G, Tusell J, Compte J, et al:** Syndrome de Wiskott-Aldrich. A propos de 3 cas dans une même famille. Nouv Rev Fr Hematol Blood Cells 18(1):182–4, 1977 **(Fre)**
ALDRICH SYNDROME, blood/ *ALDRICH SYNDROME, familial & genetic/ ALDRICH SYNDROME, immunology/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ MALE

4302. **Jean DH, Albers RW:** Immunochemical studies on the large polypeptide of electrophorus electroplax (Na+ + K+)-ATPase. Biochim Biophys Acta 452(1):219–26, 8 Nov 76
*ADENOSINE TRIPHOSPHATASE, immunology/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ ANTIGEN-ANTIBODY REACTIONS/ CELL MEMBRANE, enzymology/ *ELECTRIC ORGAN, enzymology/ ELECTROPHORUS/ ENZYME ACTIVATION/ GEL DIFFUSION TESTS/ MOLECULAR WEIGHT/ PEPTIDES, immunology/ POTASSIUM, pharmacodynamics/ SODIUM, pharmacodynamics/ TRYPSIN

4303. **Jean YC, Ache HJ:** Studies of molecular association in biological systems by positron annihilation techniques.
J Am Chem Soc 99(5):1623–5, 2 Mar 77
BUTYLAMINES/ CHEMISTRY/ CHOLECALCIFEROLS/ INDOLES/ MATHEMATICS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *VITAMIN E/ *VITAMIN K

4304. **Jeanneau C, Sultan Y, Savariau E, et al:** Localization of factor VIII/Von Willebrand protein on platelets. Electron

microscopy study with peroxidase-labelled antibodies. pp. 479–85.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.
*BLOOD COAGULATION FACTORS, analysis/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, ultrastructure/ *FACTOR VIII, analysis/ HEMOPHILIA, blood/ HUMAN/ IMMUNOENZYME TECHNICS/ MONOGRAPH/ PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, familial & genetic/ SYNDROME/ *VON WILLEBRAND FACTOR, analysis/ VON WILLEBRAND'S DISEASE, blood

4305. **Jeanty L:** 4. Hemophilia home treatment in Luxembourg. Scand J Haematol (31):17–8, 1977
*HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN/ LUXEMBOURG

4306. **Jedrzejczak WW:** Phytohaemagglutinin (PHA) skin test in predicting prognosis in cancer patients.
Int Arch Allergy Appl Immunol 51(5):574–82, 1976
ADULT/ AGED/ CACHEXIA, complications/ DRUG THERAPY, COMBINATION/ HUMAN/ MIDDLE AGE/ NEOPLASMS, complications/ *NEOPLASMS, immunology/ *PLANT AGGLUTININS, pharmacodynamics/ PROGNOSIS/ *SKIN TESTS/ STREPTOKINASE, pharmacodynamics/ TUBERCULIN TEST

4307. **Jędrzejczyk W, Kruszyński J, Buczkowski M:** Udrożnienie żył w odcinku biodrowo-udowym jako zapobieganie zatorom tętnic płucnych Pol Przegl Chir 48(12):1539–42, Dec 76 (Eng. Abstr.) **(Pol)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *FEMORAL VEIN, surgery/ HUMAN/ *ILIAC VEIN, surgery/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, surgery

4308. **Jefferis R, Mathews JB:** Studies of human IgD myeloma proteins. Proteolytic digestion patterns.
Immunochemistry 14(3):171–8, Mar 77
AMINO ACID SEQUENCE/ GEL DIFFUSION TESTS/ HUMAN/ *IGD/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, FC/ *MYELOMA PROTEINS, immunology/ PEPTIDE HYDROLASES/ TRYPSIN

4309. **Jeffery PJ, Hawley PR, Parks AG:** Colo-anal sleeve anastomosis in the treatment of diffuse cavernous haemangioma involving the rectum. Br J Surg 63(9):678–82, Sep 76
ADOLESCENCE/ ADULT/ *ANUS, surgery/ CASE REPORT/ *COLON, surgery/ FEMALE/ *HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ METHODS/ *RECTAL NEOPLASMS, surgery

4310. **Jeffery WH, Ahlin TA, Goren C, et al:** Loss of warfarin effect after occupational insecticide exposure. JAMA 236(25):2881–2, 20 Dec 76
*BENZENE HEXACHLORIDE, pharmacodynamics/ CASE REPORT/ ENZYME INDUCTION, drug effects/ HUMAN/ *INSECTICIDES, ORGANOCHLORINE, pharmacodynamics/ MALE/ MICROSOMES, enzymology/ MIDDLE AGE/ THROMBOPHLEBITIS, drug therapy/ *TOXAPHENE, pharmacodynamics/ *WARFARIN, antagonists & inhibitors/ WARFARIN, therapeutic use

4311. **Jeffery WR:** Hormonal action of 1-methyladenine: the effect of enzymatic digestion of intact starfish oocytes on the induction of meiosis. Gen Comp Endocrinol 31(3):259–69, Mar 77
*ADENINE, analogs & derivatives/ ADENINE, pharmacodynamics/ ANIMAL/ DEOXYRIBONUCLEASE, pharmacodynamics/ FEMALE/ GALACTOSIDASES, pharmacodynamics/ GUANYLORIBONUCLEASE, pharmacodynamics/ KINETICS/ *MEIOSIS, drug effects/ NEURAMINIDASE, pharmacodynamics/ OOCYTES, drug effects/ *OOCYTES, physiology/ *OVUM, physiology/ PAPAIN, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ *STARFISH, physiology/ TRYPSIN, pharmacodynamics

4312. **Jekic M, Dukic M, Jekic D, et al:** Ciljana upotreba krvi u politraumi Acta Chir Iugosl 22(1 Suppl):727–30, 1975 **(Scr)**
BLOOD GROUP INCOMPATIBILITY/ BLOOD TRANSFUSION, adverse effects/ *BLOOD TRANSFUSION, methods/ ERYTHROCYTES/ FIBRIN, administration & dosage/ FIBRINOGEN, administration & dosage/ HUMAN/ SERUM ALBUMIN, administration & dosage/ *WOUNDS AND INJURIES, therapy

4313. **Jellinek H, Hüttner I, More RH:** Characteristics and fate of vascular fibrin deposition. An electron microscopic study of hyalinosis. Exp Mol Pathol 26(3):401–14, Jun 77
ANIMAL/ AORTA, ABDOMINAL, metabolism/ AORTA, ABDOMINAL, ultrastructure/ ARTERIES, metabolism/ *ARTERIES, ultrastructure/ BASEMENT MEMBRANE, ultrastructure/ CORONARY VESSELS, metabolism/ CORONARY VESSELS, ultrastructure/ *FIBRIN/ FIBRIN, metabolism/ HYPERTENSION, MALIGNANT, metabolism/ *HYPERTENSION, MALIGNANT, pathology/ MALE/ MESENTERIC ARTERIES, metabolism/ MESENTERIC ARTERIES, ultrastructure/ PANCREAS, blood supply/ RATS

4314. **Jendritzky G, Bartsch E, Weseloh G, et al:** Einflüsse des Wettergeschehens auf die hämophile Gelenkblutung Munch Med Wochenschr 118(47):1541–4, 19 Nov 76 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ GERMANY, WEST/ *HEMARTHROSIS, occurrence/ *HEMOPHILIA, complications/ HUMAN/ *METEOROLOGICAL FACTORS

4315. **Jenkins AM, Pickin CM, Halliday IM:** Complications following use of expanded polytetrafluoroethylene (Gore-Tex) prostheses for vascular access.
J R Coll Surg Edinb 22(3):203–7, May 77
*ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ *BLOOD VESSEL PROSTHESIS, adverse effects/ COMPARATIVE STUDY/ FOREARM, blood supply/ HUMAN/ POLYTETRAFLUOROETHYLENE/ SAPHENOUS VEIN, transplantation/ THIGH, blood supply/ *THROMBOSIS, etiology/ THROMBOSIS, surgery/ TRANSPLANTATION, AUTOLOGOUS

4316. **Jenkins CS, Meyer D, Larrieu MJ:** Interaction of ristocetin and von Willebrand factor [letter]. Thromb Haemostas 35(3):752–3, 30 Jun 76
*BLOOD COAGULATION FACTORS, pharmacodynamics/ DRUG INTERACTIONS/ HUMAN/ PLATELET AGGREGATION, drug effects/ *RISTOCETIN, pharmacodynamics/ *VON WILLEBRAND FACTOR, pharmacodynamics

4317. **Jenkins CS, Cate JW, Clemetson KJ:** Platelet membrane glycoproteins: a role in the haemostatic process?
Neth J Med 19(6):291–5, 1976
BLOOD PLATELET DISORDERS, metabolism/ *BLOOD PLATELETS, metabolism/ *GLYCOPROTEINS, metabolism/ *HEMOSTASIS/ HUMAN/ *MEMBRANE PROTEINS, metabolism

4318. **Jenkins DE Jr, Moore WH:** A rapid method for the preparation of high potency auto and alloantibody eluates. Transfusion 17(2):110–4, Mar-Apr 77
ANTI-ANTIBODIES/ *ANTIBODIES, isolation & purification/ *ANTIBODY DISSOCIATION, methods/ *AUTOANTIBODIES, isolation & purification/ BLOOD PRESERVATION/ COMPARATIVE STUDY/ COOMBS' TEST/ DIGITONIN/ ERYTHROCYTES, immunology/ GLYCINE/ HUMAN/ IGG/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4319. **Jenkins RE, Tanner MJ:** Ionic-strength-dependent changes in the structure of the major protein of the human erythrocyte membrane. Biochem J 161(1):131–8, 1 Jan 77
AUTORADIOGRAPHY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ERYTHROCYTE MEMBRANE, drug effects/ *ERYTHROCYTE

MEMBRANE, metabolism/ *ERYTHROCYTES, metabolism/ HUMAN/ IODINE RADIOISOTOPES/ LACTOPEROXIDASE/ MEMBRANE PROTEINS, analysis/ *MEMBRANE PROTEINS, metabolism/ OSMOLAR CONCENTRATION/ THERMOLYSIN, pharmacodynamics/ TRYPSIN, pharmacodynamics/ TYROSINE, analysis

4320. **Jenkins RS:** Coagulation tests help stop dental chair emergencies. Dent Stud 54(5):54–5, Feb 76
*BLOOD COAGULATION TESTS/ EMERGENCIES/ SURGERY, ORAL

4321. **Jennett B:** Early complications after mild head injuries. NZ Med J 84(570):144–7, 25 Aug 76
ADULT/ BRAIN INJURIES, ACUTE, complications/ CEREBRAL ANOXIA, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CHILD/ EPILEPSY, etiology/ *HEAD INJURIES, complications/ HEAD INJURIES, diagnosis/ HEMATOMA, etiology/ HOSPITALIZATION/ HUMAN/ SKULL FRACTURES, complications/ SKULL FRACTURES, radiography/ WOUND INFECTION, etiology

4322. **Jennings JJ, Harris WH, Sarmiento A:** A clinical evaluation of aspirin prophylaxis of thromboembolic disease after total hip arthroplasty. J Bone Joint Surg [Am] 58(7):926–8, Oct 76
ADOLESCENCE/ ADULT/ AGED/ *ARTHROPLASTY/ *ASPIRIN, therapeutic use/ FEMALE/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSPECTIVE STUDIES/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, prevention & control/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control

4323. **Jensen AH, Beguin S, Josso F:** Factor V and VIII activation 'in vivo' during bleeding. Evidence of thrombin formation at the early stage of hemostasis. Pathol Biol (Paris) 24 Suppl:6–10, Dec 76
ADULT/ BLOOD COAGULATION DISORDERS, physiopathology/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ CAPILLARIES/ *FACTOR V, physiology/ *FACTOR VIII, physiology/ FACTOR X, physiology/ FEMALE/ HEMOSTASIS/ HEPARIN, pharmacodynamics/ HUMAN/ MALE/ SKIN, blood supply/ *THROMBIN, biosynthesis/ THROMBIN, physiology

4324. **Jensen F:** Diagnostiske hjaelpemidler ved mistanke om lokaliserede patologiske abdominale ansamlinger Ugeskr Laeger 139(10):571–4, 7 Mar 77 (Eng. Abstr.) **(Dan)**
*ABDOMEN/ *ABSCESS, diagnosis/ BODY FLUIDS/ ENGLISH ABSTRACT/ *GASTROINTESTINAL DISEASES, diagnosis/ *HEMATOMA, diagnosis/ HUMAN/ METHODS/ RADIONUCLIDE IMAGING/ TOMOGRAPHY, COMPUTERIZED AXIAL/ ULTRASONICS, diagnostic use

4325. **Jensen F, Pedersen JF, Kristensen JV, et al:** Ultralydundersøgelsens metodik og vaerdi ved påvisning af abdominale abscesser og haematomer Ugeskr Laeger 139(10):574–7, 7 Mar 77 (Eng. Abstr.) **(Dan)**
*ABDOMEN/ *ABSCESS, diagnosis/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ *GASTROINTESTINAL DISEASES, diagnosis/ *HEMATOMA, diagnosis/ HUMAN/ METHODS/ *ULTRASONICS, diagnostic use

4326. **Jensen GE, Clausen J, Melchior JC, et al:** Clinical, social and biochemical studies on Batten's syndrome, alias Spielmeyer-Vogot or Stengel's Syndrome. Eur Neurol 15(4):203–11, 1977
*AMAUROTIC FAMILIAL IDIOCY, diagnosis/ AMAUROTIC FAMILIAL IDIOCY, enzymology/ BLOOD PLATELETS, enzymology/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ GLUTATHIONE PEROXIDASE, blood/ HUMAN/ LEUKOCYTES, enzymology/ MALE/ PEROXIDASES, blood/ SOCIOECONOMIC FACTORS

4327. **Jensen PS, Putman CE:** Chondrocalcinosis and haemophilia. Clin Radiol 28(4):401–5, Jul 77
CARTILAGE, ARTICULAR, radiography/ CHILD/ *CHONDROCALCINOSIS, complications/ CHONDROCALCINOSIS, radiography/ *HEMOPHILIA, complications/ HUMAN/ MIDDLE AGE

4328. **Jensen R, Olin T:** Double-lumen balloon catheter. Acta Radiol [Diagn] (Stockh) 17(6):886–90, Nov 76
AGED/ AORTOGRAPHY, adverse effects/ *AORTOGRAPHY, instrumentation/ AORTOGRAPHY, methods/ CATHETERIZATION, adverse effects/ *CATHETERIZATION, instrumentation/ CATHETERIZATION, methods/ HEMATOMA, etiology/ HUMAN

4329. **Jensterle J:** Pregled bolnikov s karcinonom kardije, ki so zdravijeni v bolnišnici Celje v letih 1966–1975. Acta Chir Iugosl 24 Suppl 2:41–3, 1977 (Eng. Abstr.) **(Scr)**
ADULT/ AGED/ *CARDIA, surgery/ ENGLISH ABSTRACT/ *HOSPITALS/ HUMAN/ INTESTINAL OBSTRUCTION, etiology/ MIDDLE AGE/ PERITONITIS, etiology/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ *STOMACH NEOPLASMS, surgery/ YUGOSLAVIA

4330. **Jeremic M, Weisert O, Gedde-Dahl TW:** Factor VIII (AHG) levels in 1016 regular blood donors. The effects of age, sex, and ABO blood groups. Scand J Clin Lab Invest 36(5):461–6, Sep 76
ADULT/ AGE FACTORS/ *ABO BLOOD-GROUP SYSTEM/ *BLOOD DONORS/ *FACTOR VIII/ FACTOR VIII, analysis/ HUMAN/ MIDDLE AGE/ SEX FACTORS

4331. **Jerushalmy Z, Payta M, Pinkhas J, et al:** Alteration of rat bone marrow megakaryocytes following administration of cytosine arabinoside, daunomycin and hydroxyurea. Haemostasis 6(2):110–7, 1977
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BONE MARROW CELLS, drug effects/ *CYTARABINE, pharmacodynamics/ *DAUNOMYCIN, pharmacodynamics/ *HYDROXYUREA, pharmacodynamics/ *MEGAKARYOCYTES, drug effects/ MEGAKARYOCYTES, pathology/ RATS

4332. **Jesdinsky-Buscher C, Sutor AH:** Detection of carriers of hemophilia by hemorrhagometry. Blut 33(2):83–8, Aug 76
BLOOD COAGULATION TESTS/ COLD/ FEMALE/ *HEMOPHILIA, diagnosis/ HEMORRHAGE, diagnosis/ HUMAN/ METHODS/ SKIN, injuries/ TEMPERATURE

4333. **Jesse RL, Cohen P:** Arachidonic acid release from diacyl phosphatidylethanolamine by human platelet membranes. Biochem J 158(2):283–7, 15 Aug 76
ALDEHYDES, blood/ *ARACHIDONIC ACIDS, blood/ *BLOOD PLATELETS, metabolism/ CALCIUM, pharmacodynamics/ HUMAN/ HYDROLYSIS/ LINOLEIC ACIDS, blood/ *MEMBRANE LIPIDS/ OLEIC ACIDS, blood/ PALMITIC ACIDS, blood/ PHOSPHATIDYLCHOLINES, blood/ *PHOSPHATIDYLETHANOLAMINES, blood/ STEARIC ACIDS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4334. **Jesty J, Nemerson Y:** The activation of bovine coagulation factor X. Methods Enzymol 45:95–107, 1976
AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ CATTLE/ ENZYME ACTIVATION/ *FACTOR X/ FACTOR X, isolation & purification/ FACTOR X, metabolism/ MACROMOLECULAR SYSTEMS/ METHODS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ SNAKE VENOMS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4335. **Jewett JF:** Sickle-cell trait, thalassemia, G-6-PD deficiency and puerperal pulmonary embolism. N Engl J Med 295(19):1076–7, 4 Nov 76

ADULT/ *ANEMIA, SICKLE CELL, complications/ CASE REPORT/ FEMALE/ *GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY, complications/ HEART ARREST, complications/ HEMOTHORAX, diagnosis/ HUMAN/ MEDIASTINAL EMPHYSEMA, complications/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY/ *PUERPERAL DISORDERS, complications/ *PULMONARY EMBOLISM, complications/ *SICKLE CELL TRAIT, complications/ TACHYCARDIA, diagnosis/ *THALASSEMIA, complications/ THROMBOPHLEBITIS, diagnosis

4336. **Jick H:** The acquisition of information about drug interactions through the Boston Collaborative Drug Surveillance Program. pp. 15–9.
In: Grahame-Smith, DG, ed. Drug interactions. Baltimore, Univ Park Press, 1977. QV 38 D7932 1975.
ALLOPURINOL/ AMPICILLIN/ CHLORAL HYDRATE/ *DRUG INFORMATION SERVICES/ *DRUG INTERACTIONS/ *DRUG THERAPY, COMBINATION, adverse effects/ FEMALE/ HUMAN/ *INFORMATION SERVICES/ MALE/ MONOGRAPH/ POTASSIUM CHLORIDE/ SMOKING, complications/ SPIRONOLACTONE/ WARFARIN

4337. **Jilek F, Hörmann H:** Cold-insoluble globulin, II. Plasminolysis of cold-insoluble globulin.
Hoppe Seylers Z Physiol Chem 358(1):133–6, Jan 77
CRYOGLOBULINS, isolation & purification/ *CRYOGLOBULINS, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOLYSIN, metabolism/ IMMUNOELECTROPHORESIS/ SODIUM DODECYL SULFATE

4338. **Jilg W, Priess H, Hörmann H:** Isolation of residual fibrinogen from a supernatant of plasma precipitated with 2.1 M glycine. Thromb Res 9(5):479–89, Nov 76
ANIMAL/ BLOOD COAGULATION/ CATTLE/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ *FIBRINOGEN, isolation & purification/ FRACTIONAL PRECIPITATION/ *GLYCINE, pharmacodynamics/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ SOLUBILITY

4339. **Jílková H, Bártová A:** Prukaz HLA antigenu v antihemofilickém kryoprotienu Vnitr Lek 22(11):113–7, Nov 76 (Eng. Abstr.) **(Cze)**
ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ *CRYOGLOBULINS, immunology/ ENGLISH ABSTRACT/ *FACTOR VIII, immunology/ *HISTOCOMPATIBILITY ANTIGENS, isolation & purification/ *HL-A, isolation & purification/ HUMAN

4340. **Jiménez F E, López N ME, Quesada C E, et al:** Púrpura trombocitopénica idiopática en niños Sangre (Barc) 22(3):324–31, 1977 (Eng. Abstr.) **(Spa)**
ACUTE DISEASE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ COMPARATIVE STUDY/ COSTA RICA/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INFANT/ MALE/ *PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, occurrence/ STEROIDS, therapeutic use

4341. **Jimenez JF, Garcia Lopez F, Solé Balcells F, et al:** Hémangiome rénal. J Urol Nephrol (Paris) 83(1–2):31–40, Jan-Feb 77 (Eng. Abstr.) **(Fre)**
CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HEMATURIA, etiology/ HUMAN/ *KIDNEY NEOPLASMS/ KIDNEY NEOPLASMS, pathology/ KIDNEY NEOPLASMS, radiography/ KIDNEY, pathology/ MALE/ MIDDLE AGE

4342. **Jinbo C:** [Release reaction and adenine nucleotide metabolism of blood platelets] Jpn J Clin Hematol 17(12):1235–60, Dec 76 (107 ref.) **(Jpn)**
ADENINE NUCLEOTIDES, biosynthesis/ *ADENINE NUCLEOTIDES, metabolism/ ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE MONOPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ADENOSINE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CALCIUM, metabolism/ COLLAGEN, pharmacodynamics/ ENDOTOXINS, pharmacodynamics/ EPINEPHRINE, metabolism/ HUMAN/ METHODS/ PLATELET AGGREGATION, drug effects/ REVIEW/ SEROTONIN, metabolism/ SPECTROPHOTOMETRY/ THROMBIN, pharmacodynamics

4343. **Jirmanová I, Libelius R, Lundquist I, et al:** Protamine induced intracellular uptake of horseradish peroxidase and vacuolation in mouse skeletal muscle in vitro.
Cell Tissue Res 176(4):463–73, 24 Jan 77
ANIMAL/ BIOLOGICAL TRANSPORT, drug effects/ *CLUPEINE, pharmacodynamics/ ENDOCYTOSIS, drug effects/ HORSERADISH PEROXIDASE, metabolism/ MALE/ MICE/ MICROSCOPY, ELECTRON/ *MUSCLES, drug effects/ MUSCLES, metabolism/ MUSCLES, ultrastructure/ ORGANOIDS, metabolism/ *PROTAMINES, pharmacodynamics/ TEMPERATURE/ VACUOLES, metabolism

4344. **Jobin F:** Plaquettes sanguines et maladies cardiovasculaires. IV. Médicaments inhibant les plaquettes et antithrombotiques Union Med Can 105(8):1159–73, Aug 76 (230 ref.) (Eng. Abstr.) **(Fre)**
ADENOSINE DIPHOSPHATE, metabolism/ ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ ATHEROSCLEROSIS, drug therapy/ BLOOD COAGULATION/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ *CARDIOVASCULAR DISEASES, etiology/ DIPYRIDAMOLE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ IN VITRO/ INDOMETHACIN, pharmacodynamics/ OXYPHENBUTAZONE, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION, drug effects/ REVIEW/ SULFINPYRAZONE, pharmacodynamics/ THROMBOEMBOLISM, prevention & control/ TIME FACTORS

4345. **Jobin F:** Plaquettes sanguines et maladies cardiovasculaires ii. athérosclérose et thrombose Union Med Can 105(2):235–40, Feb 76 (29 ref.) **(Fre)**
ARTERIOSCLEROSIS OBLITERANS, blood/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ ATHEROSCLEROSIS, complications/ ATHEROSCLEROSIS, etiology/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ EMBOLISM, blood/ EMBOLISM, etiology/ HUMAN/ REVIEW/ *THROMBOSIS, blood/ THROMBOSIS, etiology

4346. **Jobin F:** Progrès médical. Plaquettes sanguines et maladies cardiovasculaires. I. Biologie plaquettaire
Union Med Can 105(2):231–5, Feb 76 (34 ref.) **(Fre)**
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ BLOOD COAGULATION/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ *CARDIOVASCULAR DISEASES, blood/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ PROSTAGLANDINS, physiology/ REVIEW

4347. **Jocobs AH:** Atopic dermatitis: clinical expression and management. Pediatr Ann 5(12):763–71, Dec 76
ADOLESCENCE/ ADULT/ ALDRICH SYNDROME, diagnosis/ CHILD/ CHILD, PRESCHOOL/ *DERMATITIS, ATOPIC, diagnosis/ DERMATITIS, ATOPIC, therapy/

DIAGNOSIS, DIFFERENTIAL/ HUMAN/ INFANT/ PSYCHOLOGY

4348. **Joehl RJ, Miller SH, Davis TS, et al:** Minor wounds in the hemophiliac patient. Pa Med 80(4):56–7, Apr 77
ADULT/ CHILD/ *HEMOPHILIA, complications/ HUMAN/ MALE/ *WOUNDS AND INJURIES, therapy

4349. **Johansson A, Mattiasson B, Mosbach K:** Immobilized enzymes in microcalorimetry. Methods Enzymol 44:659–67, 1976
CALORIMETRY, instrumentation/ *CALORIMETRY, methods/ *ENZYMES, IMMOBILIZED/ ENZYMES, IMMOBILIZED, metabolism/ GLUCOSE OXIDASE, metabolism/ KINETICS/ MICROCHEMISTRY/ TRYPSIN, metabolism

4350. **Johnson CA, Sobrinho TC, Aziz EM, et al:** Refractory coagulopathy in an infant with loss of clotting proteins into ascitic fluid. Acta Paediatr Scand 65(6):773–5, Nov 76
ASCITES, blood/ *ASCITES, complications/ ASCITIC FLUID, analysis/ *BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, metabolism/ CASE REPORT/ EXUDATES AND TRANSUDATES/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood

4351. **Johnson D, Travis J:** Inactivation of human alpha 1-proteinase inhibitor by thiol proteinases. Biochem J 163(3):639–41, 1 Jun 77
*ALPHA 1-ANTITRYPSIN/ CATHEPSIN/ ENZYME ACTIVATION/ HUMAN/ PAPAIN, metabolism/ *PEPTIDE PEPTIDOHYDROLASES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4352. **Johnson DA, Travis J:** Human alpha-1-proteinase inhibitor mechanism of action: evidence for activation by limited proteolysis. Biochem Biophys Res Commun 72(1):33–9, 7 Sep 76
*ALPHA 1-ANTITRYPSIN, metabolism/ AMINO ACID SEQUENCE/ BINDING SITES/ HUMAN/ MOLECULAR WEIGHT/ PROTEIN BINDING/ SWINE/ *TRYPSIN/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4353. **Johnson DA:** Purification and properties of rabbit trypsin. Biochim Biophys Acta 452(2):482–7, 8 Dec 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ COMPARATIVE STUDY/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR/ PANCREAS, enzymology/ RABBITS/ SPECIES SPECIFICITY/ *TRYPSIN/ TRYPSIN, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4354. **Johnson DA, Tong NT:** Pancreatic encephalopathy. South Med J 70(2):165–7, Feb 77 (20 ref.)
ACUTE DISEASE/ ADULT/ ANOXIA, complications/ ANOXIA, etiology/ *BRAIN DISEASES, etiology/ CASE REPORT/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EMBOLISM, FAT, complications/ EMBOLISM, FAT, etiology/ FEMALE/ HUMAN/ HYPERGLYCEMIA, etiology/ MALE/ NERVOUS SYSTEM DISEASES, etiology/ OSMOLAR CONCENTRATION/ *PANCREATITIS, complications/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, etiology/ REVIEW/ SYNDROME

4355. **Johnson EA, Kirkwood TB, Stirling Y, et al:** Four heparin preparations: anti-Xa potentiating effect of heparin after subcutaneous injection. Thromb Haemostas 35(3):586–91, 30 Jun 76
CALCIUM/ FACTOR X, antagonists & inhibitors/ HEPARIN, administration & dosage/ HEPARIN, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ MOLECULAR WEIGHT/ POTASSIUM/ SODIUM/ TIME FACTORS

4356. **Johnson EA, Mulloy B:** Simple metachromatic assay methods for heparin and protamine. J Pharm Pharmacol 28(11):836–7, Nov 76
CHONDROITIN, analysis/ *HEPARIN, analysis/ METHODS/ *PROTAMINES, analysis

4357. **Johnson EA, Mulloy B:** The molecular-weight range of mucosal-heparin preparations. Carbohydr Res 51(1):119–27, Oct 76
CHROMATOGRAPHY, GEL/ *HEPARIN/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ VISCOSITY

4358. **Johnson EF, Muller-Eberhard U:** Resolution of two forms of cytochrome P-450 from liver microsomes of rabbit treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin. J Biol Chem 252(9):2839–45, 10 May 77
ACETANILIDE, metabolism/ AMINOPYRINE, metabolism/ ANIMAL/ ANTIBODY FORMATION/ BENZOPYRENES, metabolism/ CATALYSIS/ COUMARINS, metabolism/ CROSS REACTIONS/ CYTOCHROME P-450, antagonists & inhibitors/ CYTOCHROME P-450, immunology/ *CYTOCHROME P-450, isolation & purification/ DEALKYLATION/ *DIOXINS, pharmacodynamics/ HYDROXYLATION/ KINETICS/ LIVER, drug effects/ MALE/ *MICROSOMES, LIVER, enzymology/ NADPH CYTOCHROME C REDUCTASE, metabolism/ RABBITS/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TETRACHLORODIBENZODIOXIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4359. **Johnson JL, Rajagopalan KV:** Tryptic cleavage of rat liver sulfite oxidase. Isolation and characterization of molybdenum and heme domains. J Biol Chem 252(6):2017–25, 25 Mar 77
ANIMAL/ BINDING SITES/ CRYSTALLIZATION/ ELECTRON SPIN RESONANCE/ *HEME, analysis/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *LIVER, enzymology/ MOLECULAR WEIGHT/ *MOLYBDENUM, analysis/ *OXIDOREDUCTASES/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ RATS/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFITES/ *TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4360. **Johnson M, Wicks TC, Fitzpatrick TM, et al:** Platelets and the vascular responses to arachidonic acid in dogs. Cardiovasc Res 11(3):238–41, May 77
ANIMAL/ *ARACHIDONIC ACIDS, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ *BLOOD PRESSURE, drug effects/ DEPRESSION, CHEMICAL/ DOGS/ FEMALE/ MALE/ SPLENECTOMY/ *VASOMOTOR SYSTEM, drug effects

4361. **Johnson RJ, Pasternack GR, Shin HS:** Antibody-mediated suppression of tumor growth. II. Macrophage and platelet cooperation with murine IgG1 isolated from alloantiserum. J Immunol 118(2):494–7, Feb 77
ANIMAL/ *ANTIBODY SPECIFICITY/ *BLOOD PLATELETS, immunology/ *CELL TRANSFORMATION, NEOPLASTIC/ *IGG, isolation & purification/ IGG, metabolism/ *IMMUNE SERUMS/ *IMMUNOSUPPRESSION/ *ISOANTIBODIES/ LYMPHOCYTES, immunology/ *MACROPHAGES, immunology/ MICE/ MICE, INBRED C3H/ MICE, INBRED C57BL/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4362. **Johnson RK, Garibjanian BT, Houchens DP, et al:** Comparison of 5-fluorouracil and ftorafur. I. Quantitative and qualitative differences in toxicity to mice. Cancer Treat Rep 60(9):1335–45, Sep 76
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG ADMINISTRATION SCHEDULE/ FEMALE/ *FLUOROURACIL, toxicity/ FTORAFUR, toxicity/ HALF-LIFE/

IMMUNITY, drug effects/ LETHAL DOSE 50/ LEUKOCYTES, drug effects/ MALE/ MICE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4363. **Johnson RL, Poisner AM:** Inhibition of pseudorenin by pepstatin. Biochem Pharmacol 26(7):639–41, 1 Apr 77
ANGIOTENSIN, metabolism/ ANIMAL/ KINETICS/ *OLIGOPEPTIDES, pharmacodynamics/ *PEPSTATINS, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ RATS/ SPLEEN, enzymology

4364. **Johnson WC, Logerfo FW, Vollman RW, et al:** Is axillo-bilateral femoral graft an effective substitute for aortic-bilateral iliac/femoral graft?: an analysis of ten years experience. Ann Surg 186(2):123–9, Aug 77
AMPUTATION/ *AORTA, surgery/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ *AXILLARY ARTERY, surgery/ *BLOOD VESSEL PROSTHESIS/ COMPARATIVE STUDY/ EVALUATION STUDIES/ EXTREMITIES, surgery/ *FEMORAL ARTERY, surgery/ FOLLOW-UP STUDIES/ HUMAN/ *ILIAC ARTERY, surgery/ METHODS/ POSTOPERATIVE COMPLICATIONS/ THROMBOSIS, surgery

4365. **Johnston BH, Johnson MA, Moore CB, et al:** Psoralen-DNA photoreaction: controlled production of mono- and diadducts with nanosecond ultraviolet laser pulses. Science 197(4306):906–8, 26 Aug 77
COLIPHAGES/ *COUMARINS/ COUMARINS, analogs & derivatives/ DNA, SINGLE STRANDED/ *DNA, VIRAL/ *FICUSIN/ FICUSIN, analogs & derivatives/ KINETICS/ LASERS/ PHOTOCHEMISTRY/ ULTRAVIOLET RAYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4366. **Johnston CI, Matthews PG, Dax E:** Renin-angiotensin and kallikrein-kinin systems in sodium homeostasis and hypertension in rats. Clin Sci Mol Med 51 Suppl 3:283s–286s, Dec 76
ANGIOTENSIN, blood/ ANIMAL/ FUROSEMIDE, pharmacodynamics/ *HYPERTENSION, RENAL, metabolism/ *KALLIKREIN, urine/ RATS/ *RENIN, blood/ SODIUM, metabolism/ WATER-ELECTROLYTE BALANCE

4367. **Johnston DE, McClure WR:** Abortive initiation of in vitro RNA synthesis on bacteriophage lambda DNA. pp. 413–28.
In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975. (16 ref.)
*COLIPHAGES, metabolism/ ESCHERICHIA COLI, enzymology/ GENES, REGULATOR/ HEPARIN, pharmacodynamics/ MODELS, BIOLOGICAL/ MONOGRAPH/ OLIGORIBONUCLEOTIDES, biosynthesis/ OPERON/ REVIEW/ RIFAMPIN, pharmacodynamics/ RNA POLYMERASES, antagonists & inhibitors/ *RNA POLYMERASES, metabolism/ *RNA, VIRAL, biosynthesis/ TEMPLATES/ *TRANSCRIPTION, GENETIC/ TRANSCRIPTION, GENETIC, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4368. **Johnston KW:** Noninvasive methods for diagnosis of peripheral vascular diseases. Compr Ther 3(8):61–5, Aug 77
AORTA, ABDOMINAL/ *AORTIC ANEURYSM, diagnosis/ *ARTERIAL OCCLUSIVE DISEASES, diagnosis/ ARTERIAL OCCLUSIVE DISEASES, physiopathology/ BLOOD PRESSURE/ DOPPLER EFFECT/ EXERTION/ HUMAN/ LEG, blood supply/ PLETHYSMOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS, diagnostic use

4369. **Johnston LH:** The use of a novel plate assay in a search for yeast mutants defective in deoxyribonucleases. Mol Gen Genet 152(3):219–22, 29 Apr 77
*DEOXYRIBONUCLEASE, metabolism/ *ENZYME TESTS, methods/ MUTATION/ PEPTIDE HYDROLASES, metabolism/ RIBONUCLEASE, metabolism/ *SACCHAROMYCES CEREVISIAE, enzymology

4370. **Johnston RN, Paul M:** Calcium influx following fertilization of Urechis caupo eggs. Dev Biol 57(2):364–74, Jun 77
ANIMAL/ ANNELIDA, physiology/ BINDING, COMPETITIVE/ BIOLOGICAL TRANSPORT, drug effects/ *CALCIUM, metabolism/ *FERTILIZATION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *OVUM, metabolism/ PROCAINE, pharmacodynamics/ SEAWATER/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ SPERM-OVUM INTERACTIONS/ TIME FACTORS/ TRYPSIN, metabolism

4371. **Johnston MFM, Eisen HN:** Cross-reactions between 2, 4-dinitrophenyl and menadione (vitamin K3) and the general problem of antibody specificity. J Immunol 117(4):1189–96, Oct 76
ANIMAL/ ANTIBODIES, isolation & purification/ *ANTIBODY SPECIFICITY/ BINDING, COMPETITIVE/ CHROMATOGRAPHY, AFFINITY/ *CROSS REACTIONS/ DIALYSIS/ *DINITROBENZENES, immunology/ FLUORESCENT ANTIBODY TECHNIC/ HAPTENS/ IMMUNE SERUMS, pharmacodynamics/ *NITROBENZENES, immunology/ PRECIPITINS, analysis/ RABBITS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, immunology

4372. **Joist JH, Lichtenfeld P, Mandell AI, et al:** Platelet function, blood coagulability, and fibrinolysis in patients with low tension glaucoma. Arch Ophthalmol 94(11):1893–5, Nov 76
AGED/ ANTITHROMBINS/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ *GLAUCOMA, blood/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET ADHESIVENESS/ *PLATELET AGGREGATION/ PLATELET FACTOR 3, analysis/ PLATELET FACTOR 4, analysis/ SEROTONIN, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4373. **Joist JH, Dolezel G, Kinlough-Rathbone R, et al:** Effect of diet-induced hyperlipidemia on in vitro-function of rabbit platelets. Thromb Res 9(5):435–45, Nov 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ *BLOOD PLATELETS, physiology/ CELLS, CULTURED/ CHOLESTEROL, blood/ COLLAGEN, pharmacodynamics/ *DIETARY FATS, adverse effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *HYPERLIPEMIA, blood/ PLATELET AGGREGATION, drug effects/ RABBITS/ SEROTONIN, secretion/ THROMBIN, pharmacodynamics/ TRIGLYCERIDES, blood

4374. **Joist JH, Dolezel G, Cucuianu MP, et al:** Inhibition and potentiation of platelet function by lysolecithin. Blood 49(1):101–12, Jan 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ *BLOOD PLATELETS, drug effects/ COLLAGEN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ LACTATE DEHYDROGENASE, metabolism/ *LYSOPHOSPHATIDYLCHOLINES, pharmacodynamics/ PHOSPHATIDYLCHOLINES, pharmacodynamics/ PHOSPHORYLCHOLINE, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ RABBITS/ SEROTONIN, metabolism/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ THROMBIN, pharmacodynamics

4375. **Joist JH, Bouhasin JD, Roodman S:** Classic hemophilia A in a female. Acta Haematol (Basel) 58(2):94–102, 1977
ANTIGENS, analysis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FACTOR VIII, analysis/ FEMALE/ *HEMOPHILIA/ HEMOPHILIA, blood/ HEMOPHILIA, diagnosis/ HEMOPHILIA, familial & genetic/ HUMAN/ MIDDLE AGE/ PEDIGREE/ PLATELET AGGREGATION/ VON WILLEBRAND FACTOR, analysis/ *VON WILLEBRAND'S

DISEASE, diagnosis

4376. **Jókay I, Karczag E:** Effect of heparin on the priming with a protein antigen in mice. Z Immunitaetsforsch 152(4):343–8, Dec 76
ADJUVANTS, IMMUNOLOGIC/ ANIMAL/ *ANTIBODY FORMATION, drug effects/ *ANTIGENS/ ENDOTOXINS/ ESCHERICHIA COLI/ FEMALE/ FREUND'S ADJUVANT/ *GLYCOGEN PHOSPHORYLASE, immunology/ *HEPARIN, pharmacodynamics/ MICE/ MICE, INBRED BALB C

4377. **Joki P, Federico J:** Myositis ossificans traumatica. Association with hemophilia (factor XI deficiency) in a football player. JAMA 237(20):2215–6, 16 May 77
ADULT/ *ATHLETIC INJURIES, etiology/ CASE REPORT/ ECCHYMOSIS, etiology/ *FACTOR XI DEFICIENCY, complications/ FOOTBALL/ HUMAN/ LEG/ MALE/ *MYOSITIS OSSIFICANS, etiology

4378. **Jollès J, Mazurier J, Boutigue MH, et al:** The N-terminal sequence of human lactotransferrin: its close homology with the amino-terminal regions of other transferrins. FEBS Lett 69(1):27–31, 15 Oct 76
AMINO ACID SEQUENCE/ CHYMOTRYPSIN/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ *LACTOFERRIN/ *LACTOGLOBULINS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PREGNANCY

4379. **Jollès J, Nussbaum JL, Schoentgen F, et al:** Structural data concerning the major rat brain myelin proteolipid P7 apoprotein. FEBS Lett 74(2):190–4, 1 Mar 77
AMINO ACID SEQUENCE/ ANIMAL/ *APOPROTEINS/ *BRAIN CHEMISTRY/ *MYELIN PROTEINS/ PEPTIDE FRAGMENTS, analysis/ *PROTEOLIPIDS/ RATS/ TRYPSIN

4380. **Jolley WB, Hinshaw DB, Call TW, et al:** Xenogeneic pancreatic islet transplantation in proteolytic enzyme-bonded diffusion chambers in diabetic rats. Transplant Proc 9(1):363–5, Mar 77
*ALLOXAN DIABETES, therapy/ ANIMAL/ BLOOD SUGAR, analysis/ DOGS/ *ISLANDS OF LANGERHANS, transplantation/ MALE/ *PEPTIDE HYDROLASES/ RATS/ TRANSPLANTATION, HETEROLOGOUS, methods

4381. **Jolly DW, Craig C, Nelson TE Jr:** Estrogen and prothrombin synthesis: effect of estrogen on absorption of vitamin K1. Am J Physiol 232(1):H12–7, Jan 77
ANIMAL/ CASTRATION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ESTROGENS, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FACTOR VII, biosynthesis/ FEMALE/ *HYPOPROTHROMBINEMIAS, etiology/ INTESTINES, metabolism/ LYMPH, metabolism/ MALE/ *PROTHROMBIN, biosynthesis/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K DEFICIENCY, complications/ *VITAMIN K, metabolism

4382. **Jolly DW, Kadis BM, Nelson TE Jr:** Estrogen and prothrombin synthesis. The prothrombinogenic action of estrogen. Biochem Biophys Res Commun 74(1):41–9, 10 Jan 77
ANIMAL/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ KINETICS/ MALE/ *METHYLTESTOSTERONE, pharmacodynamics/ *PROTHROMBIN, metabolism/ RATS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K DEFICIENCY, metabolism

4383. **Joly F, Valty J, Emar A:** Traitment anticoagulant au long cours chez les sujets âgés de plus de 75 ans. 100 observations. Arch Mal Coeur 70(5):521–9, May 77 (Eng. Abstr.) **(Fre)**
AGE FACTORS/ AGED/ *ARTERIOSCLEROSIS OBLITERANS, drug therapy/ *CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ *CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ PHENINDIONE, administration & dosage/ *PHENINDIONE, therapeutic use/ PHLEBITIS, drug therapy/ PULMONARY EMBOLISM, drug therapy/ *THROMBOEMBOLISM, drug therapy/ TIME FACTORS

4384. **Jonadet M, Bastide P:** Action d'effecteurs pharmacologiques sur les variations de l'hématocrite et de l'activité lactate déshydrogénasique au cours du choc ischémique expérimental Pathol Biol (Paris) 25(3):147–51, Mar 77 (Eng. Abstr.) **(Fre)**
ANIMAL/ *DEXAMETHASONE, therapeutic use/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ HEMATOCRIT/ *HYDROCORTISONE, therapeutic use/ INJECTIONS, INTRAVENOUS/ ISCHEMIA/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LACTATE DEHYDROGENASE, blood/ *LACTATE DEHYDROGENASE, metabolism/ MUSCLES, enzymology/ RATS/ *SHOCK, drug therapy/ TOURNIQUETS

4385. **Jonas DL:** Psychiatric aspects of hemophilia. Mt Sinai J Med NY 44(3):457–63, May-Jun 77
*ADAPTATION, PSYCHOLOGICAL/ ADULT/ *AFFECTIVE DISTURBANCES, etiology/ AGE FACTORS/ CHILD/ *HEMOPHILIA, complications/ HUMAN/ PATIENT CARE TEAM

4386. **Jones BM, Evans PM:** On the susceptibility of human platelets to aggregation by concanavalin A and the effect of this lectin on their response to ADP. Biochim Biophys Acta 448(2):368–78, 5 Oct 76
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ BINDING SITES/ CALCIUM, pharmacodynamics/ *CONCANAVALIN A, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ TEMPERATURE/ TRYPSIN

4387. **Jones CE:** Schistosoma japonicum: anti-DNA responses, serum cryogelatification, and cryoprecipitation phenomena in infected rabbits. Exp Parasitol 42(2):261–73, Aug 77
ALPHA MACROGLOBULINS/ ANIMAL/ *ANTIGEN-ANTIBODY COMPLEX/ *ANTINUCLEAR FACTORS/ COLD/ FIBRINOGEN/ GELS/ IGG/ IGM/ KIDNEY GLOMERULUS, pathology/ LIVER CIRRHOSIS/ PRECIPITATION/ RABBITS/ SCHISTOSOMA, immunology/ *SCHISTOSOMIASIS, immunology/ SCHISTOSOMIASIS, pathology

4388. **Jones DR, Webber A, Prescott RJ, et al:** [Fibrin-fibrinogen degradation products (F.D.P.) in thromboembolism and other diseases] Vasa 5(4):332–7, 1976 **(Ger)**
*FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HUMAN/ MYOCARDIAL INFARCT, blood/ PULMONARY EMBOLISM, blood/ *THROMBOEMBOLISM, blood/ THROMBOPHLEBITIS, blood

4389. **Jones EW:** Dowling oration 1976. Malignant vascular tumours. Clin Exp Dermatol 1(4):287–312, Dec 76 (65 ref.)
AGED/ ANGIOSARCOMA, diagnosis/ ANGIOSARCOMA, occurrence/ *ANGIOSARCOMA, pathology/ ANGIOSARCOMA, radiotherapy/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEAD AND NECK NEOPLASMS, diagnosis/ *HEAD AND NECK NEOPLASMS, pathology/ HEAD AND NECK NEOPLASMS, radiotherapy/ HEMANGIOENDOTHELIOMA, pathology/ HEMANGIOMA, pathology/ HUMAN/ LYMPHANGIOSARCOMA, complications/ LYMPHEDEMA, complications/ MALE/ MIDDLE AGE/ PROGNOSIS/ REVIEW/ THROMBOPHLEBITIS, pathology

4390. **Jones EW:** Proteinase mutants of Saccharomyces cerevisiae. Genetics 85(1):23–33, Jan 77
CROSSES, GENETIC/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *GENES, STRUCTURAL/ LINKAGE (GENETICS)/ MUTATION/ NAPHTHALENES/ *PEPTIDE HYDROLASES, metabolism/ PHENYLALANINE, analogs & derivatives/ PHENYLALANINE, metabolism/ *SACCHAROMYCES CEREVISIAE, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4391. **Jones JB, Southgate J:** Platelet mono-amine oxidase activity in the human fetus. Dev Med Child Neurol 18(5):640–2,

Oct 76
*BLOOD PLATELETS, enzymology/ *FETAL BLOOD, enzymology/ HUMAN/ *MONOAMINE OXIDASE, blood

4392. **Jones JB:** On the potential of soluble and immobilized enzymes in synthetic organic chemistry.
Methods Enzymol 44:831–44, 1976
*ALCOHOL OXIDOREDUCTASES/ CHEMISTRY, ORGANIC/ *CHYMOTRYPSIN/ *ENZYMES, IMMOBILIZED/ HORSES/ INDUSTRY/ LIVER, enzymology/ METHODS/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP

4393. **Jones JP, Fausto A, Houser RM, et al:** Effect of vitamin K homologues on the conversion of preprothrombin to prothrombin in rat liver microsomes.
Biochem Biophys Res Commun 72(2):589–97, 20 SEP 76
ANIMAL/ BICARBONATES, pharmacodynamics/ ENZYME PRECURSORS/ KINETICS/ MALE/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, metabolism/ OXYGEN/ PARTIAL PRESSURE/ *PROTHROMBIN, biosynthesis/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, analogs & derivatives/ VITAMIN K, pharmacodynamics

4394. **Jones MN:** A microacalorimetric study of the interaction between trypsin and sodium n-dodecyl sulphate.
Biochim Biophys Acta 491(1):121–8, 28 Mar 77
BINDING SITES/ CALORIMETRY/ DIALYSIS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ PROTEIN BINDING/ *SODIUM DODECYL SULFATE/ THERMODYNAMICS/ *TRYPSIN

4395. **Jones P:** Haemophilia. Physiotherapy 62(7):214–6, 10 Jun 76
FACTOR VIII, administration & dosage/ FACTOR VIII, therapeutic use/ HEMARTHROSIS, etiology/ *HEMOPHILIA/ HEMOPHILIA, complications/ HEMOPHILIA, drug therapy/ HUMAN/ MALE/ MIDDLE AGE

4396. **Jones P:** 5. Present hemophilia home therapy in the United Kingdom. Scand J Haematol (31):19–23, 1977
GREAT BRITAIN/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN

4397. **Jones RH, Jamieson GG, Duranceau A, et al:** Influence of heparin and isoproterenol on ventilation and perfusion following pulmonary embolism. Surg Forum 27(62):163–5, 1976
ANIMAL/ DOGS/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ INJECTIONS, INTRAVENOUS/ ISOPROTERENOL, administration & dosage/ *ISOPROTERENOL, therapeutic use/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, physiopathology/ *VENTILATION-PERFUSION RATIO

4398. **Jones SR:** Potential complications of influenza A infections.
West J Med 125(5):341–6, Nov 76
DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ *INFLUENZA, complications/ INFLUENZA, immunology/ KIDNEY FAILURE, ACUTE, etiology/ MYOCARDITIS, etiology/ NEUROLOGIC MANIFESTATIONS/ PNEUMONIA, etiology

4399. **Jones TC, Minick R, Yang L:** Attachment and ingestion of mycoplasmas by mouse macrophages. II. Scanning electron microscopic observations. Am J Pathol 87(2):347–58, May 77
ANIMAL/ ANTIBODIES, BACTERIAL/ ANTIBODY SPECIFICITY/ IN VITRO/ *MACROPHAGES, physiology/ MACROPHAGES, ultrastructure/ MICE/ MICROSCOPY, ELECTRON, SCANNING/ MYCOPLASMA, drug effects/ MYCOPLASMA, immunology/ *MYCOPLASMA, physiology/ PERITONEUM, ultrastructure/ PHAGOCYTES/ PINOCYTOSIS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4400. **Jongsma AP, Burgerhout WG:** Regional assignment of seven genes on chromosome 1 of man by use of man-Chinese hamster somatic cell hybrids. I. Results obtained after hybridization of human cells carrying reciprocal translocations involving chromosome 1.
Cytogenet Cell Genet 18(5):255–66, 1977
ANIMAL/ CELL LINE/ *CHROMOSOME ABERRATIONS/ CHROMOSOME MAPPING/ *CHROMOSOMES, HUMAN, 1–3/ FUMARATE HYDRATASE, metabolism/ *GENES/ GLUCOSEPHOSPHATE URIDYLYLTRANSFERASE, metabolism/ GUANYL CYCLASE, metabolism/ HAMSTERS/ HUMAN/ *HYBRID CELLS/ HYBRID CELLS, enzymology/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PHOSPHOGLUCOMUTASE, metabolism/ PHOSPHOGLUCONATE DEHYDROGENASE, metabolism/ PHOSPHOPYRUVATE HYDRATASE, metabolism/ *TRANSLOCATION (GENETICS)

4401. **Jonsson J, Norberg R:** Antigenic properties of a DNA-preparation from calf thymus used for the demonstration of anti-DNA.
Acta Pathol Microbiol Scand [C] 84C(6):429–41, Dec 76
ANIMAL/ ANTIGENIC DETERMINANTS/ *ANTIGENS/ ANTIGENS, analysis/ CATTLE/ CELL NUCLEUS, immunology/ DEOXYRIBONUCLEASE/ *DNA, immunology/ FLUORESCENT ANTIBODY TECHNIC/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ RIBONUCLEASE/ THYMUS GLAND, immunology/ TRYPSIN

4402. **Jonsson J, Steiner M, Klein E:** An extractable nuclear antigen not attaching to tannic acid-treated erythrocytes.
Clin Exp Immunol 25(1):144–51, Jul 76
ANIMAL/ *ANTIGENS/ ANTINUCLEAR FACTORS/ CATTLE/ *CELL NUCLEUS, immunology/ COLLAGEN DISEASES, immunology/ DEOXYRIBONUCLEASE/ *ERYTHROCYTES, immunology/ FLUORESCENT ANTIBODY TECHNIC/ HEMADSORPTION/ *HEMAGGLUTINATION TESTS/ HUMAN/ RIBONUCLEASE/ SHEEP, immunology/ TANNINS/ THYMUS GLAND, immunology/ TRYPSIN

4403. **Jonsson J, Norberg R:** Effect of enzyme treatment of Chrithidia luciliae on the reactivity of its kinetoplast with anti-DNA sera. Scand J Rheumatol 5(4):221–6, 1976
ANTIBODIES, analysis/ *COLLAGEN DISEASES, immunology/ DEOXYRIBONUCLEASE, pharmacodynamics/ *DNA, immunology/ HUMAN/ IMMUNE SERUMS/ MASTIGOPHORA, drug effects/ *MASTIGOPHORA, immunology/ RIBONUCLEASE, pharmacodynamics/ TRYPSIN, pharmacodynamics

4404. **Jorgensen PL:** Purification and characterization of (Na+ + K+)-ATPase. VI. Differential tryptic modification of catalytic functions of the purified enzyme in presence of NaCl and KCl. Biochim Biophys Acta 466(1):97–108, 1 Apr 77
ACID PHOSPHATASE, metabolism/ *ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, isolation & purification/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ BINDING, COMPETITIVE/ CELL MEMBRANE, enzymology/ ENZYME ACTIVATION, drug effects/ KIDNEY MEDULLA, enzymology/ KINETICS/ MEMBRANE PROTEINS, physiology/ *POTASSIUM CHLORIDE, pharmacodynamics/ RABBITS/ *SODIUM CHLORIDE, pharmacodynamics/ TRYPSIN

4405. **Jörnvall H:** The primary structure of yeast alcohol dehydrogenase. Eur J Biochem 72(3):425–42, Feb 77
*ALCOHOL OXIDOREDUCTASES/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ *SACCHAROMYCES CEREVISIAE, enzymology

4406. **Jörnvall H, Lange LG, Riordan JF, et al:** Identification of a reactive arginyl residue in horse liver alcohol

dehydrogenase. Biochem Biophys Res Commun 77(1):73–8, 11 Jul 77
*ALCOHOL OXIDOREDUCTASES/ ARGININE, analysis/ BINDING SITES/ CHYMOTRYPSIN/ GLYOXAL, analogs & derivatives/ HORSES/ *LIVER, enzymology/ PEPTIDE FRAGMENTS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4407. **Jortay A:** Application des essais thérapeutiques contrôlés en chirurgie Acta Chir Belg 75(1):39–103, JAN 76 (187 ref.) **(Fre)**
ANTIBIOTICS, therapeutic use/ BREAST NEOPLASMS, radiotherapy/ BREAST NEOPLASMS, surgery/ CLINICAL RESEARCH/ COLONIC NEOPLASMS, surgery/ DUODENAL ULCER, surgery/ HUMAN/ INGUINAL HERNIA, surgery/ INTESTINES, surgery/ LUNG NEOPLASMS, therapy/ MALE/ METHODS/ PORTACAVAL ANASTOMOSIS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ RECTAL NEOPLASMS, surgery/ REVIEW/ *SURGERY, OPERATIVE/ SUTURE TECHNICS/ SUTURES/ THROMBOPHLEBITIS, prevention & control/ VAGOTOMY

4408. **Joseph MH, Owen F, Baker HF, et al:** Platelet serotonin concentration and monoamine oxidase activity in unmedicated chronic schizophrenic and in schizoaffective patients. Psychol Med 7(1):159–62, Feb 77
ADULT/ *AFFECTIVE DISTURBANCES, blood/ AGED/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CHRONIC DISEASE/ HUMAN/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ REMISSION/ *SCHIZOPHRENIA, blood/ SCHIZOPHRENIA, drug therapy/ SCHIZOPHRENIA, metabolism/ *SEROTONIN, blood

4409. **Joshi BC, Jain NC:** Experimental immunologic thrombocytopenia in dogs: a study of thrombocytopenia and megakaryocytopoiesis. Res Vet Sci 22(1):11–17, Jan 77
ACETYLCHOLINESTERASE, metabolism/ ANIMAL/ BLOOD PLATELETS, immunology/ BONE MARROW CELLS, enzymology/ DOG DISEASES, blood/ *DOG DISEASES, immunology/ DOGS/ HEMATOPOIESIS/ IGG, analysis/ IGM, analysis/ MEGAKARYOCYTES, cytology/ *MEGAKARYOCYTES, immunology/ THROMBOPENIA, blood/ THROMBOPENIA, immunology/ *THROMBOPENIA, veterinary/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4410. **Joshua H, Ishay J:** Factors affecting the hemolytic activity of the oriental hornet (Vespa orientalis) venom and venom sac extracts. Toxicon 15(3):247–50, 1977
*HEMOLYSIS, drug effects/ HUMAN/ *HYMENOPTERA/ IN VITRO/ PEPTIDE HYDROLASES, antagonists & inhibitors/ TIME FACTORS/ *TISSUE EXTRACTS, pharmacodynamics/ *VENOMS, pharmacodynamics/ *WASPS

4411. **Josso F:** Les épistaxis graves au cours des syndromes hémorragiques. (A l'exception de la maladie de Rendu-Osler) Ann Otolaryngol Chir Cervicofac 93(1–2):15–21, Jan–Feb 76 (Eng. Abstr.) **(Fre)**
ADULT/ AGE FACTORS/ *BLOOD COAGULATION DISORDERS, complications/ *BLOOD PLATELET DISORDERS, complications/ BLOOD PROTEIN DISORDERS, complications/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *EPISTAXIS, etiology/ EPISTAXIS, therapy/ FEMALE/ HEMOSTATIC TECHNICS/ HUMAN/ KIDNEY FAILURE, CHRONIC, complications/ LIVER DISEASES, complications/ MALE/ SEX FACTORS/ THROMBOPENIA, complications/ *VON WILLEBRAND'S DISEASE, complications

4412. **Joubert FJ:** Snake venom toxins. The amino acid sequences of two toxins (CM-2a and CM-3) from Naja haje annulifera (Egyptian cobra) venom.
Hoppe Seylers Z Physiol Chem 358(3):377–90, Mar 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ COMPARATIVE STUDY/ DISULFIDES, analysis/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *SNAKE VENOMS/ SNAKE VENOMS, isolation & purification/ SPECIES SPECIFICITY/ TRYPSIN

4413. **Joubert FJ:** Snake venom toxins. The amino-acid sequences of three toxins (9B, 11 and 12A) from Hemachatus haemachatus (Ringhals) venom. Eur J Biochem 74(2):387–96, 1 Apr 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHYMOTRYPSIN/ DISULFIDES/ GEL DIFFUSION TESTS/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS, analysis/ *SNAKE VENOMS/ THERMOLYSIN/ TRYPSIN

4414. **Joubert FJ:** Hemachatus haemachatus (Ringhals) venom. Purification, some properties and amino-acid sequence of phospholipase A (fraction DE-I). Eur J Biochem 52(3):539–44, 1 Apr 75
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHYMOTRYPSIN/ ISOENZYMES, isolation & purification/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOLIPASE/ PHOSPHOLIPASE, isolation & purification/ *SNAKE VENOMS/ SNAKE VENOMS, isolation & purification/ SPECIES SPECIFICITY/ TRYPSIN

4415. **Jounela A:** Kliinis-farmakologisia näkökohtia sydäninfarktin hoidossa Duodecim 93(2):153–61, 1977 **(Fin)**
ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ARRHYTHMIA, drug therapy/ DIURETICS, therapeutic use/ DRUG INTERACTIONS/ HUMAN/ LIDOCAINE, therapeutic use/ *MYOCARDIAL INFARCT, drug therapy/ PROCAINE AMIDE, therapeutic use

4416. **Juan SM, Cazzulo JJ:** The extracellular protease from Pseudomonas fluorescens. Experientia 32(9):1120–22, 15 Sep 76
CASEIN, metabolism/ CATIONS, DIVALENT, pharmacodynamics/ CULTURE MEDIA/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GELATIN, metabolism/ HEMOGLOBINS, metabolism/ HYDROGEN-ION CONCENTRATION/ METALLOPROTEINS, analysis/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PHENANTHROLINES, pharmacodynamics/ *PSEUDOMONAS FLUORESCENS, enzymology

4417. **Judkiewicz L, Kałużna J, Pajszczyk-Kieszkiewicz T, et al:** Leczenie przeciwzakrzepowe u kobiet w ciąży z wszczepionymi sztucznymi zastawkami. Kardiol Pol 20(3):201–5, 1977 (Eng. Abstr.) **(Pol)**
ADULT/ *ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ FETUS, drug effects/ GESTATIONAL AGE/ *HEART VALVE DISEASES, complications/ *HEART VALVE PROSTHESIS/ HUMAN/ MATERNAL-FETAL EXCHANGE/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY

4418. **Judson PA, Anstee DJ:** Comparative effect of trypsin and chymotrypsin on blood group antigens. Med Lab Sci 34(1):1–6, Jan 77
*BLOOD GROUPS/ *CHYMOTRYPSIN, pharmacodynamics/ COMPARATIVE STUDY/ ERYTHROCYTE MEMBRANE, drug effects/ HUMAN/ PRONASE, pharmacodynamics/ *TRYPSIN, pharmacodynamics

4419. **Juel-Jensen B:** Severe chickenpox and purpura fulminans in zoster treated with vidarabine.
J Antimicrob Chemother 2(3):261–4, Sep 76
ADULT/ AGED/ *ARABINOFURANOSYLADENINE, therapeutic use/ CASE REPORT/ CHICKENPOX, complications/ *CHICKENPOX, drug therapy/ HUMAN/ MALE/ *PURPURA, drug therapy/ PURPURA, etiology/ PURPURA, microbiology/

*VARICELLA-ZOSTER VIRUS

4420. **Juhlin L, Shelley WB:** Radially oriented fibrin crystallisation. A new test for endotoxin sensitivity in man. Lancet 1(8001):21–3, 1 Jan 77
BACTERIAL INFECTIONS, blood/ BLOOD PLATELETS/ CRYSTALLIZATION/ DERMATITIS, blood/ *ENDOTOXINS, blood/ ENTEROBACTERIACEAE/ *FIBRIN/ HEMOLYSIS/ HUMAN/ *HYPERSENSITIVITY, blood/ IN VITRO/ PSEUDOMONAS AERUGINOSA/ PSORIASIS, blood/ STREPTOCOCCUS/ VASCULAR DISEASES, blood

4421. **Juhlin L, Shelley WB:** Oriented fibrin crystallization: A phenomenon of hypersensitivity to bacteria in psoriasis, vasculitis and other dermatoses. Br J Dermatol 96(6):577–86, Jun 77
*ANTIGENS, BACTERIAL/ BACTERIAL TOXINS/ CRYSTALLIZATION/ FEMALE/ *FIBRIN/ HUMAN/ *HYPERSENSITIVITY/ MALE/ POLYSACCHARIDES, BACTERIAL/ *PSORIASIS, immunology/ *SKIN DISEASES, immunology

4422. **Julia A, Miller SP:** Idiopathic thrombocytopenic purpura in Hodgkin's disease after splenectomy. Am J Hematol 1(1):115–20, 1976
ADULT/ CASE REPORT/ *HODGKIN'S DISEASE, complications/ HUMAN/ MALE/ PREDNISONE, therapeutic use/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, etiology/ *SPLENECTOMY, adverse effects

4423. **Juliano RL:** The role of drug delivery systems in cancer chemotherapy. Prog Clin Biol Res 9:21–32, 1976
ANIMAL/ COLCHICINE, blood/ COLCHICINE, therapeutic use/ ERYTHROCYTES, metabolism/ HALF-LIFE/ HUMAN/ KINETICS/ LIPOSOMES, metabolism/ *LIPOSOMES, therapeutic use/ *NEOPLASMS, drug therapy/ ORGAN SPECIFICITY/ RATS/ SIALOGLYCOPROTEINS, blood/ TRYPSIN/ ULTRAFILTRATION

4424. **Juliano RL, Gagalang E:** The adhension of Chinese hamster cells. I. Effects of temperature, metabolic inhibitors and proteolytic dissection of cell surface macromolecules. J Cell Physiol 92(2):209–20, Aug 77
*ANTIMETABOLITES, pharmacodynamics/ *CELL ADHESION/ CELL ADHESION, drug effects/ CELL LINE/ CELL MEMBRANE, ultrastructure/ COLCHICINE, pharmacodynamics/ CYANIDES, pharmacodynamics/ CYTOCHALASIN B, pharmacodynamics/ KINETICS/ *MEMBRANE PROTEINS, physiology/ PROTEIN DENATURATION/ TEMPERATURE/ *TRYPSIN, pharmacodynamics

4425. **Julkunen RJ:** pH-dependency in diffusion of some weakly acidic drugs, warfarin, sulfaethidole, and barbital, into organic phases. Med Biol 55(1):41–7, Feb 77
ALCOHOLS, OCTYL/ *BARBITAL, metabolism/ *BARBITURATES, metabolism/ BUFFERS/ CYCLOHEXANES/ DIFFUSION/ HYDROGEN-ION CONCENTRATION/ INTESTINAL ABSORPTION/ METHODS/ MODELS, BIOLOGICAL/ PHOSPHATIDYLCHOLINES, pharmacodynamics/ *SULFAETHIDOLE, metabolism/ *SULFATHIAZOLES, metabolism/ *WARFARIN, metabolism

4426. **Jullien GL, Kalofoutis AT:** The action of two alkylating agents on the cyclic AMP system. pp. 97–100.
In: Deutsch E, et al., ed. Molecular base of malignancy. Stuttgart, Thieme, 1976. QZ 202 M718 1976.
*ALKYLATING AGENTS, pharmacodynamics/ *AMINOCAPROIC ACIDS, pharmacodynamics/ ANIMAL/ *AZO COMPOUNDS, pharmacodynamics/ CATTLE/ LIVER, enzymology/ MONOGRAPH/ MYOCARDIUM, enzymology/ NORLEUCINE, analogs & derivatives/ *NORLEUCINE, pharmacodynamics/ *PHOSPHODIESTERASES, metabolism/ *3',5'-CYCLIC AMP PHOSPHODIESTERASE, metabolism

4427. **al-Jumaili IJ:** Physical properties and the fine structure of proteocines. Zentralbl Bakteriol [Orig A] 235(4):421–32, Aug 76
ADSORPTION/ *BACTERIOCINS, analysis/ BACTERIOCINS, isolation & purification/ CHROMATOGRAPHY, GEL/ DIFFUSION/ FREEZING/ HEAT/ MICROSCOPY, ELECTRON/ *PROTEUS, analysis/ TRYPSIN

4428. **Jung EG:** Die Strahlentherapie der Hämangiome Dermatologica 153(2):86–7, 1976 **(Ger)**
CHILD/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FOLLOW-UP STUDIES/ *HEMANGIOMA, radiotherapy/ HUMAN/ *SKIN NEOPLASMS, radiotherapy

4429. **Jung EG, Köhler U:** Rückbildung frühkindlicher Hämangiome nach Röntgen- und Pseudobestrahlung. Arch Dermatol Res 259(1):21–8, 21 Jul 77 (Eng. Abstr.) **(Ger)**
COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, physiopathology/ *HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ MALE/ *NEOPLASM REGRESSION, SPONTANEOUS/ PROSPECTIVE STUDIES/ SKIN NEOPLASMS, physiopathology/ *SKIN NEOPLASMS, radiotherapy/ SKIN PIGMENTATION

4430. **Jung G:** Die Strahlentherapie der Hämangiome Z Hautkr 51 Suppl 2:64, 1976 **(Ger)**
CHILD/ CHILD, PRESCHOOL/ CLINICAL RESEARCH/ EVALUATION STUDIES/ *HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ PROSPECTIVE STUDIES/ *SKIN NEOPLASMS, radiotherapy

4431. **Jungi TW:** Monocyte and neutrophil chemotactic activity of normal and diluted human serum and plasma. Int Arch Allergy Appl Immunol 53(1):18–28, 1977
ANTIGEN-ANTIBODY COMPLEX/ BLOOD COAGULATION/ *CHEMOTAXIS, LEUKOCYTE/ CHEMOTAXIS, LEUKOCYTE, drug effects/ COMPLEMENT/ FIBRINOLYSIS/ FILTRATION/ HEAT/ HUMAN/ IN VITRO/ ISOFLUROPHATE, pharmacodynamics/ KALLIKREIN/ *MONOCYTES, immunology/ *NEUTROPHILS, immunology

4432. **Jurasek L, Olafson RW, Johnson P, et al:** Relationships between the structures and activities of some microbial serine proteases. I. Purification, enzymic properties and primary structures of Streptomyces griseus protease A, B and trypsin. pp. 93–123.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (44 ref.)
AMINO ACID SEQUENCE/ BINDING SITES/ ISOENZYMES, isolation & purification/ ISOENZYMES, metabolism/ KINETICS/ MOLECULAR MODELS/ MONOGRAPH/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PRONASE, isolation & purification/ PRONASE, metabolism/ PROTEIN BINDING/ PROTEIN CONFORMATION/ REVIEW/ SPECIES SPECIFICITY/ *STREPTOMYCES GRISEUS, enzymology/ TRYPSIN INHIBITORS/ *TRYPSIN/ TRYPSIN, metabolism

4433. **Jurkiewicz J, Czernicki Z:** Niebezpieczeństwa niekontrolowanego stosowania środków odwadniających Neurol Neurochir Pol 11(2):251–3, Mar–Apr 77 (Eng. Abstr.) **(Pol)**
ADULT/ BLOOD VISCOSITY, drug effects/ BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, drug therapy/ CASE REPORT/ *DEHYDRATION, chemically induced/ DIAGNOSTIC ERRORS/ ENGLISH ABSTRACT/ *FUROSEMIDE, adverse effects/ FUROSEMIDE, therapeutic use/ HUMAN/ MALE/ *THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, complications

4434. **Jusic M, Hinze H, Holzer H:** Inactivation of yeast enzymes by proteinase A and B and carboxypeptidase Y from yeast. Hoppe Seylers Z Physiol Chem 357(5):735–40, May 76
CARBOXYPEPTIDASES, pharmacodynamics/ *ENZYME INHIBITORS/ GLUCOSE, pharmacodynamics/ HEXOSEDIPHOSPHATASE, metabolism/ LYASES, metabolism/ MALATE

DEHYDROGENASE, metabolism/ OXIDOREDUCTASES, metabolism/ *PEPTIDE HYDROLASES, pharmacodynamics/ *SACCHAROMYCES CEREVISIAE, drug effects/ SACCHAROMYCES CEREVISIAE, enzymology/ TRANSFERASES, metabolism

4435. **Jusic M, Seifert S, Weiss E, et al:** Isolation and characterization of a membrane-bound proteinase from rat liver. Arch Biochem Biophys 177(2):355–63, Dec 76
ANIMAL/ CARCINOMA, EHRLICH TUMOR/ CATIONS, DIVALENT/ CATIONS, MONOVALENT/ DRUG STABILITY/ HISTONES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ *MEMBRANE PROTEINS/ MEMBRANE PROTEINS, isolation & purification/ MEMBRANES, enzymology/ MICE/ *MITOCHONDRIA, LIVER, enzymology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP

4436. **Just M, Habermann E:** The renal handling of biologically active peptides. Contrib Nephrol 1:62–8, 1975
ANIMAL/ CENTRIFUGATION, DENSITY GRADIENT/ IN VITRO/ KALLIKREIN-TRYPSIN INACTIVATOR, diagnostic use/ KALLIKREIN-TRYPSIN INACTIVATOR, metabolism/ *KIDNEY, metabolism/ KIDNEY, ultrastructure/ LYSOSOMES, metabolism/ *PEPTIDES, metabolism/ RATS/ SUBCELLULAR FRACTIONS, metabolism/ TIME FACTORS

4437. **Justice AW, Chappuis-Arndt E:** Sex specific differences in chlorimipramine inhibition of serotonin uptake in human platelets. Eur J Pharmacol 40(1):21–5, Nov 76
*BLOOD PLATELETS, drug effects/ *CHLORIMIPRAMINE, pharmacodynamics/ *DIBENZAZEPINES, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ MENSTRUATION/ *SEROTONIN, blood/ SEX FACTORS

K

4438. **Kaasch H, Schlunk T, Göitner E:** Ultraschall-Venendiagnostik vor und nach vaginalen Uterusexstirpationen Geburtshilfe Frauenheilkd 37(2):160–4, Feb 77 (Eng. Abstr.) **(Ger)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL VEIN/ HUMAN/ *HYSTERECTOMY/ *HYSTERECTOMY, VAGINAL/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, diagnosis/ *THROMBOPHLEBITIS, diagnosis/ THROMBOSIS, diagnosis/ *ULTRASONICS, diagnostic use

4439. **Kabir S, Rosenstreich DL:** Binding of bacterial endotoxin to murine spleen lymphocytes. Infect Immun 15(1):156–64, Jan 77
ANIMAL/ *B-LYMPHOCYTES, immunology/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ENDOTOXINS, pharmacodynamics/ FEMALE/ GLYCOLIPIDS, pharmacodynamics/ HEAT/ LIPOPOLYSACCHARIDES, pharmacodynamics/ MICE/ MICE, INBRED C3H/ MICE, NUDE/ MITOGENS, pharmacodynamics/ NEURAMINIDASE, pharmacodynamics/ POLYSACCHARIDES, BACTERIAL, pharmacodynamics/ *RECEPTORS, DRUG/ *SALMONELLA/ *SPLEEN, cytology/ *T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics

4440. **Kaczurba M:** Obraz radiologiczny pierwotnych złośliwych nowotworów kości pochodzenia naczyniowego. Pol Przegl Radiol 41(2):111–7, Mar-Apr 77 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ AGED/ BONE CYST, diagnosis/ *BONE NEOPLASMS, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ GLOMANGIOMA, radiography/ *HEMANGIOENDOTHELIOMA, radiography/ *HEMANGIOPERICYTOMA, radiography/ HUMAN/ LYMPHANGIOMA, radiography/ MALE/ MIDDLE AGE

4441. **Kadar A:** Scanning electron microscopy of purified elastin with and without enzymatic digestion. Adv Exp Med Biol 79:71–96, 1977
ANIMAL/ AORTA, ultrastructure/ BINDING SITES/ CHICK EMBRYO/ COLLAGEN/ *ELASTIN/ ELASTIN, isolation & purification/ ELASTIN, metabolism/ GLYCOPROTEINS/ HUMAN/ LIGAMENTS, ultrastructure/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ PANCREATOPEPTIDASE, metabolism/ TRYPSIN, metabolism

4442. **Kadmon D, Rozin R, Merhav A, et al:** [Multiple giant hepatic hemangiomas] Harefuah 90(10):470–3, 16 May 76 (Eng. Abstr.) **(Heb)**
CASE REPORT/ ENGLISH ABSTRACT/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, therapy/ HUMAN/ *LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, therapy/ MIDDLE AGE/ *NEOPLASMS, MULTIPLE PRIMARY, diagnosis

4443. **Kaelin AC, Andes WA:** The choice of water for coagulation tests [letter] Thromb Haemostas 37(3):570–1, 30 Jun 77
*BLOOD COAGULATION TESTS/ HUMAN/ *WATER

4444. **Kaftori JK, Rosenberger A, Pollack S, et al:** Rectus sheath hematoma: ultrasonographic diagnosis. Am J Roentgenol 128(2):283–5, Feb 77
*ABDOMINAL WALL/ ADOLESCENCE/ AGED/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMATOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ MUSCULAR DISEASES, diagnosis/ *ULTRASONICS, diagnostic use

4445. **Kagami M:** [Determination of prothromboplastin factors (Factors VIII, IX, XI and XII)] Jpn J Clin Med 34 suppl:2407–24, 1976 (294 ref.) **(Jpn)**
BLOOD COAGULATION DISORDERS, blood/ CHRISTMAS DISEASE, blood/ CHRISTMAS DISEASE, familial & genetic/ *FACTOR IX, analysis/ *FACTOR VIII, analysis/ *FACTOR XI, analysis/ *FACTOR XII, analysis/ FEMALE/ HEMOPHILIA, blood/ HEMOPHILIA, familial & genetic/ HUMAN/ MALE/ MENSTRUATION/ METHODS/ PREGNANCY/ PUERPERIUM/ REVIEW/ VON WILLEBRAND'S DISEASE, blood

4446. **Kagawa Y, Kanno T, Sano H, et al:** [Thalamic hemorrhage –clinical classification based on the CT findings and its surgical treatment– (author's transl)] Neurol Med Chir (Tokyo) 17(3 Pt 2):243–51, May 77 (Eng. Abstr.) **(Jpn)**
ADULT/ AGED/ *CEREBRAL HEMORRHAGE, radiography/ CEREBRAL HEMORRHAGE, surgery/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, radiography/ HEMATOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ *THALAMUS/ *TOMOGRAPHY, COMPUTERIZED AXIAL

4447. **Kageler WV, Moake JL, Garcia CA:** Spontaneous hyphema associated with ingestion of aspirin and ethanol. Am J Ophthalmol 82(4):631–4, Oct 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ *ALCOHOL, ETHYL, adverse effects/ *ASPIRIN, adverse effects/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ CASE REPORT/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HUMAN/ *HYPHEMA, chemically induced/ HYPHEMA, physiopathology/ PLATELET AGGREGATION, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4448. **Kahane I, Tully JG:** Binding of plant lectins to mycoplasma cells and membranes. J Bacteriol 128(1):1–7, Oct 76
ACHOLEPLASMA LAIDLAWII, metabolism/ *ACHOLEPLASMA, metabolism/ CELL MEMBRANE, metabolism/ CONCANAVALIN A, metabolism/ MYCOPLASMA MYCOIDES,

metabolism/ *MYCOPLASMA, metabolism/ *PLANT AGGLUTININS/ PRONASE, pharmacodynamics/ RECEPTORS, CONCANAVALIN A, drug effects/ *RECEPTORS, DRUG/ RECEPTORS, DRUG, drug effects/ TRYPSIN, pharmacodynamics

4449. **Kahl C:** Eine interessante Appendektomie. Blutung durch subseröses Hämangiom der Appendixspitze unter dem Bilde einer Appendicitis Chirurg 48(3):189–90, Mar 77 **(Ger)**
APPENDECTOMY/ APPENDICEAL NEOPLASMS, complications/ *APPENDICEAL NEOPLASMS, diagnosis/ *APPENDICITIS, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA, complications/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HEMORRHAGE, GASTROINTESTINAL, etiology/ *HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ MALE

4450. **Kahn A, Baran D, Spehl M, et al:** Congenital stridor in infancy. Clinical lessons derived from a survey of 31 instances. Clin Pediatr (Phila) 16(1):19–26, Jan 77
*AIRWAY OBSTRUCTION, congenital/ AIRWAY OBSTRUCTION, etiology/ ARTERIOVENOUS MALFORMATIONS, complications/ CASE REPORT/ CYSTS, complications/ FEMALE/ HEMANGIOMA, complications/ HUMAN/ INFANT/ INFANT, NEWBORN/ LARYNGEAL DISEASES, congenital/ LARYNGEAL DISEASES, complications/ MALE/ TRACHEAL DISEASES, congenital/ TRACHEAL DISEASES, etiology

4451. **Kahn A, Vandenbogaert N, Cremer N, et al:** Intramural hematoma of the alimentary tract in two hemophilic children. Helv Paediatr Acta 31(6):503–7, Apr 77
BARIUM SULFATE, diagnostic use/ CASE REPORT/ CHILD/ *COLONIC DISEASES, etiology/ *DUODENAL DISEASES, etiology/ *HEMATOMA, etiology/ HEMATOMA, therapy/ *HEMOPHILIA, complications/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE

4452. **Kahn RA, Coburn T:** Platelet-leukapheresis technics [letter] Transfusion 17(4):397–8, Jul–Aug 77
ABO BLOOD-GROUP SYSTEM/ BLOOD GROUP INCOMPATIBILITY/ BLOOD PLATELETS/ HUMAN/ LEUKOCYTES/ *PLASMAPHERESIS

4453. **Kaĭdash AN, Galankin VN, Mogilevskiĭ ZB, et al:** Tromboz levogo predserdiia pri revmaticheskikh porokikh serdtsa Grudn Khir (1):27–30, Jan–Feb 76 (Eng. Abstr.) **(Rus)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *HEART ATRIUM/ HUMAN/ MALE/ MIDDLE AGE/ *RHEUMATIC HEART DISEASE, complications/ *THROMBOSIS, etiology

4454. **Kaĭdash AN, Kurochkina AI, Tsvetkov AA, et al:** Kiagnostika tromboza levogo predserdiia u bol'nykh revmaticheskimi porokami serdtsa s pomoshch'iu metoda glavnykh komponent Kardiologiia 16(10):104–8, Oct 76 (Eng. Abstr.) **(Rus)**
AURICULAR FIBRILLATION, complications/ ENGLISH ABSTRACT/ HEART ATRIUM/ HUMAN/ MATHEMATICS/ METHODS/ PROBABILITY/ *RHEUMATIC HEART DISEASE, complications/ *THROMBOSIS, diagnosis

4455. **Kaindl F, Zilcher H:** Fortschritte be der Behandlung des akuten Myokardinfarkts.1. teil Acta Med Austriaca 3(1):1–12, 1976 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ BRADYCARDIA, therapy/ DIGITALIS GLYCOSIDES, therapeutic use/ EARLY AMBULATION/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, therapeutic use/ HEART FAILURE, CONGESTIVE, therapy/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, drug therapy/ *MYOCARDIAL INFARCT, therapy/ PARENTERAL FEEDING/ PULMONARY EDEMA, therapy/ SHOCK, CARDIOGENIC, therapy/ TACHYCARDIA, therapy

4456. **Kairaluoma MI, Karkola®P, Heikkinen D, et al**Mesenteric infarction. Am J Surg 133(2):188–93, Feb 77
ADULT/ AGED/ EMBOLISM, complications/ FEMALE/ HUMAN/ INFARCTION/ INTESTINES, blood supply/ MALE/ *MESENTERIC ARTERIES/ *MESENTERIC VASCULAR OCCLUSION, diagnosis/ MESENTERIC VASCULAR OCCLUSION, etiology/ MIDDLE AGE/ THROMBOSIS, complications

4457. **Kairaluoma MI, Tarkka M, Mokka RE, et al:** Traumatic splenic rupture. Ann Chir Gynaecol 66(3):154–159, 1977
ACCIDENTS/ ACCIDENTS, TRAFFIC/ ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ DRAINAGE/ HUMAN/ IATROGENIC DISEASE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, mortality/ SPLENECTOMY/ *SPLENIC RUPTURE/ SPLENIC RUPTURE, etiology/ SPLENIC RUPTURE, mortality/ SPLENIC RUPTURE, surgery/ THROMBOCYTOSIS, etiology/ THROMBOEMBOLISM, etiology/ WOUNDS, NONPENETRATING/ WOUNDS, PENETRATING

4458. **Kakkar VV:** Diagnosi della flebotrombosi Recent Prog Med (Roma) 60(1):13–30, Jan 76 (34 ref.) (Eng. Abstr.) **(Ita)**
ADULT/ AGED/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ RADIOISOTOPE DILUTION TECHNIC/ REVIEW/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ ULTRASONICS, diagnostic use

4459. **Kakkar VV, Corrigan TP:** Efficacy of low-dose heparin in preventing postoperative fatal pulmonary embolism: results of an international multicentre trial. pp. 229–45.

In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
ADULT/ FEMALE/ HEMORRHAGE, chemically induced/ *HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MONOGRAPH/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, mortality/ *PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, therapy/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, prevention & control

4460. **Kakkar VV, Corrigan TP, Fossard DP, et al:** Prevention of Fatal Postoperative pulmonary embolism by low doses of heparin. Reappraisal of results of international multicentre trial. Lancet 1(8011):567–9, 12 Mar 77
CLINICAL RESEARCH/ COMPARATIVE STUDY/ ENGLAND/ EVALUATION STUDIES/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INTERNATIONAL COOPERATION/ IRELAND/ POSTOPERATIVE COMPLICATIONS, mortality/ POSTOPERATIVE COMPLICATIONS, occurrence/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, mortality/ PULMONARY EMBOLISM, occurrence/ *PULMONARY EMBOLISM, prevention & control/ SWITZERLAND

4461. **Kakkar VV:** The prevention of acute pulmonary embolism. Br J Hosp Med 18(1):32–40, Jul 77
ADULT/ ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ DEXTRAN, therapeutic use/ EARLY AMBULATION/ FEMALE/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ LEG, blood supply/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, prevention & control/ PREGNANCY/ *PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control

4462. **Kakkar VV:** Review of present status of prophylaxis of venous thromboembolism. Trans Med Soc Lond 91:35–7, 1975
ADULT/ HEPARIN, therapeutic use/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

4463. **Kakkar VV:** Fibrinogen uptake test for detection of deep vein thrombosis--a review of current practice. Semin Nucl Med 7(3):229–44, Jul 77 (67 ref.)
CEREBROVASCULAR DISORDERS, complications/ FEMALE/ FEMORAL NECK FRACTURES, complications/ *FIBRINOGEN, diagnostic use/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ IODINE RADIOISOTOPES, analysis/ *IODINE RADIOISOTOPES, diagnostic use/ ISOTOPE LABELING/ *LEG, blood supply/ MATERNAL-FETAL EXCHANGE/ MILK, HUMAN, analysis/ MYOCARDIAL INFARCT, complications/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ PUERPERIUM/ PULMONARY EMBOLISM, complications/ RADIATION DOSAGE/ REVIEW/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control

4464. **Kakkar VV:** Prevention of fatal post-operative pulmonary embolism. Triangle 16(1):63–7, 1977
ANTICOAGULANTS, therapeutic use/ DIHYDROERGOTAMINE, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PULMONARY EMBOLISM, prevention & control

4465. **Kakkar VV:** Diagnosis of deep vein thrombosis and pulmonary embolism. Triangle 16(1):1–9, 1977
FIBRINOGEN, diagnostic use/ FIBRINOGEN, metabolism/ HUMAN/ LUNG, radiography/ *PULMONARY EMBOLISM, diagnosis/ RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, diagnosis/ THROMBOSIS, radiography/ ULTRASONICS, diagnostic use

4466. **Kalendovsky Z, Austin JH:** Changes in blood clotting systems during migraine attacks. Headache 16(6):293–312, Jan 77
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ FEMALE/ HUMAN/ MALE/ *MIGRAINE, blood

4467. **Kalins' ka LM, Mèstèchkina AIa:** Peptid-gidrolazna aktivnist' u subklitinnikh fraktsiiakh mozku kroliv za umov adrenalektomii ta vvedennia gidrokortizonu i AKTG. Ukr Biokhim Zh 49(4):92–6, Jul-Aug 77 (Eng. Abstr.) **(Ukr)**
*ADRENALECTOMY/ ANIMAL/ BRAIN, drug effects/ *BRAIN, enzymology/ *CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT/ *HYDROCORTISONE, pharmacodynamics/ LYSOSOMES, enzymology/ MALE/ MICROSOMES, enzymology/ MITOCHONDRIA, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RABBITS/ SOLUBILITY/ SUBCELLULAR FRACTIONS, enzymology

4468. **Kalishevskaia TM, Farber BL:** Gipotalamus i éfferentnye puti ego vliianiia na protivosvertyvaiuschuiu sistemu krovi Fiziol Zh SSSR 62(9):1337–42, SEP 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION/ BRAIN MAPPING/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ *HYPOTHALAMUS, physiology/ MALE/ NEURONS, EFFERENT, physiology/ RATS

4469. **Kalishevskaia TM, Pochukaeva LS:** Ispol'zovanie protaminsul'fata, épsilon-aminokapronovoĭ kisloty i serotonina pri éksperimental'noĭ gipofibrinogenemii i fibrinolize, obuslovlennykh vozbuzhdeniem protivosvertyvaiushcheĭ sistemy Biol Nauki (10):69–75, 1976 **(Rus)**
*AFIBRINOGENEMIA, drug therapy/ AFIBRINOGENEMIA, etiology/ *AMINOCAPROIC ACIDS, therapeutic use/ ANIMAL/ ATROPINE, diagnostic use/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, etiology/ COMPARATIVE STUDY/ DRUG COMBINATIONS/ EPINEPHRINE, administration & dosage/ FEMALE/ FIBRINOGEN, administration & dosage/ FIBRINOLYSIN, administration & dosage/ *FIBRINOLYSIS/ HEPARIN, administration & dosage/ PLASMINOGEN, administration & dosage/ *PROTAMINES, therapeutic use/ RATS/ SEROTONIN, administration & dosage/ *SEROTONIN, therapeutic use/ THROMBIN/ *6-AMINOCAPROIC ACID, therapeutic use

4470. **Kallenberger A, Marxer M:** Vergleichende klinische und histologische Untersuchungen an Extraktionswunden mit und ohne lokale Applikation eines Salicylsäurepräparates (Apernyl) SSO 87(5):381–94, May 77 (Eng. Abstr.) **(Ger)**
ALVEOLAR PROCESS, pathology/ BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/ DRUG EVALUATION/ DRY SOCKET, prevention & control/ ENGLISH ABSTRACT/ GRANULATION TISSUE, drug effects/ HUMAN/ OSTEOGENESIS, drug effects/ PAIN, drug therapy/ *SALICYLIC ACIDS, therapeutic use/ TOOTH EXTRACTION/ *WOUND HEALING/ WOUND HEALING, drug effects

4471. **Kallichurum S:** The heart in cardiomyopathy: a postmortem study. S Afr Med J 50(41):1585–91, 25 Sep 76
ADOLESCENCE/ ADULT/ AGED/ AUTOPSY/ FEMALE/ HEART ENLARGEMENT, complications/ HEART ENLARGEMENT, pathology/ HEART VENTRICLE, pathology/ HUMAN/ LUNG, pathology/ MALE/ MIDDLE AGE/ MYOCARDIAL DISEASES, PRIMARY, complications/ *MYOCARDIAL DISEASES, PRIMARY, pathology/ *MYOCARDIUM, pathology/ ORGAN WEIGHT/ PULMONARY EMBOLISM, pathology/ PULMONARY HEART DISEASE, pathology

4472. **Kalný J, Spatenka J, Cholt M:** Mobinuv-Uddinuv kaválni filtr k prevenci plicní embolie. Cas Lek Cesk 116(15):462–6, 15 Apr 77 (Eng. Abstr.) **(Cze)**
AGED/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *FILTRATION, instrumentation/ FILTRATION, methods/ HUMAN/ MIDDLE AGE/ *PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, complications/ *VENAE CAVAE

4473. **Kaltman SI, Sladen A:** Current concepts of the adult respiratory distress syndrome. J Oral Surg 35(8):652–9, Aug 77
ADRENAL CORTEX HORMONES, therapeutic use/ BACTERIAL INFECTIONS, etiology/ BLOOD PRESSURE/ CAPILLARY PERMEABILITY/ CARBON DIOXIDE, blood/ EMBOLISM, FAT, complications/ HEART CATHETERIZATION/ HUMAN/ INFUSIONS, PARENTERAL/ INTUBATION, INTRATRACHEAL/ LUNG DISEASES, etiology/ LUNG, blood supply/ LUNG, pathology/ OXYGEN, blood/ POSITIVE-PRESSURE RESPIRATION/ PULMONARY ALVEOLI, physiopathology/ PULMONARY EDEMA, complications/ PULMONARY EDEMA, physiopathology/ PULMONARY EMBOLISM, complications/ *RESPIRATORY DISTRESS SYNDROME, ADULT/ RESPIRATORY DISTRESS SYNDROME, ADULT, blood/ RESPIRATORY DISTRESS SYNDROME, ADULT, etiology/ RESPIRATORY DISTRESS SYNDROME, ADULT, pathology/ RESPIRATORY DISTRESS SYNDROME, ADULT, physiopathology/ RESPIRATORY DISTRESS SYNDROME, ADULT, therapy/ VENTILATION-PERFUSION RATIO/ WATER

4474. **Kalus WH, Filby WG:** Formation of monoanion radicals in reactions of vitamin K3 with sodium sulphite. Experientia 32(11):1366–8, 15 Nov 76
CHEMISTRY/ ELECTRON SPIN RESONANCE/ FREE RADICALS/ HYDROGEN-ION

CONCENTRATION/ *SULFITES/ *VITAMIN K

4475. **Kamaev MF, Vashchuk VV:** Izmenenie proteoliticheskoĭ aktivnosti krovi u bol'nykh s ostroĭ ozhogovoĭ toksemiei Probl Gematol Pereliv Krovi 21(8):20–2, Aug 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ BURNS, blood/ *BURNS, enzymology/ BURNS, urine/ ENGLISH ABSTRACT/ HUMAN/ *PEPTIDE HYDROLASES, blood/ UROKINASE, urine

4476. **Kameno Y, Nakano N, Baba S:** Studies on a polarographic determination method of serum cholesterol.
Clin Chim Acta 77(3):245–55, 15 Jun 77
CHOLESTEROL ESTERASE, blood/ CHOLESTEROL ESTERS, blood/ *CHOLESTEROL, blood/ EVALUATION STUDIES/ HUMAN/ HYDROLYSIS/ HYDROXYSTEROID DEHYDROGENASES, blood/ KINETICS/ LIPOPROTEIN LIPASE, blood/ OXYGEN CONSUMPTION/ POLAROGRAPHY

4477. **Kameyama M:** [(6) Disseminated intravascular coagulation syndrome and cerebrovascular diseases (author's transl)]
J Jpn Soc Intern Med 65(12):1380–4, 10 Dec 76 **(Jpn)**
AGED/ CEREBROVASCULAR DISORDERS, blood/ *CEREBROVASCULAR DISORDERS, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ HEMATOCRIT/ HUMAN/ MALE/ MIDDLE AGE

4478. **Kaminjolo JS, Nyindo MB, Sayer PD, et al:** Identification of Ehrlichia canis in East Africa. Vet Rec 99(22):434–5, 27 Nov 76
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CASE REPORT/ *DOG DISEASES, microbiology/ DOGS/ *EHRLICHIA, isolation & purification/ FEVER, veterinary/ KENYA/ MALE/ MONOCYTES, microbiology/ *RICKETTSIACEAE, isolation & purification/ RICKETTSIAL INFECTIONS, microbiology/ *RICKETTSIAL INFECTIONS, veterinary

4479. **Kaminskaia GO, Serebrianaia BA, Dmitrenko LV, et al:** O patogeneze gemokoaguliatsionnykh oslozhnenii pri ftiziokhirurgicheskikh vmeshatel'stvakh Probl Tuberk (6):48–53, Jun 76 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ MOSCOW/ *PNEUMONECTOMY, adverse effects/ *POSTOPERATIVE COMPLICATIONS, etiology/ TIME FACTORS/ TUBERCULOSIS, PULMONARY, complications/ *TUBERCULOSIS, PULMONARY, surgery

4480. **Kamiya T, Koie K, Ishiguro J, et al:** Classical haemorphilia in girl with 46, XX karyotype and no family history of bleeding disorder [letter]. Lancet 1(8014):756–7, 2 Apr 77
CASE REPORT/ CHILD/ FEMALE/ HEMOPHILIA, blood/ *HEMOPHILIA, familial & genetic/ HUMAN/ KARYOTYPING/ SEX CHROMOSOMES, analysis

4481. **Kamm R, Shapiro AH:** Hemodynamics of external pneumatic compression. pp. 125–9.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976.
AIR/ *HEMODYNAMICS/ HUMAN/ MONOGRAPH/ *PRESSURE/ *THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, physiopathology

4482. **Kanamori M:** Biological activities of endotoxins from Yersinia enterocolitica. Jpn J Microbiol 20(4):273–80, Aug 76
ADJUVANTS, IMMUNOLOGIC/ ANIMAL/ BACTERIAL PROTEINS, analysis/ CARBOHYDRATES, analysis/ *ENDOTOXINS/ ENDOTOXINS, analysis/ ENDOTOXINS, pharmacodynamics/ FEVER, chemically induced/ GLUCOSAMINE, analysis/ LIPID A, analysis/ *LIPOPOLYSACCHARIDES/ LIPOPOLYSACCHARIDES, analysis/ LIPOPOLYSACCHARIDES, pharmacodynamics/ MICE/ *POLYSACCHARIDES, BACTERIAL/ POLYSACCHARIDES, BACTERIAL, analysis/ POLYSACCHARIDES, BACTERIAL, pharmacodynamics/ PYROGENS/ RABBITS/ SHWARTZMAN PHENOMENON, chemically induced/ *YERSINIA/ YERSINIA, analysis

4483. **Kanaoka Y, Takahashi T, Nakayama H:** A new fluorogenic substrate for aminopeptidase.
Chem Pharm Bull (Tokyo) 25(2):362–3, Feb 77
*AMINOPEPTIDASES, metabolism/ *COUMARINS, metabolism/ FLUORESCENCE

4484. **Kanazawa H, Ishimitsu S, Sakane M, et al:** Chymopapain II. Photooxidation of histidine residues.
Chem Pharm Bull (Tokyo) 24(12):3088–92, Dec 76
BROMOSUCCINIMIDE/ *CHYMOPAPAIN, radiation effects/ HISTIDINE, analysis/ *HISTIDINE, radiation effects/ *LIGHT/ OXIDATION-REDUCTION/ *PEPTIDE PEPTIDOHYDROLASES, radiation effects/ PHOTOCHEMISTRY/ TRYPTOPHAN, radiation effects

4485. **Kanazawa H:** Acid proteases. I. Inactivation of Cladosporium acid protease by diazoacetyl-DL-norleucine methyl ester as an active-site-directed irreversible inhibitor.
J Biochem (Tokyo) 81(6):1739–44, Jun 77
AZO COMPOUNDS, pharmacodynamics/ BINDING SITES/ *CLADOSPORIUM, enzymology/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ *MONILIALES, enzymology/ NORLEUCINE, analogs & derivatives/ NORLEUCINE, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors

4486. **Kaneda N, Sasaki T, Hayashi K:** The amino acid sequence of cardiotoxin-analogue IV from the venom of Naja naja atra. FEBS Lett 70(1):217–22, Nov 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ HEART, drug effects/ PEPTIDE FRAGMENTS, analysis/ *SNAKE VENOMS/ SNAKE VENOMS, isolation & purification/ SNAKE VENOMS, pharmacodynamics/ TRYPSIN

4487. **Kaneda N, Sasaki T, Hayashi K:** Amino acid sequence of cardiotoxin-analogue II from the venom of Naja Naja Atra. Biochem Biophys Res Commun 72(4):1450–5, 18 Oct 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CYANOGEN BROMIDE/ HEART, drug effects/ PEPTIDE FRAGMENTS, analysis/ *SNAKE VENOMS/ SNAKE VENOMS, pharmacodynamics/ TRYPSIN

4488. **Kaneda N, Sasaki T, Hayashi K:** Primary structures of cardiotoxin analogues II and IV from the venom of Naja jaja atra. Biochim Biophys Acta 491(1):53–66, 28 Mar 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BIOLOGICAL ASSAY/ CELL SURVIVAL, drug effects/ CYANOGEN BROMIDE/ HEART, drug effects/ PEPTIDE FRAGMENTS, pharmacodynamics/ RATS/ SARCOMA, YOSHIDA, physiopathology/ *SNAKE VENOMS/ SNAKE VENOMS, isolation & purification/ SNAKE VENOMS, pharmacodynamics/ TRYPSIN

4489. **Kaneko M, Koba T, Yokoyama T:** Early surgical treatment for hypertensive intracerebral hemorrhage.
J Neurosurg 46(5):579–83, May 77
ADULT/ AGED/ CEREBRAL HEMORRHAGE, complications/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, surgery/ *HEMATOMA, surgery/ HUMAN/ HYPERTENSION, complications/ MIDDLE AGE/ TIME FACTORS

4490. **Kanfer A, Sraer JD, Feintuch MJ, et al:** Insuffisance rénale aiguë au cours de la périartérite noueuse
Nouv Presse Med 5(30):1883–8, 18 Sep 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ ARTERITIS, complications/ AUTOIMMUNE DISEASES, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ HYPERTENSION, diagnosis/ IGG, analysis/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY FAILURE, ACUTE, drug therapy/ *KIDNEY FAILURE, ACUTE, etiology/

KIDNEY GLOMERULUS, immunology/ KIDNEY GLOMERULUS, pathology/ MALE/ MIDDLE AGE/ *PERIARTERITIS NODOSA, complications/ PERIARTERITIS NODOSA, pathology

4491. **Kang EP, Triantaphyllopoulos DC:** Digestion of amidinated and phenylglyoxal treated fibrinogen by plasmin. Thromb Res 9(3):261–6, Sep 76
AMIDINES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIN, metabolism/ GLYOXAL/ HUMAN/ PEPTIDES, analysis/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4492. **Kang EP, Triantaphyllopoulos DC:** Fibrin digestion by thrombin. Comparison with plasmin-digested fibrinogen. Biochim Biophys Acta 490(2):430–42, 22 Feb 77
BLOOD COAGULATION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR XIII, isolation & purification/ *FIBRIN/ *FIBRINOGEN/ *FIBRINOLYSIN/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *THROMBIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4493. **Kangarloo H, Beachley MC, Ghahremani GG:** The radiographic spectrum of pulmonary complications in burn victims. Am J Roentgenol 128(3):441–5, Mar 77
ADOLESCENCE/ ADULT/ AGED/ *BURNS, complications/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ MIDDLE AGE/ PULMONARY EDEMA, etiology/ *PULMONARY EDEMA, radiography/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, radiography/ RESPIRATORY DISTRESS SYNDROME, ADULT, etiology/ *RESPIRATORY DISTRESS SYNDROME, ADULT, radiography

4494. **Kania J, Brown DT:** The functional repressor parts of a tetrameric lac repressor-beta-galactosidase chimaera are organized as dimers. Proc Natl Acad Sci USA 73(10):3529–33, Oct 76
*BACTERIAL PROTEINS/ BACTERIAL PROTEINS, metabolism/ CHEMISTRY/ CHYMOTRYPSIN/ DNA, BACTERIAL, metabolism/ ESCHERICHIA COLI/ *GALACTOSIDASES/ GENES, REGULATOR/ IMIDES/ IODINE/ LACTOSE, metabolism/ MICROSCOPY, ELECTRON/ OPERON/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN

4495. **Kaniak J, Kotschy M, Kurzawska M, et al:** Krzepliwość krwi w chorobie niedokrwiennej serca leczonej neuroleptoanalgezją II Pol Tyg Lek 31(32):1377–9, 9 Aug 76 (Eng. Abstr.) **(Pol)**
*BLOOD COAGULATION, drug effects/ *CORONARY DISEASE, blood/ CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ *NEUROLEPTOANALGESIA/ TRANQUILIZING AGENTS, administration & dosage/ *TRANQUILIZING AGENTS, pharmacodynamics/ TRANQUILIZING AGENTS, therapeutic use

4496. **Kaniak J, Kotschy M, Kurzawska M, et al:** Aktywność koagulacyjna, fibrynolityczna krwi i zachowanie się krwinek płytkowych w przewlekłej obwodowej niewydolności tętniczej Pol Tyg Lek 31(41):1757–60, 11 Oct 76 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ *ARTERIOSCLEROSIS OBLITERANS, blood/ *BLOOD COAGULATION/ *BLOOD PLATELETS/ CHRONIC DISEASE/ *DIABETIC ANGIOPATHIES, blood/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ LEG, blood supply/ MALE/ *THROMBOANGIITIS OBLITERANS, blood

4497. **Kaniak J, Kotschy M, Kurzawska M, et al:** Zachowanie się układu kalikreinogen-kalikreina we krwi chorych z powikłaniami naczyniowymi cukrzycy Pol Tyg Lek 32(19):705–7, 9 May 77 (Eng. Abstr.) **(Pol)**
ADULT/ AGED/ *DIABETES MELLITUS, blood/ *DIABETIC ANGIOPATHIES, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KALLIKREIN, blood/ MALE/ MIDDLE AGE/ PREKALLIKREIN, blood

4498. **Kannangara PN, Kirk JA:** Synovial fluid in the calf. Rheumatol Rehabil 15(3):136–7, Aug 76
CASE REPORT/ FEMALE/ HUMAN/ *KNEE JOINT/ *LEG, blood supply/ MALE/ RUPTURE, SPONTANEOUS/ *SYNOVIAL FLUID/ THROMBOSIS, etiology

4499. **Kan'shina NF:** Voprosy patomorfologii generalizovannogo femomena Sanarelli-Shvarttsmanna pri endotoksinovom shoke Arkh Patol 38(11):26–33, 1976 (Eng. Abstr.) **(Rus)**
ABORTION, SEPTIC, complications/ ADRENAL CORTEX, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KIDNEY, pathology/ NECROSIS/ PITUITARY GLAND, ANTERIOR, pathology/ PREGNANCY/ PUERPERAL INFECTION, complications/ SHOCK, SEPTIC, complications/ SHOCK, SEPTIC, etiology/ *SHOCK, SEPTIC, pathology/ SHWARTZMAN PHENOMENON, complications/ SHWARTZMAN PHENOMENON, etiology/ *SHWARTZMAN PHENOMENON, pathology/ THROMBOSIS, etiology

4500. **Kanter SA:** Angiography management complications. AORN J 26(1):94–5, 98–9, Jul 77
*ANGIOGRAPHY, adverse effects/ ARRHYTHMIA/ BLOOD VESSELS, injuries/ CONTRAST MEDIA, adverse effects/ DRUG HYPERSENSITIVITY/ EMBOLISM, etiology/ HEMORRHAGE, etiology/ HUMAN/ THROMBOSIS, etiology

4501. **Kapaun W, Meier-Cabell E, Müller-Wieland K, et al:** Verteilungsmuster von Lipase-Isoenzymen--erste klinische Erfahrungen. Verh Dtsch Ges Inn Med 82 Pt 1:963–5, 1976 **(Ger)**
HUMAN/ *ISOENZYMES, blood/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *LIPASE, blood/ PANCREATIC DISEASES, diagnosis

4502. **Kapitulnik J, Popper PJ, Conney AH:** Comparative metabolism of benzo[a]pyrene and drugs in human liver. Clin Pharmacol Ther 21(2):166–76, Feb 77
ADOLESCENCE/ ADULT/ AGED/ ANTIPYRINE, metabolism/ BENZOPYRENE HYDROXYLASE, metabolism/ *BENZOPYRENES, metabolism/ COMPARATIVE STUDY/ COUMARINS, metabolism/ *DRUGS, metabolism/ FEMALE/ HEXOBARBITAL, metabolism/ HUMAN/ HYDROXYLASES, metabolism/ IN VITRO/ LIVER, enzymology/ *LIVER, metabolism/ MALE/ MIDDLE AGE/ OXIDOREDUCTASES, metabolism/ ZOXAZOLAMINE, metabolism

4503. **Kaplan AP, Meier HL, Mandle R Jr:** The Hageman factor dependent pathways of coagulation, fibrinolysis, and kinin-generation. Semin Thromb Hemostas 3(1):1–26, Jul 76 (128 ref.)
BLOOD COAGULATION/ COMPLEMENT, metabolism/ FACTOR XI, isolation & purification/ FACTOR XII, antagonists & inhibitors/ *FACTOR XII, metabolism/ FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS/ HUMAN/ KALLIKREIN, metabolism/ KININOGENS, metabolism/ *KININS, biosynthesis/ MOLECULAR WEIGHT/ PLASMINOGEN ACTIVATORS, isolation & purification/ PLASMINOGEN, metabolism/ PREKALLIKREIN, isolation & purification/ PREKALLIKREIN, metabolism/ REVIEW

4504. **Kaplan BS, Thomson PD, de Chadarévian JP:** The hemolytic uremic syndrome. Pediatr Clin North Am 23(4):761–77, Nov 76 (87 ref.)
ADOLESCENCE/ BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ CAPILLARIES, pathology/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ HEMODIALYSIS/ *HEMOLYTIC-UREMIC SYNDROME/ HEMOLYTIC-UREMIC SYNDROME, diagnosis/ HEMOLYTIC-UREMIC

SYNDROME, occurrence/ HEMOLYTIC-UREMIC SYNDROME, pathology/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, RENAL, drug therapy/ KIDNEY FUNCTION TESTS/ KIDNEY GLOMERULUS, pathology/ MALE/ PROGNOSIS/ REVIEW/ STREPTODORNASE AND STREPTOKINASE, therapeutic use

4505. **Kaplan JA, Cannarella C, Jones EL, et al:** Autologous blood transfusion during cardiac surgery. A re-evaluation of three methods. J Thorac Cardiovasc Surg 74(1):4–10, Jul 77
AORTOCORONARY BYPASS/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *BLOOD TRANSFUSION, AUTOLOGOUS, methods/ BLOOD VOLUME/ COMPARATIVE STUDY/ EVALUATION STUDIES/ *HEART SURGERY/ HEART VALVE PROSTHESIS/ HEPARIN/ HUMAN/ PLASMA/ POSTOPERATIVE COMPLICATIONS

4506. **Kaplan P, Hollenberg RD, Fraser FC:** A spinal arteriovenous malformation with hereditary cutaneous hemangiomas. Am J Dis Child 130(12):1329–31, Dec 76
*ARTERIOVENOUS MALFORMATIONS, complications/ CASE REPORT/ FEMALE/ HEMANGIOMA, complications/ *HEMANGIOMA, familial & genetic/ HUMAN/ INFANT/ PARAPLEGIA, etiology/ SKIN NEOPLASMS, complications/ *SKIN NEOPLASMS, familial & genetic/ SPINAL CANAL, abnormalities/ *SPINAL CORD, blood supply

4507. **Kaplan R:** Sensitivity reaction--chymopapain vs. radiographic dye [letter] Anesthesiology 47(4):399–400, Oct 77
*CHYMOPAPAIN, adverse effects/ *DIATRIZOATE, analogs & derivatives/ *DRUG HYPERSENSITIVITY, etiology/ HUMAN/ *MEGLUMINE DIATRIZOATE, adverse effects/ *PEPTIDE PEPTIDOHYDROLASES, adverse effects

4508. **Kapmeyer W, Pfleiderer G:** Characterisation of a highly hydrophobically modified lactate dehydrogenase. Biochim Biophys Acta 481(2):328–39, 12 Apr 77
AMINOCAPROIC ACIDS, pharmacodynamics/ BINDING SITES/ DRUG STABILITY/ HEAT/ INDICATORS AND REAGENTS/ *LACTATE DEHYDROGENASE/ LACTATE DEHYDROGENASE, metabolism/ LYSINE, analysis/ MYOCARDIUM, enzymology/ NITROBENZENES, pharmacodynamics/ PROTEIN BINDING/ PROTEIN DENATURATION/ SWINE

4509. **Kapp J, Mahaley MS, Odom GL:** Cerebral vasospasm [letter]. Surg Neurol 6(6):334, Dec 76
ANIMAL/ BASILAR ARTERY/ BLOOD PLATELETS/ CATS/ *CEREBRAL ISCHEMIA, TRANSIENT, chemically induced/ CHOLINE, pharmacodynamics/ *EPINEPHRINE/ *NOREPINEPHRINE/ *SEROTONIN/ SEROTONIN, blood/ VASODILATOR AGENTS

4510. **Kappey F, Thümler P, Meyer W:** Aneurysma infolge Patch-Nekrose nach Carotisgabel-Thrombendarterektomie Vasa 5(1):58–60, 1976 **(Ger)**
*ANEURYSM, etiology/ CAROTID ARTERIES/ *ENDARTERECTOMY, adverse effects/ FEMALE/ HUMAN/ MIDDLE AGE/ THROMBOSIS, surgery/ TRANSPLANTATION, HOMOLOGOUS/ VEINS, transplantation

4511. **Kar NC, Pearson CM:** A calcium-activated neutral protease in normal and dystrophic human muscle. Clin Chim Acta 73(2):293–7, 1 Dec 76
*CALCIUM, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *MUSCLES, enzymology/ *MUSCULAR DYSTROPHY, enzymology/ *PEPTIDE HYDROLASES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4512. **Karadsheh NS, Uyeda K, Oliver RM:** Studies on structure of human erythrocyte phosphofructokinase. J Biol Chem 252(10):3515–24, 25 May 77
AMINO ACIDS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ERYTHROCYTES, enzymology/ GUANIDINES/ HUMAN/ ISOENZYMES, blood/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ MUSCLES, enzymology/ PEPTIDES, analysis/ PHOSPHOFRUCTOKINASE, analysis/ *PHOSPHOFRUCTOKINASE, blood/ PROTEIN CONFORMATION/ TRYPSIN/ ULTRACENTRIFUGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4513. **Karadžic A, Subotic S, Micanovic V, et al:** Vreme i redosled hirurških intervencija kod politraumatizovanih Acta Chir Iugosl 22(1 Suppl):625–7, 1975 (Eng. Abstr.) **(Scr)**
BLOOD TRANSFUSION, AUTOLOGOUS/ ENGLISH ABSTRACT/ HEART MASSAGE/ HEMOSTASIS/ HUMAN/ PATIENT CARE TEAM/ TIME FACTORS/ *WOUNDS AND INJURIES, surgery/ WOUNDS AND INJURIES, therapy

4514. **Karaidashov EA, Biro NA, Panteleeva NS:** O18-obmennye reaktsii, kataliziruemye subfragmentom 1 molekuly miozina Biokhimiia 41(8):1454–9, Aug 76 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ *MYOSIN, metabolism/ *OXYGEN/ *PEPTIDE FRAGMENTS, metabolism/ PEPTIDE HYDROLASES, metabolism

4515. **Karal-Ogly RD:** Sluchaĭ anafilakticheskogo shoka posle vvedeniia khimopsina Zh Ushn Nos Gorl Bolezn (3):102–3, May-Jun 76 **(Rus)**
*ANAPHYLAXIS, etiology/ CASE REPORT/ *CHYMOTRYPSIN, adverse effects/ FEMALE/ HUMAN/ MAXILLARY SINUS/ MIDDLE AGE/ SINUSITIS, drug therapy

4516. **Karam KS, Hajj SN:** Mesenteric hematoma--meckel's diverticulum: a rare laparoscopic complication. Fertil Steril 28(9):1003–5, Sep 77
ADULT/ CASE REPORT/ FEMALE/ *HEMATOMA, etiology/ HUMAN/ *LAPAROSCOPY, adverse effects/ *MECKEL'S DIVERTICULUM, complications/ MESENTERIC ARTERIES/ *MESENTERY/ *STERILIZATION, TUBAL, adverse effects

4517. **Karastanev I, Atanasov K:** Narusheniia fibrinoliticheskoĭ aktivnosti mochi pri nekotorykh pochechnykh zabolevaniiakh Urol Nefrol (Mosk) (3):19–21, May-Jun 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ KIDNEY DISEASES, enzymology/ *KIDNEY DISEASES, urine/ MALE/ MIDDLE AGE/ UROKINASE, urine

4518. **Karavaeva NN, Mukhiddinova NG:** Mnozhestvennost' molekuliarnykh form i termostabil'nost' proteazy griba Torula thermophila shtamm uzPT-1 Biokhimiia 41(11):2001–6, Nov 76 (Eng. Abstr.) **(Rus)**
CHEMISTRY/ *CRYPTOCOCCUS, enzymology/ DRUG STABILITY/ ENGLISH ABSTRACT/ HEAT/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PROTEIN CONFORMATION

4519. **Karino T, Goldsmith HL:** Flow behaviour of blood cells and rigid spheres in an annular vortex. Philos Trans R Soc Lond [Biol] 279(967):413–45, 10 Jun 77
ANIMAL/ ATHEROSCLEROSIS, physiopathology/ *BLOOD CELLS, physiology/ BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ CELL MOVEMENT/ FROGS/ HUMAN/ IN VITRO/ LATEX PARTICLES/ MODELS, BIOLOGICAL/ RANA CATESBEIANA/ *RHEOLOGY

4520. **Karl H:** Pelvines Stenosesyndrom SCHNEIDER-FISCHER (Fall 27). Z Hautkr 52(15):821–2, 1 Aug 77 **(Ger)**
ADULT/ CASE REPORT/ HEMOSIDEROSIS, etiology/ HUMAN/ INGUINAL CANAL/ MALE/

PELVIS, blood supply/ SCLERODERMA, CIRCUMSCRIBED, etiology/ *THROMBOPHLEBITIS, complications/ VARICOSE VEINS, etiology

4521. **Karle H:** Idiopatisk trombocytopenisk purpura Ugeskr Laeger 139(2):89–90, Jan 77 **(Dan)**
HUMAN/ *PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOPENIC, therapy

4522. **Karlin CA, Brower AC:** Multiple primary hemangiomas of bone. AJR 129(1):162–4, Jul 77
ADULT/ ANGIOMATOSIS, pathology/ ANGIOMATOSIS, radiography/ BONE NEOPLASMS, pathology/ *BONE NEOPLASMS, radiography/ CASE REPORT/ HEMANGIOMA, pathology/ *HEMANGIOMA, radiography/ HUMAN/ MALE/ NEOPLASMS, MULTIPLE PRIMARY, pathology/ *NEOPLASMS, MULTIPLE PRIMARY, radiography

4523. **Karlov VA, Karakhan VB:** O gormetonii pri cherepno-mozgovoĭ travme (obzor literatury). Zh Nevropatol Psikhiatr 77(5):759–64, 1977 (134 ref.) **(Rus)**
ADOLESCENCE/ *BRAIN INJURIES, ACUTE, complications/ BRAIN INJURIES, ACUTE, diagnosis/ BRAIN INJURIES, ACUTE, pathology/ BRAIN, pathology/ CEREBRAL HEMORRHAGE, complications/ CHILD/ CONTUSIONS/ *DECEREBRATE STATE, etiology/ DECEREBRATE STATE, pathology/ DECEREBRATE STATE, therapy/ HEMATOMA/ HUMAN/ PROGNOSIS/ REVIEW/ *SKULL, injuries/ SYNDROME

4524. **Karpatkin M, Siskind GW, Karpatkin S:** The platelet factor 3 immunoinjury technique re-evaluated. Development of a rapid test for antiplatelet antibody. Detection in various clinical disorders, including immunologic drug-induced and neonatal thrombocytopenias. J Lab Clin Med 89(2):400–8, Feb 77
*AUTOANTIBODIES/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, immunology/ HUMAN/ *IMMUNOLOGIC TECHNICS/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, immunology/ *PLATELET FACTOR 3/ THROMBOPENIA, chemically induced/ *THROMBOPENIA, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4525. **Karpatkin S:** Thrombopoietin assays [letter]. Br J Haematol 35(3):473, Mar 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, cytology/ *GLYCOPROTEINS, analysis/ MICE/ *THROMBOPOIETIN, analysis

4526. **Karpatkin S, Amorosi EL:** Platelet heterogeneity [letter] Br J Haematol 35(4):681–4, Apr 77
ANIMAL/ *BLOOD PLATELETS, cytology/ HUMAN/ MEGAKARYOCYTES, cytology/ RABBITS/ SPECIFIC GRAVITY/ TIME FACTORS

4527. **Karpenko GF, Kastrikina FT, Tsyperovich AS:** Hidroliz nerozchynnoho kolahenu kistok krystalichnoiu al'fa-amilazoiu z Aspergillus oryzae Ukr Biokhim Zh 48(5):640–4, Sep-Oct 76 (Eng. Abstr.) **(Ukr)**
*AMYLASE, metabolism/ ANIMAL/ *ASPERGILLUS ORYZAE, enzymology/ *ASPERGILLUS, enzymology/ *BONE AND BONES, metabolism/ CATTLE/ *COLLAGEN, metabolism/ CRYSTALLIZATION/ ENGLISH ABSTRACT/ HYDROLYSIS/ PEPTIDE HYDROLASES, metabolism/ SKIN, metabolism/ SOLUBILITY

4528. **Karpenko GF, Kastrikina TF:** Doslidzhennia metodom N-kintsevogo analizu gidrolizu nerozchinnogo kolagenu tkanini kistok proteazoiu Streptomyces griseus. Ukr Biokhim Zh 49(3):80–4, May-Jun 77 (Eng. Abstr.) **(Ukr)**
AMINO ACIDS, analysis/ ANIMAL/ BONE AND BONES/ CATTLE/ CHEMISTRY/ *COLLAGEN, metabolism/ ENGLISH ABSTRACT/ HYDROLYSIS/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDES, metabolism/ SOLUBILITY/ *STREPTOMYCES GRISEUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

4529. **Karpushin VP, Golubev AP, Briuller IuI:** Izmenenie aktivnosti svertyvaiushcheĭ sistemy krovi vo vremia operatsii i v posleoperatsionnom periode u ginekologicheskikh bol'nykh Akush Ginekol (Mosk) (9):55–8, Sep 76 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ GYNECOLOGIC NEOPLASMS, blood/ *GYNECOLOGIC NEOPLASMS, surgery/ HUMAN/ MIDDLE AGE/ THROMBELASTOGRAPHY

4530. **Karran P, Moscona A, Strauss B:** Developmental decline in DNA repair in neural retina cells of chick embryos. Persistent deficiency of repair competence in a cell line derived from late embryos. J Cell Biol 74(1):274–86, Jul 77
ACETOXYACETYLAMINOFLUORENE, pharmacodynamics/ CELL DIFFERENTIATION/ CELL DIVISION/ CELL LINE/ CHICK EMBRYO/ DNA POLYMERASES, metabolism/ *DNA REPAIR/ DNA, biosynthesis/ KINETICS/ METHYL METHANESULFONATE, pharmacodynamics/ RETINA, cytology/ *RETINA, embryology/ THYMIDINE KINASE, metabolism/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4531. **Karsten U, Wollenberger A:** Improvements in the ethidium bromide method for direct fluorometric estimation of DNA and RNA in cell and tissue homogenates. Anal Biochem 77(2):464–70, Feb 77
ANIMAL/ ANIMALS, NEWBORN/ *DNA, analysis/ ETHIDIUM/ HEPARIN/ MICE/ MYOCARDIUM, analysis/ PRONASE/ RATS/ RHODAMINES/ RIBONUCLEASE/ *RNA, analysis/ SPECTROMETRY, FLUORESCENCE, methods/ SPLEEN, analysis

4532. **Kartalis G, Gabrielidis K, Sinakos Z:** L'hémostase pendant l'acidose. Etude expérimentale chez le chien. Nouv Rev Fr Hematol Blood Cells 18(1):197–200, 1977 **(Fre)**
*ACIDOSIS, blood/ ACIDOSIS, etiology/ ANIMAL/ BLOOD COAGULATION TESTS/ DOGS/ *HEMOSTASIS/ LACTATES

4533. **Kartasheva VI, Popkova GK, Torik ZhN:** Primenenie geparina v kompleksnom lechenii liupus-nefrita u detei Vopr Revm (1):35–41, Jan-Mar 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ CASE REPORT/ CHILD/ DIPYRIDAMOLE, therapeutic use/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ *NEPHRITIS, drug therapy/ NEPHRITIS, etiology

4534. **Kartashevakiĭ NG, Abdulkadyrov KM, Mel'nikova VN, et al:** Primenenie razmorozhennykh eritrotsitov pri zabolevaniiakh sistemy krovi. Probl Gematol Pereliv Krovi (2):10–2, Feb 77 **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ *ANEMIA, therapy/ *BLOOD PRESERVATION, methods/ *BLOOD TRANSFUSION/ *ERYTHROCYTES/ FEMALE/ FREEZING/ HUMAN/ MALE/ MIDDLE AGE

4535. **Kartchner MM, Wilcox WC:** Thrombolysis of palmar and digital arterial thrombosis by intra-arterial Thrombolysin. J Hand Surg 1(1):67–74, Jul 76
ADULT/ AGED/ ANGIOGRAPHY/ ARTERIES/ CASE REPORT/ DRUG COMBINATIONS/ FEMALE/ *FIBRINOLYSIN, administration & dosage/ FIBRINOLYSIN, therapeutic use/ *FINGERS, blood supply/ *HAND, blood supply/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ MALE/ MIDDLE AGE/ *PLASMINOGEN, administration & dosage/ PLASMINOGEN, therapeutic use/ *STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy

4536. **Karumo I:** Recovery and rehabilitation of elderly subjects with femoral neck fractures. Ann Chir Gynaecol 66(3):170–176, 1977
AGED/ FEMALE/ *FEMORAL NECK

FRACTURES, rehabilitation/ FEMORAL NECK FRACTURES, surgery/ FOLLOW-UP STUDIES/ FRACTURE FIXATION, INTERNAL/ HOSPITALIZATION/ HUMAN/ LENGTH OF STAY/ MALE/ MIDDLE AGE/ PHYSICAL THERAPY/ POSTOPERATIVE COMPLICATIONS, mortality/ PROSTHESIS/ SURGICAL WOUND INFECTION/ THROMBOEMBOLISM, etiology

4537. **Kary CD, Wosilait WD:** Factors affecting the excretion of 14C-dicumarol in the bile of rats. Gen Pharmacol 7(4):277–82, Sep 76
ANIMAL/ BILE, drug effects/ *BILE, metabolism/ BISHYDROXYCOUMARIN, blood/ *BISHYDROXYCOUMARIN, metabolism/ FEMALE/ LIVER, metabolism/ MALE/ RATS/ SEX FACTORS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4538. **Kás S, Zižková B:** Diferenciálně diagnostická úskalí mozečkových angioretikulomu Cesk Neurol Neurochir 39(4):197–203, Jul 76 (Eng. Abstr.) **(Cze)**
ADULT/ CASE REPORT/ *CEREBELLAR NEOPLASMS, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEADACHE, radiography/ *HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ PREGNANCY/ VOMITING, radiography

4539. **Kasafírek E, Frič P, Slabý J, et al:** p-Nitroanilides of 3-carboxypropionyl-peptides. Their cleavage by elastase, trypsin, and chymotrypsin. Eur J Biochem 69(1):1–13, 1 Oct 76
*ANILIDES/ ANILIDES, chemical synthesis/ BINDING SITES/ *CHYMOTRYPSIN, metabolism/ KINETICS/ NITRO COMPOUNDS/ *OLIGOPEPTIDES/ OLIGOPEPTIDES, chemical synthesis/ OPTICAL ROTATION/ *PANCREATOPEPTIDASE, metabolism/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN, metabolism

4540. **Kasai S, Koshino I, Washizu T, et al:** Survival for 145 days with a total artificial heart. J Thorac Cardiovasc Surg 73(4):637–46, Apr 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD COAGULATION/ BLOOD VOLUME/ *CATTLE/ EVALUATION STUDIES/ *HEART, ARTIFICIAL/ HEMODYNAMICS/ HEMOLYSIS/ KIDNEY, physiology/ LIVER, physiology/ POSTOPERATIVE COMPLICATIONS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ WATER-ELECTROLYTE BALANCE

4541. **Kasavina BS, Kuznetsova TP:** Rol' fermentov v patogeneze, diagnostike i terapii zabolevanii organa zreniia. Vestn Oftalmol (4):85–8, Jul-Aug 77 **(Rus)**
CHOLINESTERASES, blood/ CLOSTRIDIOPEPTIDASE A, metabolism/ CLOSTRIDIOPEPTIDASE A, therapeutic use/ *EYE DISEASES, diagnosis/ *EYE DISEASES, drug therapy/ EYE DISEASES, enzymology/ EYE DISEASES, etiology/ *EYE, enzymology/ HUMAN/ HYALURONIDASE, metabolism/ HYALURONIDASE, therapeutic use/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LACTATE DEHYDROGENASE ISOENZYMES, metabolism/ LACTATE DEHYDROGENASE, metabolism/ LIPASE, therapeutic use/ MONOAMINE OXIDASE, blood/ PEPTIDE HYDROLASES, therapeutic use

4542. **Kasche V, Amnéus H, Gabel D, et al:** Rapid zymogen activation and isolation of serine proteases from an individual mouse pancreas by affinity chromatography: genetical heterogeneity of chymotrypsins of Mus musculus. Biochim Biophys Acta 490(1):1–18, 25 Jan 77
ALLELES/ ANIMAL/ CHROMATOGRAPHY, AFFINITY, methods/ *CHYMOTRYPSIN, isolation & purification/ CHYMOTRYPSIN, analysis/ CHYMOTRYPSIN, metabolism/ *CHYMOTRYPSINOGEN, metabolism/ GENES, STRUCTURAL/ MICE/ MICE, INBRED STRAINS/ *PANCREAS, enzymology/ SPECIES SPECIFICITY/ *TRYPSIN, metabolism

4543. **Kasdon DL, Scott RM, Adelman LS, et al:** Cerebellar hemorrhage with decreased absorption values on computed tomography: a case report. Neuroradiology 13(5):265–6, 29 Jul 77
CASE REPORT/ CEREBELLAR DISEASES, pathology/ *CEREBELLAR DISEASES, radiography/ CEREBELLUM, pathology/ HEMATOMA, pathology/ *HEMATOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ TOMOGRAPHY, COMPUTERIZED AXIAL

4544. **Käser-Glanzmann R, Jakäbovä M, George JN, et al:** Stimulation of calcium uptake in platelet membrane vesicles by adenosine 3',5'-cyclic monophosphate and protein kinase., Biochim Biophys Acta 466(3):429–40, 2 May 77
A-23187, pharmacodynamics/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE, blood/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ *CALCIUM, metabolism/ *CELL MEMBRANE, metabolism/ HUMAN/ IN VITRO/ LANTHANUM, pharmacodynamics/ *PROTEIN KINASE, blood

4545. **Kashkin AP, Voevodin IuN, Maklova TG:** Kharakteristika vnekletochnykh proteoliticheskikh fermentov Actinomyces fradiae 0072 Prikl Biokhim Mikrobiol 12(4):563–71, Jul-Aug 76 (Eng. Abstr.) **(Rus)**
*ACTINOMYCES, enzymology/ AMINOPEPTIDASES, metabolism/ BACTERIAL PROTEINS, analysis/ CARBOXYPEPTIDASES, metabolism/ CASEIN, metabolism/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GEL/ CLOSTRIDIOPEPTIDASE A, metabolism/ COLLAGEN, metabolism/ ENGLISH ABSTRACT/ HYDROLYSIS/ KERATIN, metabolism/ LEUCINE, analogs & derivatives/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, analysis/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDES, analysis/ TISSUE CULTURE/ TRYPSIN, metabolism/ 2-NAPHTHYLAMINE, analogs & derivatives

4546. **Kashyap ML, Srivastava LS, Chen CY, et al:** Radioimmunoassay of human apolipoprotein CII. A study in normal and hypertriglyceridemic subjects. J Clin Invest 60(1):171–80, Jul 77
*APOLIPOPROTEINS, blood/ APOLIPOPROTEINS, isolation & purification/ ENZYME ACTIVATION/ HUMAN/ HYPERCHOLESTEREMIA, blood/ *HYPERLIPEMIA, blood/ HYPERLIPEMIA, ESSENTIAL FAMILIAL, blood/ LIPOPROTEIN LIPASE, metabolism/ *LIPOPROTEINS, LDL, blood/ *LIPOPROTEINS, VLDL, blood/ RADIOIMMUNOASSAY, methods/ *TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4547. **Kashyap SK, Gupta SK, Bhatt HV, et al:** Acute oral toxicity of hexachlorocyclohexane (BHC) in albino rats. Indian J Med Res 64(5):768–72, May 76
ALANINE AMINOTRANSFERASE, blood/ ANIMAL/ *BENZENE HEXACHLORIDE, toxicity/ BLOOD COAGULATION, drug effects/ BRAIN, enzymology/ CHOLINESTERASES, analysis/ FEMALE/ MALE/ RATS

4548. **Kaska M, Lysenko O, Chaloupka J:** Exocellular proteases of Serratia marcescens and their toxicity to larvae of Galleria mellonella. Folia Microbiol (Praha) 21(6):465–73, 1976
ANIMAL/ EDTA, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ LARVA, drug effects/ *LEPIDOPTERA, drug effects/ LETHAL DOSE 50/ MOLECULAR WEIGHT/ *MOTHS, drug effects/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDE HYDROLASES, pharmacodynamics/ *SERRATIA MARCESCENS, enzymology/ TEMPERATURE

4549. **Kasper CK, Osterud B, Minami JY, et al:** Hemophilia B: characterization of genetic variants and detection of carriers. Blood 50(3):351–66, Sep 77
ANTIGENS/ BLOOD COAGULATION TESTS/ CHRISTMAS DISEASE, classification/

*CHRISTMAS DISEASE, familial & genetic/ FACTOR IX/ FEMALE/ HETEROZYGOTE/ HUMAN/ MALE/ THROMBOPLASTIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4550. **Kass EH, Rosner B, Zinner SH, et al:** Studies on the origin of human hypertension. Postgrad Med J 53(2):145–52, 1977
ADOLESCENCE/ AGE FACTORS/ BLOOD PRESSURE DETERMINATION/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ *HYPERTENSION, etiology/ HYPERTENSION, familial & genetic/ KALLIKREIN, urine/ MALE

4551. **Kassel RL, Old LJ, Day NK, et al:** Plasma-mediated leukemia cell destruction: concentration and purification of the antileukemia factor. Proc Soc Exp Biol Med 155(2):230–3, Jun 77
ADSORPTION/ ANIMAL/ CALCIUM PHOSPHATES/ *COMPLEMENT 5, isolation & purification/ COMPLEMENT 5, therapeutic use/ *COMPLEMENT, isolation & purification/ FEMALE/ HEPARIN/ *LEUKEMIA, EXPERIMENTAL, drug therapy/ MICE/ MICE, INBRED AKR/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4552. **Kassner EG, Baumstark A, Kinkhabwala MN, et al:** Calcified thrombus in the inferior vena cava in infants and children. Pediatr Radiol 4(3):167–71, 14 Apr 76
*CALCINOSIS, radiography/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ MALE/ *THROMBOSIS, radiography/ *VENA CAVA, INFERIOR, radiography

4553. **Kassum D, Thomas EJ:** Morbidity and mortality of incidental splenectomy. Can J Surg 20(3):209–14, May 77
ABSCESS, etiology/ ADULT/ AGED/ ANESTHESIA, methods/ DRAINAGE, methods/ FEMALE/ FISTULA, etiology/ FOLLOW-UP STUDIES/ HUMAN/ LENGTH OF STAY/ MALE/ MIDDLE AGE/ PANCREATITIS, etiology/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ RESPIRATORY TRACT INFECTIONS, etiology/ SEPTICEMIA, etiology/ *SPLENECTOMY, adverse effects/ SPLENECTOMY, mortality/ SURGICAL WOUND DEHISCENCE, etiology/ SURGICAL WOUND INFECTION/ THROMBOCYTOSIS, etiology/ THROMBOEMBOLISM, etiology/ TIME FACTORS/ URINARY TRACT INFECTIONS, etiology

4554. **Kasten FH, Yip DK:** Reanimation of cultured mamalian myocardial cells during multiple cycles of trypsinization-freezing-thawing. In Vitro 9(4):246–52, Jan-Feb 74
CELL NUCLEUS, ultrastructure/ CELL SURVIVAL, drug effects/ CELLS, CULTURED/ DIMETHYL SULFOXIDE, pharmacodynamics/ FREEZING/ GLYCERIN, pharmacodynamics/ MITOCHONDRIA, MUSCLE, ultrastructure/ *MYOCARDIAL CONTRACTION/ MYOCARDIAL CONTRACTION, drug effects/ *MYOCARDIUM, cytology/ MYOFIBRILS, ultrastructure/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4555. **Kastenbauer ER, Hochstrasser K, Reichert R, et al:** Der Nachweis eines niedermolekularen säurestabilen Proteinaseninhibitors im Ohrsekret bei chronischer Mittelohreiterung Laryngol Rhinol Otol (Stuttg) 56(3):201–6, Mar 77 (Eng. Abstr.) (Ger)
EAR, MIDDLE, enzymology/ *EAR, MIDDLE, secretion/ ENGLISH ABSTRACT/ HUMAN/ MOLECULAR WEIGHT/ *OTITIS MEDIA, enzymology/ OTITIS MEDIA, physiopathology/ *PEPTIDE HYDROLASES, antagonists & inhibitors

4556. **Katayama T, Matsuda T, Kato K, et al:** Isolation and purification of D-alanyl-meso-2, 6-diaminopimelic acid endopeptidase of Streptomyces L-3 enzyme using soluble substrates of known chemical structure from Lactobacillus plantarum cell wall digests. Biken J 19(3):75–91, Sep 76
ALANINE/ CELL WALL, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ DIAMINOPIMELIC ACID/ GLYCOPEPTIDES, metabolism/ HYDROLYSIS/ ISOELECTRIC FOCUSING/ *LACTOBACILLUS, metabolism/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *PEPTIDES, metabolism/ PEPTIDOGLYCAN, metabolism/ SOLUBILITY/ *STREPTOMYCES, enzymology

4557. **Kather H, Simon B:** Adenylate cyclase of human fat cell ghosts. Stimulation of enzyme activity by parathyroid hormone. J Clin Invest 59(4):730–3, Apr 77
*ADENYL CYCLASE, metabolism/ *ADIPOSE TISSUE, enzymology/ CATTLE/ *CELL MEMBRANE, enzymology/ EPINEPHRINE, pharmacodynamics/ FLUORIDES, pharmacodynamics/ GUANINE NUCLEOTIDES, pharmacodynamics/ HUMAN/ *PARATHYROID HORMONE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ TRYPSIN, pharmacodynamics

4558. **Kato H, Han YN, Iwanaga S, et al:** Bovine plasma HMW and LMW kininogens. Structural differences between heavy and light chains derived from the kinin-free proteins. J Biochem (Tokyo) 80(6):1299–311, Dec 76
AMINO ACIDS, analysis/ CATTLE/ HEXOSAMINES, analysis/ HEXOSES, analysis/ KALLIKREIN, metabolism/ *KININOGENS, blood/ KININOGENS, immunology/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis

4559. **Kato I, Kaihotsu N, Sugimoto T, et al:** Successful replacement of a thrombosed Björk-Shiley mitral valve prosthesis. Jpn Heart J 17(6):791–7, Nov 76
ADULT/ ANTICOAGULANTS, therapeutic use/ CASE REPORT/ ECHOCARDIOGRAPHY/ FEMALE/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ *MITRAL VALVE STENOSIS, surgery/ *MITRAL VALVE, surgery/ PHONOCARDIOGRAPHY/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology/ *THROMBOSIS, surgery

4560. **Kato L, Ishaque M, Adapoe C:** Oxidation of 3,4-dihydroxyphenylalanine by connective tissue constituents. Identification of Mycobacterium leprae not related to phenolase activity. Int J Lepr 44(4):435–42, Oct-Dec 76
ANIMAL/ CONNECTIVE TISSUE/ *DOPA, metabolism/ EPINEPHRINE, metabolism/ HUMAN/ *HYALURONIC ACID, metabolism/ HYALURONIDASE, metabolism/ MUSHROOMS, enzymology/ *MYCOBACTERIUM LEPRAE, metabolism/ MYCOBACTERIUM LEPRAEMURIUM, metabolism/ NOREPINEPHRINE, metabolism/ OXIDATION-REDUCTION/ RATS/ SKIN/ TRYPSIN, metabolism/ TYROSINASE, metabolism/ UMBILICAL CORD

4561. **Kato N, Nakashima I, Ohta M:** Adjuvant action of capsular polysaccharide of Klebsiella pneumoniae on antibody response. V. Further biological properties of the active substance. Jpn J Microbiol 20(3):173–81, Jun 76
*ADJUVANTS, IMMUNOLOGIC/ ANIMAL/ *ANTIBODY FORMATION, drug effects/ CELL WALL/ COMPARATIVE STUDY/ FEMALE/ FEVER, chemically induced/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ *KLEBSIELLA PNEUMONIAE/ LIPOPOLYSACCHARIDES, pharmacodynamics/ LIPOPOLYSACCHARIDES, toxicity/ MALE/ MICE/ *POLYSACCHARIDES, BACTERIAL, pharmacodynamics/ POLYSACCHARIDES, BACTERIAL, toxicity/ RABBITS/ SALMONELLA ENTERITIDIS/ SHWARTZMAN PHENOMENON, chemically induced

4562. **Kato Y, Iwai K:** DNA-binding segments of four histone sequences identified in trypsin-treated H1-depleted chromatin. J Biochem (Tokyo) 81(3):621–30, Mar 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CATTLE/ *CHROMATIN/ *DEOXYRIBONUCLEOPROTEINS/ *DNA/ DNA, metabolism/ *HISTONES/ HISTONES, metabolism/ NUCLEIC ACID DENATURATION/ *NUCLEOPROTEINS/ PROTEIN BINDING/

PROTEIN DENATURATION/ TEMPERATURE/ THYMUS GLAND/ TRYPSIN

4563. **Katsu M, Fujii T:** [Systemic lupus erythematosus and overlapping syndrome] Jpn J Clin Med 34(6):1124–30, Jun 76 (30 ref.) **(Jpn)**
ARTHRITIS, RHEUMATOID, complications/ BEHCET'S SYNDROME, complications/ DERMATOMYOSITIS, complications/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ PERIARTERITIS NODOSA, complications/ PURPURA, THROMBOTIC THROMBOPENIC, complications/ REVIEW/ RHEUMATIC FEVER, complications/ SCLERODERMA, SYSTEMIC, complications/ SYNDROME

4564. **Katunuma N, Kominami E, Banno Y, et al:** Concept on mechanism and regulation of intracellular enzyme degradation in mammalian tissues. Adv Enzyme Regul 14:325–45, 1976 (26 ref.)
AMINOLEVULINIC ACID SYNTHETASE, metabolism/ *AMINOTRANSFERASES, metabolism/ ANIMAL/ BONE MARROW CELLS, enzymology/ CYSTATHIONINE GAMMA-LYASE, antagonists & inhibitors/ CYSTATHIONINE GAMMA-LYASE, metabolism/ INTESTINE, SMALL, enzymology/ LIVER, enzymology/ MOLECULAR WEIGHT/ MUSCLES, enzymology/ ORNITHINE AMINOTRANSFERASE, antagonists & inhibitors/ *ORNITHINE AMINOTRANSFERASE, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN CONFORMATION/ RATS/ REVIEW

4565. **Katunuma N:** [Regulation of intracellular ornithine aminotransferase level and its turnover (author's transl)] J Jpn Biochem Soc 48(8):799–809, 25 Aug 76 (35 ref.) **(Jpn)**
*AMINOTRANSFERASES, metabolism/ ANIMAL/ APOENZYMES, metabolism/ COENZYMES, metabolism/ DIET/ ESTROGENS, pharmacodynamics/ LIVER NEOPLASMS, enzymology/ ORNITHINE AMINOTRANSFERASE, biosynthesis/ *ORNITHINE AMINOTRANSFERASE, metabolism/ PEPTIDE HYDROLASES, metabolism/ PROTEINS, metabolism/ PYRIDOXINE DEFICIENCY, enzymology/ RATS/ REVIEW

4566. **Katz JD, Cronau LH, Barash PG, et al:** Pulmonary artery flow-guided catheters in the perioperative period. Indications and complications. JAMA 237(26):2832–4, 27 Jun 77
ADULT/ ARRHYTHMIA, etiology/ BACTERIAL INFECTIONS, etiology/ CATHETERIZATION, adverse effects/ *CATHETERIZATION, instrumentation/ EVALUATION STUDIES/ FOLLOW-UP STUDIES/ HEART SURGERY/ HUMAN/ PNEUMOTHORAX, etiology/ PREOPERATIVE CARE/ *PULMONARY ARTERY/ PULMONARY EMBOLISM, etiology/ RISK/ TIME FACTORS

4567. **Katz RS, Zizic TM, Arnold WP, et al:** The pseudothrombophlebitis syndrome. Medicine (Baltimore) 56(2):151–64, Mar 77
ARTHRITIS, RHEUMATOID, complications/ ARTHRITIS, RHEUMATOID, diagnosis/ ARTHRITIS, RHEUMATOID, radiography/ BONE CYST, radiography/ BURSITIS, etiology/ HUMAN/ KNEE JOINT, radiography/ SYNDROME/ SYNOVIAL CYST, etiology/ SYNOVIAL CYST, radiography/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography

4568. **Kaude JV, Hawkins IF Jr:** Angiography of renal transplant. Radiol Clin North Am 14(2):295–308, Aug 76
*ANGIOGRAPHY/ CADAVER/ CYSTS, radiography/ *GRAFT REJECTION/ HUMAN/ INFARCTION, radiography/ ISCHEMIA, radiography/ KIDNEY PAPILLARY NECROSIS, radiography/ KIDNEY TUBULAR NECROSIS, ACUTE, radiography/ *KIDNEY, transplantation/ KIDNEY, blood supply/ LYMPH/ RENAL ARTERY STENOSIS, radiography/ RENAL VEINS, radiography/ THROMBOSIS, radiography/ TRANSPLANTATION, HOMOLOGOUS/ URETERAL OBSTRUCTION, radiography

4569. **Kaufhold H:** Dispensairebetreuung von Patienten mit Venenerkrankungen im Alter ZFA [Dresden] 31(4):353–6, 1976 **(Ger)**
ACUTE DISEASE/ AGE FACTORS/ AGED/ *AMBULATORY CARE/ ANTICOAGULANTS, therapeutic use/ FEMALE/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, drug therapy/ *VASCULAR DISEASES, drug therapy/ VEINS/ VITAMIN K, therapeutic use

4570. **Kaufman IA, Fonseca R, Kaufman NM, et al:** The management of diabetic acidosis. West J Med 127(2):104–11, Aug 77
*ACIDOSIS, DIABETIC, drug therapy/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INSULIN, administration & dosage/ INSULIN, therapeutic use/ PROTAMINES, therapeutic use

4571. **Kaufman JM:** Prostatectomy in factor XI deficiency. J Urol 117(1):75–8, Jan 77
AGED/ BLOOD TRANSFUSION/ CASE REPORT/ *FACTOR XI DEFICIENCY, complications/ FACTOR XI DEFICIENCY, diagnosis/ *HEMORRHAGE, etiology/ HEMORRHAGE, therapy/ HEMOSTASIS, SURGICAL/ HUMAN/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, etiology/ POSTOPERATIVE COMPLICATIONS, therapy/ *PROSTATECTOMY

4572. **Kaufman SL, Harrington DP, Barth KH, et al:** Control of variceal bleeding by superior mesenteric artery vasopressin infusion. Am J Roentgenol 128(4):567–9, Apr 77
ADULT/ AGED/ BLOOD COAGULATION/ *ESOPHAGEAL VARICES, drug therapy/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ LIVER CIRRHOSIS, physiopathology/ MALE/ MESENTERIC ARTERIES/ MIDDLE AGE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VASOPRESSIN, administration & dosage/ VASOPRESSIN, therapeutic use

4573. **Kaufmann E:** Einfluss von Alclofenac auf den Prothrombinspiegel bei Patienten unter Antikoagulantientherapie. Schweiz Med Wochenschr 107(25):882–7, 25 Jun 77 (Eng. Abstr.) **(Ger)**
AGED/ *ALCLOFENAC, therapeutic use/ *ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION, drug effects/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PHENYLACETATES, therapeutic use/ *PROTHROMBIN TIME

4574. **Kaulen HD, Gross R:** Metabolic properties of human platelet membranes. II. Thrombin-induced phosphorylation of membrane lipids and demonstration of phosphorylating enzymes in the platelet membrane. Thromb Haemostas 35(2):364–76, 30 Apr 76
*BLOOD PLATELETS, metabolism/ CELL MEMBRANE, metabolism/ HUMAN/ PHOSPHATIDIC ACIDS, blood/ PHOSPHOINOSITIDES, blood/ PHOSPHOLIPIDS, biosynthesis/ *PHOSPHOLIPIDS, blood/ PHOSPHOTRANSFERASES, ATP, blood/ PLATELET AGGREGATION/ *THROMBIN, pharmacodynamics

4575. **Kaulla KN von:** Urokinase, eine teure Fehlentwicklung thrombolytischer Therapie Dtsch Med Wochenschr 101(42):1543–5, 15 Oct 76 **(Ger)**
COSTS AND COST ANALYSIS/ FIBRINOLYSIS/ GERMANY, WEST/ HUMAN/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ *UROKINASE, therapeutic use

4576. **Kaushal DC, Shukla OP:** Release of certain extracellular enzymes during excystment of axenically produced cysts

of hartmannella culbertsoni. Indian J Exp Biol 14(4):498–9, Jul 76
ANIMAL/ *CELLULASE, metabolism/ *CHITINASE, metabolism/ *HARTMANNELLA, enzymology/ HARTMANNELLA, growth & development/ *PEPTIDE HYDROLASES, metabolism

4577. **Kaushal SP, Galante JO, McKenna R, et al:** Complications following total knee replacement. Clin Orthop (121):181–7, Nov–Dec 76
ADULT/ AGED/ ASPIRIN, therapeutic use/ FEMALE/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES/ *JOINT PROSTHESIS/ *KNEE JOINT, surgery/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, etiology/ *SURGICAL WOUND INFECTION, etiology/ *THROMBOPHLEBITIS, etiology

4578. **Kaverina KG, Shuvaeva LP, Zhvanetskaia MI, et al:** Izuchenie pankrealizatov Sh. flexneri 2a i Sh. sonnei, fraktsionirovannykh fil'tratsiei cherez sefaeks G–200 i ul'tratsentrifugirovaniem
Zh Mikrobiol Epidemiol Immunobiol (7):51–6, Jul 76 (Eng. Abstr.) **(Rus)**
ANTIGEN–ANTIBODY COMPLEX/ *ANTIGENS, BACTERIAL, isolation & purification/ CHROMATOGRAPHY, GEL/ ENGLISH ABSTRACT/ *SHIGELLA FLEXNERI, immunology/ *SHIGELLA SONNEI, immunology/ TRYPSIN, metabolism/ ULTRACENTRIFUGATION

4579. **Kawaguchi N, Seki H, Furukawa K, et al:** [Urinary protein reduction by anticoagulant and fibrinolytic therap– in membranous glomerulonephropathy] Jpn J Nephrol 19(2):91–8, Feb 77 (Eng. Abstr.) **(Jpn)**
*ANTICOAGULANTS, therapeutic use/ CASE REPORT/ *DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, urine/ HUMAN/ MIDDLE AGE

4580. **Kawamura H, Amano K, Izeki H, et al:** [Computerized tomography (CT), EMI scanner, in the diagnosis of acute traumatic intracranial hematomas (author's transl)] Neurol Surg (Tokyo) 5(7):749–60, Jun 77 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ BRAIN DISEASES, etiology/ *BRAIN DISEASES, radiography/ *BRAIN INJURIES, ACUTE, complications/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, radiography/ HEMATOMA, etiology/ HEMATOMA, EPIDURAL, radiography/ HEMATOMA, SUBDURAL, radiography/ HUMAN/ MALE/ MIDDLE AGE/ *TOMOGRAPHY, COMPUTERIZED AXIAL

4581. **Kawano N, Sasaki N, Mizokami T:** [Urinary blood platelets. Preliminary report] Jpn J Nephrol 17(3):171–89, Mar 75 (Eng. Abstr.) **(Jpn)**
ADULT/ AGED/ *BLOOD PLATELETS, ultrastructure/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY FAILURE, CHRONIC, urine/ MALE/ MIDDLE AGE

4582. **Kawase T:** [Study of cerebral microcirculation by serial fluorescein cortical angiography. (Part 2) Pathology and classification of microcirculation] Brain Nerv 29(3):289–99, Mar 77 (Eng. Abstr.) **(Jpn)**
ADULT/ AGED/ BRAIN NEOPLASMS, blood supply/ CASE REPORT/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, physiopathology/ CEREBRAL EMBOLISM AND THROMBOSIS, physiopathology/ *CEREBROVASCULAR CIRCULATION/ ENGLISH ABSTRACT/ FEMALE/ FLUORESCEINS, diagnostic use/ GLIOBLASTOMA MULTIFORME, blood supply/ GLIOMA, blood supply/ HEMATOMA, physiopathology/ HUMAN/ MALE/ MICROCIRCULATION, pathology/ MICROCIRCULATION, physiopathology/ MIDDLE AGE/ PHOTOFLUOROGRAPHY/ SUBARACHNOID HEMORRHAGE, physiopathology

4583. **Kawata T, Masuda K, Ueki Y:** Isolation and ultrastructural characterization of fine spirals (spirosomes) from Lactobacillus brevis. J Electron Microsc (Tokyo) 25(4):283–8, 1976
CELL FRACTIONATION/ *LACTOBACILLUS, ultrastructure/ MITOMYCIN, pharmacodynamics/ ORGANOIDS, drug effects/ ORGANOIDS, ultrastructure/ PROTOPLASTS, ultrastructure/ TRYPSIN, pharmacodynamics

4584. **Kawauchi H, Bewley TA, Li CH:** Studies on prolactin. 40. Chemical modification of tyrosine residues in the ovine hormone. Biochim Biophys Acta 493(2):380–92, 23 Aug 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CIRCULAR DICHROISM/ DISULFIDES, analysis/ IODIDES/ PEPTIDE FRAGMENTS, analysis/ *PROLACTIN/ PROTEIN CONFORMATION/ SHEEP/ TETRANITROMETHANE/ TRYPSIN/ TYROSINE, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4585. **Kawiak W, Nowicki J:** Neurologiczne aspekty zespolu wyskrzepiania wewnątrzczyniowego Wiad Lek 30(3):225–8, 1 Feb 77 (Eng. Abstr.) **(Pol)**
ADULT/ *BRAIN DISEASES, etiology/ BRAIN EDEMA, etiology/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ THROMBOANGIITIS OBLITERANS, etiology

4586. **Kay HB:** Angina pectoris: getting the most from drug therapy. Drugs 13(4):276–87, Apr 77 (0 ref.)
ADRENERGIC BETA RECEPTOR BLOCKADERS, adverse effects/ ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ *ANGINA PECTORIS, drug therapy/ ANGINA PECTORIS, physiopathology/ ANGINA PECTORIS, therapy/ ANGINA PECTORIS, complications/ ANGINA PECTORIS, VARIANT, drug therapy/ AORTOCORONARY BYPASS/ ARRHYTHMIA, complications/ DEATH, SUDDEN/ DIET THERAPY/ EXERTION/ GLYCERYL TRINITRATE, pharmacodynamics/ GLYCERYL TRINITRATE, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, prevention & control/ REVIEW/ THROMBOSIS, complications/ VASODILATOR AGENTS, therapeutic use

4587. **Kay HD, Bonnard GD, West WH, et al:** A functional comparison of human Fc-receptor-bearing lymphocytes active in natural cytotoxicity and antibody-dependent cellular cytotoxicity. J Immunol 118(6):2058–66, Jun 77
AMMONIUM CHLORIDE, pharmacodynamics/ *ANTIBODY SPECIFICITY/ ANTIGEN–ANTIBODY REACTIONS/ BACTERIAL PROTEINS, pharmacodynamics/ *BINDING SITES, ANTIBODY/ CELL SEPARATION/ COMPARATIVE STUDY/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ HUMAN/ *IMMUNITY, CELLULAR/ *IMMUNOGLOBULINS, FC/ IMMUNOLOGIC TECHNICS/ *LYMPHOCYTES, immunology/ STAPHYLOCOCCUS AUREUS, immunology/ TRYPSIN, pharmacodynamics

4588. **Kay WW, Kurylo E, Chong G, et al:** Inhibition and enhancement of platelet aggregation by collagen derivatives. J Biomed Mater Res 11(3):365–72, May 77
ANIMAL/ *BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, ultrastructure/ *COLLAGEN, analogs & derivatives/ *COLLAGEN, pharmacodynamics/ DOGS/ MICROSCOPY, ELECTRON, SCANNING/ *PLATELET AGGREGATION, drug effects/ POLYMERS/ RATS/ TAIL/ TENDONS

4589. **Kay WW, Swanson R, Chong G, et al:** Binding of collagen by canine blood platelets. Thromb Haemostas 37(2):309–20, 30 Apr 77
ANIMAL/ ARGININE/ BINDING SITES/ *BLOOD PLATELETS, metabolism/ CLOSTRIDIOPEPTIDASE A/ DOGS/ GALACTOSE OXIDASE/ GLUCOSE OXIDASE/ MICROSCOPY, ELECTRON, SCANNING/ PLATELET AGGREGATION/ SEROTONIN, secretion/ *TROPOCOLLAGEN,

metabolism

4590. **Kaye SE:** The hypotensive effect of fresh lympholised plasma. Anaesth Intensive Care 4(3):196–8, Aug 76
BLOOD PRESSURE/ *BLOOD TRANSFUSION/ BLOOD VISCOSITY/ CARDIOPULMONARY BYPASS/ *FREEZE DRYING/ HUMAN/ *HYPOTENSION, etiology/ *PLASMA/ VASCULAR RESISTANCE

4591. **Kazama M, McDonagh J, Wagner RH, et al:** Purification and immunochemical characterization of human plasma factor XIII. Haemostasis 5(6):329–40, 1976
AMMONIUM SULFATE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COLD/ CRYOGLOBULINS, isolation & purification/ FACTOR XIII, immunology/ *FACTOR XIII, isolation & purification/ GEL DIFFUSION TESTS/ HEAT/ HUMAN/ POLYETHYLENE GLYCOLS/ PRECIPITATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4592. **Kazatchkine M, Sultan Y, Caen JP, et al:** Bleeding in renal failure: a possible cause. Br Med J 2(6036):612–5, 11 Sep 76
ANTIGENS, analysis/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION FACTORS, analysis/ *FACTOR VIII, analysis/ GRAFT REJECTION/ HEMODIALYSIS/ *HEMORRHAGE, etiology/ HUMAN/ *KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, complications/ KIDNEY, transplantation/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ *VON WILLEBRAND FACTOR, analysis

4593. **Kazatchkine M, Sultan Y, Bariety J, et al:** Diminution de l'activité Willebrand chez les insuffisants rénaux chroniques C R Acad Sci [D] (Paris) 283(3):287–9, 19 Jul 76 (Eng. Abstr.) **(Fre)**
BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ *FACTOR VIII, analysis/ HEMODIALYSIS/ HUMAN/ *KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, complications/ KIDNEY, transplantation/ *VON WILLEBRAND FACTOR, analysis

4594. **Kazatchkine M, Bariety J, Caen JP:** Thrombose et transplantation rénale Pathol Biol (Paris) 24(7):497–508, Sep 76 (168 ref.) (Eng. Abstr.) **(Fre)**
ACUTE DISEASE/ ANIMAL/ ANTICOAGULANTS, therapeutic use/ ANTIGEN-ANTIBODY COMPLEX/ BLOOD COAGULATION FACTORS, physiology/ BLOOD VESSELS, immunology/ BLOOD VESSELS, pathology/ CHRONIC DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENDOTHELIUM, immunology/ ENGLISH ABSTRACT/ *GRAFT REJECTION/ HUMAN/ KIDNEY, blood supply/ *KIDNEY, transplantation/ REVIEW/ *THROMBOSIS, complications/ THROMBOSIS, immunology/ TRANSPLANTATION, HOMOLOGOUS

4595. **Kazda A, Hendl J:** Vztahy mezi měřením a výpočtem hodnot osmolality séra. Vnitr Lek 23(6):609–15, Jun 77 (Eng. Abstr.) **(Cze)**
BLOOD SUGAR, metabolism/ BLOOD UREA NITROGEN/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ HUMAN/ MATHEMATICS/ OSMOLAR CONCENTRATION/ SODIUM, blood

4596. **Kazda F:** Vorschlag für eine Systemisierung der Prophylaxe der postoperativen Thromboembolie
Wien Med Wochenschr 126(51–52):720–2, 17 Dec 76 **(Ger)**
ADULT/ BANDAGES/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ POSTURE/ *THROMBOEMBOLISM, prevention & control/ THYROID GLAND, DESICCATED, therapeutic use

4597. **Kazmier FJ:** A significant interaction between metronidazole and warfarin. Mayo Clin Proc 51(12):782–4, Dec 76
ADULT/ CASE REPORT/ DRUG INTERACTIONS/ FEMALE/ HEMORRHAGE, chemically induced/ HUMAN/ *METRONIDAZOLE, adverse effects/ METRONIDAZOLE, metabolism/ *WARFARIN, adverse effects/ WARFARIN, metabolism

4598. **Keane JT, Malkinson FD, Bryant J, et al:** Herpesvirus hominis hepatitis and disseminated intravascular coagulation. Occurrence in an adult with pemphigus vulgaris. Arch Intern Med 136(11):1312–7, Nov 76
ADOLESCENCE/ ADULT/ CASE REPORT/ CYCLOPHOSPHAMIDE, therapeutic use/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ *HEPATITIS, VIRAL, HUMAN, complications/ HEPATITIS, VIRAL, HUMAN, diagnosis/ HEPATITIS, VIRAL, HUMAN, pathology/ *HERPES SIMPLEX, complications/ HERPES SIMPLEX, diagnosis/ HERPES SIMPLEX, pathology/ HERPESVIRUS HOMINIS/ HUMAN/ LIVER, pathology/ MALE/ MIDDLE AGE/ *PEMPHIGUS, complications/ PEMPHIGUS, drug therapy/ PREDNISONE, therapeutic use

4599. **Keane TJ, Gorman AM, O'Connell LG, et al:** epsilon-Amino-caproic acid in the management of acute promyelocytic leukaemia. Acta Haematol (Basel) 56(4):202–4, 1976
ADULT/ *AMINOCAPROIC ACIDS, therapeutic use/ CASE REPORT/ CYTARABINE, therapeutic use/ DAUNOMYCIN, therapeutic use/ DRUG EVALUATION/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ VINCRISTINE, therapeutic use/ *6-AMINOCAPROIC ACID, therapeutic use

4600. **Kedinger M, Moody A, Launay JF, et al:** Establishment of serum based essentiall free of proteolytic activity for the culture of mouse pancreatic islets. Experientia 33(7):972–3, 15 Jul 77
ANIMAL/ BLOOD/ CATTLE/ *CELLS, CULTURED/ *CULTURE MEDIA/ FEMALE/ HEAT/ INSULIN, metabolism/ *ISLANDS OF LANGERHANS, metabolism/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KINETICS/ MICE/ PEPTIDE HYDROLASES, metabolism

4601. **Keeman JN:** De behandeling van varicosis
Ned Tijdschr Geneeskd 120(49):2156–66, 4 Dec 76 **(Dut)**
BANDAGES/ ELECTROCOAGULATION/ HUMAN/ LIGATION/ METHODS/ POSTOPERATIVE COMPLICATIONS/ SAPHENOUS VEIN, surgery/ SCLEROSING SOLUTIONS/ THROMBOPHLEBITIS, prevention & control/ VARICOSE ULCER, therapy/ VARICOSE VEINS, surgery/ *VARICOSE VEINS, therapy

4602. **Keenan JP, Wharton J, Shepherd AJ, et al:** Defective platelet lipid peroxidation in myeloproliferative disorders: a possible defect of prostaglandin synthesis.
Br J Haematol 35(2):275–83, Feb 77
*BLOOD PLATELET DISORDERS, metabolism/ CONTUSIONS, etiology/ ETHYLMALEIMIDE, pharmacodynamics/ HUMAN/ *LIPIDS, metabolism/ MALONDIALDEHYDE, metabolism/ MYELOPROLIFERATIVE DISORDERS, complications/ *MYELOPROLIFERATIVE DISORDERS, metabolism/ *PEROXIDES, metabolism/ *PROSTAGLANDINS, biosynthesis

4603. **Keenan KP, Buhles WC Jr, Huxsoll DL, et al:** Studies on the pathogenesis of Rickettsia rickettsii in the dog: clinical and clinicopathologic changes of experimental infection.
Am J Vet Res 38(6):851–6, Jun 77
ANEMIA, veterinary/ ANIMAL/ COUGH, veterinary/ *DOG DISEASES/ DOG DISEASES, blood/ DOG DISEASES, pathology/ DOGS/ EDEMA, veterinary/ FEMALE/ LEUKOCYTOSIS, veterinary/ MALE/ ROCKY MOUNTAIN SPOTTED FEVER, blood/ ROCKY MOUNTAIN SPOTTED FEVER, pathology/ *ROCKY MOUNTAIN SPOTTED FEVER, veterinary/ SCROTUM/ THROMBOPENIA, veterinary

4604. **Keighley MR, Burdon DW, Baddeley RM, et al:** Complications of supraduodenal choledochotomy: a

comparison of three methods of management.
Br J Surg 63(10):754–8, Oct 76
ABSCESS, etiology/ AGED/ ANTIBIOTICS, therapeutic use/ BILE, microbiology/ COMMON BILE DUCT CALCULI, surgery/ *COMMON BILE DUCT, surgery/ COMPARATIVE STUDY/ *DRAINAGE, adverse effects/ FEMALE/ HUMAN/ LENGTH OF STAY/ MIDDLE AGE/ PANCREATITIS, etiology/ *POSTOPERATIVE COMPLICATIONS/ SEPTICEMIA, etiology/ SURGICAL WOUND INFECTION, drug therapy/ SURGICAL WOUND INFECTION, etiology/ THROMBOEMBOLISM, etiology

4605. **Keil-Dlouha V, Misrahi R, Keil B:** The induction of collagenase and a neutral proteinase by their high molecular weight substrates in Achromobacter iophagus.
J Mol Biol 107(3):293–305, 5 Nov 76
ALCALIGENES, drug effects/ *ALCALIGENES, enzymology/ *CLOSTRIDIOPEPTIDASE A, biosynthesis/ *COLLAGEN, pharmacodynamics/ ENZYME INDUCTION, drug effects/ KINETICS/ MOLECULAR WEIGHT/ PEPSIN/ *PEPTIDE FRAGMENTS, pharmacodynamics/ *PEPTIDE HYDROLASES, biosynthesis

4606. **Keĭlin SL:** Nekotorye pokazateli materinsko-plodovykh vzaimootnoshenii pri pozdnem toksikoze beremennykh
Akush Ginekol (Mosk) (6):56–8, Jun 76 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD PROTEINS, analysis/ ENGLISH ABSTRACT/ FEMALE/ GAMMA GLOBULINS, analysis/ HUMAN/ INFANT, NEWBORN/ *MATERNAL-FETAL EXCHANGE/ *PREGNANCY TOXEMIAS, metabolism/ PREGNANCY/ PUERPERIUM/ TIME FACTORS

4607. **Keĭlin SL:** Izmeneniia belkovogo sostava i svertyvaemosti krovi materi i ploda pri revmaticheskikh porokakh serdtsa rozhenits
Akush Ginekol (Mosk) (8):23–6, Aug 76 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ *BLOOD PROTEINS, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *MATERNAL-FETAL EXCHANGE/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, blood/ PREGNANCY/ *RHEUMATIC HEART DISEASE, blood

4608. **Keiller DL:** Extraordinary bladder clots.
J Urol 117(1):43–5, Jan 77
ADULT/ AGED/ *BLADDER NECK OBSTRUCTION, etiology/ BLOOD COAGULATION/ CASE REPORT/ FEMALE/ FIBRINOLYSIN, metabolism/ *HEMATURIA, complications/ HEMATURIA, metabolism/ HUMAN/ MALE/ *THROMBOSIS, complications/ THROMBOSIS, metabolism/ UROKINASE, metabolism

4609. **Kekki M, Julkunen RJ, Wahlström B:** Distribution pharmacokinetics of warfarin in the rat, a non-linear multicompartment model.
Naunyn Schmiedebergs Arch Pharmacol 297(1):61–73, 14 Mar 77
ANIMAL/ EXTRACELLULAR SPACE, metabolism/ INJECTIONS, INTRAVENOUS/ KINETICS/ LIVER, metabolism/ MALE/ MODELS, BIOLOGICAL/ PLASMA, metabolism/ PROTEIN BINDING/ RATS/ *WARFARIN, blood

4610. **Kekomäki:** Detection of platelet-bound IgG with 125I-labelled staphylococcal protein A.
Med Biol 55(2):112–4, Apr 77
ANTIGEN-ANTIBODY COMPLEX/ *BACTERIAL PROTEINS/ BINDING SITES, ANTIBODY/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ *IGG, metabolism/ *PROTEIN BINDING/ *STAPHYLOCOCCUS AUREUS

4611. **Kekomäki R, Kauppinen HL, Penttinen K, et al:** Interactions of immune complexes and platelets in rabbits immunized with hapten-carrier conjugates.
Acta Pathol Microbiol Scand [C] 85(3):207–14, Jun 77
ANIMAL/ ANTIBODY FORMATION/ *ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS/ ASPIRIN, immunology/ *BLOOD PLATELETS, immunology/ DOSE-RESPONSE RELATIONSHIP, IMMUNOLOGIC/ HAPTENS/ LEUKOPENIA, etiology/ PLATELET AGGREGATION/ RABBITS/ THROMBOPENIA, etiology

4612. **Kelemen E:** Platelet size and thrombocytopoietic stimulus in man [letter]
Br J Haematol 36(3):449–50, Jul 77
BLOOD CELL COUNT/ *BLOOD PLATELETS/ HEMATOPOIESIS/ HUMAN/ *THROMBOPENIA, physiopathology

4613. **Kelemen J, Zarándy B, Szakáll S:** The angiographic appearance of renal angiomyolipoma and problems of its preoperative diagnosis.
Int Urol Nephrol 8(1):27–40, 1976
ADULT/ AGED/ ANGIOGRAPHY/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMANGIOMA, complications/ HEMANGIOMA, pathology/ *HEMANGIOMA, radiography/ HUMAN/ KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, pathology/ *KIDNEY NEOPLASMS, radiography/ KIDNEY, CYSTIC, complications/ LIPOMA, complications/ LIPOMA, pathology/ *LIPOMA, radiography/ TUBEROUS SCLEROSIS, complications

4614. **Kelemen J, Balogh E:** Die radiologischen Beziehungen des Sclerosis tuberosa-Symptomenkomplexes (Pringle-Bourneville'sches Syndrom).
Z Hautkr 52(15):791–803, 1 Aug 77 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ HAMARTOMA, etiology/ *HEMANGIOMA, etiology/ HUMAN/ *KIDNEY NEOPLASMS, etiology/ KIDNEY NEOPLASMS, radiography/ *LIPOMA, etiology/ LIVER NEOPLASMS, etiology/ MALE/ MIDDLE AGE/ *TUBEROUS SCLEROSIS, complications/ TUBEROUS SCLEROSIS, radiography

4615. **Keller HU, Gerber H, Hess MW, et al:** Studies on the regulation of the neutrophil chemotactic response using a rapid and reliable method for measuring random migration and chemotaxis of neutrophil granulocytes. pp. 326–39.
In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.
CELL MIGRATION INHIBITION/ CELL MOVEMENT/ CELL SEPARATION, methods/ *CHEMOTAXIS, LEUKOCYTE/ CHEMOTAXIS, LEUKOCYTE, drug effects/ DEPRESSION, CHEMICAL/ *GRANULOCYTES, physiology/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LEUKOCYTES, physiology/ MIGRATION INHIBITORY FACTOR, pharmacodynamics/ *MIGRATION INHIBITORY FACTOR, physiology/ MONOGRAPH/ *NEUTROPHILS, physiology/ PLASMA/ TIME FACTORS

4616. **Kelley JS:** The management of choroidal tumors.
Int Ophthalmol Clin 17(2):191–204, Summer 77
CHOROID NEOPLASMS, classification/ *CHOROID NEOPLASMS, diagnosis/ CICATRIX, diagnosis/ EYE NEOPLASMS, diagnosis/ FUNDUS FLUORESCENCE PHOTOGRAPHY/ HEMANGIOMA, diagnosis/ HEMORRHAGE, diagnosis/ HUMAN/ MACULAR DEGENERATION, diagnosis/ MEDICAL HISTORY TAKING/ MELANOMA, diagnosis/ NEOPLASM METASTASIS/ NEVUS, diagnosis/ OPHTHALMOSCOPY/ PHYSICAL EXAMINATION/ PIGMENT EPITHELIUM OF EYE/ PIGMENTATION DISORDERS, congenital/ RETINAL DISEASES, diagnosis/ UVEAL DISEASES, congenital/ UVEAL DISEASES, diagnosis

4617. **Kelly G, Eiseman B:** Management of small arterial injuries: clinical and experimental studies.
J Trauma 16(9):681–5, Sep 76
ASPIRIN, therapeutic use/ *BRACHIAL ARTERY, injuries/ *FEMORAL ARTERY, injuries/ FOLLOW-UP STUDIES/ HEPARIN, therapeutic use/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOSIS, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VASCULAR SURGERY

4618. **Kelly JR:** Hepatitis A.
J Fam Pract 4(5):837–40, May 77
ALANINE AMINOTRANSFERASE, blood/

ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, analysis/ BLOOD COAGULATION TESTS/ CHOLESTASIS, etiology/ CHOLESTEROL, blood/ *HEPATITIS A/ HEPATITIS A, diagnosis/ HEPATITIS A, therapy/ HEPATITIS A, transmission/ HUMAN/ JAUNDICE, etiology/ NUCLEOTIDASES, blood/ SERODIAGNOSIS/ SERUM ALBUMIN, analysis/ URINE, analysis

4619. **Kelly JV:** Drugs used in the management of toxemia of pregnancy. Clin Obstet Gynecol 20(2):395–410, Jun 77
*ANTICONVULSANTS, therapeutic use/ *ANTIHYPERTENSIVE AGENTS, therapeutic use/ BARBITURATES, adverse effects/ BLOOD VOLUME/ DIAZEPAM, adverse effects/ DIAZEPAM, therapeutic use/ *DIURETICS, therapeutic use/ DIURETICS, THIAZIDE, adverse effects/ DIURETICS, THIAZIDE, therapeutic use/ ETHACRYNIC ACID, adverse effects/ FEMALE/ FUROSEMIDE, adverse effects/ FUROSEMIDE, therapeutic use/ HEPARIN, adverse effects/ HUMAN/ HYDRALAZINE, adverse effects/ HYDRALAZINE, therapeutic use/ MAGNESIUM, adverse effects/ MAGNESIUM, therapeutic use/ MANNITOL, adverse effects/ MANNITOL, therapeutic use/ METHYLDOPA, therapeutic use/ MYOMETRIUM, drug effects/ *PREGNANCY TOXEMIAS, drug therapy/ PREGNANCY/ RAUWOLFIA ALKALOIDS, therapeutic use/ RITODRINE, therapeutic use/ VERATRUM, therapeutic use

4620. **Kelly P, Penner JA:** Antihemophilic factor inhibitors. Management with prothrombin complex concentrates. JAMA 236(18):2061–4, 1 NOV 76
ACUTE DISEASE/ FACTOR IX, analysis/ FACTOR IX, therapeutic use/ *FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, therapeutic use/ FACTOR VII, analysis/ FACTOR X, analysis/ HEMARTHROSIS, drug therapy/ *HEMOPHILIA, therapy/ HEMORRHAGE, drug therapy/ HUMAN/ *PROTHROMBIN, therapeutic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4621. **Kelly R:** Dermatoses in geriatric patients. Aust Fam Physician 6(1):36, 38–41, 43–4, PASSIM, Jan 77
AGED/ CALLOSITIES/ CARCINOMA, BASAL CELL/ CARCINOMA, EPIDERMOID/ DECUBITUS ULCER/ DERMATITIS EXFOLIATIVA/ DERMATITIS/ ENVIRONMENTAL EXPOSURE/ HEMANGIOMA/ HUMAN/ INTERTRIGO/ KERATOACANTHOMA/ KERATOSIS, etiology/ LENTIGO/ NEVUS, PIGMENTED/ PRURITUS/ PURPURA/ RADIATION INJURIES/ SCABIES/ *SKIN DISEASES/ SKIN DISEASES, INFECTIOUS/ SKIN NEOPLASMS/ SUNLIGHT/ TINEA/ VIRUS DISEASES/ WARTS

4622. **Kelly TE, Cooke RJ, Kester RW:** Acrofacial dysostosis with growth and mental retardation in three males, one with simultaneous Hermansky–Pudlak syndrome. Birth Defects 13(3B):45–52, 1977
ADOLESCENCE/ ALBINISM, familial & genetic/ AUTOSOME ABNORMALITIES/ BONE MARROW CELLS/ CASE REPORT/ CHILD/ *CRANIOFACIAL DYSOSTOSIS, familial & genetic/ *GROWTH DISORDERS, familial & genetic/ HEMORRHAGIC DIATHESIS, familial & genetic/ HUMAN/ INFANT, NEWBORN/ MACROPHAGES/ MALE/ *MENTAL RETARDATION, familial & genetic/ PHENOTYPE/ SYNDROME

4623. **Kempen HJ, de Pont JJ, Bonting SL:** Rat pancreas adenylate cyclase V. Its presence in isolated rat pancreatic acinar cells. Biochim Biophys Acta 496(2):521–31, 28 Feb 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADENYL CYCLASE, metabolism/ ANIMAL/ CHOLECYSTOKININ, pharmacodynamics/ CHYMOTRYPSIN, metabolism/ DNA, metabolism/ KINETICS/ LACTATE DEHYDROGENASE, metabolism/ MALE/ PANCREAS, cytology/ *PANCREAS, enzymology/ RATS/ SECRETIN, pharmacodynamics/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, metabolism

4624. **Kempen JM, De Pont JJ, Bonting SL:** Rat pancreatic adenylate cyclase. IV. Effect of hormones and other agents on cyclic AMP level and enzyme release. Biochim Biophys Acta 496(1):65–76, 24 Jan 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADENYL CYCLASE, metabolism/ ANIMAL/ CARBACHOL, pharmacodynamics/ *CHOLECYSTOKININ, pharmacodynamics/ *CHYMOTRYPSIN, secretion/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ LACTATE DEHYDROGENASE, secretion/ MALE/ PANCREAS, analysis/ *PANCREAS, metabolism/ PANCREAS, secretion/ RATS/ *SECRETIN, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics/ XANTHINES, pharmacodynamics/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, antagonists & inhibitors

4625. **Kempf I, Nonnenmacher J, Chopin J, et al:** Place de l'exploration isotopique dans la surveillance de la maladie thrombo-embolique en orthopédie-traumatologie. Déductions thérapeutiques à propos de 200 observations. Analyse des premiers résultats du Centre de Traumatologie de Strasbourg Rev Chir Orthop 61 Suppl 2:191–8, 1975 **(Fre)**
ADOLESCENCE/ ADULT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *RADIONUCLIDE IMAGING/ *THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, prevention & control

4626. **Kempfle B:** Erscheinungsbilder von Gewächsen in der Mundhöhle und im Gesicht (II) Quintessenz 26(5):93–100, May 75 **(Ger)**
*FACIAL NEOPLASMS/ FIBROMA/ *HEAD AND NECK NEOPLASMS/ HEMANGIOMA/ HUMAN/ LIPOMA/ LYMPHANGIOMA/ *MOUTH NEOPLASMS

4627. **Kempi V, von Schéele C:** Diagnosis of deep-vein thrombosis with sodium pertechnetate. J Nucl Med 17(12):1096–9, Dec 76
ADULT/ AGED/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *RADIONUCLIDE IMAGING/ *TECHNETIUM, diagnostic use/ *THROMBOPHLEBITIS, diagnosis

4628. **Kempmann G:** Verkalkte Beckenvenenthrombose und Stauungsossifikation am Unterschenkel--seltene Spätfolgen der chronisch-venösen Insuffizienz. Fortschr Geb Roentgenstr Nuklearmed 127(1):74–6, Jul 77 **(Ger)**
AGED/ *CALCINOSIS, etiology/ CALCINOSIS, radiography/ CASE REPORT/ FEMALE/ HUMAN/ *LEG, blood supply/ *OSSIFICATION, PATHOLOGIC, etiology/ OSSIFICATION, PATHOLOGIC, radiography/ *PELVIS, blood supply/ PHLEBOGRAPHY/ *THROMBOPHLEBITIS, complications

4629. **Kemshead JT, Hipkiss AR:** Degradation of abnormal proteins in Escherichia coli. Differential proteolysis in vitro of E. coli alkaline phosphatase cyanogen-bromide-cleavage products. Eur J Biochem 71(1):185–92, Dec 76
*ALKALINE PHOSPHATASE/ ALKALINE PHOSPHATASE, metabolism/ *BACTERIAL PROTEINS, metabolism/ CYANOGEN BROMIDE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, enzymology/ KINETICS/ PEPTIDE FRAGMENTS, isolation & purification/ *PEPTIDE HYDROLASES, metabolism

4630. **Kendall BE, Claveria LE:** The use of computed axial tomography (CAT) for the diagnosis and management of intracranial angiomas. Neuroradiology 12(3):141–60, 1976
ADOLESCENCE/ ADULT/ *BRAIN NEOPLASMS, radiography/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL ARTERIOVENOUS MALFORMATIONS, radiography/ CHILD/ EVALUATION STUDIES/ FEMALE/ *HEMANGIOMA, radiography/

HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ MALE/ MIDDLE AGE/ RADIONUCLIDE IMAGING/ SKULL, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

4631. **Kendall BE, Logue V:** Spinal epidural angiomatous malformations draining into intrathecal veins. Neuroradiology 13(4):181–9, 27 Jun 77
AGED/ ARTERIOVENOUS MALFORMATIONS, physiopathology/ *ARTERIOVENOUS MALFORMATIONS, radiography/ FEMALE/ *HEMANGIOMA, blood supply/ HEMANGIOMA, physiopathology/ HUMAN/ MALE/ MIDDLE AGE/ MYELOGRAPHY/ *SPINAL CORD, blood supply/ VENOUS PRESSURE

4632. **Kendrick WC, Hull AR, Knochel JP:** Rhabdomyolysis and shock after intravenous amphetamine administration. Ann Intern Med 86(4):381–7, Apr 77
ADULT/ *AMPHETAMINES, adverse effects/ BLOOD VOLUME/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ FEMALE/ HEART ARREST, chemically induced/ HUMAN/ INJECTIONS, INTRAVENOUS/ KIDNEY TUBULAR NECROSIS, ACUTE, etiology/ MALE/ *MYOGLOBINURIA, chemically induced/ MYOGLOBINURIA, complications/ MYOGLOBINURIA, therapy/ PHENMETRAZINE, adverse effects/ PULMONARY EDEMA, chemically induced/ *SHOCK, SEPTIC, chemically induced/ SYNDROME/ UREA, blood

4633. **Kenealy MD, Jacobson NL, Wiggers KD:** The effects of supplemental dietary cholesterol and exercise on blood cholesterol and atherosclerosis in the goat. Atherosclerosis 27(1):65–9, May 77
ANIMAL/ AORTA, pathology/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ ATHEROSCLEROSIS, pathology/ *CHOLESTEROL, blood/ *CHOLESTEROL, DIETARY, administration & dosage/ DISEASE MODELS, ANIMAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *EXERTION/ FATTY STREAK, ARTERIAL, pathology/ FEMALE/ *GOATS, blood/ MALE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4634. **Kennedy JH, Hwang NH, Loeffler R, et al:** Possible femoral 'steal' syndrome following femoral-femoral bypass. J Cardiovasc Surg (Torino) 18(4):373–8, Jul–Aug 77
AGED/ ANEURYSM, complications/ ANEURYSM, surgery/ AORTOGRAPHY/ *BLOOD VESSEL PROSTHESIS/ CASE REPORT/ FEMALE/ *FEMORAL ARTERY, surgery/ HUMAN/ ISCHEMIA, complications/ *ISCHEMIA, etiology/ LEG ULCER, complications/ *LEG, blood supply/ MIDDLE AGE/ PERITONITIS, complications/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4635. **Kennedy SI, Brzeski H, Clegg JC:** Synthesis of the polymerase polypeptides of Semliki Forest virus. pp. 677–88.
In: Baltimore D, et al., ed. Animal virology. New York, Academic Press, 1976. W3 I322 v.4 1976.
CELL LINE/ CHROMATOGRAPHY, THIN LAYER/ CHROMOSOME MAPPING/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GENES, STRUCTURAL/ KINETICS/ MONOGRAPH/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDES, biosynthesis/ *RNA POLYMERASES, biosynthesis/ RNA POLYMERASES, isolation & purification/ RNA, VIRAL, biosynthesis/ SEMLIKI FOREST VIRUS, enzymology/ *SEMLIKI FOREST VIRUS, metabolism/ TRYPSIN

4636. **Kennel SJ:** Purification of a glycoprotein from mouse ascites fluid by immunoaffinity chromatography which is related to the major glycoprotein of murine leukemia viruses. Immunologic and structural comparison with purified viral glycoproteins. J Biol Chem 251(20):6197–204, 25 Oct 76
ANIMAL/ ANTIGEN-ANTIBODY REACTIONS/ *ASCITIC FLUID, immunology/ CHROMATOGRAPHY, AFFINITY/ COMPARATIVE STUDY/ *GLYCOPROTEINS/ GLYCOPROTEINS, immunology/ GLYCOPROTEINS, isolation & purification/ MICE/ *MOLONEY VIRUS, immunology/ MOLONEY VIRUS, metabolism/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VIRAL PROTEINS, biosynthesis/ VIRAL PROTEINS, immunology

4637. **Kenner T, Leopold H, Hinghofer-Szalkay H:** Kontinuierliche Präzisionsmessung der Dichte des arteriellen Blutes Wien Med Wochenschr 127(1):19–21, 1977 **(Ger)**
ANIMAL/ BLOOD CELLS/ BLOOD TRANSFUSION, AUTOLOGOUS/ BLOOD VISCOSITY/ BLOOD VOLUME/ CATS/ *DENSITOMETRY, methods/ EXTRACORPOREAL CIRCULATION/ GLUCOSE, pharmacodynamics/ HEMODIALYSIS/ HEMORRHAGE/ HYPERTONIC SOLUTIONS/ ISOTONIC SOLUTIONS/ RABBITS/ SODIUM CHLORIDE, pharmacodynamics

4638. **Kenney WC, Edmondson DE, Singer TP, et al:** Identification and properties of the covalently bound flavin of beta-cyclopiazonate oxidocyclase. Biochemistry 15(22):4931–5, 2 Nov 76
*BETA-CYCLOPIAZONATE OXIDOCYCLASE/ AMINO ACIDS, analysis/ BINDING SITES/ CHYMOTRYPSIN/ CIRCULAR DICHROISM/ *FLAVINS, analysis/ HYDROGEN-ION CONCENTRATION/ MOLECULAR CONFORMATION/ *OXIDOREDUCTASES/ PENICILLIUM, enzymology/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECTROMETRY, FLUORESCENCE/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4639. **Kenney WC, Edmondson DE, Singer TP:** Identification of the covalently bound flavin of L-gulono-gamma-lactone oxidase. Biochem Biophys Res Commun 71(4):1194–200, 23 Aug 76
*ALCOHOL OXIDOREDUCTASES/ ALCOHOL OXIDOREDUCTASES, metabolism/ ANIMAL/ BINDING SITES/ CHYMOTRYPSIN/ *FLAVINS/ FLAVINS, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ MICROSOMES, LIVER, enzymology/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ SPECTROMETRY, FLUORESCENCE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4640. **Kenny AJ, Booth AG:** Organization of the kidney proximal-tubule plasma membrane. Biochem Soc Trans 4(6):1011–7, 1976
ANIMAL/ CELL MEMBRANE, enzymology/ *CELL MEMBRANE, ultrastructure/ GLYCOPROTEINS, analysis/ HYDROLASES, metabolism/ KIDNEY TUBULES, PROXIMAL, enzymology/ *KIDNEY TUBULES, PROXIMAL, ultrastructure/ MODELS, STRUCTURAL/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, metabolism

4641. **Kents VV, Andreeva NA:** Vliianie griazevykh applikatsii na sostoianie svertyvaniia krovi i lipidnyĭ obmen krolikov s eksperimental'nym aterosklerozom. Vopr Kurortol Fizioter Lech Fiz Kult (2):34–7, Mar–Apr 77 **(Rus)**
ANIMAL/ *ARTERIOSCLEROSIS, physiopathology/ *ATHEROSCLEROSIS, physiopathology/ ATHEROSCLEROSIS, therapy/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ *LIPIDS, metabolism/ *MUD THERAPY/ RABBITS

4642. **Kern E, Klaue P, Homann B:** Die intraoperative maschinelle

Autotransfusion bei Massivblutungen
Dtsch Med Wochenschr 102(6):188–92, 11 Feb 77 (Eng. Abstr.) **(Ger)**
ADULT/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD TRANSFUSION, AUTOLOGOUS, adverse effects/ *BLOOD TRANSFUSION, AUTOLOGOUS, methods/ EMBOLISM, AIR, etiology/ ENGLISH ABSTRACT/ FEMALE/ HEMOLYSIS/ *HEMORRHAGE, therapy/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS

4643. **Kern IB:** Management of children with chronic femoral artery obstruction. J Pediatr Surg 12(1):83–90, Feb 77
ANGIOGRAPHY, adverse effects/ ARTERIOVENOUS ANASTOMOSIS/ CASE REPORT/ CATHETERIZATION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *FEMORAL ARTERY/ FEMORAL ARTERY, radiography/ FEMORAL ARTERY, surgery/ HUMAN/ INTERMITTENT CLAUDICATION, etiology/ INTERMITTENT CLAUDICATION, surgery/ THROMBOSIS, etiology/ THROMBOSIS, radiography/ *THROMBOSIS, surgery/ UMBILICAL ARTERIES

4644. **Kern R:** Vor- und Nachteile der Allgemeinnarkose bei Augen-operationen aus der Sicht des Ophthalmochirurgen Klin Monatsbl Augenheilkd 170(2):332–6, Feb 77 (Eng. Abstr.) **(Ger)**
AGED/ *ANESTHESIA, GENERAL/ ANESTHESIA, GENERAL, adverse effects/ CARDIOVASCULAR DISEASES, prevention & control/ ENGLISH ABSTRACT/ *EYE DISEASES, surgery/ HUMAN/ MENTAL DISORDERS, prevention & control/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control

4645. **Kerr DN, Hoenich NA, Frost TH:** Progress in hemodialysis 1974 -- 1975. Adv Nephrol 6:415–42, 1976 (208 ref.)
ARTERIOVENOUS SHUNT, SURGICAL, methods/ BLOOD COAGULATION DISORDERS, pathology/ BLOOD VESSEL PROSTHESIS/ CARDIOVASCULAR DISEASES, pathology/ *HEMODIALYSIS, methods/ HEPATITIS B, pathology/ HUMAN/ KIDNEY FAILURE, ACUTE, pathology/ KIDNEY FAILURE, ACUTE, therapy/ KIDNEY, pathology/ KIDNEY, ARTIFICIAL/ MEMBRANES, ARTIFICIAL/ MONITORING SYSTEMS, instrumentation/ NEUROMUSCULAR DISEASES, pathology/ RENAL OSTEODYSTROPHY, pathology/ REVIEW/ UREMIA, therapy

4646. **Kerr MA, Walsh KA, Neurath H:** A proposal for the mechanism of chymotrypsinogen activation. Biochemistry 15(25):5566–70, 14 Dec 76
AMINO ACIDS, analysis/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ *CHYMOTRYPSINOGEN/ CHYMOTRYPSINOGEN, metabolism/ CIRCULAR DICHROISM/ IODOACETATES/ ISOTOPE LABELING/ KINETICS/ MODELS, BIOLOGICAL/ PROTEIN CONFORMATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4647. **Kerstein MD:** Thrombophlebitis. Angiology 28(4):228–34, Apr 77 (64 ref.)
ANTICOAGULANTS, therapeutic use/ CLOT RETRACTION/ HUMAN/ PROTHROMBIN, analysis/ PULMONARY EMBOLISM, prevention & control/ REVIEW/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, physiopathology/ THROMBOPHLEBITIS, surgery/ THROMBOPHLEBITIS, therapy

4648. **Keski-Oja J, Mosher DF, Vaheri A:** Cross-linking of a major fibroblast surface-associated glycoprotein (fibronectin) catalyzed by blood coagulation factor XIII. Cell 9(1):29–35, Sep 76
CELL LINE/ CELL MEMBRANE, metabolism/ *FACTOR XIII, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ *FIBROBLASTS, metabolism/ *GLYCOPROTEINS, metabolism/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4649. **Keski-Oja J:** Polymerization of a major surface-associated glycoprotein, fibronectin, in cultured fibroblasts. FEBS Lett 71(2):325–9, 1 Dec 76
CELLS, CULTURED/ CHICK EMBRYO/ FIBROBLASTS, metabolism/ *GLYCOPROTEINS, biosynthesis/ IODOPROTEINS, metabolism/ MACROMOLECULAR SYSTEMS/ *MEMBRANE PROTEINS, biosynthesis/ MOLECULAR WEIGHT/ PROTEIN BINDING/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4650. **Kesler DF:** Metod opredeleniia proteoliticheskoĭ aktivnosti s pomoshch'iu ningidrina Lab Delo (12):718–9, 1976 **(Rus)**
ADULT/ AGED/ CORONARY DISEASE, enzymology/ ENZYME TESTS, methods/ HUMAN/ HYDROLYSIS/ MIDDLE AGE/ NINHYDRIN, diagnostic use/ *PEPTIDE HYDROLASES, blood

4651. **Kessler E, Mondino BJ, Brown SI:** The corneal response to Pseudomonas aeruginosa: histopathological and enzymatic characterization. Invest Ophthal Visual Sci 16(2):116–25, Feb 77
ANIMAL/ CLOSTRIDIOPEPTIDASE A, metabolism/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ COLLAGEN/ CORNEAL ULCER, enzymology/ CORNEAL ULCER, microbiology/ *CORNEAL ULCER, pathology/ HUMAN/ PEPTIDE HYDROLASES, metabolism/ PROTEOGLYCANS, metabolism/ *PSEUDOMONAS AERUGINOSA/ PSEUDOMONAS AERUGINOSA, enzymology/ RABBITS/ SOLUBILITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4652. **Kessler E, Kennah HE, Brown SI:** Pseudomonas protease. Purification, partial characterization, and its effect on collagen, proteoglycan, and rabbit corneas. Invest Ophthal Visual Sci 16(6):488–97, Jun 77
ANIMAL/ *COLLAGEN, metabolism/ *CORNEA, drug effects/ CORNEAL ULCER, microbiology/ GLUCURONATES, metabolism/ HEXOSAMINES, metabolism/ HUMAN/ HYDROXYPROLINE, metabolism/ METHODS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, pharmacodynamics/ *PROTEOGLYCANS, metabolism/ *PSEUDOMONAS AERUGINOSA, enzymology/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4653. **Kessner A, Troll W:** Fluorometric microassay of plasminogen activators. Arch Biochem Biophys 176(2):411–6, Oct 76
ANIMAL/ ENZYME ACTIVATION/ FIBRINOLYSIN, metabolism/ HEPATOMA, enzymology/ HUMAN/ KINETICS/ LIVER NEOPLASMS, enzymology/ MICROCHEMISTRY/ NEOPLASMS, EXPERIMENTAL, enzymology/ *PLASMINOGEN, metabolism/ PROTAMINES/ RATS/ SPECTROMETRY, FLUORESCENCE, methods/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ UROKINASE, metabolism

4654. **Kesztele V, Hürbe E, Wischin W:** Erfahrungen mit proteolytischen Enzymen beim Bronchuskarzinom Wien Med Wochenschr 126(25–27):412–4, 25 Jun 76 **(Ger)**
ADENOCARCINOMA, drug therapy/ *BRONCHIAL NEOPLASMS, drug therapy/ CARCINOMA, EPIDERMOID, drug therapy/ CARCINOMA, OAT CELL, drug therapy/ CLINICAL RESEARCH/ DRUG EVALUATION/ FEMALE/ HUMAN/ MALE/ *PEPTIDE HYDROLASES, therapeutic use

4655. **Keutmann HT, Williams RM:** Human chorionic gonadotropin. Amino acid sequence of the hormone-specific COOH-terminal region. J Biol Chem 252(15):5393–7, 10 Aug 77

AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHYMOTRYPSIN/ *GONADOTROPINS, CHORIONIC/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4656. **Kevy SV, Jacobson M, Button L:** Clinical uses of frozen-thawed erythrocytes in pediatrics. Prog Clin Biol Res 11:89–95, 1976
ANEMIA, APLASTIC, therapy/ ANEMIA, HEMOLYTIC, therapy/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CHILD/ *ERYTHROCYTES, physiology/ FREEZING/ HUMAN/ INFANT, NEWBORN/ KIDNEY DISEASES, therapy/ LEUKEMIA, therapy

4657. **Kew MC, Van Coller B, Prowse CM, et al:** Occurrence of primary hepatocellular cancer and peliosis hepatis after treatment with androgenic steroids. S Afr Med J 50(32):1233–7, 24 Jul 76
ADOLESCENCE/ ADULT/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ FANCONI'S ANEMIA, drug therapy/ FEMALE/ *HEPATOMA, chemically induced/ HUMAN/ *LIVER DISEASES, chemically induced/ *LIVER NEOPLASMS, chemically induced/ MALE/ *OXYMETHOLONE, adverse effects/ OXYMETHOLONE, therapeutic use/ *PURPURA, chemically induced

4658. **Keyhani M:** Characteristics of coagulase-positive staphylococci from nose and tonsils of apparently healthy dogs. J Comp Pathol 87(2):311–4, Apr 77
ANIMAL/ BACTERIOPHAGE TYPING/ *COAGULASE, analysis/ *DOGS, microbiology/ *NOSE, microbiology/ STAPHYLOCOCCUS AUREUS, enzymology/ *STAPHYLOCOCCUS AUREUS, isolation & purification/ *TONSIL, microbiology

4659. **Kézdy FJ, Kaiser ET:** Active site titration of cysteine proteases. Methods Enzymol 45:3–12, 1976
ACETOPHENONES/ BINDING SITES/ BROMELAINS/ CYSTEINE/ KINETICS/ MATHEMATICS/ NITRO COMPOUNDS/ PAPAIN, metabolism/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, metabolism/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4660. **Khadri C:** Angiome du rein. Tunis Med 55(1):33, Feb 77 **(Fre)**
*HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HUMAN/ *KIDNEY NEOPLASMS/ KIDNEY NEOPLASMS, diagnosis/ KIDNEY NEOPLASMS, surgery

4661. **Khaĭtlina SIu, Pinaev GP:** Sokhranenie razlichiĭ v stepeni polimerizatsii aktina, vydelennogo na raznykh stadiiakh ontogeneza, posle ochistki ego preparatov Biokhimiia 41(5):787–93, May 76 (Eng. Abstr.) **(Rus)**
*ACTIN, analysis/ ACTIN, isolation & purification/ *AGING/ ANIMAL/ BIREFRINGENCE/ ELECTROPHORESIS, DISC/ ENGLISH ABSTRACT/ *MUSCLES, analysis/ *POLYMERS, analysis/ RABBITS/ TRYPSIN, pharmacodynamics/ VISCOSITY

4662. **Khaleeli AA:** Quinaband-induced thrombocytopenic purpura in a patient with myxoedema coma. Br Med J 2(6035):562–3, 4 Sep 76
AGED/ BANDAGES/ CASE REPORT/ COMA, etiology/ DRUG COMBINATIONS/ FEMALE/ HUMAN/ IODOCHLORHYDROXYQUIN, administration & dosage/ *IODOCHLORHYDROXYQUIN, adverse effects/ *MYXEDEMA, complications/ *PURPURA, THROMBOPENIC, chemically induced/ ZINC OXIDE, administration & dosage

4663. **Khaleeli M, Giorgio AJ:** Defective platelet function after cephalosporin administration [letter] Blood 48(5):791–2, Nov 76
*BLOOD PLATELETS, drug effects/ *CEPHALOSPORINS, adverse effects/ HUMAN

4664. **Khaleeli M:** Thrombocytopenia and cancer chemotherapy [letter]. Hosp Pract 11(11):20, Nov 76
HOSPITAL INFECTIONS, etiology/ HOSPITAL INFECTIONS, prevention & control/ HUMAN/ *INJECTIONS, INTRAMUSCULAR, adverse effects/ *NEOPLASMS, drug therapy/ *THROMBOPENIA, chemically induced

4665. **Khalfen ESh, Shvarts IL, Ikonnikova EI:** Vzaimosviaz' narusheniĭ lipidnogo obmena i gemostaza pri ateroskleroze Kardiologiia 16(10):123–30, Oct 76 (Eng. Abstr.) **(Rus)**
ADSORPTION/ ADULT/ AGED/ ANIMAL/ ARTERIOSCLEROSIS, familial & genetic/ *ARTERIOSCLEROSIS, metabolism/ ARTERIOSCLEROSIS, physiopathology/ COMPARATIVE STUDY/ DIET, ATHEROGENIC/ DIETARY FATS, administration & dosage/ ENGLISH ABSTRACT/ FASTING/ FEMALE/ *HEMOSTASIS/ HUMAN/ *LIPIDS, metabolism/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION/ RABBITS

4666. **Khalifa AS, Lusher JM, Cejka J, et al:** Immunoglobulins in idiopathic thrombocytopenic purpura in childhood. Acta Haematol (Basel) 56(4):205–11, 1976
ACUTE DISEASE/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ COMPLEMENT 3, analysis/ FEMALE/ HUMAN/ *IGA, analysis/ *IGG, analysis/ *IGM, analysis/ INFANT/ MALE/ PURPURA, THROMBOPENIC, diagnosis/ *PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, therapy/ RECURRENCE/ SPLENECTOMY

4667. **Khalil M, Gerstenberg E, Johne M, et al:** Karzonomsimulierende Veränderungen der Mamma bei Axillar-Venen-Thrombose Roentgenblaetter 12:602–5, Dec 76 (Eng. Abstr.) **(Ger)**
AGED/ *AXILLARY VEIN, radiography/ BREAST NEOPLASMS, radiography/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MAMMOGRAPHY/ MIDDLE AGE/ *THROMBOSIS, radiography

4668. **Khaltaev NG:** Osobennosti pitaniia kak faktor riska ishemicheskoĭ bolezni serdtsa Ter Arkh 48(6):142–8, 1976 (100 ref.) **(Rus)**
ADULT/ ALCOHOLISM, complications/ CHOLESTEROL, DIETARY, adverse effects/ *CORONARY DISEASE, etiology/ *DIET, ATHEROGENIC/ DIETARY CARBOHYDRATES, adverse effects/ DIETARY FATS, adverse effects/ *DIETARY HABITS/ DIETARY PROTEINS, adverse effects/ *FOOD HABITS/ HUMAN/ MALE/ MIDDLE AGE/ REVIEW/ RISK/ SOCIOECONOMIC FACTORS

4669. **Khaltaev NG, Dennis B:** Kolichestvennaia otsenka potrebleniia pishchevykh veshchestv, v epidemiologicheskikh issledovaniiakh serdechno-sosudistykh zabolevaniĭ Kardiologiia 16(9):113–8, Sep 76 (Eng. Abstr.) **(Rus)**
ADULT/ *CARDIOVASCULAR DISEASES, etiology/ *DIET/ DIET, ATHEROGENIC/ DIETARY CARBOHYDRATES/ DIETARY FATS, analysis/ DIETARY PROTEINS/ ENGLISH ABSTRACT/ *FOOD/ HUMAN/ MALE/ MIDDLE AGE/ *NUTRITION SURVEYS/ UNITED STATES/ USSR

4670. **Khan A, Sellars W, Goble P, et al:** The role of transfer factor in the treatment of lymphoma cutis in Wiskott-Aldrich syndrome. pp. 595–600.
In: Ascher MS, et al., ed. Transfer factor: basic properties and clinical applications. New York, Academic Press, 1976. W3 IN9324N 1975t.
ADOLESCENCE/ ALDRICH SYNDROME, complications/ *ALDRICH SYNDROME, therapy/ CASE REPORT/ DINITROCHLOROBENZENE, immunology/ ERYTHROCYTES, immunology/ HUMAN/ HYPERSENSITIVITY, DELAYED/ IMMUNE ADHERENCE REACTION/ LYMPHOMA, complications/ *LYMPHOMA, therapy/ MALE/ MONOGRAPH/ SKIN TESTS/ THYMOSIN/ *TRANSFER FACTOR, therapeutic use

4671. **Khan A, Wakasugi K, Hill N, et al:** Changes in the immunocompetence and surface markers of lymphocytes in stored blood. Exp Hematol 5(1):8–12, Jan 77
B-LYMPHOCYTES, immunology/ *BLOOD PRESERVATION/ COMPARATIVE STUDY/ CONCANAVALIN A, pharmacodynamics/

HUMAN/ IMMUNOLOGIC TECHNICS/ LEUKOCYTE COUNT/ LIPOPOLYSACCHARIDES, pharmacodynamics/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, immunology/ MITOGENS/ NEUTROPHILS, immunology/ PLANT AGGLUTININS, pharmacodynamics/ T-LYMPHOCYTES, immunology/ TEMPERATURE/ TIME FACTORS

4672. **Khan MA, Earl FL, Farber TM, et al:** Elevation of serum cholesterol and increased fatty streaking in egg yolk:lard fed castrated miniature pigs. Exp Mol Pathol 26(1):63–74, Feb 77
AGE FACTORS/ ANIMAL/ BODY WEIGHT/ *CASTRATION/ CHOLESTEROL, blood/ *DIET, ATHEROGENIC/ DIETARY FATS, adverse effects/ *EGG YOLK, adverse effects/ FATTY STREAK, ARTERIAL, blood/ *FATTY STREAK, ARTERIAL, etiology/ *HYPERCHOLESTEREMIA, etiology/ MALE/ TESTOSTERONE, blood/ TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4673. **Khan MA:** On the subsarcolemmal localization of phenazine ethosulfate-linked alpha-glycerophasphate dehydrogenase activity in pigeon pectoralis white muscle fibres. Histochemistry 50(2):103–10, 29 Dec 76–77
ANIMAL/ CHICKENS/ *GLYCEROLPHOSPHATE DEHYDROGENASE, analysis/ HISTOCYTOCHEMISTRY/ METHYLPHENAZONIUM METHOSULFATE/ *MITOCHONDRIA, MUSCLE, enzymology/ PHENAZINES/ *PIGEONS/ *SARCOLEMMA, enzymology/ SARCOLEMMA, ultrastructure/ SPECIES SPECIFICITY/ VITAMIN K

4674. **Khan MA, Ricanati ES, Park MJ:** Lupus nephritis and renal vein thrombosis [letter]. Ann Intern Med 86(1):114, Jan 77
CASE REPORT/ FEMALE/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MIDDLE AGE/ *NEPHRITIS, complications/ *RENAL VEINS/ *THROMBOSIS/ *THROMBOSIS, etiology

4675. **Khan PK:** Laparoscopic observation of the female pelvis following abortions by suction curettage. Int Surg 62(2):77–8, Feb 77
*ABORTION, INDUCED/ ABORTION, INDUCED, methods/ ADULT/ CASE REPORT/ *DILATATION AND CURETTAGE, methods/ FEMALE/ HEMATOMA, diagnosis/ HUMAN/ *LAPAROSCOPY/ PERITONEAL DISEASES, diagnosis/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ PREGNANCY/ UTERUS, injuries/ *VACUUM CURETTAGE, methods

4676. **Khanin AG, Tolstykh PI, Muliaev LF, et al:** Zazhivlenie gnoĭnykh ran pri lechenii proteoliticheskim fermentom bakterial'nogo proiskhozhdeniia (gigrolitinom) Sov Med (3):119–24, Mar 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ SUPPURATION/ *WOUND HEALING/ *WOUND INFECTION, drug therapy

4677. **Kharchenko VZ, Protsenko VA, Usharovich SM:** Sravnitel'naia otsenka lechebnogo deĭstviia ingitrila pri turniketnom shoke (éksperimental'noe issledovanie) Farmakol Toksikol 40(2):187–90, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ COMPARATIVE STUDY/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HEART, physiopathology/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LUNG/ PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ *SHOCK, drug therapy/ SHOCK, physiopathology/ *TISSUE EXTRACTS, therapeutic use

4678. **Kharlitskaia EV, Zolotukhin SI:** Issledovanie induktsii adgezii trombotsitov v prisutstvii geparina. Farmakol Toksikol 39(4):440–4, Jun–Aug 76 (Eng. Abstr.) **(Rus)**
ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ COMPARATIVE STUDY/ DRUG ANTAGONISM/ ENGLISH ABSTRACT/ EPINEPHRINE, antagonists & inhibitors/ EPINEPHRINE, pharmacodynamics/ *HEPARIN, pharmacodynamics/ HISTAMINE H1 RECEPTOR BLOCKADERS/ HISTAMINE, pharmacodynamics/ IN VITRO/ ISOTONIC SOLUTIONS/ NOREPINEPHRINE, antagonists & inhibitors/ NOREPINEPHRINE, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics

4679. **Khavkina LS, Rozenfel'd MA, Piruzian LA, et al:** Termografiia kak printsipial'no novyĭ énergeticheskiĭ metod otsenki sostoianiia gemostaza v norme i pri patologii. Izv Akad Nauk SSSR [Biol] (2):288–96, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION DISORDERS, diagnosis/ ENGLISH ABSTRACT/ HUMAN/ THERMOGRAPHY

4680. **Kher A:** L'urokinase. Données Biochimiques, Pharmacologiques et thérapeutiques Pathol Biol (Paris) 24 Suppl:54–69, Dec 76 (115 ref.) (Eng. Abstr.) **(Fre)**
ALPHA MACROGLOBULINS, pharmacodynamics/ ANIMAL/ ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CHEMISTRY/ COAGULANTS, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ HYPHEMA, drug therapy/ MYOCARDIAL INFARCT, drug therapy/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ PLASMINOGEN ACTIVATORS, pharmacodynamics/ PULMONARY EMBOLISM, drug therapy/ RETINAL VEIN/ REVIEW/ THROMBOPHLEBITIS, drug therapy/ THROMBOSIS, drug therapy/ UROKINASE, administration & dosage/ UROKINASE, antagonists & inhibitors/ UROKINASE, metabolism/ UROKINASE, pharmacodynamics/ *UROKINASE, therapeutic use

4681. **Kher A, Toulemonde F:** Bilan minimal pré-opératoire de l'hémostase Ann Chir 31(2):177–9, Feb 77 (Eng. Abstr.) **(Fre)**
BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HEMORRHAGE, prevention & control/ *HEMOSTASIS/ HUMAN/ *PREOPERATIVE CARE

4682. **Khitri A, Benlatrache K, Martin JP:** Pi W3 Constantine, nouvel allèle du système Pi. Sem Hop Paris 53(16):909–10, 23 Apr 77 (Eng. Abstr.) **(Fre)**
ALGERIA/ *ALLELES/ *ALPHA 1-ANTITRYPSIN/ ALPHA 1-ANTITRYPSIN, analysis/ ENGLISH ABSTRACT/ HOMOZYGOTE/ HUMAN/ *PEPTIDE HYDROLASES, antagonists & inhibitors

4683. **Khmara NF, Trukhan AS:** Aktivnost' laktatdegidrogeazy i ee izofermenty v trombotsitakh pri razlichnykh formakh narusheniia mozgovogo krovoobrashcheniia Vopr Med Khim 22(2):183–7, Mar–Apr 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, enzymology/ CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ *CEREBROVASCULAR DISORDERS, diagnosis/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ ENZYME TESTS, methods/ HEMATOMA, diagnosis/ HUMAN/ *LACTATE DEHYDROGENASE ISOENZYMES, blood/ *LACTATE DEHYDROGENASE, blood/ MIDDLE AGE/ SUBARACHNOID HEMORRHAGE, diagnosis

4684. **Khnykina VI, Aleksandrova LS, Kolesov EV:** Intensivnaia terapiia posle priamykh vmeshatel'stv na venechnykh arteriiakh serdtsa Klin Med (Mosk) 55(3):34–9, Mar 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ARRHYTHMIA, prevention & control/ ENGLISH ABSTRACT/ FEMALE/

HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL REVASCULARIZATION/ *POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOEMBOLISM, prevention & control

4685. **Khodan IV:** Sostoianie svetyvaiushcheĭ sistemy krovi u bol'nykh, stradaiushchikh epilepsieĭ i khronicheskim tonzillitom Zh Ushn Nos Gorl Bolezn (2):93–4, Mar–Apr 77 **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ CHILD/ CHRONIC DISEASE/ *EPILEPSY, blood/ HUMAN/ MIDDLE AGE/ *TONSILLITIS, blood

4686. **Kholodnyĭ AIa, Malinskiĭ DM, Bagautdinov ShM, et al:** Sistema ucheta zamorozhennykh kostnogo mozga i eritrotsitov Probl Gematol Pereliv Krovi 21(9):57–60, 1976 **(Rus)**
*BLOOD PRESERVATION/ *BONE MARROW CELLS/ *ERYTHROCYTES/ HUMAN/ *PUNCHED-CARD SYSTEMS/ *REFRIGERATION/ *TISSUE PRESERVATION

4687. **Kholodnyĭ AIa, Koval' IuF, Petrenko GI, et al:** Gistogrammy ob'emnykh razmerov eritrotsytov, konservirovannykh zamorazhivaniem pri ul'tranizkikh temperaturakh. Probl Gematol Pereliv Krovi 22(6):52–4, Jun 77 **(Rus)**
*BLOOD PRESERVATION/ *ERYTHROCYTES/ *FREEZING/ HUMAN/ TEMPERATURE

4688. **Khomenko LA:** Kininovaia sistema i perspektivy ee izucheniia v stomatologii. Stomatologiia (Mosk) 56(3):75–7, May–Jun 77 (45 ref.) **(Rus)**
ANIMAL/ *DENTISTRY/ ENZYME ACTIVATION/ HUMAN/ KALLIKREIN, antagonists & inhibitors/ KALLIKREIN, physiology/ KALLIKREIN, secretion/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KININASE I, metabolism/ KININASE II, metabolism/ KININS, biosynthesis/ *KININS, physiology/ MOUTH DISEASES, physiopathology/ PAROTID GLAND, enzymology/ PEPTIDE HYDROLASES, metabolism/ PERIODONTAL DISEASES, physiopathology/ REVIEW/ SALIVA, enzymology/ SALIVA, physiology/ SALIVARY GLANDS, secretion/ VASODILATOR AGENTS

4689. **Khomenko NM, Voloboev NA:** Geparinoterapiia mikrotsirkuliatornykh narushenii pri ostrykh khirurgicheskikh zabolevaniiakh organov briushnoĭ polosti Sov Med (9):30–2, 1976 (Eng. Abstr.) **(Rus)**
*ABDOMEN, ACUTE, drug therapy/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ *MICROCIRCULATION, drug effects/ MIDDLE AGE

4690. **Khramov VA, Klimova IM:** Reaktsiia n-benzokhinona s aminoproizvodnymi i ee ispol'zovanie v biokhimicheskoĭ praktike Vopr Med Khim (1):110–4, Jan–Feb 77 (Eng. Abstr.) **(Rus)**
*AMINES/ CHEMISTRY/ ENGLISH ABSTRACT/ GLYCINE/ HYDROGEN-ION CONCENTRATION/ OSMOLAR CONCENTRATION/ PAPAIN, analysis/ PEPTIDE HYDROLASES, analysis/ *QUINONES/ SERUM ALBUMIN, BOVINE, analysis/ TEMPERATURE/ TRYPSIN, analysis

4691. **Khristov Kh, Mikhova M, Kraĭchev S:** Kum vuprosa za diagnostika i lechebnata taktika pri travmatichniia intramuralen khematom na duodenuma v detskata vuzrast Khirurgiia (Sofiia) 29(4):312–5, 1976 **(Bul)**
ACCIDENTS/ CASE REPORT/ CHILD, PRESCHOOL/ *DUODENAL DISEASES, diagnosis/ DUODENAL DISEASES, therapy/ *DUODENUM, injuries/ *HEMATOMA, diagnosis/ HEMATOMA, therapy/ HUMAN/ MALE

4692. **Khubutiia RD, Vasin VA, Medinskaia AI:** K klinike i patomorfologii idiopaticheskogo miokardita Kardiologiia 16(9):79–84, Sep 76 **(Rus)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ ARRHYTHMIA, complications/ CHRONIC DISEASE/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDITIS, classification/ MYOCARDITIS, complications/ *MYOCARDITIS, diagnosis/ MYOCARDIUM, pathology/ THROMBOEMBOLISM, complications

4693. **Khudiakova MA, Shul'zhenko EB:** Svertyvaiushchaia sistema krovi pri 12-sutochnoĭ vodnoĭ immersii i profilakticheskaia rol' vrashcheniĭ na tsentifuge. Kosm Biol Aviakosm Med 11(3):79–81, May–Jun 77 **(Rus)**
BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ *CENTRIFUGATION/ HEMOSTASIS/ HUMAN/ *IMMERSION, physiopathology/ MALE/ POSTURE/ TIME FACTORS

4694. **Khunadorn N, Schlagenhauff RE, Tourbaf K, et al:** Carpal tunnel syndrome in hemophilia. NY State J Med 77(8):1314–5, Jul 77
ADOLESCENCE/ *CARPAL TUNNEL SYNDROME, etiology/ CASE REPORT/ *HEMOPHILIA, complications/ HUMAN/ MALE

4695. **Khurgin IuI, Sherman FB, Tusukaliev U:** Izotermy gidratsii globuliarnykh belkov v dinamicheskom rezhime Biokhimiia 42(3):490–8, Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ CHEMISTRY/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ INSULIN/ KINETICS/ MURAMIDASE/ PEPSIN/ PROTEIN CONFORMATION/ *PROTEINS/ SERUM ALBUMIN, BOVINE/ SWINE/ TEMPERATURE/ WATER

4696. **Khurs EN, Severin ES, Dixon HB, et al:** Labilization of the phosphoester linkage in enzyme-inhibitor complexes of aspartate aminotransferase. Mol Biol (Mosk) 10(4):740–7, Jul–Aug 76
*APOENZYMES, antagonists & inhibitors/ *APOPROTEINS, antagonists & inhibitors/ *ASPARTATE AMINOTRANSFERASE, antagonists & inhibitors/ ASPARTATE AMINOTRANSFERASE, metabolism/ BINDING SITES/ CIRCULAR DICHROISM/ HYDROGEN-ION CONCENTRATION/ PHOSPHATES, metabolism/ PROTEIN CONFORMATION, drug effects/ PROTEIN DENATURATION/ *PYRIDOXAL PHOSPHATE, analogs & derivatives/ PYRIDOXAL PHOSPHATE, metabolism/ PYRIDOXAL PHOSPHATE, pharmacodynamics/ TRYPSIN/ UREA, pharmacodynamics

4697. **Khursin NE, Babeniuk IuD:** Ob analogichnom deĭstvii sinantrina i geparina na aktivnost' DNK-azy Vopr Med Khim 22(5):596–9, Sep–Oct 76 **(Rus)**
COMPARATIVE STUDY/ *DEOXYRIBONUCLEASE, antagonists & inhibitors/ *HEPARIN, analogs & derivatives/ *HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ TIME FACTORS

4698. **Khvatov VB, Platonova TK:** Biokhimicheskie obosnovaniia tselesoobraznosti ispol'zovaniia euglobulinovykh fraktsiĭ plazmy krovi vnezapno umershikh dlia polucheniia preparatov fibrinoliticheskogo deĭstviia Probl Gematol Pereliv Krovi 21(3):38–42, Mar 76 (Eng. Abstr.) **(Rus)**
ANTITHROMBINS, isolation & purification/ CADAVER/ DEATH, SUDDEN/ ENGLISH ABSTRACT/ FIBRINOLYSIN, isolation & purification/ *FIBRINOLYTIC AGENTS, isolation & purification/ HUMAN/ METHODS/ PLASMA, analysis/ PLASMINOGEN, isolation & purification/ *SERUM GLOBULINS, analysis

4699. **Khvatova EA:** Znachenie termicheskogo fraktsionirovaniia laktatdegidrogenazy i belkovogo sostava krovi v differentsial'noĭ diagnostike faz ostrogo pankreatita Vestn Khir 118(1):34–7, Jan 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ *BLOOD PROTEINS, analysis/ C-REACTIVE PROTEIN, analysis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *ENZYME TESTS/ FIBRINOGEN, analysis/ HEPATITIS, VIRAL, HUMAN, diagnosis/ HUMAN/ *LACTATE DEHYDROGENASE, blood/ LIVER CIRRHOSIS, diagnosis/ *PANCREATITIS, diagnosis

4700. **Kickler T, Bell WR:** False-negative test for fibrinogen--fibrin degradation products. Am J Clin Pathol 68(1):78–80, Jul 77
ADULT/ ANTIBODIES/ CASE REPORT/

*DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, immunology/ ERYTHROCYTES, immunology/ FALSE NEGATIVE REACTIONS/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4701. **Kieny R, Stemmer R:** Thrombose veineuse superficielle, signe révélateur de la maladie de Buerger Phlebologie 29(2):119–20, Apr–Jun 76 **(Fre)**
ADULT/ CASE REPORT/ HUMAN/ MALE/ METHODS/ *THROMBOANGIITIS OBLITERANS, complications/ THROMBOANGIITIS OBLITERANS, diagnosis/ *THROMBOPHLEBITIS, etiology

4702. **Kierulf P, Joö GB, Johansen AK:** Halvautomatisert plasmafibrinogenbestemmelse Tidsskr Nor Laegeforen 96(30):1603–5, 30 Oct 76 (Eng. Abstr.) **(Nor)**
AUTOANALYSIS, methods/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ HUMAN

4703. **Kieser J, Bridges P, Fatti LP, et al:** The effect of a proteolytic enzyem mixture (Orenzyme–Forte) on experimentally induced pulpitis. Oral Surg 43(2):300–5, Feb 77
ANIMAL/ CERCOPITHECUS/ *CHYMOTRYPSIN, therapeutic use/ DRUG COMBINATIONS/ MONKEYS/ *PULPITIS, drug therapy/ PULPITIS, pathology/ *RIBONUCLEASE, therapeutic use/ ROOT CANAL THERAPY/ *TRYPSIN, therapeutic use/ ZINC OXIDE–EUGENOL CEMENT

4704. **Kiesewetter E, Deimer E, Fischer M, et al:** [Tolerance tests of alpha–sympathomimetic agent, Gutron]
Wien Med Wochenschr (Suppl 37):3–8, 3 Dec 76 **(Ger)**
ADOLESCENCE/ *ADRENERGIC ALPHA RECEPTOR AGONISTS, pharmacodynamics/ ADULT/ AGED/ BLOOD COAGULATION, drug effects/ DRUG EVALUATION/ DRUG TOLERANCE/ *ETHANOLAMINES, pharmacodynamics/ FEMALE/ HEART RATE, drug effects/ HUMAN/ HYPOTENSION, drug therapy/ INTESTINE, LARGE, drug effects/ MALE/ MIDDLE AGE/ *MIDODRIN, pharmacodynamics/ MIDODRIN, therapeutic use/ MUSCLE TONUS, drug effects/ URINATION, drug effects/ VENTILATION–PERFUSION RATIO, drug effects

4705. **Kiesow LA, Shapiro S, Lindsley BF, et al:** Oxygen–induced consumptive coagulopathy and its enhancement by lead acetate. Thromb Haemostas 37(1):170–6, 28 Feb 77
ANIMAL/ CHICKENS/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ FACTOR VIII, analysis/ FACTOR VII, analysis/ FACTOR XII, analysis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *LEAD/ MALE/ *OXYGEN/ RATS/ RESPIRATION DISORDERS, blood

4706. **Kikkawa R, Araki N, Shigeta Y, et al:** Pancreatic pseudocyst in a patient with variant von Willebrand's disease. Gastroenterol Jpn 12(1):65–8, 1977
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *PANCREATIC CYST, complications/ PANCREATIC CYST, pathology/ PANCREATIC CYST, radiography/ *VON WILLEBRAND'S DISEASE, complications

4707. **Kikuchi T, Sakamato Y, Inazumi E, et al:** [Platelet counting method with Coulter thrombo counter (author's transl)]
Jpn J Clin Pathol 24(6):509–12, 1976 **(Jpn)**
BLOOD CELL COUNT, instrumentation/ *BLOOD CELL COUNT, methods/ *BLOOD PLATELETS/ HUMAN

4708. **Kilburn JO, Best GK:** Characterization of autolysins from Mycobacterium smegmatis. J Bacteriol 129(2):750–5, Feb 77
ALANINE, analysis/ *AMIDOHYDROLASES, metabolism/ *AMINOPEPTIDASES, metabolism/ CELL WALL, analysis/ CELL WALL, metabolism/ DIAMINOPIMELIC ACID, analysis/ GLUTAMATES, analysis/ HYDROGEN–ION CONCENTRATION/ MYCOBACTERIUM, analysis/ *MYCOBACTERIUM, enzymology/ MYCOBACTERIUM, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ SOLUBILITY

4709. **Kilby BJ:** A review of genetic studies with fluorescent Whitening agents using bacteria, fungi and mammals. Mutat Res 39(2):177–88, 1977
ALLELES/ ANIMAL/ CHROMOSOME ABERRATIONS/ COUMARINS, pharmacodynamics/ FEMALE/ *FLUORESCENT DYES, pharmacodynamics/ GENES, DOMINANT/ GENES, LETHAL/ HAMSTERS/ HISTIDINE, metabolism/ HUMAN/ MALE/ MICE/ MITOCHONDRIA/ *MUTAGENS/ MUTATION/ NAPHTHALENES, pharmacodynamics/ PYRAZOLES, pharmacodynamics/ RECOMBINATION, GENETIC/ SACCHAROMYCES CEREVISIAE, drug effects/ SALMONELLA, drug effects/ STILBENES, pharmacodynamics

4710. **Kilian J, Ahnefeld FW:** Absolute und relative Indikationen für die Anwendung kolloidaler Volumenersatzlösungen Klin Anaesthesiol Intensivther 9:88–91, 1975 **(Ger)**
ANAPHYLAXIS, chemically induced/ HEMORRHAGE, drug therapy/ HUMAN/ PLASMA SUBSTITUTES, adverse effects/ *PLASMA SUBSTITUTES, therapeutic use/ THROMBOSIS, prevention & control/ WOUNDS AND INJURIES, drug therapy

4711. **Killmann SA, Philip P, Baccarani M:** Rapid blastic transformation and early ectopic proliferation of hyperdiploid myeloblasts in chronic myeloid leukemia. Eur J Cancer 12(10):763–6, Oct 76
ADULT/ *BONE MARROW CELLS, pathology/ CASE REPORT/ CELL COUNT/ DIPLOIDY/ FEMUR, pathology/ HEMATOMA, pathology/ HUMAN/ KARYOTYPING/ LEUKEMIA, MYELOCYTIC, familial & genetic/ *LEUKEMIA, MYELOCYTIC, pathology/ LEUKOCYTE COUNT/ MALE/ TIME FACTORS

4712. **Killmann SA, Philip P, Baccarani M:** Rapid blastic transformation and early ectopic proliferation of hyperdiploid myeloblasts in chronic myeloid leukemia. Eur J Cancer 12(10):763–6, Oct 76
ADULT/ *BONE MARROW CELLS, pathology/ CASE REPORT/ CELL COUNT/ DIPLOIDY/ FEMUR, pathology/ HEMATOMA, pathology/ HUMAN/ KARYOTYPING/ LEUKEMIA, MYELOCYTIC, familial & genetic/ *LEUKEMIA, MYELOCYTIC, pathology/ LEUKOCYTE COUNT/ MALE/ TIME FACTORS

4713. **Killmann SA:** Preleukemia: does it exist?
Nouv Rev Fr Hematol Blood Cells 17(1–2):81–105, 1976
ANEUPLOIDY/ BLOOD GROUPS/ BLOOD PLATELETS/ CHROMOSOME ABERRATIONS/ DIAGNOSIS, DIFFERENTIAL/ ERYTHROCYTES, pathology/ HEMATOPOIETIC STEM CELLS, pathology/ HUMAN/ *LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOBLASTIC, diagnosis/ NEUTROPHILS, immunology/ PHAGOCYTOSIS/ *PRELEUKEMIA, blood/ PRELEUKEMIA, diagnosis

4714. **Kim HS, Suzuki M, Lie JT, et al:** Nonbacterial thrombotic endocarditis (NBTE) and disseminated intravascular coagulation (DIC): autopsy study of 36 patients. Arch Pathol Lab Med 101(2):65–8, Feb 77
ADULT/ AGED/ AUTOPSY/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, occurrence/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ *ENDOCARDITIS, complications/ FEMALE/ HEART VALVE DISEASES, complications/ HEART VALVE DISEASES, pathology/ HUMAN/ KIDNEY, pathology/ MALE/ MIDDLE AGE/ NEOPLASMS, complications/ THROMBOSIS, complications/ THROMBOSIS, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4715. **Kim S, Sano K:** [The role of platelets and erythrocytes in disturbance of cerebral microcirculation (author's transl)]
Neurol Med Chir (Tokyo) 17(2 pt. 2):135–44, Mar 77 (Eng.

Abstr.) (Jpn)
ANIMAL/ *BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ *CEREBRAL ISCHEMIA, TRANSIENT, blood/ DOGS/ ENGLISH ABSTRACT/ *ERYTHROCYTES, physiology/ ERYTHROCYTES, ultrastructure/ MICROCIRCULATION/ PLATELET AGGREGATION

4716. **Kim SW, Wisniewski S, Lee ES, et al:** Role of protein and fatty acid adsorption on platelet adhesion and aggregation at the blood-polymer interface. J Biomed Mater Res 11(1):23-31, Jan 77
ADSORPTION/ BLOOD PLATELETS, enzymology/ *BLOOD PROTEINS/ FIBRINOGEN/ GAMMA GLOBULINS/ *MEMBRANES, ARTIFICIAL/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ *POLYMERS/ SERUM ALBUMIN/ SIALYLTRANSFERASE, blood/ *STEARATES/ STEARATES, pharmacodynamics/ *STEARIC ACIDS/ STEARIC ACIDS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4717. **Kim Y, Miller K, Michael AF:** Breakdown products of C3 and factor B in hemolytic-uremic syndrome. J Lab Clin Med 89(4):845-50, Apr 77
ADOLESCENCE/ ADULT/ CAPILLARIES, analysis/ CAPILLARIES, immunology/ CHILD/ CHILD, PRESCHOOL/ *COMPLEMENT 3, metabolism/ COMPLEMENT 4/ *COMPLEMENT, metabolism/ FIBRIN, analysis/ *GLYCOPROTEINS, metabolism/ *HEMOLYTIC-UREMIC SYNDROME, blood/ HUMAN/ IGM, analysis/ INFANT/ KIDNEY GLOMERULUS, blood supply/ PROPERDIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4718. **Kim YC, Massari PU, Brown ML, et al:** Clinical significance of 99mtechnetium sulfur colloid accumulation in renal transplant patients. Radiology 124(3):745-8, Sep 77
ADOLESCENCE/ ADULT/ CADAVER/ COLLOIDS/ FEMALE/ *GRAFT REJECTION/ HUMAN/ KIDNEY TUBULAR NECROSIS, ACUTE, diagnosis/ *KIDNEY, transplantation/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, diagnosis/ *RADIONUCLIDE IMAGING/ RENAL ARTERY OBSTRUCTION, diagnosis/ SULFUR/ *TECHNETIUM, diagnostic use/ THROMBOSIS, diagnosis/ TRANSPLANTATION, HOMOLOGOUS

4719. **Kim Z:** Hageman complement and factor. Ann Allergy 38(3):211-4, Mar 77
BLOOD COAGULATION/ COMPLEMENT, metabolism/ *COMPLEMENT, physiology/ *FACTOR XII, physiology/ FIBRINOLYSIS/ HUMAN/ IGG, metabolism/ IGM, metabolism/ IMMUNITY/ KININS, metabolism/ PEPTIDE HYDROLASES, physiology/ PROPERDIN, physiology

4720. **Kim NKh:** Vliianie khloksina na soderzhanie al'dolazy, transaminaz i nekotorye pokazateli svertyvaniia krovi u bol'nykh opistorkhozom Ter Arkh 48(6):130-2, 1976 (Eng. Abstr.) (Rus)
ADULT/ *ALANINE AMINOTRANSFERASE, blood/ *ANTHELMINTICS, therapeutic use/ *ASPARTATE AMINOTRANSFERASE, blood/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ *FRUCTOSEDIPHOSPHATE ALDOLASE, blood/ HUMAN/ MALE/ MIDDLE AGE/ OPISTHORCHIASIS, blood/ OPISTHORCHIASIS, drug therapy/ *OPISTHORCHIASIS, enzymology/ *XYLENES, therapeutic use

4721. **Kimura H, Yamato S, Murachi T:** Different susceptibilities to intracellular proteases of hemoglobin and hemoglobin-haptoglobin complex. Physiol Chem Phys 8(2):101-6, 1976
ANIMAL/ *HAPTOGLOBINS/ *HEMOGLOBINS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIVER, enzymology/ LYSOSOMES, enzymology/ MICE/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN CONFORMATION/ RATS/ SPLEEN, enzymology

4722. **Kimura H:** Measurement of endotoxin. II. Comparison of reactivities measured by radioimmunoassay and with the Limulus test. Acta Med Okayama 30(4):257-70, Aug 76
ANIMAL/ *ARTHROPODS/ *BIOLOGICAL ASSAY/ CATTLE/ COMPARATIVE STUDY/ *ENDOTOXINS, blood/ *LIMULUS/ POLYNUCLEOTIDES, blood/ *RADIOIMMUNOASSAY/ THROMBIN, analysis/ THROMBOPLASTIN, analysis

4723. **Kimura H, Tateishi H, Ziff M:** Surface ultrastructure of rheumatoid articular cartilage. Arthritis Rheum 20(5):1085-94, Jun 77
ADULT/ ARTHRITIS, RHEUMATOID, enzymology/ *ARTHRITIS, RHEUMATOID, pathology/ *CARTILAGE, ARTICULAR, ultrastructure/ COLLAGEN/ FEMALE/ FIBRIN/ HUMAN/ MALE/ MIDDLE AGE/ SYNOVIAL FLUID, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4724. **Kinawi A, Baumgartl I:** Untersuchungen zur Interaktion von Chlordiazepoxid, Diazepam und Nitrazepam mit Phenprocoumon Arzneim Forsch 26(11):2019-23, 1976 (Ger)
ANIMAL/ BLOOD COAGULATION, drug effects/ *CHLORDIAZEPOXIDE, pharmacodynamics/ CHROMATOGRAPHY, HIGH SPEED LIQUID/ *DIAZEPAM, pharmacodynamics/ DRUG COMBINATIONS/ DRUG INTERACTIONS/ FEMALE/ MALE/ *NITRAZEPAM, pharmacodynamics/ PHENPROCOUMON, antagonists & inhibitors/ *PHENPROCOUMON, blood/ PROTHROMBIN TIME/ RATS/ *4-HYDROXYCOUMARINS, blood

4725. **Kinawi A:** Hochdruckliquid-chromatographische Bestimmung von Phenprocoumon Arzneim Forsch 27(2):360-3, Feb 77 (Eng. Abstr.) (Ger)
ACENOCOUMAROL, blood/ ANIMAL/ CHLORDIAZEPOXIDE, blood/ CHROMATOGRAPHY, HIGH SPEED LIQUID/ DIPHENYLHYDANTOIN, blood/ ENGLISH ABSTRACT/ FEMALE/ MALE/ METHODS/ NITRAZEPAM, blood/ PHENINDIONE, blood/ *PHENPROCOUMON, blood/ RATS/ TIME FACTORS/ *4-HYDROXYCOUMARINS, blood

4726. **Kinawi A, Baumgartl I:** Zur Interaktion von Phenprocoumon mit Cyclamat. J Clin Chem Clin Biochem 15(6):345-8, Jun 77 (Eng. Abstr.) (Ger)
ADMINISTRATION, ORAL/ ANIMAL/ *BLOOD COAGULATION, drug effects/ CYCLAMATES, administration & dosage/ *CYCLAMATES, pharmacodynamics/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FEMALE/ MALE/ PHENPROCOUMON, administration & dosage/ *PHENPROCOUMON, antagonists & inhibitors/ PHENPROCOUMON, blood/ RATS/ *4-HYDROXYCOUMARINS, antagonists & inhibitors

4727. **Kincheloe BW, Benitone JD, Marshall MR, et al:** Thrombophlebitis and pulmonary embolism with surgical intervention in the third trimester. South Med J 69(12):1615-8, Dec 76
ADULT/ CASE REPORT/ FEMALE/ HEPARIN, administration & dosage/ HUMAN/ LEG, blood supply/ OVARY, blood supply/ POSTOPERATIVE CARE/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, surgery/ PREGNANCY TRIMESTER, THIRD/ PREGNANCY/ *PULMONARY EMBOLISM, surgery/ *THROMBOPHLEBITIS, surgery/ VEINS, surgery/ VENA CAVA, INFERIOR, surgery

4728. **Kinlough-Rathbone RL, Packham MA, Mustard JF:** Comparison of methods of measuring loss of cytoplasmic constituents from platelets. Thromb Res 9(6):669-73, Dec 76
ADENINE NUCLEOTIDES/ ANIMAL/ *BLOOD PLATELETS, analysis/ COMPARATIVE STUDY/ *CYTOPLASM/ METHODS/ PLATELET AGGREGATION/ RABBITS

4729. **Kinlough-Rathbone RL, Mustard JF, Packham MA, et al:** Properties of washed human platelets.
Thromb Haemostas 37(2):291–308, 30 Apr 77
A-23187, pharmacodynamics/ ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PRESERVATION/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HUMAN/ PLANT AGGLUTININS, pharmacodynamics/ PLATELET AGGREGATION/ POLYLYSINE, pharmacodynamics/ RISTOCETIN, pharmacodynamics/ SEROTONIN, pharmacodynamics/ SERUM GLOBULINS, pharmacodynamics/ THROMBIN, pharmacodynamics

4730. **Kinnaert P, Vereerstraeten P, Toussaint C, et al:** Polykystose rénale traitée par hémodialyse itérative et transplantation rénale. Vingt-cinq cas Nouv Presse Med 6(35):2299–302, 23 Oct 76 (Eng. Abstr.) **(Fre)**
AGE FACTORS/ ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ GRAFT SURVIVAL/ *HEMODIALYSIS/ HUMAN/ KIDNEY, blood supply/ *KIDNEY, transplantation/ *KIDNEY, POLYCYSTIC, therapy/ KIDNEY, POLYCYSTIC, surgery/ MALE/ MIDDLE AGE/ NEPHRECTOMY, methods/ THROMBOSIS, etiology/ TRANSPLANTATION, HOMOLOGOUS

4731. **Kinney TR, Zimmerman RA, Butler RB, et al:** Computerized tomography in the management of intracranial bleeding in hemophilia. J Pediatr 91(1):31–5, Jul 77
ADOLESCENCE/ CASE REPORT/ *CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, therapy/ CHILD/ CHILD, PRESCHOOL/ DEXAMETHASONE, therapeutic use/ FACTOR IX, therapeutic use/ FACTOR VIII, therapeutic use/ *HEMOPHILIA, complications/ HUMAN/ INFANT/ MALE/ *TOMOGRAPHY, COMPUTERIZED AXIAL/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4732. **Kinnunen PK, Huttunen JK, Ehnholm C:** Properties of purified bovine milk lipoprotein lipase.
Biochim Biophys Acta 450(3):342–51, 20 Dec 76
AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ DEOXYCHOLIC ACID, pharmacodynamics/ FEMALE/ GALACTOSAMINE, analysis/ GLUCOSAMINE, analysis/ KINETICS/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, isolation & purification/ LIPOPROTEIN LIPASE, metabolism/ *MILK, enzymology

4733. **Kinnunen PK:** Purification of bovine milk lipoprotein lipase with the aid of detergent. Med Biol 55(3):187–91, Jun 77
ANIMAL/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ DETERGENTS/ *LIPOPROTEIN LIPASE, isolation & purification/ METHODS/ *MILK, enzymology/ PROTEIN BINDING/ TRITONS

4734. **Kinoshita S:** Properties of sea urchin chromatin as revealed by means of thermal denaturation. Exp Cell Res 102(1):153–61, 1 Oct 76
ANIMAL/ *CHROMATIN/ DNA/ *EMBRYO, NON-MAMMALIAN, analysis/ HEAT/ HEPARIN, pharmacodynamics/ NUCLEIC ACID DENATURATION/ PROTEIN DENATURATION, drug effects/ PROTEOGLYCANS, pharmacodynamics/ SEA URCHINS/ *SPERMATOZOA, analysis

4735. **Kinoshita T, Iinuma F, Atsumi K, et al:** A fluorometric assay of proteins on Kieselguhr plates using sodium hypochlorite and thiamine. Anal Biochem 77(2):471–7, Feb 77
CHROMATOGRAPHY, THIN LAYER, methods/ CHYMOTRYPSIN, analysis/ FLUOROMETRY/ KIESELGUHR/ MURAMIDASE, analysis/ OVALBUMIN, analysis/ *PROTEINS, analysis/ PROTEINS, isolation & purification/ SERUM ALBUMIN, BOVINE, analysis/ SODIUM HYPOCHLORITE/ THIAMINE

4736. **Kinzie JL:** Intestinale Eiweissassimilation und -verlust beim Menschen. Leber Magen Darm 7(3):160–8, Jun 77 (Eng. Abstr.) **(Ger)**
AMINO ACIDS, metabolism/ BIOLOGICAL TRANSPORT/ DIETARY PROTEINS, metabolism/ ENGLISH ABSTRACT/ ENZYME PRECURSORS/ HUMAN/ *INTESTINAL ABSORPTION/ INTESTINES, enzymology/ PANCREAS, enzymology/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES, metabolism/ PROTEIN-LOSING ENTEROPATHIES, diagnosis/ *PROTEIN-LOSING ENTEROPATHIES, metabolism/ PROTEIN-LOSING ENTEROPATHIES, physiopathology

4737. **Kiorpes TC, Molica SJ, Wolf G:** A plasma glycoprotein depressed in vitamin A deficiency in the rat: alpha 1-macroglobulin. J Nutr 106(11):1659–67, Nov 76
*ALPHA MACROGLOBULINS, metabolism/ ANIMAL/ COMPARATIVE STUDY/ GLUCOSAMINE, metabolism/ GLYCOPROTEINS, biosynthesis/ *GLYCOPROTEINS, blood/ MALE/ MANNOSE, metabolism/ MOLECULAR WEIGHT/ PROTEIN BINDING/ RATS/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *VITAMIN A DEFICIENCY, blood

4738. **Kiprenskiĭ IuV:** Sovremennoe sostoianie problemy autotransplantatsii legkogo i ego doleĭ v eksprimente i klinike (obzor literatury) Grudn Khir (2):104–8, Mar-Apr 76 (072 ref.) **(Rus)**
ANIMAL/ BRONCHI, surgery/ DOGS/ EVALUATION STUDIES/ FOLLOW-UP STUDIES/ HUMAN/ LUNG, blood supply/ LUNG, physiopathology/ LUNG, surgery/ *LUNG, transplantation/ POSTOPERATIVE COMPLICATIONS, etiology/ PULMONARY CIRCULATION/ REIMPLANTATION, methods/ REVIEW/ THROMBOSIS, etiology/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS/ WOUND HEALING

4739. **Kirchhoff H:** Komplikationen bei Schwangerschaftsunterbrechungen
Wien Med Wochenschr 126(49–50):696–9, 3 Dec 76 **(Ger)**
*ABORTION, INDUCED, adverse effects/ CERVIX UTERI, injuries/ FEMALE/ HUMAN/ INFANT, NEWBORN/ PERITONITIS, etiology/ PREGNANCY/ PREGNANCY, ECTOPIC, etiology/ THROMBOEMBOLISM, etiology/ TIME FACTORS/ UTERUS, injuries

4740. **Kirchner M, Hofmann A:** Zytogenetische Untersuchungen als Beitrag zur Diagnostik von Präleukämie und Leukämierezidiv im Kindesalter
Folia Haematol (Leipz) 103(6):831–43, 1976 (Eng. Abstr.) **(Ger)**
CHILD/ CHILD, PRESCHOOL/ CHROMOSOME ABERRATIONS/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ LEUKEMIA, MYELOCYTIC, diagnosis/ LYMPHOCYTES, cytology/ MITOSIS/ *PRELEUKEMIA, diagnosis/ RECURRENCE/ THROMBOPENIA, diagnosis

4741. **Kirchnhoff H:** Birgt die berechtigte Intensivierung der prospektiven Geburtsleitung zum Nutzen des Kindes für die Mutter eine erhöhte Gefahr? Früh- und Spätkomplikationen nach Kaiserschnittoperationen. Zur Erinnerung an den 225. Geburstag der Universitäts-Frauenklinik Göttingen
Geburtshilfe Frauenheilkd 37(2):103–9, Feb 77 **(Ger)**
ANTICOAGULANTS, therapeutic use/ *CESAREAN SECTION/ CESAREAN SECTION, adverse effects/ FEMALE/ FEVER, etiology/ HUMAN/ PREGNANCY/ PUERPERAL INFECTION, etiology/ SALPINGITIS, etiology/ STERILITY, FEMALE, etiology/ TIME FACTORS/ UTERINE HEMORRHAGE, etiology/ UTERINE RUPTURE, etiology

4742. **Kiriushchenkov AP, Bokarev IN, Makatsariia AD:** Znachenie vnurtisosudistogo svertyvaniia krovi v patogeneze nekotorykh oslozhneniĭ beremennosti.
Akush Ginekol (Mosk) (3):1–4, Mar 77 (42 ref.) **(Rus)**
ACUTE DISEASE/ ANIMAL/ *BLOOD COAGULATION/ BLOOD COAGULATION,

drug effects/ CHRONIC DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ECLAMPSIA, etiology/ ENDOTOXINS, pharmacodynamics/ FEMALE/ HEMOSTASIS, drug effects/ HUMAN/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, etiology/ PREGNANCY/ REVIEW/ SYNDROME

4743. **Kirk D, Parrington JM, Corney G, et al:** Anomalous cellular proliferation in vitro associated with Huntington's disease. Hum Genet 36(2):143–54, 15 Apr 77
CELL DIVISION/ CELLS, CULTURED/ CHROMOSOME ABERRATIONS/ FEMALE/ FIBROBLASTS, cytology/ HUMAN/ *HUNTINGTON CHOREA/ HUNTINGTON CHOREA, familial & genetic/ MALE/ MIDDLE AGE/ TRYPSIN

4744. **Kirk PJ, McLellan DS, Aronstam A:** Acquired circulating anticoagulant in a 4-year-old child. Br Med J 2(6047):1296, 27 Nov 76
*AUTOANTIBODIES/ *BLOOD COAGULATION DISORDERS, immunology/ *BLOOD COAGULATION FACTORS/ CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ IGG

4745. **Kirk RL, Keats B, Blake NM, et al:** Genes and people in the Caspian Littoral: a population genetic study in Northern Iran. Am J Phys Anthropol 46(3):377–90, May 77
ACID PHOSPHATASE, blood/ ALLELES/ *BLOOD GROUPS/ *BLOOD PROTEINS, analysis/ *ERYTHROCYTES, enzymology/ FEMALE/ *GENE FREQUENCY/ HUMAN/ IRAN/ MALE/ OXIDOREDUCTASES, blood/ PEPTIDE PEPTIDOHYDROLASES, blood/ PHENOTYPE/ RACIAL STOCKS/ TRANSFERASES, blood

4746. **Kirsch W, Büttner M, Wenzel E:** Diagnostische und therapeutische Probleme der Verbrauchskoagulopathie bei Schock, Sepsis und neonataler Hypoxie. Monatsschr Kinderheilkd 125(6):621–7, Jun 77 (32 ref.) (Eng. Abstr.) **(Ger)**
*ASPHYXIA NEONATORUM, complications/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CHILD/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ EXCHANGE TRANSFUSION/ FEMALE/ FIBRINOLYSIS/ HEPARIN, administration & dosage/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ NORMAL VALUES/ REVIEW/ *SEPTICEMIA, complications/ *SHOCK, complications/ STREPTOKINASE, therapeutic use/ UROKINASE, therapeutic use

4747. **Kishore PR, Dahlie JG, Bartlett JE, et al:** Computerized tomography: management of acute head trauma. J Kans Med Soc 78(3):105–8, Mar 77
BRAIN DISEASES, radiography/ *HEAD INJURIES, radiography/ HEMATOMA, radiography/ HUMAN/ *TOMOGRAPHY, COMPUTERIZED AXIAL

4748. **Kishore V, Parmar SS, Kumar S, et al:** Anti-inflammatory and antiproteolytic properties of substituted guanidines. Pharmacology 15(2):97–103, 1977
ANIMAL/ *ANTI-INFLAMMATORY AGENTS/ CHEMISTRY/ DRUG SCREENING/ *EDEMA, drug therapy/ GUANIDINES, chemical synthesis/ *GUANIDINES, pharmacodynamics/ GUANIDINES, therapeutic use/ LETHAL DOSE 50/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ THIOUREA

4749. **Kishore V, Narain NK, Kumar S, et al:** Relationship between antiinflamatory and antiproteolytic properties of substituted oxothiazolylacetic acids. Pharmacol Res Commun 8(1):43–51, Feb 76
ANIMAL/ *ANTI-INFLAMMATORY AGENTS/ COMPARATIVE STUDY/ HYDROCORTISONE, pharmacodynamics/ HYDROLYSIS/ OXYPHENBUTAZONE, pharmacodynamics/ RATS/ SERUM ALBUMIN, BOVINE, metabolism/ *THIAZOLES, pharmacodynamics/ *TRYPSIN INHIBITORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4750. **Kisiel W, Hermodson MA, Davie EW:** Factor X activating enzyme from Russell's viper venom: isolation and characterization. Biochemistry 15(22):4901–6, 2 Nov 76
ACETYLGALACTOSAMINE, analysis/ AMINO ACIDS, analysis/ ANIMAL/ C-REACTIVE PROTEIN, metabolism/ ENZYME ACTIVATION/ FACTOR IX, metabolism/ *FACTOR X, metabolism/ HEXOSES, analysis/ HUMAN/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SIALIC ACIDS, analysis/ *SNAKE VENOMS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4751. **Kisiel W, Ericsson LH, Davie EW:** Proteolytic activation of protein C from bovine plasma. Biochemistry 15(22):4893–900, 2 Nov 76
ACETYLGLUCOSAMINE, analysis/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BLOOD PROTEIN ELECTROPHORESIS/ *C-REACTIVE PROTEIN/ C-REACTIVE PROTEIN, metabolism/ CATTLE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLYCOPROTEINS, blood/ HEXOSES, analysis/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, blood/ SIALIC ACIDS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4752. **Kisker CT, Plummer G, Taylor B, et al:** A method for measurement of fibrin monomer with the use of an immune precipitate of fibrinogen. J Lab Clin Med 89(3):653–8, Mar 77
ADOLESCENCE/ ANTIGENS, analysis/ CASE REPORT/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *FIBRIN, analysis/ *FIBRINOGEN/ FIBRINOGEN, immunology/ HUMAN/ MALE/ METHODS/ PRECIPITATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4753. **Kisloff B, Schaffer G:** Fulminant hepatic failure secondary to congestive heart failure. Am J Dig Dis 21(10):895–900, Oct 76
AGED/ CASE REPORT/ FEMALE/ *HEART FAILURE, CONGESTIVE, complications/ HEART FAILURE, CONGESTIVE, drug therapy/ HEPARIN, adverse effects/ HEPATIC COMA, drug therapy/ *HEPATIC COMA, etiology/ HEPATIC COMA, pathology/ HUMAN/ LIVER FUNCTION TESTS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4754. **Kiss J:** Chemical structure of heparin. pp. 3–20. In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
*HEPARIN/ HEPARIN, analysis/ HEPARIN, isolation & purification/ MOLECULAR CONFORMATION/ MONOGRAPH/ OLIGOSACCHARIDES, analysis/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP

4755. **Kissel P, André JM, Régent D:** Hémangiome tumoral du médiastin au cours d'une maladie de Rendu-Osler. Evolution pendant 17 ans Sem Hop Paris 52(38):2159–60, 9 Nov 76 **(Fre)**
CASE REPORT/ FEMALE/ FOLLOW-UP STUDIES/ *HEMANGIOMA, complications/ HEMANGIOMA, radiography/ HUMAN/ *MEDIASTINAL NEOPLASMS, complications/ MEDIASTINAL NEOPLASMS, radiography/ MIDDLE AGE/ *TELANGIECTASIA, HEREDITARY HEMORRHAGIC, complications/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, radiography

4756. **Kissin MW:** Mediastinal cavernous haemangioma.
Br J Dis Chest 71(3):208–10, Jul 77
ADOLESCENCE/ ADULT/ CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ *MEDIASTINAL NEOPLASMS, diagnosis

4757. **Kisumi M, Sugiura M, Chibata I:** Biosynthesis of norvaline, norleucine, and homoisoleucine in Serratia marcescens.
J Biochem (Tokyo) 80(2):333–9, Aug 76
*AMINOCAPROIC ACIDS, biosynthesis/ CELL DIVISION/ FEEDBACK/ *ISOLEUCINE, analogs & derivatives/ ISOLEUCINE, biosynthesis/ KINETICS/ MUTATION/ *NORLEUCINE, biosynthesis/ *SERRATIA MARCESCENS, metabolism/ SPECIES SPECIFICITY/ *VALINE/ VALINE, biosynthesis/ 2-ISOPROPYLMALATE SYNTHASE, metabolism

4758. **Kitamura M:** Binding of botulinum neurotoxin to the synaptosome fraction of rat brain.
Naunyn Schmiedebergs Arch Pharmacol 295(2):171–5, Nov 76
ANIMAL/ *BOTULINUM TOXIN, metabolism/ *BRAIN, metabolism/ BRAIN, ultrastructure/ DETERGENTS/ NEURAMINIDASE/ RATS/ SYNAPTIC RECEPTORS/ *SYNAPTOSOMES, metabolism/ TRYPSIN

4759. **Kitao T, Hattori K, Takeshita M:** Species difference in the effects of proteolytic enzymes on red cell membrane.
Experientia 33(5):675–7, 15 May 77
ANIMAL/ CELL MEMBRANE PERMEABILITY/ CHYMOTRYPSIN/ COMPARATIVE STUDY/ ELECTROPHORESIS, DISC/ ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTE MEMBRANE, ultrastructure/ *ERYTHROCYTES, ultrastructure/ GLYCOPROTEINS, blood/ KINETICS/ MEMBRANE PROTEINS, blood/ MICE/ PRONASE/ RABBITS/ RATS/ SHEEP/ SPECIES SPECIFICITY/ SULFATES, blood

4760. **Kittler L:** Zum molekularen Mechanismus der photochemischen Bindung von Furokumarinen an Nukleinsäuren Z Gesamte Inn Med 31(22):920–3, 15 Nov 76 (34 ref.) (Eng. Abstr.) **(Ger)**
ANIMAL/ BINDING SITES/ *COUMARINS, metabolism/ COUMARINS, pharmacodynamics/ DNA REPAIR/ *DNA, metabolism/ DNA, SINGLE STRANDED, metabolism/ ENGLISH ABSTRACT/ ERYTHEMA, chemically induced/ HUMAN/ MUTAGENS/ NUCLEIC ACID CONFORMATION/ PHOTOCHEMISTRY/ REVIEW/ *RNA, metabolism

4761. **Kittlick PD, Hadházy C, Oláh EH:** Studies on cartilage formation. XVIII. Changes of the composition of glycosaminoglycans in the regenerating articular surface.
Acta Biol Acad Sci Hung 26(3–4):165–74, 1975
CARTILAGE, ARTICULAR, analysis/ *CARTILAGE, ARTICULAR, physiology/ CHONDROITIN SULFATES, analysis/ DOGS/ FEMUR/ GLYCOSAMINOGLYCANS, analysis/ GRANULATION TISSUE, analysis/ HEPARIN, analysis/ HEPARITIN SULFATE, analysis/ HUMAN/ HYALURONIC ACID, analysis/ KERATAN SULFATE, analysis/ *REGENERATION

4762. **Kjellén L, Oldberg A, Rubin K, et al:** Binding of heparin and heparan sulphate to rat liver cells.
Biochem Biophys Res Commun 74(1):126–33, 10 Jan 77
ANIMAL/ BINDING SITES/ BINDING, COMPETITIVE/ *HEPARIN, metabolism/ *HEPARITIN SULFATE, metabolism/ IN VITRO/ KINETICS/ LIGANDS/ *LIVER, metabolism/ *MUCOPOLYSACCHARIDES, metabolism/ RATS

4763. **Klagsburn M, Langer R, Levenson R, et al:** The stimulation of DNA synthesis and cell division in chondrocytes and 3T3 cells by a growth factor isolated from cartilage.
Exp Cell Res 105(1):99–108, 1 Mar 77
CARTILAGE, analysis/ *CARTILAGE, cytology/ CATTLE/ *CELL DIVISION, drug effects/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG INTERACTIONS/ *DNA, biosynthesis/ GROWTH SUBSTANCES, isolation & purification/ *GROWTH SUBSTANCES, pharmacodynamics/ MERCAPTOETHANOL, pharmacodynamics/ MICE/ MICE, INBRED BALB C/ MOLECULAR WEIGHT/ STIMULATION, CHEMICAL/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4764. **Klaue P:** Rezidivierende Lungenembolien: Zur Prophylaxe durch Unterbrechung der Vena cava mit einem Mobin-Uddin-Schirmfilter. Schwest Rev 15(7):12–3, 15 Jul 77 **(Ger)**
FILTRATION, instrumentation/ FILTRATION, methods/ HUMAN/ *PULMONARY EMBOLISM, prevention & control/ *VENA CAVA, INFERIOR

4765. **Kleckner HB, Giles HR, Corrigan JJ Jr:** The association of maternal and neonatal thrombocytopenia in high-risk pregnancies. Am J Obstet Gynecol 128(3):235–8, 1 Jun 77
ARIZONA/ BLOOD PLATELET DISORDERS, etiology/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ PRE-ECLAMPSIA, complications/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY/ RETROSPECTIVE STUDIES/ *THROMBOPENIA, etiology

4766. **Klein HG, Aledort LM, Bouma BN, et al:** A co-operative study for the detection of the carrier state of classic hemophilia. N Engl J Med 296(17):959–62, 28 Apr 77
*ANTIGENS, analysis/ COMPARATIVE STUDY/ *FACTOR VIII, analysis/ FACTOR VIII, immunology/ FEMALE/ *HEMOPHILIA, diagnosis/ HEMOPHILIA, familial & genetic/ HUMAN/ METHODS/ PROBABILITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4767. **Klein KG, Parkin JD, Madaras F:** Studies on an acquired inhibition of factor VIII induced by penicillin allergy.
Clin Exp Immunol 26(1):155–61, Oct 76
ANTI-ANTIBODIES/ ANTIBODIES/ CASE REPORT/ CEPHALOTHIN, pharmacodynamics/ CHROMATOGRAPHY, AFFINITY/ *DRUG HYPERSENSITIVITY/ *FACTOR VIII, antagonists & inhibitors/ GENTAMICIN, pharmacodynamics/ HUMAN/ IGG/ IMMUNOGLOBULINS, KAPPA CHAIN/ MALE/ MIDDLE AGE/ NEUTRALIZATION TESTS/ PENICILLIN G, immunology/ *PENICILLINS, adverse effects

4768. **Klein M, Kells DI, Tinker DO, et al:** Thermodynamic and conformational studies on an immunoglobulin light chain which reversibly precipitates at low temperatures.
Biochemistry 16(3):552–60, 8 Feb 77
HUMAN/ HYDROGEN-ION CONCENTRATION/ *IMMUNOGLOBULINS, LAMBDA CHAIN/ *IMMUNOGLOBULINS, LIGHT CHAIN/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ MULTIPLE MYELOMA, immunology/ OSMOLAR CONCENTRATION/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE/ THERMODYNAMICS/ TRYPSIN

4769. **Klein TW, Kaplan GW:** Klippel-Trenaunay syndrome associated with urinary tract hemangiomas. J Urol 114(4):596–600, Oct 75
ADOLESCENCE/ *ANGIOMATOSIS, complications/ *BLADDER NEOPLASMS, complications/ CASE REPORT/ CHILD, PRESCHOOL/ GENITAL DISEASES, MALE, complications/ *HEMANGIOMA, complications/ HUMAN/ *KLIPPEL-TRENAUNAY DISEASE, complications/ MALE/ PENILE NEOPLASMS, complications/ SCROTUM/ *URETERAL NEOPLASMS, complications

4770. **Kleinberger G, Kotzaurek R, Lechner K, et al:** Gerinnungsstörungen beim akuten Leberversagen und ihre Substitution. Acta Med Austriaca® [Suppl] (3):216–7, 1976 **(Ger)**
BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION DISORDERS, therapy/ BLOOD TRANSFUSION/ FIBRINOGEN, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *LIVER DISEASES, complications/ LIVER, transplantation

4771. **Kleine R, Spangenberg P, Flemming C:** Herstellung und einige Eigenschaften von immobilisiertem Trypsin des Flusskrebses Cambarus affinis Say
Hoppe Seylers Z Physiol Chem 357(5):629-39, May 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ BINDING SITES/ CASEIN, metabolism/ CRAYFISH/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LACTATE DEHYDROGENASE, metabolism/ PROTAMINES, metabolism/ PROTEIN BINDING/ TEMPERATURE/ *TRYPSIN/ TRYPSIN, isolation & purification/ TRYPSIN, metabolism

4772. **Kleiner GJ, Greston WM:** Current concepts of defibrination in the pregnant woman. J Reprod Med 17(6):309-17, Dec 76
ABORTION, INDUCED/ ABORTION, SEPTIC, etiology/ ABRUPTIO PLACENTAE, physiopathology/ ABRUPTIO PLACENTAE, therapy/ *BLOOD COAGULATION DISORDERS, etiology/ EMBOLISM, AMNIOTIC FLUID, etiology/ FACTOR VIII, analysis/ FEMALE/ FETAL DEATH, physiopathology/ FETAL DEATH, therapy/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, etiology/ PREGNANCY

4773. **Kleinhans D, Knoth W:** Immunhistochemischer Fibrin-Nachweis beim Granuloma anulare.
Arch Dermatol Res 258(3):231-4, 27 May 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *FIBRIN, metabolism/ FIBRINOLYSIS/ FLUORESCENT ANTIBODY TECHNIC/ *GRANULOMA, metabolism/ GRANULOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE

4774. **Kleinig H, Reichenbach H:** Carotenoid glucosides and menaquinones from the gliding bacterium Herpetosiphon giganteus Hp a2. Arch Microbiol 112(3):307-10, 1 Apr 77
*CAROTENOIDS, analysis/ *CYTOPHAGALES, analysis/ CYTOPHAGALES, classification/ *GLUCOSIDES, analysis/ *GLYCOSIDES, analysis/ PIGMENTS, analysis/ SPECTRUM ANALYSIS/ *VITAMIN K, analysis

4775. **Kleking GP, Markvardt F, Rikhter M:** Podavlenie aktivnosti chelovecheskoĭ syvorotochnoĭ kholinesterazy aminoalkilbenzol-sul'foftoridami Farmakol Toksikol 39(3):265-8, May-Jun 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BENZENESULFONATES, pharmacodynamics/ CATTLE/ *CHOLINESTERASE INHIBITORS, pharmacodynamics/ COMPARATIVE STUDY/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ FLUORIDES, pharmacodynamics/ HUMAN/ IN VITRO/ ISOFLUROPHATE, pharmacodynamics/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ TRYPSIN, pharmacodynamics

4776. **Kleking GP, Meerbakh B:** Vliianie 4-amidinofenilpirovinogradnoĭ kisloty na generalizovannyĭ fenomen Sanarelli-Shvarttsmana.
Farmakol Toksikol 39(5):609-12, Sep-Oct 76 (Eng. Abstr.) **(Rus)**
ADRENAL GLANDS, blood supply/ AMIDINES, pharmacodynamics/ AMIDINES, therapeutic use/ ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ *ANTICOAGULANTS, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ENGLISH ABSTRACT/ FIBRINOGEN, antagonists & inhibitors/ KIDNEY, blood supply/ LIVER, blood supply/ PHENYLPYRUVIC ACIDS, pharmacodynamics/ *PHENYLPYRUVIC ACIDS, therapeutic use/ RABBITS/ SHWARTZMAN PHENOMENON, blood/ *SHWARTZMAN PHENOMENON, drug therapy/ THROMBIN, antagonists & inhibitors/ THROMBOSIS, blood/ THROMBOSIS, drug therapy

4777. **Kleking GR, Viurbakh G:** Antifibrinoliticheskie i antimikoticheskie svoĭstva 2-tiontetragidro-1,3,5-tiadiazina. Farmakol Toksikol 39(4):432-6, Jun-Aug 76 (Eng. Abstr.) **(Rus)**
P-AMINOBENZOIC ACID, pharmacodynamics/ ANIMAL/ *ANTIFIBRINOLYTIC AGENTS/ *ANTIFUNGAL AGENTS/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ IN VITRO/ RABBITS/ *THIADIAZINES, pharmacodynamics/ *THIAZINES, pharmacodynamics/ TRICHOPHYTON, drug effects/ 6-AMINOCAPROIC ACID, pharmacodynamics

4778. **Klement AA, Khanina TM, Kotovshchikova MA, et al:** O roli preparatov dezagregiruiushchego deĭstviia v preduprezhdenii trombozov pri rekonstruktivnykh operatsiiakh na venakh konechnostei Vestn Khir 117(9):9-13, Sep 76 (Eng. Abstr.) **(Rus)**
ASPIRIN, pharmacodynamics/ *ASPIRIN, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ LEG, blood supply/ *PLATELET AGGREGATION, drug effects/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control/ VARICOSE VEINS, surgery/ VENOUS INSUFFICIENCY, surgery

4779. **Klemm J:** The treatment of arterial and venous circulatory disturbances with EPL. pp. 237-43.
In: Peeters H, ed. Phosphatidylcholine. Berlin, Springer, 1976. QU 93 P575 1975.
ARTERIAL OCCLUSIVE DISEASES, blood/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ATHEROSCLEROSIS, blood/ ATHEROSCLEROSIS, drug therapy/ BLOOD VISCOSITY/ *FATTY ACIDS, ESSENTIAL, therapeutic use/ HUMAN/ MONOGRAPH/ MUSCLES, blood supply/ *PHOSPHATIDYLCHOLINES, therapeutic use/ REGIONAL BLOOD FLOW/ VENOUS INSUFFICIENCY, blood/ *VENOUS INSUFFICIENCY, drug therapy/ XENON, diagnostic use

4780. **Klener P, Donner L, Ort J:** Možnosti léčby pokročilých zhoubných lymfomu při ztrátě citlivosti na běžné kombinace cytostatik Vnitr Lek 22(8):760-6, Aug 76 (Eng. Abstr.) **(Cze)**
*ANTINEOPLASTIC AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, therapeutic use/ *BLEOMYCIN, therapeutic use/ CHEMISTRY/ DRUG RESISTANCE/ DRUG THERAPY, COMBINATION, adverse effects/ ENGLISH ABSTRACT/ HUMAN/ *LYMPHOMA, drug therapy/ THROMBOPENIA, chemically induced/ TIME FACTORS

4781. **Klener P, Kubisz P:** Relase of retraction stimulating factor (RSF) during platelet dependent retraction of reptilase clots. Acta Univ Carol [Med] (Praha) 22(1-2):3-8, 1976
*BLOOD COAGULATION FACTORS, physiology/ *CLOT RETRACTION/ HUMAN/ *PEPTIDE HYDROLASES, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ *REPTILASE, pharmacodynamics

4782. **Klener P, Kubisz P, Suranová J:** Influence of cytotoxic drugs on platelet functions and coagulation in vitro. IV. Melphalan. Thromb Haemostas 37(1):53-61, 28 Feb 77
ACID PHOSPHATASE, blood/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ COLLAGEN, pharmacodynamics/ DRUG ANTAGONISM/ EPINEPHRINE, pharmacodynamics/ FIBRINOLYSIS, drug effects/ HUMAN/ IN VITRO/ LACTATE DEHYDROGENASE, blood/ *MELPHALAN, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3/ PLATELET FACTOR 4

4783. **Klenerman L, Chakrabarti R, Mackie I, et al:** Changes in haemostatic system after application of a tourniquet. Lancet 1(8019):970-2, 7 May 77
ADULT/ ARM, blood supply/ FEMALE/ *FIBRINOLYSIS/ HEMOSTASIS, SURGICAL/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS,

prevention & control/ *TOURNIQUETS/ *VARICOSE VEINS, surgery

4784. **Klenk HD, Rott R, Orlich M:** Further studies on the activation of influenza virus by proteolytic cleavage of the haemagglutinin. J Gen Virol 36(1):151–61, Jul 77
CHICK EMBRYO/ COMPARATIVE STUDY/ *GLYCOPROTEINS, metabolism/ *HEMAGGLUTININS, VIRAL/ MUCOPOLYSACCHARIDES, metabolism/ *ORTHOMYXOVIRUS TYPE A, AVIAN, growth & development/ ORTHOMYXOVIRUS TYPE A, AVIAN, metabolism/ *ORTHOMYXOVIRUSES TYPE A, growth & development/ ORTHOMYXOVIRUSES TYPE A, metabolism/ PEPTIDE HYDROLASES, metabolism/ TISSUE CULTURE/ TRYPSIN, metabolism/ *VIRAL PROTEINS, metabolism/ VIRUS REPLICATION

4785. **Klepzig H:** Rationelle Therapie der Herz- und Kreislaufkrankheiten Med Klin 71(38):1569–71, 17 Sep 76 **(Ger)**
ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ CARDIAC GLYCOSIDES, therapeutic use/ *CARDIOVASCULAR DISEASES, drug therapy/ DIURETICS, therapeutic use/ HUMAN/ VASODILATOR AGENTS, therapeutic use

4786. **Klësov AA, Bélli BL, Berezin IV:** Spetsifichnost' fermentativnogo kataliza: al'fa-khimotripsin i karboksipeptidaza A. Rol' metalla aktivnogo tsentra fermenta i gidrofobnosti substrata v spetsifichnosti sviazyvaniia i kataliza. Dokl Akad Nauk SSSR 234(4):964–7, 1977 **(Rus)**
AMINO ACIDS/ *CARBOXYPEPTIDASES/ CATALYSIS/ *CHYMOTRYPSIN/ HYDROLYSIS/ PEPTIDES/ PROTEIN BINDING/ ZINC

4787. **Klibanov A, Samokhin GP, Martinek K, et al:** A new approach to preparative enzymatic synthesis. Biotechnol Bioeng 19(9):1351–61, Sep 77
*CHYMOTRYPSIN/ *ENZYMES/ *ENZYMES, IMMOBILIZED/ KINETICS/ METHODS/ SOLVENTS

4788. **Klibanov AM, Samokhin GP, Martinek K, et al:** A new mechanochemical method of enzyme immobilization. Biotechnol Bioeng 19(2):211–8, Feb 77
CHYMOTRYPSIN, metabolism/ *ENZYMES, IMMOBILIZED/ MOLECULAR WEIGHT/ *NYLON/ STRESS, MECHANICAL/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN INHIBITORS, metabolism/ TRYPSIN, metabolism

4789. **Kligerman MM, Tishcheno LM:** Funktsional'nyĭ satn koahuliatsiĭnoĭ i antykoahuliatsiĭnoĭ system krovi u zhinok iz abortom, shcho ne vidbuvsia, abo rodamy Pediatr Akush Ginekol (4):37–9, Jul-Aug 76 **(Ukr)**
*ABORTION, MISSED, blood/ ADULT/ *BLOOD COAGULATION/ CASE REPORT/ FEMALE/ HEMOSTASIS/ HUMAN/ *LABOR COMPLICATIONS, blood/ PREGNANCY TRIMESTER, FIRST/ PREGNANCY TRIMESTER, SECOND/ PREGNANCY

4790. **Klimanskiĭ VA, Agranenko VA, Isakovich VS, et al:** Autogemotransfuziia v khirurgii (obzor literatury). Probl Gematol Pereliv Krovi 22(5):54–8, May 77 (70 ref.) **(Rus)**
BLOOD CELL COUNT/ BLOOD PRESERVATION, methods/ *BLOOD TRANSFUSION, AUTOLOGOUS, methods/ BLOOD VOLUME/ BLOODLETTING/ EVALUATION STUDIES/ HEMATOCRIT/ HUMAN/ REVIEW/ *SURGERY, OPERATIVE

4791. **Klimek K, Mroziński S, Kośmider K, et al:** Równowaga kwasowo-zasadowa i wartość ciśnienia parcjalnego tlenu we krwi tętniczej u psa w doświadczalnym tłuszczowym zatorze tętnicy płucnej. Pol Przegl Chir 49(5):505–14, May 77 (Eng. Abstr.) **(Pol)**
*ACID-BASE EQUILIBRIUM/ ANIMAL/ DOGS/ EMBOLISM, FAT, metabolism/ *EMBOLISM, FAT, physiopathology/ ENGLISH ABSTRACT/ *OXYGEN, blood/ PARTIAL PRESSURE/ PULMONARY EMBOLISM, metabolism/ *PULMONARY EMBOLISM, physiopathology

4792. **Klimkiewicz E, Weyde W, Moszczynski L, et al:** Rzadki przypadek olbrzymiego krwiaka mięśnia prostego brzucha u chorej z mocznicą Wiad Lek 29(21):1917–9, 1 Nov 76 (Eng. Abstr.) **(Pol)**
*ABDOMINAL WALL/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, complications/ HUMAN/ *KIDNEY FAILURE, CHRONIC, complications/ MIDDLE AGE

4793. **Kline DL, Reddy KN:** Proactivator and activator levels of plasminogen in plasma as measured by caseinolysis. J Lab Clin Med 89(5):1153–8, May 77
CASEIN, metabolism/ CHROMATOGRAPHY, AFFINITY/ FEMALE/ FIBRINOLYSIN, metabolism/ HUMAN/ KAOLIN/ MALE/ METHODS/ *PLASMINOGEN ACTIVATORS, blood/ PLASMINOGEN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4794. **Klingemann HG, Brunswig D, Liehr H:** Fibrinstruktur bei Hepatitis und Leberzirrhose. Verh Dtsch Ges Inn Med 82 Pt 2:1649–52, 1976 **(Ger)**
BLOOD PROTEIN ELECTROPHORESIS/ *FIBRIN, analysis/ *HEPATITIS, blood/ HUMAN/ *LIVER CIRRHOSIS, blood/ PLATELET AGGREGATION

4795. **Klingensmith WC 3d, Danish EH, Dover GJ, et al:** Delineation of peripheral bone infarcts in a child with a rare hemoglobinopathy (SOArab) and purpura fulminans: case report. J Nucl Med 17(12):1062–4, Dec 76
*BONE AND BONES, blood supply/ CASE REPORT/ CHILD, PRESCHOOL/ DIPHOSPHONATES, diagnostic use/ *HEMOGLOBINOPATHIES, complications/ HEMOGLOBINS, ABNORMAL/ HUMAN/ *INFARCTION, diagnosis/ INFARCTION, etiology/ MALE/ *PURPURA, complications/ PYROPHOSPHATES, diagnostic use/ *RADIONUCLIDE IMAGING/ TECHNETIUM, diagnostic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4796. **Klip A, Darszon A, Montal M:** Labelling of rhodopsin moieties confined to the membrane lipid bilayer. Biochem Biophys Res Commun 72(4):1350–8, 18 Oct 76
ANIMAL/ AZIDES/ CARBOHYDRATES, analysis/ CATTLE/ CHYMOTRYPSIN/ DYES/ *MEMBRANE LIPIDS/ MEMBRANE LIPIDS, metabolism/ MOLECULAR WEIGHT/ NAPHTHALENES/ PEPTIDE FRAGMENTS, analysis/ *RETINAL PIGMENTS/ RETINAL PIGMENTS, metabolism/ *RHODOPSIN/ RHODOPSIN, metabolism/ *RODS AND CONES, metabolism/ TRITONS

4797. **Kliueva SK:** O geneticheskoĭ geterogennosti ishemicheskoĭ (koronarnoĭ) bolezni serdtsa. Kardiologiia 17(6):96–102, Jun 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION/ BLOOD PROTEINS, analysis/ CORONARY DISEASE, blood/ CORONARY DISEASE, etiology/ *CORONARY DISEASE, familial & genetic/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERLIPEMIA, familial & genetic/ LIPIDS, blood/ MALE/ MIDDLE AGE/ PARAPROTEINEMIAS, familial & genetic/ PEDIGREE

4798. **Klöcking HP:** Zur Pharmakologie des Streptokinasepräparates Awelysin Folia Haematol (Leipz) 103(3):445–55, 1976 **(Ger)**
ANIMAL/ BLOOD COAGULATION TESTS/ *FIBRINOLYSIS, drug effects/ MICE/ RATS/ *STREPTOKINASE, pharmacodynamics/ STREPTOKINASE, toxicity/ STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy

4799. **Klöcking HP, Bock G, Drawert J, et al:** Uber die Freisetzung von Plasminogenaktivatoren Folia Haematol (Leipz) 103(3):404–24, 1976 **(Ger)**
ANIMAL/ EPINEPHRINE, pharmacodynamics/ FIBRINOLYSIS, drug effects/ ISOPROTERENOL, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ PEPTIDES, pharmacodynamics/ PLASMINOGEN ACTIVATORS, antagonists & inhibitors/ PLASMINOGEN ACTIVATORS, analysis/

*PLASMINOGEN ACTIVATORS, metabolism/ PROPRANOLOL, pharmacodynamics/ SWINE

4800. **Kloczewiak M, Wegrzynowicz Z, Matthias FR, et al:** Studies on chemically modified fibrinogen. Thromb Haemostas 35(2):324–33, 30 Apr 76
ANHYDRIDES/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION/ CALCIUM, pharmacodynamics/ CATTLE/ DRUG STABILITY/ ELECTROPHORESIS, DISC/ *FIBRINOGEN/ FIBRINOGEN, physiology/ HEAT/ HYDROLYSIS/ ULTRACENTRIFUGATION

4801. **Kloczewiak M, Wegrzynowicz Z, Matthias FR, et al:** Studies on chemically modified fibrinogen. II. Physicochemical properties of maleylated fibrinogen. Thromb Res 9(4):359–68, Oct 76
AMINO ACID SEQUENCE/ ANIMAL/ CATTLE/ CIRCULAR DICHROISM/ ELECTROPHORESIS, DISC/ *FIBRINOGEN, analogs & derivatives/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ HYDROLYSIS/ *MALEATES/ PROTEIN CONFORMATION/ SPECTROMETRY, FLUORESCENCE/ ULTRACENTRIFUGATION

4802. **Klose G, De Grella R, Greten H:** A comparative study of human tissue and post-heparin plasma triglyceride lipases. Atherosclerosis 25(2–3):175–82, Nov–Dec 76
*ADIPOSE TISSUE, enzymology/ ANTIBODIES/ GLOBULINS, immunology/ *HEPARIN/ HUMAN/ LIPASE, antagonists & inhibitors/ *LIPASE, analysis/ LIPASE, blood/ LIPOPROTEIN LIPASE, analysis/ *LIVER, enzymology/ SODIUM CHLORIDE, pharmacodynamics

4803. **Klose G, Windelband J, Augustin J, et al:** Untersuchungen zur Hypertriglyceridämie bei Leberekrankungen durch Aktivitätsmessung einer hepatischen Triglyceridlipase und der Lipoproteinlipase im Post-Heparin-Plasma. Verh Dtsch Ges Inn Med 82 Pt 1:311–3, 1976 **(Ger)**
FEMALE/ HUMAN/ *LIPASE, metabolism/ *LIPOPROTEIN LIPASE, blood/ *LIVER DISEASES, metabolism/ LIVER, enzymology/ MALE/ *TRIGLYCERIDES, blood

4804. **Klose PK, Pache HD, Uhl HC:** Zur Frage der Hämostase-Störung durch Dipropylazetat Munch Med Wochenschr 119(3):91–2, 21 Jan 77 **(Ger)**
*BLOOD PLATELET DISORDERS, chemically induced/ CASE REPORT/ CHILD/ *DIPROPYL ACETATE, adverse effects/ DIPROPYL ACETATE, therapeutic use/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ EPILEPSY, GRAND MAL, drug therapy/ FEMALE/ HEMOLYSIS, drug effects/ *HEMOSTASIS, drug effects/ HUMAN/ PLATELET AGGREGATION, drug effects/ PLEUROPNEUMONIA, CONTAGIOUS, etiology/ *VALERATES, adverse effects

4805. **Klosoris E, Siedek M, Kühr J, et al:** Zur Problematik der Leberverletzung. Langenbecks Arch Chir 344(1):61–70, 13 Jul 77 (Eng. Abstr.) **(Ger)**
ABDOMINAL INJURIES, complications/ ABDOMINAL INJURIES, surgery/ ADOLESCENCE/ ADULT/ AGED/ CHILD/ DRAINAGE/ EMERGENCIES/ ENGLISH ABSTRACT/ FEMALE/ HEMOSTASIS/ HEMOTHORAX, etiology/ HUMAN/ *LIVER, injuries/ LIVER, surgery/ MALE/ METHODS/ MIDDLE AGE/ PERITONITIS, etiology/ PROGNOSIS

4806. **Klotz HP:** Comment traiter la ménopause et combien de temps Probl Actuels Endocrinol Nutr SERIE 17:147–53, 1973 **(Fre)**
BONE DISEASES, etiology/ CARCINOGENESIS, chemically induced/ CARDIOVASCULAR DISEASES, etiology/ ESTROGENS, adverse effects/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ *MENOPAUSE/ MIDDLE AGE/ PITUITARY HORMONES, ANTERIOR, blood/ PROGESTERONE, therapeutic use/ THROMBOEMBOLISM, chemically induced/ TIME FACTORS

4807. **Kluft C:** Occurrence of C1 inactivator and other proteinase inhibitors in euglobulin fractions and their influence on fibrinolytic activity. Haemostasis 5(3):136–46, 1976
ALPHA 1-ANTITRYPSIN/ ANGIONEUROTIC EDEMA, blood/ ANTITHROMBINS, blood/ *COMPLEMENT 1, antagonists & inhibitors/ *COMPLEMENT, antagonists & inhibitors/ *FIBRINOLYSIS/ FRACTIONAL PRECIPITATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OSMOLAR CONCENTRATION/ *SERUM GLOBULINS, physiology

4808. **Kluft C, Jenks RL, Astrup T:** Production of plasminogen actovatpr activity in factor XII-deficient plasma. Thromb Res 10(5):759–64, May 77
*BLOOD COAGULATION DISORDERS, blood/ COMPLEMENT 1, antagonists & inhibitors/ *FACTOR XII/ FIBRINOLYSIS, drug effects/ FLUFENAMIC ACID, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ *PLASMINOGEN ACTIVATORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4809. **Klugmann S, Silvestri F, Giarelli L, et al:** Trombosi micotica intracardiaca in corso di stimolazione endocardica permanente. G Ital Cardiol 7(6):625–7, 1977 (Eng. Abstr.) **(Ita)**
AGED/ CASE REPORT/ *ENDOCARDITIS, BACTERIAL, complications/ ENGLISH ABSTRACT/ FEMALE/ *HEART BLOCK, therapy/ HUMAN/ *MYCOSES, complications/ *PACEMAKER, ARTIFICIAL/ *THROMBOSIS, etiology

4810. **Klümper A:** Kongenitale diaphysäre venöse Dysplasie Fortschr Geb Roentgenstr Nuklearmed 125(5):396–9, Nov 76 (Eng. Abstr.) **(Ger)**
ADULT/ ANGIOGRAPHY, methods/ *ARTERIOVENOUS MALFORMATIONS, radiography/ BONE NEOPLASMS, radiography/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, radiography/ HUMAN/ *LEG, blood supply/ SOFT TISSUE NEOPLASMS, radiography/ TIBIA, blood supply/ *VARICOSE VEINS, congenital/ VARICOSE VEINS, radiography

4811. **Klumpp T:** Détermination enzymatique de l'activité antitrypsique du sérum sur analyseur centrifuge. Ann Biol Clin (Paris) 35(3):221–6, 1977 (Eng. Abstr.) **(Fre)**
*ALPHA 1-ANTITRYPSIN, analysis/ ANIMAL/ AUTOANALYSIS, methods/ CENTRIFUGATION/ ENGLISH ABSTRACT/ HUMAN/ KINETICS/ TRYPSIN, metabolism

4812. **Klykov NV, Shcherba NI:** Izmenenie svertyvaemosti krovi u bol'nykh gipertonicheskoi bolezn'iu pod vliianiem solnechnykh obluchenii pri sanatorno-kurortnom lechenii na Chernomorskom poberezh'e Kavkaza Vopr Kurortol Fizioter Lech Fiz Kult (1):39–43, Jan–Feb 77 **(Rus)**
*BLOOD COAGULATION/ FEMALE/ *HEALTH RESORTS/ *HELIOTHERAPY/ HUMAN/ HYPERTENSION, blood/ *HYPERTENSION, therapy/ MALE/ MIDDLE AGE/ *PHYSICAL THERAPY/ RUSSIAN FEDERATION (EUROPE)

4813. **Knapp W:** Defekte der Lymphozyten-Subpopulationen bei verschiedenen Erkrankungen. Dtsch Med Wochenschr 102(22):838–42, 3 Jun 77 **(Ger)**
AGAMMAGLOBULINEMIA, pathology/ ALDRICH SYNDROME, pathology/ AUTOIMMUNE DISEASES, pathology/ B-LYMPHOCYTES, pathology/ BRONCHIAL NEOPLASMS, pathology/ DIGEORGE SYNDROME, pathology/ HUMAN/ LEUKEMIA, LYMPHOBLASTIC, pathology/ LEUKEMIA, LYMPHOCYTIC, pathology/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, pathology/ LYMPHOCYTES, radiation effects/ MACROGLOBULINEMIA, pathology/ MELANOMA, pathology/ T-LYMPHOCYTES, pathology

4814. **Knauer TE, Siegfried CM, Matschiner JT:** Vitamin K requirement and the concentration of vitamin K in rat liver. J Nutr 106(12):1747–51, Dec 76
ANIMAL/ DRUG RESISTANCE/ ETHERS,

CYCLIC, metabolism/ FEMALE/ *LIVER, metabolism/ MALE/ NUTRITIONAL REQUIREMENTS/ OXIDOREDUCTASES, metabolism/ RATS/ SEX FACTORS/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K/ VITAMIN K, analogs & derivatives/ VITAMIN K, metabolism/ *WARFARIN

4815. **Knight LC, Harwig SL, Welch MJ:** In vitro stability and in vivo clearance of fibrinogen or serum albumin labeled with 77Br, 131I, or 125I by direct or indirect synthetic methods. J Nucl Med 18(3):282–8, Mar 77
ACYLATION/ ANIMAL/ *BROMINE, metabolism/ CHLORIDE PEROXIDASE/ COMPARATIVE STUDY/ DOGS/ DRUG STABILITY/ *FIBRINOGEN, metabolism/ HYDROLYSIS/ *IODINE RADIOISOTOPES, metabolism/ METHODS/ PROPIONATES/ RABBITS/ *RADIOISOTOPES, metabolism/ *SERUM ALBUMIN, metabolism/ THROMBOSIS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4816. **Knight MT, Dawson R:** Effect of intermittent compression of the arms on deep venous thrombosis in the legs. Lancet 2(7998):1265–8, 11 Dec 76
AGED/ *ARM, blood supply/ CLOT RETRACTION/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ PLASMINOGEN ACTIVATORS, blood/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ SERUM GLOBULINS, analysis/ *THROMBOPHLEBITIS, prevention & control

4817. **Knight MT, Dawson R, Melrose DG:** Fibrinolytic response to surgery. Labile and stable patterns and their relevance to post-operative deep venous thrombosis. Lancet 2(8034):370–3, 20 Aug 77
CLOT RETRACTION, methods/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, blood/ *POSTOPERATIVE COMPLICATIONS, etiology/ POSTOPERATIVE COMPLICATIONS, occurrence/ SERUM GLOBULINS, diagnostic use/ *SURGERY, OPERATIVE/ THROMBOPHLEBITIS, blood/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, occurrence/ TIME FACTORS

4818. **Knight SC, Farrant J, McGann LE:** Storage of human lymphocytes by freezing in serum alone. Cryobiology 14(1):112–5, Feb 77
*BLOOD PRESERVATION, methods/ *BLOOD/ *FREEZING/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES/ LYMPHOCYTES, immunology/ PLANT AGGLUTININS, pharmacodynamics

4819. **Knochel JP:** Hypophosphatemia. Clin Nephrol 7(4):131–7, Apr 77
ALCOHOLISM, blood/ ALKALOSIS, RESPIRATORY, blood/ BLOOD PLATELETS/ BURNS, blood/ ERYTHROCYTES/ HUMAN/ LEUKOCYTES/ LIVER DISEASES, etiology/ MILK/ MUSCULAR DISEASES, etiology/ NUTRITION DISORDERS, diet therapy/ PARENTERAL HYPERALIMENTATION/ *PHOSPHATES, blood/ PHOSPHATES, therapeutic use/ PHOSPHORUS, blood/ PHOSPHORUS, deficiency

4820. **Knopp RH, Brandt K, Arky RA:** Effects of aspartame in young persons during weight reduction. J Toxicol Environ Health 2(2):417–28, Nov 76
ADOLESCENCE/ ADULT/ ALCOHOL, METHYL, urine/ AMINO ACIDS, blood/ *ASPARTAME/ ASPARTAME, adverse effects/ BLOOD COAGULATION TESTS/ BLOOD SUGAR, analysis/ BODY WEIGHT/ CHILD/ CLINICAL RESEARCH/ *DIET, REDUCING/ *DIPEPTIDES/ FEMALE/ GLUCAGON, blood/ HUMAN/ INSULIN, blood/ MALE/ OBESITY, blood/ *OBESITY, diet therapy/ OBESITY, urine/ PLACEBOS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4821. **Knösel D, Nimitan E:** In vitro-Versuche über extrazelluläre proteolytische Aktivität bei Pseudomonas aeruginosa in Zusammenhang mit phytopathologischen Untersuchungen Z Allg Mikrobiol 16(8):609–14, 1976 **(Ger)**
ALBUMINS, metabolism/ CASEIN, metabolism/ GELATIN, metabolism/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, metabolism/ PLANT DISEASES/ *PSEUDOMONAS AERUGINOSA, enzymology/ PSEUDOMONAS AERUGINOSA, metabolism/ TEMPERATURE

4822. **Knouse CA:** When should we use blood or blood components? J Am Osteopath Assoc 76(8):633, 635–9 concl, Apr 77
BLOOD PLATELETS, transplantation/ *BLOOD TRANSFUSION/ BURNS, therapy/ COLD, therapeutic use/ ERYTHROCYTES, transplantation/ FACTOR VIII, therapeutic use/ FIBRINOGEN, adverse effects/ GRANULOCYTES, transplantation/ HEMATOLOGIC DISEASES, therapy/ HEPATITIS, etiology/ HUMAN/ PLASMA/ PROTEIN-CALORIE MALNUTRITION, therapy/ RISK/ SERUM ALBUMIN, therapeutic use/ SHOCK, HEMORRHAGIC, therapy/ TRANSPLANTATION, HOMOLOGOUS

4823. **Knuckles BE, deFremery D, Kohler GO:** Coumestrol content of fractions obtained during wet processing of alfalfa. J Agric Food Chem 24(6):1177–80, Nov-Dec 76
*ALFALFA/ ALFALFA, analysis/ *COUMARINS, analysis/ COUMESTROL, adverse effects/ *COUMESTROL, analysis/ DIETARY PROTEINS, analysis/ FOOD HANDLING/ HEAT/ HYDROGEN-ION CONCENTRATION/ *PLANT PROTEINS/ PLANT PROTEINS, adverse effects/ SPECIES SPECIFICITY

4824. **Knudtzon S:** In vitro culture of leukaemic cells from 81 patients with acute leukaemia. Scand J Haematol 18(5):377–94, May 77
ADOLESCENCE/ ADULT/ AGAR/ AGED/ BLOOD PLATELETS/ *BONE MARROW CELLS/ BONE MARROW CELLS, drug effects/ CELLS, CULTURED/ CHILD/ CHILD, PRESCHOOL/ COLONY STIMULATING FACTOR, pharmacodynamics/ COMPARATIVE STUDY/ FEMALE/ GRANULOCYTES, drug effects/ HEMATOCRIT/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, blood/ LEUKEMIA, LYMPHOBLASTIC, mortality/ *LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOBLASTIC, mortality/ LEUKOCYTE COUNT/ *LEUKOCYTES/ LEUKOCYTES, drug effects/ MACROPHAGES, drug effects/ MALE/ MIDDLE AGE/ PROGNOSIS/ REMISSION

4825. **Koba T, Yokoyama T, Kaneko M:** [4 cases of one and a half syndrome' observed following surgery of primary pontine hemmorhage] Brain Nerv 29(1):75–80, Jan 77 (Eng. Abstr.) **(Jpn)**
ADULT/ AGED/ CASE REPORT/ *CEREBRAL HEMORRHAGE, surgery/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, surgery/ HUMAN/ MALE/ *NYSTAGMUS, etiology/ OCULOMOTOR PARALYSIS, etiology/ *PONS/ *POSTOPERATIVE COMPLICATIONS/ SYNDROME

4826. **Koba T, Yokoyama T, Hosaka Y, et al:** [Clinico-pathological study of ruptured intracranial aneurysm in acute stage. Clinical review of cases admitted with 24 hours after the attack and postmortem study of the acute death (author's transl)] Neurol Med Chir (Tokyo) 17 Pt. 2(4):343–9, Jul 77 (Eng. Abstr.) **(Jpn)**
ACUTE DISEASE/ ADULT/ AGED/ CASE REPORT/ *CEREBRAL ANEURYSM, pathology/ CEREBRAL ARTERIES, pathology/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE/ RUPTURE, SPONTANEOUS/ SUBARACHNOID HEMORRHAGE, pathology/ TIME FACTORS

4827. **Kobashi H, Arimori S:** [Myasthenia gravis probably caused by benzidamine hydrochloride, bromelains and trypsin] Jpn J Clin Med 35(2):412–4, 10 Feb 77 **(Jpn)**
*BENZYDAMINE, adverse effects/ *BROMELAINS, adverse effects/ CASE REPORT/ CHILD/ FEMALE/ HUMAN/ *MYASTHENIA

GRAVIS, chemically induced/ *PYRAZOLES, adverse effects/ *TRYPSIN, adverse effects

4828. **Kobayashi F, Mimura N:** [Thrombotic troubles of uremic patients (author's transl)] Acta Soc Ophthalmol Jpn 80(9):984–90, 10 Sep 76 (Eng. Abstr.) **(Jpn)**
ADULT/ AGED/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEMODIALYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *RETINAL DISEASES, complications/ RETINAL HEMORRHAGE, complications/ *THROMBOSIS, complications/ *UREMIA, complications

4829. **Kobayashi N, Takeda Y:** Studies of the effects of estradiol, progesterone, cortisol, thrombophlebitis, and typhoid vaccine on synthesis and catabolism of antithrombin III in the dog. Thromb Haemostas 37(1):111–22, 28 Feb 77
ANIMAL/ *ANTITHROMBINS, metabolism/ DOGS/ *ESTRADIOL, pharmacodynamics/ HALF-LIFE/ *HYDROCORTISONE, pharmacodynamics/ IODINE RADIOISOTOPES/ *PROGESTERONE, pharmacodynamics/ *THROMBOPHLEBITIS, metabolism/ TYPHOID/ *VACCINES

4830. **Kobayashi NH, King JC:** Compatibility of common additives in protein hydrolysate/dextrose solutions. Am J Hosp Pharm 34(6):589–94, Jun 77
DRUG INCOMPATIBILITY/ ELECTROLYTES/ *GLUCOSE/ HEPARIN/ INSULIN/ PARENTERAL HYPERALIMENTATION/ *PROTEIN HYDROLYSATES/ PROTEIN HYDROLYSATES, analysis/ SOLUTIONS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ VITAMINS

4831. **Kobayashi O, Wada H, Okawa K, et al:** Schönlein-Henoch's syndrome in children. Contrib Nephrol 4:48–71, 1975
ADOLESCENCE/ CENTRAL NERVOUS SYSTEM DISEASES, complications/ CHILD/ CHILD, PRESCHOOL/ ELECTROCARDIOGRAPHY/ FEMALE/ FOLLOW-UP STUDIES/ GLOMERULONEPHRITIS, complications/ HEMATURIA, complications/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, complications/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INFANT/ KIDNEY GLOMERULUS, pathology/ MALE/ PREDNISOLONE, therapeutic use/ PROTEINURIA, complications/ PURPURA, SCHOENLEIN-HENOCH, complications/ *PURPURA, SCHOENLEIN-HENOCH, diagnosis/ PURPURA, SCHOENLEIN-HENOCH, drug therapy/ REMISSION/ STREPTOCOCCUS, isolation & purification/ STREPTOLYSIN, analysis/ SYNDROME

4832. **Kočandrle V, Hahn M, Hejnal J, et al:** Chirurgické komplikace po transplantacích ledvin. Rozhl Chir 56(5):344–9, May 77 (Eng. Abstr.) **(Cze)**
BLADDER FISTULA, etiology/ ENGLISH ABSTRACT/ HEMORRHAGE, etiology/ HUMAN/ *KIDNEY, transplantation/ RENAL ARTERY/ SURGICAL WOUND INFECTION, etiology/ THROMBOSIS, etiology/ TRANSPLANTATION, ALLOGENEIC, adverse effects

4833. **Kocemba-Sliwowska U, Fairbanks G:** Poly(U) binding to ascites cells of the 13762A rat mammary adenocarcinoma. Evidence for a protein receptor on the cell surface. Exp Cell Res 108(2):349–64, Sep 77
AZIDES, pharmacodynamics/ CELL LINE/ *CELL MEMBRANE, metabolism/ CONCANAVALIN A, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IODOACETATES, pharmacodynamics/ KINETICS/ OSMOLAR CONCENTRATION/ *POLY U, metabolism/ *RECEPTORS, DRUG, metabolism/ RIBONUCLEASE, pharmacodynamics/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4834. **Koch H:** Durchblutungsstörungen am Gastrointestinaltrakt Fortschr Med 95(17):1155–9, 5 May 77 (9 ref.) (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ARTERIAL OCCLUSIVE DISEASES, complications/ ARTERITIS, etiology/ CHRONIC DISEASE/ COLITIS, etiology/ COLITIS, therapy/ EMBOLISM, complications/ ENGLISH ABSTRACT/ *GASTROINTESTINAL SYSTEM, blood supply/ HEPATIC VEIN THROMBOSIS, complications/ HUMAN/ HYPOTENSION, complications/ *ISCHEMIA/ ISCHEMIA, complications/ ISCHEMIA, etiology/ MESENTERIC ARTERIES/ PEPTIC ULCER, etiology/ PERITONITIS, etiology/ REVIEW/ THROMBOSIS, complications

4835. **Koch Y, Baram T, Hazum E, et al:** Resistance to enzymic degradation of LH-RH analogues possessing increased biological activity. Biochem Biophys Res Commun 74(2):488–91, 24 Jan 77
ALANINE/ ANIMAL/ *HYPOTHALAMUS, enzymology/ LEUCINE/ *LH-FSH RELEASING HORMONE, analogs & derivatives/ METHIONINE/ *PEPTIDE HYDROLASES, metabolism/ *PITUITARY GLAND, enzymology/ *PITUITARY GLAND, ANTERIOR, enzymology/ RATS/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPTOPHAN

4836. **Koch-Schmidt AC, Mosbach K:** Studies on conformation of soluble and immobilized enzymes using differential scanning calorimetry. 2. Specific activity and thermal stability of enzymes bound weakly and strongly to Sepharose CL 4B. Biochemistry 16(10):2105–9, 17 May 77
CALORIMETRY/ CATTLE/ *CHYMOTRYPSIN/ COMPARATIVE STUDY/ DRUG STABILITY/ *ENZYMES, IMMOBILIZED/ PANCREAS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ *RIBONUCLEASE/ SEPHAROSE/ SOLUBILITY/ TEMPERATURE/ THERMODYNAMICS

4837. **Koch-Weser J:** Medikamentöse Wechselwirkungen in der kardiovaskulären Therapie Schweiz Med Wochenschr 106(45):1531–8, 6 Nov 76 (Eng. Abstr.) **(Ger)**
ANTIDEPRESSIVE AGENTS, pharmacodynamics/ BIOLOGICAL TRANSPORT/ BIOTRANSFORMATION/ BISHYDROXYCOUMARIN, metabolism/ *CARDIOVASCULAR DISEASES, drug therapy/ DIGOXIN, metabolism/ *DRUG INTERACTIONS/ ENGLISH ABSTRACT/ GUANETHIDINE, metabolism/ HUMAN/ INTESTINAL ABSORPTION/ KINETICS/ PROTEIN BINDING/ SERUM ALBUMIN

4838. **Kociba GJ:** The diagnosis of hemostatic disorders. Vet Clin North Am 6(4):609–23, Nov 76
AFIBRINOGENEMIA, veterinary/ ANIMAL/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, veterinary/ BLOOD COAGULATION TESTS, veterinary/ *CAT DISEASES, blood/ CATS/ CHRISTMAS DISEASE, veterinary/ CLOT RETRACTION, veterinary/ DISSEMINATED INTRAVASCULAR COAGULATION, veterinary/ *DOG DISEASES, blood/ DOGS/ FACTOR X DEFICIENCY, veterinary/ FACTOR XII, analysis/ HEMOPHILIA, veterinary/ HYPOPROCONVERTINEMIA, veterinary/ LATEX FIXATION TESTS, veterinary/ PLATELET AGGREGATION/ PROTHROMBIN TIME

4839. **Kocmierska-Grodzka D:** The influence of trypsin and neuraminidase on content of serotonin in rat blood platelets. Arch Immunol Ther Exp (Warsz) 24(4):565–73, 1976
ANIMAL/ *BLOOD PLATELETS, metabolism/ BUFFERS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ FEMALE/ MALE/ *NEURAMINIDASE, pharmacodynamics/ RATS/ *SEROTONIN, blood/ TIME FACTORS/ *TRYPSIN, pharmacodynamics

4840. **Kocmierska-Grodzka D:** Investigations on hydro-proteolytic intracellular activity in postirradiation sickness. Rocz Akad Med Bialymstoku Suppl 37:5–71, 1976
ACID PHOSPHATASE, metabolism/ ANIMAL/ BRAIN, enzymology/ CATHEPSIN, metabolism/ GLUCURONIDASE, metabolism/ INTESTINE,

SMALL, enzymology/ LIVER, enzymology/ LUNG, enzymology/ MALE/ *PEPTIDE HYDROLASES, metabolism/ RADIATION DOSAGE/ *RADIATION INJURIES, enzymology/ RATS

4841. **Kodama M, Yajima H, Hashimoto I, et al:** Biological activities of Shwartzman-active substance from Yoshida sarcoma cells. Jpn J Med Sci Biol 30(1):77–81, Feb 77
ANIMAL/ ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI/ LEUKOCYTE COUNT/ MICE/ RABBITS/ RATS/ *SARCOMA, YOSHIDA, analysis/ *SHWARTZMAN PHENOMENON, chemically induced

4842. **Koehler B, Bogusz W, Guzikowska E:** Rzadka postać ujawnienia hemofilii u niemowlęcia Otolaryngol Pol 31(2):199–200, 1977 **(Pol)**
AGE FACTORS/ CASE REPORT/ *HEMOPHILIA, complications/ HUMAN/ INFANT/ OTITIS MEDIA, therapy/ PUNCTURES, adverse effects

4843. **Koenig H:** Indigokarmin als Ersatzfarbstoff bei der Lymphographie Radiol Diagn (Berl) 17(2):185–9, 1976 (Eng. Abstr.) **(Ger)**
DYES/ ENGLISH ABSTRACT/ HUMAN/ HYPERSENSITIVITY, IMMEDIATE, immunology/ INDIGO CARMINE/ *LYMPHOGRAPHY, methods/ PEPTIDE HYDROLASES

4844. **Koepke JA, Gilmer PR Jr, Triplett DA, et al:** The prediction of prothrombin time system performance using secondary standards. Am J Clin Pathol 68(1 Suppl):191–4, Jul 77
BLOOD/ COMPARATIVE STUDY/ DIAGNOSIS, LABORATORY, standards/ FREEZE DRYING/ HUMAN/ METHODS/ *PROTHROMBIN TIME/ QUALITY CONTROL/ THROMBOPLASTIN/ UNITED STATES

4845. **Koeppe RE, Krieger M, Stroud RM:** The effect of pre-incubation on trypsin kinetics at low pH. Biochim Biophys Acta 481(2):617–21, 12 Apr 77
CATTLE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PROTEIN BINDING/ TIME FACTORS/ *TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4846. **Koeppen KM:** Soziales Verhalten und Belastbarkeit Hämophiler Med Welt 27(43):2033–5, 22 Oct 76 **(Ger)**
ACTIVITIES OF DAILY LIVING/ ADOLESCENCE/ ADULT/ ATTITUDE TO HEALTH/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *HEMOPHILIA/ HUMAN/ MALE/ *SOCIAL BEHAVIOR/ *STRESS

4847. **Koff SA:** Clues to neonatal genitourinary problems. Postgrad Med 62(3):93–101, Sep 77
ABDOMINAL WALL, abnormalities/ ABNORMALITIES, MULTIPLE/ ANURIA, etiology/ FEMALE/ HEMATURIA, complications/ HUMAN/ HYDRONEPHROSIS, etiology/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ KIDNEY, abnormalities/ KIDNEY, blood supply/ KIDNEY, POLYCYSTIC, diagnosis/ MALE/ RENAL VEINS/ SPERMATIC CORD TORSION, diagnosis/ TESTIS, abnormalities/ THROMBOSIS, complications/ URACHUS/ URETEROCELE, complications/ URETHRAL STRICTURE, complications/ UROGENITAL SYSTEM, abnormalities/ *UROLOGIC DISEASES

4848. **Koh KS, Danzinger RG:** Massive intestinal infarction in young women: complication of use of oral contraceptives? Can Med Assoc J 116(5):513–5, 5 Mar 77
ABDOMEN, ACUTE, etiology/ ADULT/ ARTERIOSCLEROSIS, chemically induced/ CASE REPORT/ CELIAC ARTERY/ *CONTRACEPTIVES, ORAL, adverse effects/ ETHINYL ESTRADIOL, adverse effects/ ETHYNODIOL DIACETATE, adverse effects/ FEMALE/ HUMAN/ ILIAC ARTERY/ *INFARCTION, chemically induced/ *INTESTINES, blood supply/ LYNESTRENOL, adverse effects/ MESENTERIC VASCULAR OCCLUSION, chemically induced/ MESTRANOL, adverse effects/ NORETHINDRONE, adverse effects/ NORETHYNODREL, adverse effects/ NORGESTREL, adverse effects/ SMOKING, complications/ THROMBOEMBOLISM, chemically induced/ TIME FACTORS

4849. **Kohashi O, Pearson CM, Watanabe Y, et al:** Preparation of arthritogenic hydrosoluble peptidoglycans from both arthritogenic and non-arthritogenic bacterial cell walls. Infect Immun 16(3):861–6, Jun 77
ANIMAL/ ARTHRITIS, ADJUVANT, chemically induced/ *BACTERIA, analysis/ CELL WALL, analysis/ CELL WALL, metabolism/ COMPARATIVE STUDY/ FEMALE/ HYPERSENSITIVITY, DELAYED, chemically induced/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEPTIDOGLYCAN, adverse effects/ *PEPTIDOGLYCAN, isolation & purification/ PEPTIDOGLYCAN, metabolism/ RATS/ RATS, INBRED LEW/ SOLUBILITY/ SPECIES SPECIFICITY/ SQUALENE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WATER

4850. **Köhler F, Schmitt CG:** Uber einige seltene Komplikationen durch transvenöse Herzschrittmacher-Elektroden. Morphologische und klinische Befunde Z Kardiol 66(1):44–51, Jan 77 (Eng. Abstr.) **(Ger)**
AGED/ AUTOPSY/ ELECTRODES/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PACEMAKER, ARTIFICIAL, adverse effects/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, pathology/ VEINS

4851. **Köhler H:** Prophylaxe und Therapie der Shuntthrombose bei terminaler Niereninsuffizienz Klin Wochenschr 55(2):49–56, 15 Jan 77 (Eng. Abstr.) **(Ger)**
ANTICOAGULANTS, therapeutic use/ *ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ ARTERIOVENOUS SHUNT, SURGICAL, methods/ ASPIRIN, therapeutic use/ DEXTRAN, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ *HEMODIALYSIS/ HEMORRHAGIC DIATHESIS, etiology/ HEPARIN, therapeutic use/ HUMAN/ SULFINPYRAZONE, therapeutic use/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology/ *THROMBOSIS, prevention & control/ UREMIA, complications

4852. **Köhler W:** Serodiagnostik rheumatischer Erkrankungen Z Gesamte Inn Med 31(16):630–40, 15 Aug 76 (Eng. Abstr.) **(Ger)**
AGGLUTINATION TESTS, methods/ ANTIBODIES, BACTERIAL, analysis/ ANTISTREPTOLYSIN, analysis/ *ARTHRITIS, RHEUMATOID, diagnosis/ CROSS REACTIONS/ DEOXYRIBONUCLEASE, antagonists & inhibitors/ ENGLISH ABSTRACT/ HEMAGGLUTINATION TESTS, methods/ HUMAN/ HYALURONIDASE, antagonists & inhibitors/ METHODS/ NAD NUCLEOSIDASE, antagonists & inhibitors/ *RHEUMATIC FEVER, diagnosis/ RHEUMATISM, diagnosis/ RHEUMATOID FACTOR, analysis/ SERODIAGNOSIS/ STREPTOCOCCUS PYOGENES, enzymology/ STREPTOCOCCUS PYOGENES, immunology/ STREPTOKINASE, antagonists & inhibitors

4853. **Köhler W, Gerlach D:** Mikrobiologisch-immunologische Aspekte der Streptokinase-gewinnung und -anwendung Folia Haematol (Leipz) 103(3):431–6, 1976 **(Ger)**
ANTIGEN-ANTIBODY REACTIONS/ HUMAN/ *STREPTOCOCCUS, metabolism/ *STREPTOKINASE/ STREPTOKINASE, antagonists & inhibitors/ STREPTOKINASE, biosynthesis/ STREPTOKINASE, immunology

4854. **Kohn P, Zekert F, Müller M:** Erfahrungen mit Azetylsalizylsäure-Prophylaxe in der Traumatologie. Dreijahres-Bericht. Munch Med Wochenschr 119(35):1107–8, 2 Sep 77 **(Ger)**
AGED/ ASPIRIN, adverse effects/ *ASPIRIN, therapeutic use/ FEMALE/ FEMORAL FRACTURES, surgery/ HUMAN/ PULMONARY EMBOLISM, prevention & control/ *THROMBOEMBOLISM, prevention & control

4855. **Kohne E, Krause M, Leupold D, et al:** Hemoglobin F Koelliker (alpha2 minus 141 (HC 3) Arg gamma2); a modification of fetal hemoglobin. Hemoglobin 1(3):257–66, 1977

AMINO ACIDS, analysis/ ARGININE/ BLOOD PRESERVATION/ CARBOXYPEPTIDASES/ FALSE POSITIVE REACTIONS/ *FETAL BLOOD, analysis/ *FETAL HEMOGLOBIN, analysis/ HEMOGLOBIN A, analysis/ HUMAN/ KIDNEY, embryology/ LIVER, embryology/ SPLEEN, embryology

4856. **Kohner EM:** The problems of retinal blood flow in diabetes. Diabetes 25(2 SUPPL):839–44, 1976
BLOOD COAGULATION DISORDERS, etiology/ BLOOD FLOW VELOCITY/ CINEANGIOGRAPHY, methods/ *DIABETIC RETINOPATHY, physiopathology/ DIABETIC RETINOPATHY, surgery/ ENDOTHELIUM, cytology/ FUNDUS FLUORESCENCE PHOTOGRAPHY, methods/ HUMAN/ HYPOPHYSECTOMY/ LASERS/ LIGHT COAGULATION/ REGIONAL BLOOD FLOW/ RETINAL ARTERY, physiopathology/ RETINAL VEIN, physiopathology/ *RETINAL VESSELS, physiopathology

4857. **Köhnlein HE, Blümel J, Seitz HD, et al:** Wie beeinflusst eine Defibrinogenierung die Wundheilung? Med Welt 27(43):2057–60, 22 Oct 76 **(Ger)**
*AFIBRINOGENEMIA, physiopathology/ ANIMAL/ MALE/ RATS/ REPTILASE, administration & dosage/ *WOUND HEALING

4858. **Köhnlein HE, Haussmann P, Seitz HD, et al:** Experimentelle Untersuchungen über die Wirkung von Inzisionen mit dem elektrischen Messer auf die Wundheilung. Z Exp Chir 10(3):114–9, Jun 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ BLOOD COAGULATION/ ELECTRODES/ ELECTROSURGERY, instrumentation/ *ELECTROSURGERY, methods/ ENGLISH ABSTRACT/ MALE/ RATS/ *WOUND HEALING

4859. **Koida M, Walter R:** Post-proline cleaving enzyme. Purification of this endopeptidase by affinity chromatography. J Biol Chem 251(23):7593–9, 10 Dec 76
ANIMAL/ CHROMATOGRAPHY, AFFINITY/ HYDROGEN-ION CONCENTRATION/ *KIDNEY, enzymology/ KINETICS/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROLINE/ SHEEP/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4860. **Koide T, Kato H, Davie EW:** Bovine factor XI (plasma thromboplastin antecedent). Methods Enzymol 45:65–73, 1976
AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ ENZYME ACTIVATION/ FACTOR XI DEFICIENCY, blood/ *FACTOR XI/ FACTOR XI, isolation & purification/ FACTOR XI, physiology/ THROMBOPLASTIN

4861. **Koide T, Kato H, Davie EW:** Isolation and characterization of bovine factor XI (plasma thromboplastin antecedent). Biochemistry 16(10):2279–86, 17 May 77
AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CARBOHYDRATES, analysis/ CATTLE/ DISULFIDES, analysis/ *FACTOR XI/ FACTOR XI, isolation & purification/ IMMUNOELECTROPHORESIS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4862. **Koide T, Hermodson MA, Davie EW:** Active site of bovine factor XI (plasma thromboplastin antecedent). Nature 266(5604):729–30, 21 Apr 77
AMINO ACID SEQUENCE/ BINDING SITES/ *FACTOR XI/ FACTOR XI, metabolism/ PEPTIDE PEPTIDOHYDROLASES, blood/ SERINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4863. **Koide Y:** Experimental and clinical studies on the serum level of alpha-chymotrypsin inhibitors in bacterial infection. Aichi Gakuin J Dent Sci 12(3):293–305, Dec 74 (Eng. Abstr.)
ANIMAL/ *CHYMOTRYPSIN, analysis/ ENGLISH ABSTRACT/ HUMAN/ INFLAMMATION/ RABBITS/ STAPHYLOCOCCAL INFECTIONS

4864. **Koike S:** [Consumption coagudopathy associated with interruption of the descending thoracic aorta and the effect of aortic bypass] J Jpn Assoc Thorac Surg 25(1):9–20, Jan 77 (Eng. Abstr.) **(Jpn)**
ANIMAL/ *AORTA, THORACIC, surgery/ *DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ DOGS/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION, methods/ HEMODYNAMICS

4865. **Koistinen J, Leikola J:** Weak anti-IgA antibodies with limited specificity and nonhemolytic transfusion reactions. Vox Sang 32(2):77–81, 1977
*ANTI-ANTIBODIES/ ANTIBODY SPECIFICITY/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ HEMAGGLUTINATION TESTS/ HUMAN/ *IGA

4866. **Koj A, Dubin A:** Inhibition of the liver and plasma protein acute-phase response in mice by D-galactosamine. Br J Exp Pathol 57(6):733–41, Dec 76
ANIMAL/ *BLOOD PROTEINS, biosynthesis/ DEPRESSION, CHEMICAL/ FEMALE/ FIBRINOGEN, biosynthesis/ *GALACTOSAMINE, pharmacodynamics/ *LIVER, drug effects/ LIVER, metabolism/ MICE/ *PROTEINS, biosynthesis/ SKIN, injuries/ TYROSINE AMINOTRANSFERASE, metabolism

4867. **Kokores JA, Economopoulos TC, Alexopoulos C, et al:** Platelet function tests during major operation for gastro-intestinal carcinoma. Br J Surg 64(2):147–9, Feb 77
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FEMALE/ *GASTROINTESTINAL NEOPLASMS, surgery/ HUMAN/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION, drug effects/ TIME FACTORS

4868. **Kolber-Postępska B:** Kininogen i prekallikreina w osoczy chorych z nadciśnieniem tętniczym Pol Tyg Lek 31(46):1983–6, 15 Nov 76 (Eng. Abstr.) **(Pol)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTENSION, blood/ *KALLIKREIN, blood/ *KININOGENS, blood/ MALE/ MIDDLE AGE/ *PREKALLIKREIN, blood

4869. **Kolber-Postępska B, Kleinrok Z:** Wpyw diety z organiczeniem sodu oraz niektórych leków hipotensyjnych na poziom kininogenu i prekallikreiny w osoczu chorych z nadciśnieniem tętniczym Pol Tyg Lek 31(49):2085–8, 6 Dec 76 (Eng. Abstr.) **(Pol)**
ADULT/ *ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTENSION, blood/ HYPERTENSION, diet therapy/ HYPERTENSION, drug therapy/ *KALLIKREIN, analysis/ *KININOGENS, blood/ MALE/ MIDDLE AGE/ *PREKALLIKREIN, analysis/ SODIUM, administration & dosage

4870. **Kolesnikova RS:** Osnovnye problemy, voznikaiushchie pri porazhenii magistral'nykh ven v rezul'tate travmy konechnosteĭ i taza Sov Med (3):115–9, Mar 77 **(Rus)**
BLOOD COAGULATION/ HUMAN/ *LEG INJURIES, complications/ *PELVIS, injuries/ *VEINS, injuries

4871. **Koller F:** Antikoagulantien-ebenwirkungen und ihr Verhütung Praxis 66(2):37–41, 11 Jan 77 (Eng. Abstr.) **(Ger)**
*ANTICOAGULANTS, adverse effects/ COUMARINS, adverse effects/ ENGLISH ABSTRACT/ FACTOR IX, therapeutic use/ HEMATOMA, EPIDURAL, surgery/ HEMATOMA, SUBDURAL, surgery/ HEMORRHAGE, chemically induced/ *HEMORRHAGE, prevention & control/ HEPARIN, adverse effects/ HUMAN/ VITAMIN K, therapeutic use

4872. **Koller F:** Die Bedeutung der Klinik für die medizinisch Forschung Schweiz Med Wochenschr 106(44):1489–98,

30 Oct 76 (84 ref.) (Eng. Abstr.) **(Ger)**
ADRENAL CORTEX HORMONES, therapeutic use/ AGAMMAGLOBULINEMIA, etiology/ ARTHRITIS, drug therapy/ BISHYDROXYCOUMARIN, therapeutic use/ CLINICAL RESEARCH/ DIABETES MELLITUS, drug therapy/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ HEART CATHETERIZATION/ HEART CONDUCTION SYSTEM, physiology/ HUMAN/ *RESEARCH, methods/ REVIEW/ SULFONAMIDES, therapeutic use/ THROMBOSIS, prevention & control/ THYMUS GLAND, immunology/ THYROID GLAND, physiology/ VITAMIN K, physiology

4873. **Koller PC:** Recenti progressi nella diagnosi e nel trattamento delle malattie genetiche Recent Prog Med (Roma) 61(4):557–70, Oct 76 (22 ref.) (Eng. Abstr.) **(Ita)**
AMAUROTIC FAMILIAL IDIOCY, familial & genetic/ ANEMIA, SICKLE CELL, familial & genetic/ CHROMOSOME ABNORMALITIES, diagnosis/ CYSTIC FIBROSIS, familial & genetic/ ENGLISH ABSTRACT/ FEMALE/ HEMOPHILIA, familial & genetic/ *HEREDITARY DISEASES/ HEREDITARY DISEASES, diagnosis/ HEREDITARY DISEASES, therapy/ HUMAN/ LIPOCHONDRODYSTROPHY, familial & genetic/ MUSCULAR DYSTROPHY, familial & genetic/ PHENYLKETONURIA, diet therapy/ PHENYLKETONURIA, familial & genetic/ PREGNANCY/ PRENATAL DIAGNOSIS/ REVIEW/ SPINA BIFIDA, familial & genetic

4874. **Kolmorgen K, Koepcke E:** Stichinzisionsbehandlung der oberflächlichen Phlebo- bzw. Varikothrombose in der Schwangerschaft und im Wochenbett Zentralbl Gynaekol 99(2):120–1, 1977 **(Ger)**
ADULT/ FEMALE/ HUMAN/ METHODS/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, surgery/ PREGNANCY/ *PUERPERAL DISORDERS, surgery/ PUNCTURES/ *THROMBOPHLEBITIS, surgery/ *VARICOSE VEINS, surgery

4875. **Kolobow T, Stool EW, Pierce J:** Long-term perfusion with the membrane lung in lambs. pp. 235–53. In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CARDIOPULMONARY BYPASS/ LEUKOCYTE COUNT/ MONOGRAPH/ *OXYGENATORS, MEMBRANE/ OXYGENATORS, MEMBRANE, adverse effects/ OXYGENATORS, MEMBRANE, instrumentation/ PERFUSION/ SHEEP/ SILICONE ELASTOMERS/ TIME FACTORS

4876. **Kolobow T, Tomlinson TA, Pierce JE:** Blood compatibility of methyl, methyl vinyl, methyl phenyl, and trifluoropropylmethylvinyl silicone rubber without silica fillers in the spiral-coiled membrane lung. J Biomed Mater Res 11(4):471–81, Jul 77
ANIMAL/ BIOCOMPATIBLE MATERIALS/ BLOOD CELL COUNT/ BLOOD COAGULATION/ *BLOOD/ COMPARATIVE STUDY/ DIMETHYLPOLYSILOXANES/ *MEMBRANES, ARTIFICIAL/ *OXYGENATORS, MEMBRANE/ POLYVINYLS/ SHEEP/ *SILICONE ELASTOMERS/ *SILICONES/ *SILOXANES/ VASCULAR RESISTANCE

4877. **Kolodzeĭs'ka MV, Tsiperovich DS, Skuratovs'ka ND:** Vlastivosti proteĭnazi khimotrpsinovogo tipu Aspergillus Oryzae. Ukr Biokhim Zh 49(3):42–6, May–Jun 77 (Eng. Abstr.) **(Ukr)**
*ASPERGILLUS ORYZAE, enzymology/ *ASPERGILLUS, enzymology/ BENZAMIDES, metabolism/ CASEIN, metabolism/ *CHYMOTRYPSIN, metabolism/ DRUG STABILITY/ ENGLISH ABSTRACT/ FORMALDEHYDE, pharmacodynamics/ HEAT/ HYDROGEN-ION CONCENTRATION/ NITROBENZENES, metabolism/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TYROSINE, analogs & derivatives/ TYROSINE, metabolism

4878. **Kolodziej P:** Powikłania zakrzepowo-zatorowe w zawale serca Kardiol Pol 19(3):207–13, 1976 (Eng. Abstr.) **(Pol)**
ACUTE DISEASE/ ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ *MYOCARDIAL INFARCT, complications/ *THROMBOEMBOLISM, complications/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, mortality

4879. **Kolomina SM, Chentsov IuS, Kudriashov BA, et al:** Morfologicheskie izmeneniia kletok sarkomy 45 i okruzhaiushcheĭ opukhol' kapsuly u krys pod vliianiem trombolitina v komplekse s aminazinom. Tsitologiia 19(5):501–7, May 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION DISORDERS, complications/ *CHLORPROMAZINE/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYTIC AGENTS/ HEPARIN/ MITOTIC INDEX/ NEOPLASM TRANSPLANTATION/ RATS/ *SARCOMA, EXPERIMENTAL, complications/ SARCOMA, EXPERIMENTAL, pathology/ SARCOMA, EXPERIMENTAL, ultrastructure/ TRYPSIN

4880. **Kolomytkin OV, Ermishkin LN:** Elektroprovodnost' lipidnykh membran v prisutstvii proteoliticheskikh fermentov i ikh substratov Biofizika 21(6):1008–12, Nov 76 (Eng. Abstr.) **(Rus)**
CHOLESTEROL/ CHYMOTRYPSIN/ ELECTRIC CONDUCTIVITY/ ENGLISH ABSTRACT/ *MEMBRANES, ARTIFICIAL/ OVALBUMIN/ *PEPTIDE HYDROLASES/ PHENYLALANINE/ *PHOSPHOLIPIDS/ PROTEIN DENATURATION

4881. **Kómár J:** A carpal tunnel syndroma és az a. ulnaris thrombosisa. (Oki összefüggés avagy együttes elöfordulás.) Orv Hetil 118(33):1998, 14 Aug 77 **(Hun)**
*CARPAL TUNNEL SYNDROME, complications/ CARPAL TUNNEL SYNDROME, surgery/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ *THROMBOSIS, complications/ THROMBOSIS, etiology/ WRIST, blood supply

4882. **Komissarova NV, Gomazkov OA:** Novye dannye o znachenii kallikrein-kininovoĭ sistemy v reguliatsii gemostaza. Patol Fiziol Eksp Ter (3):89, May–Jun 77 **(Rus)**
*HEMOSTASIS/ HUMAN/ *KALLIKREIN, physiology/ *KININS, physiology

4883. **Komiyama M, Bender ML, Utaka M, et al:** Model for 'charge-relay': acceleration by carboxylate anion in intramolecular general base-catalyzed ester hydrolysis by the imidazolyl group. Proc Natl Acad Sci USA 74(7):2634–8, Jul 77
*BENZOATES/ *CATALYSIS/ DIOXANES/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *IMIDAZOLES/ MODELS, CHEMICAL/ PEPTIDE HYDROLASES, metabolism

4884. **Komoda T, Sakagishi Y:** Partial purification of human intestinal alkaline phosphatase with affinity chromotography. Some properties and interaction of concanavalin A with alkaline phosphatase. Biochim Biophys Acta 445(3):645–60, 11 Oct 76
ALKALINE PHOSPHATASE, isolation & purification/ *ALKALINE PHOSPHATASE, metabolism/ ANIMAL/ BINDING SITES/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ *CONCANAVALIN A/ GEL DIFFUSION TESTS/ HUMAN/ *INTESTINAL MUCOSA, enzymology/ KINETICS/ LIVER, enzymology/ NEURAMINIDASE/ ORGAN SPECIFICITY/ PEPTIDE FRAGMENTS, analysis/ PRONASE/ PROTEIN BINDING/ SPECIES SPECIFICITY/ TEMPERATURE/ TRYPSIN

4885. **Kompiang IP, Bensadoun A, Yang MW:** Effect of an anti-lipoprotein lipase serum on plasma triglyceride removal. J Lipid Res 17(5):498–505, Sep 76
ADIPOSE TISSUE, enzymology/ ANIMAL/ ANTIGEN-ANTIBODY REACTIONS/ BODY WEIGHT/ CHICKENS/ CHOLESTEROL

ESTERS, blood/ CHOLESTEROL, blood/ IMMUNE SERUMS/ KINETICS/ LIPOPROTEIN LIPASE, immunology/ *LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, VLDL, blood/ MALE/ *TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4886. **Kondo M:** [Correlation of complement system with coagulation, fibrinolysis, and kinin generation] Jpn J Clin Hematol 17(1):1–14, Jan 76 (115 ref.) **(Jpn)**
ADULT/ AMINOCAPROIC ACIDS, pharmacodynamics/ ANGIONEUROTIC EDEMA, blood/ ANIMAL/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGEN-ANTIBODY REACTIONS/ *BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ COMPLEMENT 1, antagonists & inhibitors/ COMPLEMENT, analysis/ *COMPLEMENT, metabolism/ COMPLEMENT, physiology/ ENZYME ACTIVATION/ FACTOR XII, physiology/ FEMALE/ FIBRINOLYSIN, pharmacodynamics/ *FIBRINOLYSIS/ GUINEA PIGS/ HUMAN/ IN VITRO/ *KININS, biosynthesis/ KININS, pharmacodynamics/ RABBITS/ RATS/ REVIEW/ TRANEXAMIC ACID, pharmacodynamics

4887. **Kondo M, Tekemura S, Yokoe N, et al:** [Gastrointestinal lesions caused by blood coagulation. 1. Experimental disseminated intravascular coagulation caused by endotoxin] Jpn J Gastroenterol 73(11):1373–80, Nov 76 (Eng. Abstr.) **(Jpn)**
ANIMAL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ DOGS/ ENDOTOXINS, toxicity/ ENGLISH ABSTRACT/ ESCHERICHIA COLI/ FEMALE/ *GASTROINTESTINAL SYSTEM, pathology/ RATS

4888. **Kondrat'ev AN, Tomchin IaN, Rubinshteĭn SIa:** O trombozakh sistemy verkhneĭ poloĭ veny posle ee kateterizatsii u deteĭ po dannym autopsii. Vopr Okhr Materin Det 22(5):80–1, May 77 **(Rus)**
ADOLESCENCE/ AUTOPSY/ *CATHETERIZATION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ INFANT, NEWBORN/ *THROMBOSIS, etiology/ *VENA CAVA, SUPERIOR

4889. **Konings CH:** Measurement of antitryptic activity of serum with a centrifugal analyzer. Clin Chem 23(9):1760–3, Sep 77
ADULT/ AGE FACTORS/ *ALPHA 1-ANTITRYPSIN, analysis/ AUTOANALYSIS/ BENZOYLARGININE NITROANILIDE/ CENTRIFUGATION, methods/ CHILD/ COMPARATIVE STUDY/ COMPUTERS/ HUMAN/ INFANT, NEWBORN/ KINETICS/ TRYPSIN

4890. **Koniukhov SG, Timofeev GA, Rybkin AV:** Effektivnost' ispol'zovaniia zhelatinovoĭ gubki dlia gemostaza pri lechenii bol'nykh s ostrym podvzdoshno-bedrennym venoznym yrombozom. Vestn Khir (3):23–7, Mar 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ *FEMORAL VEIN, surgery/ FIBRINOLYTIC AGENTS, therapeutic use/ *GELATIN, therapeutic use/ HEMORRHAGE, prevention & control/ *HEMOSTASIS, SURGICAL/ HUMAN/ *ILIAC VEIN, surgery/ LEG, blood supply/ MALE/ MIDDLE AGE/ PELVIS, blood supply/ THROMBOSIS, surgery/ *THROMBOSIS, therapy

4891. **Konja J, Belicza M, Krstulovic B, et al:** 'Infantilni' hemangioendoteliom jetre u 5-mjesečnog dojenčeta. Lijec Vjesn 99(4):218–24, Apr 77 (Eng. Abstr.) **(Scr)**
AGE FACTORS/ AUTOPSY/ CASE REPORT/ ENGLISH ABSTRACT/ *HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ INFANT/ *LIVER NEOPLASMS, pathology/ MALE

4892. **Kono A, Hiramatsu Y, Kurosaki Y, et al:** [Urinary tract involvement in hemophilia] Jpn J Clin Radiol 22(5):465–9, May 77 **(Jpn)**
ADOLESCENCE/ ADULT/ CASE REPORT/ CHILD/ CHRISTMAS DISEASE, complications/ HEMATOMA, etiology/ *HEMOPHILIA, complications/ HUMAN/ *KIDNEY DISEASES, etiology

4893. **Kono N, Fujiwara T:** [Scanning and transmission electron microscopic findings of platelet-like bodies in human urine (author's transl)] Jpn J Clin Hematol 17(6):632–35, Jun 76 (Eng. Abstr.) **(Jpn)**
ADULT/ *BLOOD PLATELETS, ultrastructure/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ *URINE, cytology

4894. **Kono T, Robinson FW, Sarver JA, et al:** Actions of insulin in fat cells. Effects of low temperature, uncouplers of oxidative phosphorylation, and respiratory inhibitors. J Biol Chem 252(7):2226–33, 10 Apr 77
ACETYLGLUCOSAMINIDASE, isolation & purification/ ACETYLGLUCOSAMINIDASE, metabolism/ *ADIPOSE TISSUE, metabolism/ ANIMAL/ AZIDES, pharmacodynamics/ BISHYDROXYCOUMARIN, pharmacodynamics/ COLD/ CYANIDES, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ IN VITRO/ INSULIN, metabolism/ *INSULIN, pharmacodynamics/ KINETICS/ MALE/ MICROSOMES, drug effects/ MICROSOMES, metabolism/ *OXIDATIVE PHOSPHORYLATION, drug effects/ RATS/ RECEPTORS, INSULIN/ *UNCOUPLING AGENTS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4895. **Konrad HR, Canalis RF:** Transpalatal approach to deeper cranial structures. Laryngoscope 87(2):165–70, Feb 77
ANGIOMA, SCLEROSING, surgery/ BIOPSY/ CARCINOMA, EPIDERMOID, pathology/ CAVERNOUS SINUS, surgery/ HUMAN/ INFANT/ METHODS/ NASOPHARYNGEAL DISEASES, surgery/ NASOPHARYNGEAL NEOPLASMS, pathology/ NASOPHARYNGEAL NEOPLASMS, surgery/ *NASOPHARYNX, surgery/ PALATE/ PARANASAL SINUS NEOPLASMS, pathology/ PARANASAL SINUS NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS/ SINUSITIS, surgery/ SPHENOID SINUS, pathology/ *SPHENOID SINUS, surgery/ THROMBOSIS, surgery

4896. **Konstantinova GD, Prokubovskiĭ VI, Popov IuP:** Tazovaia i retrogradnaia bedrennaia flebografiia v diagnostike posttromboticheskoĭ bolezni nizhnikh konechnosteĭ Khirurgiia (Mosk) (8):59–65, Aug 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *FEMORAL VEIN, radiography/ HUMAN/ ILIAC VEIN/ MALE/ *PELVIS, radiography/ PHLEBOGRAPHY, methods/ SAPHENOUS VEIN/ *THROMBOPHLEBITIS, radiography

4897. **Konttinen Y, Myllyla G:** DIC-syndrooma. II. DIC eri sairauksissa Duodecim 92(20):1143–57, 1976 **(Fin)**
DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEMATOLOGIC DISEASES, complications/ HUMAN/ INFECTION, complications/ PANCREATITIS, complications/ SHOCK, complications/ WOUNDS AND INJURIES, complications

4898. **Konturek SJ, Kwiecień N, Swierczek J, et al:** Effect of methylated PGE2 analogs given orally on pancreatic response to secretin in man. Am J Dig Dis 22(1):16–9, Jan 77
ADULT/ AMYLASE, metabolism/ BICARBONATES, metabolism/ CHYMOTRYPSIN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ *PANCREAS, drug effects/ PANCREAS, metabolism/ PROSTAGLANDINS E, administration & dosage/ *PROSTAGLANDINS E, pharmacodynamics/ *PROSTAGLANDINS, SYNTHETIC, pharmacodynamics/ PROTEINS, metabolism/ *SECRETIN, pharmacodynamics/ TIME FACTORS

4899. **Koo AH, LaRoque RL:** Evaluation of head trauma by computed tomography. Radiology 123(2):345–50, May 77
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ BRAIN DISEASES, radiography/ BRAIN EDEMA, radiography/ BRAIN INJURIES, ACUTE, radiography/ BRAIN, blood supply/ CEREBRAL HEMORRHAGE, radiography/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ CYSTS, radiography/ *HEAD INJURIES, radiography/ HEMATOMA, radiography/ HUMAN/ HYDROCEPHALUS, radiography/ INFANT/ INFANT, NEWBORN/ INFARCTION, radiography/ MIDDLE AGE/ SUBARACHNOID HEMORRHAGE, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

4900. **Kopera H:** Orale kontrazeptiva Wien Klin Wochenschr 88(22):717–29, 26 Nov 76 (93 ref.) (Eng. Abstr.) **(Ger)**
ABNORMALITIES, DRUG-INDUCED, etiology/ *CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ CONTRACEPTIVES, POSTCOITAL, adverse effects/ ENGLISH ABSTRACT/ FAMILY PLANNING/ FEMALE/ HUMAN/ HYPERTENSION, chemically induced/ INTRACRANIAL PRESSURE, drug effects/ LIVER NEOPLASMS, chemically induced/ POPULATION EXPLOSION/ PREGNANCY/ REVIEW/ THROMBOEMBOLISM, chemically induced

4901. **Kopf AW, Bart RS:** Tumor conference No. 9. Massive hemangioma with pharyngeal involvement. J Dermatol Surg 2(5):373–7, Nov 76
ADRENAL CORTEX HORMONES, therapeutic use/ *AIRWAY OBSTRUCTION, etiology/ CASE REPORT/ CHILD, PRESCHOOL/ *FACIAL NEOPLASMS, complications/ FACIAL NEOPLASMS, drug therapy/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, drug therapy/ HUMAN/ INFANT/ *PHARYNX/ VISION DISORDERS, etiology

4902. **Koppang N, Rimeslåtten H:** Toxic and carcinogenic effects of nitrosodimethylamine in mink. IARC Sci Publ (14):443–52, 1976
ANIMAL/ *CARCINOGENS/ *DIMETHYLNITROSAMINE, toxicity/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ *HEMANGIOMA, chemically induced/ HEMANGIOMA, pathology/ *LIVER NEOPLASMS, chemically induced/ LIVER NEOPLASMS, pathology/ LIVER, pathology/ MALE/ *MINK/ NEOPLASM METASTASIS/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, pathology/ *NITROSAMINES, toxicity/ TIME FACTORS

4903. **Koppes GM, Daly JJ, Coltman CA Jr, et al:** Exertion-induced rhabdomyolysis with acute renal failure and disseminated intravascular coagulation in sickle cell trait. Am J Med 63(2):313–7, Aug 77
ADOLESCENCE/ ADULT/ *ANEMIA, SICKLE CELL, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *EXERTION/ HUMAN/ *KIDNEY FAILURE, ACUTE, complications/ KIDNEY FAILURE, ACUTE, etiology/ MALE/ MUSCULAR DISEASES, complications/ *MUSCULAR DISEASES, etiology/ MYOGLOBINURIA, complications/ *MYOGLOBINURIA, etiology/ *SICKLE CELL TRAIT, complications

4904. **Koracevic D, Djordjevic V:** Effect of trypsin, S-adenosylmethionine and ethionine on L-serine sulfhydrase activity. Experientia 33(8):1010–1, 15 Aug 77
ANIMAL/ CYSTATHIONINE BETA-SYNTHASE, antagonists & inhibitors/ *CYSTATHIONINE BETA-SYNTHASE, metabolism/ DEPRESSION, CHEMICAL/ *ETHIONINE, pharmacodynamics/ *HYDRO-LYASES, metabolism/ *LIVER, enzymology/ RATS/ *S-ADENOSYLMETHIONINE, pharmacodynamics/ STIMULATION, CHEMICAL/ *TRYPSIN, pharmacodynamics

4905. **Korant BD:** Protease activity associated with HeLa cell ribosomes. Biochem Biophys Res Commun 74(3):926–33, 7 Feb 77
CATTLE/ CENTRIFUGATION, ZONAL/ *HELA CELLS, enzymology/ KINETICS/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ *RIBOSOMES, enzymology/ TRYPSIN, metabolism

4906. **Korbová L, Kohout J, Cížková J, et al:** Inhibitory effect of cycloheximide on gastric secretion in rats. Biochem Pharmacol 26(10):979–81, 15 May 77
ANIMAL/ *CYCLOHEXIMIDE, pharmacodynamics/ DEPRESSION, CHEMICAL/ GASTRIC JUICE, analysis/ GASTRIC JUICE, enzymology/ *GASTRIC JUICE, secretion/ HYDROGEN-ION CONCENTRATION/ MALE/ MUCOPROTEINS, analysis/ PENTAGASTRIN, antagonists & inhibitors/ PENTAGASTRIN, pharmacodynamics/ PEPTIDE HYDROLASES, analysis/ RATS/ STOMACH ULCER, prevention & control

4907. **Kořínková P, Lodin Z:** The metabolism of glucose of nerve cells cultivated under different conditions. Acta Histochem (Jena) 56(1):47–65, 1976
AEROBIOSIS/ ANAEROBIOSIS/ ANIMAL/ BRAIN, cytology/ CELL ADHESION/ CELL SEPARATION, methods/ CELLS, CULTURED/ CHICK EMBRYO/ CULTURE MEDIA/ CYTOLOGICAL TECHNICS, instrumentation/ *GLUCOSE, metabolism/ GLYCOLYSIS/ IN VITRO/ *NEURONS, metabolism/ PLASTICS/ TRYPSIN

4908. **Korkuschko OW, Tereschtschenko WP:** Die sekretorische Funktion der Bauchspeicheldrüse und der Alternsprozess ZFA [Dresden] 31(2):133–50, 1976 (Eng. Abstr.)
ADULT/ AGED/ *AGING/ AMYLASE, metabolism/ BICARBONATES, analysis/ BLOOD SUGAR, analysis/ CHOLECYSTOKININ, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROCHLORIC ACID, pharmacodynamics/ IODINE, urine/ IODIZED OILS, pharmacodynamics/ LIPASE, metabolism/ MALE/ MIDDLE AGE/ PANCREAS, drug effects/ *PANCREAS, secretion/ *PANCREATIC JUICE, analysis/ PANCREATIC JUICE, enzymology/ SECRETIN, pharmacodynamics/ STARCH, pharmacodynamics/ TRYPSIN, metabolism

4909. **Korkushko OV:** O vliianii gipokinezii na organizm pozhilykh i starykh liudeĭ Klin Med (Mosk) 55(3):58–64, Mar 77 (Eng. Abstr.) **(Rus)**
AGE FACTORS/ AGED/ BLOOD COAGULATION/ ENGLISH ABSTRACT/ HEART, physiopathology/ HEMODYNAMICS/ HUMAN/ MIDDLE AGE/ *MOVEMENT DISORDERS, physiopathology/ OXIDATION-REDUCTION/ OXYGEN CONSUMPTION/ RESPIRATION

4910. **Korn G, Matthaeus W:** Die Schweinepestkrankheit als virusinduzierte Störung des Enzymsystems: Zur Pathogenität von Pankreassuspensionen und Chymotrypsin(ogen). Zentralbl Bakteriol [Orig A] 238(1):20–34, May 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ ANTIBODY FORMATION/ *CHYMOTRYPSIN, adverse effects/ *CHYMOTRYPSINOGEN, adverse effects/ ENGLISH ABSTRACT/ *HOG CHOLERA, enzymology/ HOG CHOLERA, etiology/ HOG CHOLERA, physiopathology/ LYMPHATIC SYSTEM, physiopathology/ *PANCREATIC EXTRACTS, adverse effects/ SWINE

4911. **Korolev BA, Karov VV:** 5000 operatsiĭ pri mitral'nom stenoze Khirurgiia (Mosk) 0(7):72–6, Jul 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INFANT/ *MITRAL VALVE STENOSIS, surgery/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, surgery/ PREGNANCY/ THROMBOEMBOLISM, prevention & control

4912. **Korolev BA, Makarov NA, Aver'ianov IuA, et al:** Khirurgicheskoe lechenie pri posttromboflebiticheskom

sindrome nizhnikh konechnosteĭ Vestn Khir 118(1):61–4, Jan 77 **(Rus)**
ADULT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ RECURRENCE/ SYNDROME/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, surgery/ VENOUS PRESSURE

4913. **Korsan-Bengtsen K, Johsen M, Pehrsson NG:** Comparison between British Comparative Thromboplastin (BCT) and a factor II–VII–X determination method (simplastin A) based on fresh plasma samples from dicoumarol-treated patients. Thromb Haemostas 37(1):98–103, 28 Feb 77
BISHYDROXYCOUMARIN, therapeutic use/ *BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ *FACTOR VII, analysis/ *FACTOR X, analysis/ HUMAN/ NORMAL VALUES/ *PROTHROMBIN, analysis/ *THROMBOPLASTIN, analysis

4914. **Korsgaard B, Pedersen JT:** Opspyt og ekspektorantia Ugeskr Laeger 138(39):2355–61, 20 Sep 76 (Eng. Abstr.) **(Dan)**
ACETYLCYSTEINE, pharmacodynamics/ AMMONIUM CHLORIDE, pharmacodynamics/ ANTIMONY, pharmacodynamics/ BROMHEXINE, pharmacodynamics/ CHYMOTRYPSIN, pharmacodynamics/ ENGLISH ABSTRACT/ *EXPECTORANTS/ EXPECTORANTS, pharmacodynamics/ HUMAN/ IODIDES, pharmacodynamics/ IPECAC, pharmacodynamics/ LAURIC ACIDS, pharmacodynamics/ POLYSORBATES, pharmacodynamics/ SAPONINS, pharmacodynamics/ *SPUTUM/ SPUTUM, analysis/ SPUTUM, drug effects/ UREA, pharmacodynamics/ WATER, pharmacodynamics

4915. **Korte DE, Hegedus LS, Wirth RK:** Synthesis of isocoumarins, dihydroisocoumarins, and isoquinolones via pi-allylnickel halide and pi-olefin-palladium complexes. J Org Chem 42(8):1329–36, 15 Apr 77
ALKENES/ ALLYL COMPOUNDS/ *COUMARINS, chemical synthesis/ *ISOQUINOLINES, chemical synthesis/ NICKEL/ PALLADIUM/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4916. **Kosary IZ, Braham J, Shacked I, et al:** Spinal epidural hematoma due to hemangioma of vertebra. Surg Neurol 7(2):61–2, Feb 77
AGED/ CASE REPORT/ FEMALE/ *HEMANGIOMA, complications/ *HEMATOMA, EPIDURAL, etiology/ HEMATOMA, EPIDURAL, surgery/ HUMAN/ PARAPLEGIA, etiology/ SPINAL CORD COMPRESSION, etiology/ *SPINAL CORD DISEASES, etiology/ *SPINAL NEOPLASMS, complications

4917. **Koshland ME, Chapuis RM, Recht B, et al:** Selective proteolysis of the J chain component in human polymeric immunoglobulin. J Immunol 118(3):775–81, Mar 77
AMINO ACID SEQUENCE/ ANTIGENIC DETERMINANTS/ CHYMOTRYPSIN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ HUMAN/ *IGA/ *IGM/ *IMMUNOGLOBULINS, J CHAIN/ MACROGLOBULINS/ MYELOMA PROTEINS/ SUBTILISINS/ TRYPSIN/ ULTRACENTRIFUGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4918. **Koslík S, Mydlík M, Melničák P, et al:** Význam regionálnej heparinizácie pri hemodialýze Vnitr Lek 22(10):981–6, Oct 76 (Eng. Abstr.) **(Slo)**
ENGLISH ABSTRACT/ *HEMODIALYSIS/ HEMORRHAGE, prevention & control/ *HEPARIN, therapeutic use/ HUMAN/ KIDNEY FAILURE, ACUTE, therapy

4919. **Kośmider S, Kossmann S, Bednarski W, et al:** Aktywność proteolityczna tkanki płucnej w doświadczalnym narażeniu na tlenki azotu oraz produkty ich wiązania z gazowym amoniakiem Pneumonol Pol 44(10):937–42, 1976 (Eng. Abstr.) **(Pol)**
AMMONIA, metabolism/ ANIMAL/ ENGLISH ABSTRACT/ GUINEA PIGS/ LUNG, drug effects/ *LUNG, enzymology/ MALE/ *NITROGEN OXIDES, adverse effects/ NITROGEN OXIDES, metabolism/ *PEPTIDE HYDROLASES, metabolism/ PULMONARY EMPHYSEMA, chemically induced

4920. **Kośmider S, Hrycek A:** Wpływ palenia papierosów na elementy morfotyczne krwi obwodowej. Wiad Lek 30(13):1023–6, 1 Jul 77 (Eng. Abstr.) **(Pol)**
BLOOD PLATELETS, drug effects/ *BLOOD, drug effects/ ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ ERYTHROPOIESIS, drug effects/ HUMAN/ LEUKOCYTES, drug effects/ *NICOTINE, adverse effects/ *SMOKING/ SMOKING, complications

4921. **Kosnik EJ, Paul SE, Rossel CW, et al:** Central neurogenic pulmonary edema: with a review of its pathogenesis and treatment. Childs Brain 3(1):37–47, 1977
ADOLESCENCE/ *BRAIN DISEASES, complications/ BRAIN INJURIES, ACUTE, complications/ CASE REPORT/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, complications/ CHILD/ DEXAMETHASONE, therapeutic use/ FEMALE/ HEMATOMA, complications/ HUMAN/ MALE/ MANNITOL, therapeutic use/ *PULMONARY EDEMA, etiology/ PULMONARY EDEMA, pathology/ PULMONARY EDEMA, therapy/ RESPIRATION, ARTIFICIAL, methods/ SUBARACHNOID HEMORRHAGE, complications

4922. **Kosorukova NIa:** Fibrinoliz krovi u bol'nykh s razlichnymi formami gemangiomy cheliustno-litsevoĭ oblasti Vestn Akad Med Nauk SSSR (1):59–65, 1977 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ *FACIAL NEOPLASMS, blood/ *FIBRINOLYSIS/ *HEMANGIOMA, blood/ HUMAN/ *JAW NEOPLASMS, blood/ MIDDLE AGE

4923. **Kosow DP:** Purification and activation of human factor X: cooperative effect of Ca++ on the activation reaction. Thromb Res 9(6):565–73, Dec 76
ANIMAL/ BLOOD COAGULATION, drug effects/ *CALCIUM, pharmacodynamics/ *FACTOR X, isolation & purification/ HUMAN/ SNAKE VENOMS

4924. **Kossiakoff AA, Chambers JL, Kay LM, et al:** Structure of bovine trypsinogen at 1.9 A resolution. Biochemistry 16(4):654–64, 22 Feb 77
BINDING SITES/ CATTLE/ FOURIER ANALYSIS/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ MOLECULAR MODELS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ TRYPSIN/ *TRYPSINOGEN/ TRYPSINOGEN, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ X-RAY DIFFRACTION

4925. **Köstler E:** Das Trophödem (Nonne--Milroy--Meige). Karzinombildung als seltene Komplikation Dermatol Monatsschr 162(6):465–77, Jun 76 (107 ref.) (Eng. Abstr.) **(Ger)**
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANTICOAGULANTS, therapeutic use/ *CARCINOMA, EPIDERMOID, complications/ DIMETHYL SULFOXIDE, therapeutic use/ DIURETICS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LYMPHEDEMA/ LYMPHEDEMA, complications/ LYMPHEDEMA, familial & genetic/ PHYSICAL THERAPY/ PREDNISONE, therapeutic use/ REVIEW

4926. **Kostner GM:** ApoB-deficiency (abetalipoproteinaemia): A model for studying the lipoprotein metabolism. pp. 203–39.
In: Rommel K, Bohmer R, ed. Lipid absorption: biochemical and clinical aspects. Baltimore, Univ Park Press, 1976. QU 85 L761 1975.
ABETALIPOPROTEINEMIA, blood/ ABETALIPOPROTEINEMIA, diet therapy/ ABETALIPOPROTEINEMIA, familial & genetic/ *ABETALIPOPROTEINEMIA, metabolism/ ACANTHOCYTES, physiology/ *APOLIPOPROTEINS, metabolism/ CHYLE, metabolism/ GENES, RECESSIVE/ HUMAN/ INTESTINAL ABSORPTION/ LECITHIN

ACYLTRANSFERASE, metabolism/ LIPIDS, blood/ LIPIDS, therapeutic use/ LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, blood/ LIPOPROTEINS, classification/ *LIPOPROTEINS, metabolism/ MODELS, BIOLOGICAL/ MONOGRAPH/ NOMENCLATURE/ RETINITIS PIGMENTOSA, etiology/ STRUCTURE-ACTIVITY RELATIONSHIP

4927. **Kostuk WJ, Boughner DR, Barnett HJ, et al:** Strokes: A complication of mitral-leaflet prolapse? Lancet 2(8033):313-6, 13 Aug 77
ADOLESCENCE/ ADULT/ AGED/ ARRHYTHMIA, complications/ ARRHYTHMIA, etiology/ CEREBRAL ANGIOGRAPHY/ *CEREBROVASCULAR DISORDERS, etiology/ CEREBROVASCULAR DISORDERS, radiography/ FEMALE/ *HEART VALVE DISEASES, complications/ HEART VALVE DISEASES, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE/ PROLAPSE, complications/ PROLAPSE, diagnosis/ THROMBOSIS, complications/ THROMBOSIS, etiology

4928. **Kostyo JL, Mills JB, Reagan CR, et al:** The nature of fragments of human growth hormone produced by plasmin digestion. pp. 33-40.
In: Pecile A, Muller EE, ed. Growth hormone and related peptides. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.381 1975.
ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, metabolism/ AMINO ACIDS, analysis/ ANIMAL/ ELECTROPHORESIS, DISC/ *FIBRINOLYSIN/ GLUCOSE, metabolism/ HUMAN/ MONOGRAPH/ PEPTIDE FRAGMENTS, analysis/ RATS/ *SOMATOTROPIN/ SOMATOTROPIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4929. **Kosztovics A, Bédi J, Egedy S:** Ein durch disseminierte intravaskuläre Koagulation komplizierter Fall des systematischen Pfeiffer-Weber-Christian-Syndroms Klin Wochenschr 55(1):41-2, 1 Jan 77 (Eng. Abstr.) **(Ger)**
ADULT/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PANNICULITIS, NODULAR NONSUPPURATIVE, complications/ PANNICULITIS, NODULAR NONSUPPURATIVE, diagnosis/ PROGNOSIS

4930. **Kotovshchikova MA, Krut' MI, Paradeeva IK, et al:** Metodika issledovaniia svertyvaemosti i fibrinoliza truppnoĭ krovi Lab Delo (8):455-8, 1976 **(Rus)**
BLOOD COAGULATION TESTS, instrumentation/ *BLOOD COAGULATION/ *CADAVER/ *FIBRINOLYSIS/ HUMAN/ METHODS

4931. **Kotschy M:** Fibrindegradationsprodukte (FDP) und fibrinolytische Aktivität des Blutes bei einigen akuten und chronischen Krankheiten Folia Haematol (Leipz) 103(3):425-30, 1976 **(Ger)**
ACUTE DISEASE/ ADULT/ AGED/ AORTIC ANEURYSM, blood/ BLOOD COAGULATION DISORDERS, blood/ CHRONIC DISEASE/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, blood/ GYNECOLOGIC DISEASES, blood/ HUMAN/ LIVER CIRRHOSIS, blood/ MALE/ MIDDLE AGE/ MUSHROOM POISONING, blood/ NEOPLASMS, blood

4932. **Kotsiubinskiĭ NN, Porokhnia NP:** Izmeneniia v svertyvaiushcheĭ sisteme krovi u lits, stradaiushchikh khronicheskim alkogolizmom
Probl Gematol Pereliv Krovi 21(11):43-6, Nov 76 (Eng. Abstr.) **(Rus)**
ADULT/ *ALCOHOLISM, blood/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE

4933. **Kotzé JP, Spies JH:** The effect of ascorbic acid on the activity of lipoprotein lipase in the baboon (Papio ursinus). S Afr Med J 50(43):1760-4, 9 Oct 76
ANIMAL/ *ASCORBIC ACID, pharmacodynamics/ CHROMATOGRAPHY, GEL/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ HEPARIN, pharmacodynamics/ *LIPOPROTEIN LIPASE, analysis/ LIPOPROTEIN LIPASE, blood/ MERCAPTOETHANOL, pharmacodynamics/ MONKEYS/ MYOCARDIUM, enzymology/ PAPIO

4934. **Kounis NG, Evans WH:** Multiple courses of ancrod (Arvin) therapy [letter]. Br Med J 1(6056):290-1, 29 Jan 77
ADULT/ ANTIBODY FORMATION, drug effects/ ARVIN, immunology/ *ARVIN, therapeutic use/ CASE REPORT/ FEMALE/ HUMAN/ HYDROCORTISONE, therapeutic use/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ *THROMBOEMBOLISM, drug therapy

4935. **Koutts J, Stott L, Firkin BG:** Actions of ristocetin on platelets. Am J Hematol 1(3):313-7, 1976
*BLOOD PLATELETS, drug effects/ FACTOR VIII/ PLATELET AGGREGATION/ *RISTOCETIN, pharmacodynamics/ VON WILLEBRAND FACTOR

4936. **Kováčová J, Kubisz P:** Určenie adhezivity krvných doštičiek na sklo modifikovanou metódou podl'a Masona a Gilkeyho Bratisl Lek Listy 66(4):474-9, 1976 (Eng. Abstr.) **(Slo)**
ENGLISH ABSTRACT/ *GLASS/ HUMAN/ METHODS/ *PLATELET ADHESIVENESS/ THROMBOCYTOPATHY, blood/ UREMIA, blood

4937. **Kovalen AP:** Gemokogauliatsiia u bolnykh eutireoidnym zobom i tireotoksikozom. Vrach Delo (6):101-3, Jun 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, blood/ HUMAN/ *HYPERTHYROIDISM, blood/ MALE/ MIDDLE AGE

4938. **Kovaleva GG, Isupova MP, Lysogorskaia EN, et al:** Poluchenie ochishchennogo aspergillopepsina A Biokhimiia 42(3):534-9, Mar 77 (Eng. Abstr.) **(Rus)**
*ASPERGILLUS, enzymology/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ ELECTROPHORESIS, DISC/ ENGLISH ABSTRACT/ METHODS/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification

4939. **Kovrizhko NM, Iakimova LN, Kil'chevskiĭ GS:** Kliniko-morfologicheskie proiavleniia narusheniĭ krovoobrashcheniia v bryzheechnykh sosudakh Khirurgiia (Mosk) (5):26-30, May 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ ANIMAL/ AUTOPSY/ *CARDIOVASCULAR DISEASES, pathology/ DOGS/ ENGLISH ABSTRACT/ GANGRENE/ HUMAN/ INTESTINES, blood supply/ *MESENTERIC ARTERIES, pathology/ *MESENTERIC VEINS, pathology/ MIDDLE AGE/ THROMBOSIS, pathology

4940. **Kowalczyńska HM:** Dynamic adhesion of erythrocytes to glass. Comparative study of the influence of serum in low concentrations. Arch Immunol Ther Exp (Warsz) 25(3):397-408, 1977
ANIMAL/ BLOOD VISCOSITY/ BLOOD/ CELL ADHESION/ COMPARATIVE STUDY/ *ERYTHROCYTE MEMBRANE, physiology/ *ERYTHROCYTES, physiology/ GLASS/ KINETICS/ MEMBRANE PROTEINS/ RATS/ TIME

4941. **Kowalska-Loth B, Zieleński J, Toczko K, et al:** Similarity in active site arrangement of neutral protease from calf thymus chromatin and trypsin. Acta Biochim Pol 23(2-3):139-44, 1976
BINDING SITES/ CATTLE/ CHEMISTRY/ *CHROMATIN, enzymology/ COMPARATIVE STUDY/ HISTONES, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ *THYMUS GLAND, enzymology/ TRYPSIN INHIBITORS,

pharmacodynamics/ *TRYPSIN, metabolism

4942. **Kowalska-Loth B, Burdzyński T, Toczko K, et al:** The presence of serine protease in pea embryo chromatin. Acta Biochim Pol 23(4):369–74, 1976
CHROMATIN, enzymology/ ELECTROPHORESIS/ HISTONES, metabolism/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *SEEDS, enzymology/ SERINE

4943. **Kowit JD, Choy WN, Champe SP, et al:** Role and location of 'protease I' from Escherichia coli. J Bacteriol 128(3):776–84, Dec 76
BACTERIAL PROTEINS, metabolism/ CASEIN, metabolism/ CELL MEMBRANE, enzymology/ CHYMOTRYPSIN, metabolism/ CYTOPLASM, enzymology/ *ESCHERICHIA COLI, enzymology/ NITROGEN, metabolism/ *PEPTIDE HYDROLASES, metabolism/ PHENYLALANINE, metabolism/ SUBCELLULAR FRACTIONS, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4944. **Kozdoba OA, Petrov II:** Opyt provedeniia chreskozhnoĭ biopsii pochek v kardiologicheskoĭ klinike Kardiologiia 16(11):143–6, Nov 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ BIOPSY, NEEDLE, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, etiology/ HEMATURIA, etiology/ HUMAN/ *HYPERTENSION, RENAL, diagnosis/ HYPOTENSION, etiology/ MALE/ MIDDLE AGE

4945. **Kozin F, Ginsberg M, Karasek V, et al:** Protein binding to monosodium urate crystals and its effect on platelet degranulation. Adv Exp Med Biol 768:201–8, 1977
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CRYSTALLIZATION/ HUMAN/ IMMUNOGLOBULINS, metabolism/ IN VITRO/ MEMBRANES, drug effects/ *PROTEIN BINDING/ SEROTONIN, blood/ *URIC ACID, metabolism/ URIC ACID, pharmacodynamics

4946. **Kozinets GI, Zodelava MM, Borzova LV, et al:** Issledovanie elektroforeticheskoĭ podvizhnosti trombotsitov pri ostrom leĭkoze Lab Delo (2):74–6, 1977 (Eng. Abstr.) **(Rus)**
*BLOOD PLATELETS, physiology/ CELL MOVEMENT/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, blood/ *LEUKEMIA, MYELOBLASTIC, blood/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION

4947. **Kraag G, Thevathasan EM, Gordon DA, et al:** The hemorrhagic crescent sign of acute synovial rupture [letter]. Ann Intern Med 85(4):477–8, Oct 76
ARTHRITIS, RHEUMATOID, complications/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMORRHAGE/ HUMAN/ MALE/ MIDDLE AGE/ RUPTURE, SPONTANEOUS/ *SYNOVIAL CYST, diagnosis/ SYNOVIAL CYST, etiology/ THROMBOPHLEBITIS, diagnosis

4948. **Kraas E, Stockmann U, Traube L, et al:** Klinische Erfahrungen mit der autologen Bluttransfusion in der Gefässchirurgie Chirurg 47(12):662–9, Dec 76 (Eng. Abstr.) **(Ger)**
BLOOD BANKS/ BLOOD COAGULATION/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, AUTOLOGOUS, methods/ ENGLISH ABSTRACT/ HEMATOCRIT/ HEMOGLOBINS, analysis/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS, blood/ *VASCULAR SURGERY, methods

4949. **Kradjan WA:** A pharmacist's experience in a teaching program for patients on anticoagulant medication. Hosp Pharm 11(7):257–8, 262–4, 270, Jul 76
*ANTICOAGULANTS/ ANTICOAGULANTS, adverse effects/ FOLLOW-UP STUDIES/ HOSPITAL PHARMACY SERVICE/ HUMAN/ *PATIENTS, education/ *PHARMACISTS/ WASHINGTON

4950. **Kraehenbuhl JP, Racine L, Galardy RE:** Use of a heme octapeptide as an electron microscope tracer. pp. 71–81. In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.
ANIMAL/ CATTLE/ CYTOCHROME C/ ENDOPLASMIC RETICULUM, immunology/ GOLGI APPARATUS, immunology/ HEME/ *IGA, analysis/ *IGA, SECRETORY, analysis/ *IMMUNOENZYME TECHNICS/ IMMUNOGLOBULINS, FAB, analysis/ MAMMAE, immunology/ MAMMAE, ultrastructure/ *MICROSCOPY, ELECTRON, methods/ MONOGRAPH/ *OLIGOPEPTIDES/ PANCREAS, cytology/ PANCREAS, enzymology/ PANCREAS, ultrastructure/ PEPTIDE FRAGMENTS/ PEPTIDE HYDROLASES, analysis/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4951. **Kraehenbuhl JP, Racine L, Jamieson JD:** Immunocytochemical localization of secretory proteins in bovine pancreatic exocrine cells. J Cell Biol 72(2):406–23, Feb 77
ANIMAL/ *CARBOXYPEPTIDASES, analysis/ CATTLE/ *CHYMOTRYPSINOGEN, analysis/ CYTOPLASMIC GRANULES, enzymology/ *DEOXYRIBONUCLEASE, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GOLGI APPARATUS, enzymology/ *PANCREAS, enzymology/ PANCREAS, ultrastructure/ *RIBONUCLEASE, analysis/ *TRYPSINOGEN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4952. **Kraemer KH, Weinstein GD:** Decreased thymidine incorporation in circulating leukocytes after treatment of psoriasis with psoralen and long-wave ultraviolet light. J Invest Dermatol 69(2):211–4, Aug 77
*COUMARINS, therapeutic use/ DNA, biosynthesis/ *FICUSIN, therapeutic use/ HUMAN/ *LEUKOCYTES, metabolism/ PSORIASIS, blood/ *PSORIASIS, therapy/ *THYMIDINE, metabolism/ *ULTRAVIOLET THERAPY

4953. **Kraj M, Cieśluk S:** Perspektywy terapeutyczne w neiktórych zespołach niedoborów immunologicznych i innych stanach chorobowych z zaburzeniami odporności Acta Haematol Pol 7(4):327–35, OCT-DEC 76 (63 ref.) **(Pol)**
ADOLESCENCE/ AGAMMAGLOBULINEMIA, therapy/ ALDRICH SYNDROME, therapy/ BONE MARROW CELLS, transplantation/ HUMAN/ IMMUNITY, CELLULAR, drug effects/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, therapy/ INFANT/ REVIEW/ THYMUS EXTRACTS, therapeutic use/ THYMUS GLAND, transplantation/ TRANSFER FACTOR, pharmacodynamics/ *TRANSFER FACTOR, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS

4954. **Kraja JB, Wray W:** Bandign isolated metaphase chromosomes by a sequential flurescent G/Q technique. Histochemistry 51(2–3):103–11, 4 Mar 77
ANIMAL/ AZURE STAINS/ CELL FRACTIONATION/ *CHROMOSOMES, analysis/ FLUORESCENT DYES/ HAMSTERS/ MITOSIS/ QUINACRINE/ STAINS AND STAINING/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4955. **Krajewska W, Wierzbicki R, Klyszejko-Stefanowicz L:** Activity of neutral chromatin protease during maturation of chicken erythroid cells. Biochimie 58(10):1281–4, 1976
ANIMAL/ CHICKENS/ *CHROMATIN, enzymology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ERYTHROBLASTS, enzymology/ *ERYTHROCYTES, enzymology/ HISTONES, blood/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *PEPTIDE HYDROLASES, blood/ *RETICULOCYTES, enzymology

4956. **Krajewska W, Lipińska A, Kiliańska Z, et al:** Activity of chromatin-bound protease from rat liver and Morris hepatomas. Acta Biochim Pol 24(2):127–32, 1977
ANIMAL/ CELL DIFFERENTIATION/ CELL LINE/ CHROMATIN, enzymology/ *HEPATOMA, enzymology/ HISTONES, metabolism/ *LIVER NEOPLASMS, enzymology/ *LIVER, enzymology/ NEOPLASMS,

EXPERIMENTAL, enzymology/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN BINDING/ RATS

4957. **Krajewski S, Michalak T:** Badania immunomorfologiczne splotów naczyniówkowych u ludzi. Neuropatol Pol 15(2):277–90, Apr–May 77 (Eng. Abstr.) **(Pol)**
AGED/ CHILD/ CHILD, PRESCHOOL/ CHOROID PLEXUS, analysis/ CHOROID PLEXUS, immunology/ *CHOROID PLEXUS, pathology/ COMPLEMENT 3, analysis/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN, analysis/ HUMAN/ IGA, analysis/ IGM, analysis/ *IMMUNOGLOBULINS, analysis/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE

4958. **Krajka K, Młodkowska A:** Zakrzepica naczyń żylnych krezki Pol Przegl Chir 48(12):1517–20, Dec 76 (Eng. Abstr.) **(Pol)**
AGED/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *MESENTERIC VEINS/ MIDDLE AGE/ *THROMBOSIS, surgery

4959. **Krajnovic P:** Die Wirkung eines Benzopyronpräparates bei Phlebopathien in der Schwangerschaft Med Monatsschr 31(2):86–8, Feb 77 **(Ger)**
*COUMARINS, therapeutic use/ DRUG COMBINATIONS/ FEMALE/ HUMAN/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ PREGNANCY/ *RUTIN, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ *VARICOSE VEINS, drug therapy

4960. **Krajnovic P:** Beeinflussung infantiler Blutparameter in der Stillperiode durch die Kombination von Cumarin and Troxerutin. Arzneim Forsch 27(7):1499–500, Jul 77 (Eng. Abstr.) **(Ger)**
BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ *COUMARINS, pharmacodynamics/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ FEMALE/ HEMOGLOBINS, metabolism/ HUMAN/ *HYDROXYETHYLRUTOSIDE, analogs & derivatives/ HYDROXYETHYLRUTOSIDE, pharmacodynamics/ INFANT, NEWBORN/ *LACTATION/ *RUTIN, analogs & derivatives

4961. **Krakovskiĭ NI, Kolesnikova RS:** Itogi diskussii po problems lecheniia khronicheskoĭ venoznoĭ nedostatochnosti, voznikshetĭ v rezul'tate tromboza ven taza i glubokikh ven konechnosteĭ Sov Med (3):57–62, Mar 76 **(Rus)**
CHRONIC DISEASE/ HUMAN/ *LEG, blood supply/ *PELVIS, blood supply/ *THROMBOPHLEBITIS, complications/ VENOUS INSUFFICIENCY, etiology/ *VENOUS INSUFFICIENCY, surgery

4962. **Králík J, Havelka J:** Plikation der unteren Hohlvene wegen rezidivierender Lungenembolien nach der Ligatur Zentralbl Chir 102(1):61–3, 1977 **(Ger)**
CASE REPORT/ COLLATERAL CIRCULATION/ FEMALE/ HUMAN/ LIGATION/ MIDDLE AGE/ *PULMONARY EMBOLISM, prevention & control/ *VENA CAVA, INFERIOR, surgery

4963. **Kramer W, Müller-Berghaus G:** Effect of platelet antiserum on the activation of intravascular coagulation by endotoxin. Thromb Res 10(1):47–70, Jan 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, immunology/ *BLOOD PLATELETS, physiopathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ENDOTOXINS/ FEMALE/ HEPARIN, pharmacodynamics/ IMMUNE SERUMS/ KIDNEY, blood supply/ KIDNEY, pathology/ MALE/ RABBITS/ SALMONELLA ENTERITIDIS/ SHWARTZMAN PHENOMENON, blood

4964. **Kramlová M, Přistoupil TI, Ulrych S, et al:** Stroma-free haemoglobin solution for infusion: changes during storage. Haematologia (Budap) 10(3–4):365–71, 1976
ASCORBIC ACID/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION, standards/ CELL MEMBRANE/ EDTA/ GLUTATHIONE/ *HEMOGLOBINS/ HUMAN/ NITROGEN/ TEMPERATURE

4965. **Krantz S, Lober M:** Übersicht Angeborene und erworbene Varianten des Plasmafibrinogens Folia Haematol (Leipz) 103(6):793–806, 1976 (89 ref.) (Eng. Abstr.) **(Ger)**
BLOOD COAGULATION DISORDERS, etiology/ COBALT, pharmacodynamics/ ENGLISH ABSTRACT/ FETAL BLOOD/ *FIBRINOGEN/ HEPATITIS, metabolism/ LIVER NEOPLASMS, metabolism/ REVIEW/ VARIATION (GENETICS)

4966. **Krantz S, Lober M:** Übersicht: Hämorrhagische Diathese als Folge einer akuten Einwirkung von ionisierenden Strahlen. Folia Haematol (Leipz) 104(1):1–10, 1977 (99 ref.) (Eng. Abstr.) **(Ger)**
BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ GAMMA RAYS/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ REVIEW/ X-RAYS

4967. **Krarup JC:** Atypical rubeosis iridis in congenital cyanotic heart disease. Report of a case with microhaemangiomas at the pupillary margin causing spontaneous hyphaemas. Acta Ophthalmol (Kbh) 55(4):581–5, Aug 77
ADULT/ CASE REPORT/ *CYANOSIS, congenital/ CYANOSIS, complications/ FEMALE/ *HEART DEFECTS, CONGENITAL, complications/ *HEMANGIOMA, complications/ HEMANGIOMA, etiology/ HUMAN/ *HYPHEMA, etiology/ *IRIS, blood supply/ MICROCIRCULATION/ UVEAL DISEASES, complications

4968. **Krasnoperova KE, Mel'nikova LA, Mukhamedova MI, et al:** Klinicheskoe znachenie gemopepsinogena, tolerantnosti k geparinu i differentsirovki limfotsitov pri pnevmonii u deteĭ Pediatriia (10):9–14, 1976 **(Rus)**
ADOLESCENCE/ CELL DIFFERENTIATION/ CHILD/ CHILD, PRESCHOOL/ *HEPARIN, blood/ HUMAN/ INFANT/ LEUKOCYTE COUNT/ *PEPSINOGEN, blood/ *PNEUMONIA/ PNEUMONIA, blood/ PNEUMONIA, immunology/ *T-LYMPHOCYTES, pathology

4969. **Krasnov MM, Dimitrova VG, Pereverzina OK, et al:** Lazeroterapiia tromboza ven setchatki Vestn Oftalmol (3):27–32, May–Jun 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *LASER COAGULATION/ MALE/ MIDDLE AGE/ *RETINAL VEIN, surgery/ *THROMBOSIS, surgery

4970. **Krasnov MM, Pereverzina OK, Eliseeva EG, et al:** Fliuorestsentnaia angiografiia pri lazeroterapii trombozov ven setchatki Vestn Oftalmol (5):56–60, Sep–Oct 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FLUORESCENCE ANGIOGRAPHY/ HUMAN/ *LASER COAGULATION/ MIDDLE AGE/ *RETINAL VESSELS, surgery/ THROMBOSIS, radiography/ *THROMBOSIS, surgery

4971. **Kratz F:** Coumarin-7-hydroxylase activity in microsomes from needle biopsies of normal and diseased human liver. Eur J Clin Pharmacol 10(2):133–7, 15 Jun 76
ACUTE DISEASE/ ADULT/ AGED/ BIOPSY, NEEDLE/ CHRONIC DISEASE/ COMPARATIVE STUDY/ COUMARINS, metabolism/ FATTY LIVER, enzymology/ HEPATITIS, enzymology/ HEPATITIS, TOXIC, enzymology/ HUMAN/ *HYDROXYLASES, metabolism/ IN VITRO/ LIVER CIRRHOSIS, enzymology/ *LIVER DISEASES, enzymology/ *MICROSOMES, LIVER, enzymology/ MIDDLE AGE

4972. **Kraus E, Femfert U:** Proteinase K from the mold Tritirachium album Limber. Specificity and mode of action. Hoppe Seylers Z Physiol Chem 357(7):937–47, Jul 76
ANILIDES, metabolism/ BINDING SITES/ CARBOXYLIC ACIDS, metabolism/ *DEUTEROMYCETES, enzymology/ KINETICS/ MODELS, BIOLOGICAL/ *PEPTIDE HYDROLASES, metabolism/ PHENYLACETATES, metabolism

4973. **Krause JR, Amores R:** Massive intraperitoneal hemorrhage

from ruptured corpus luteum during anticoagulant therapy. South Med J 69(9):1220–1, Sep 76
CASE REPORT/ *CORPUS LUTEUM/ FEMALE/ HEMATURIA, complications/ *HEMOPERITONEUM, etiology/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ OVARIAN DISEASES, chemically induced/ *OVARIAN DISEASES, complications/ RUPTURE, SPONTANEOUS, complications/ THROMBOPHLEBITIS, drug therapy/ *WARFARIN, adverse effects/ WARFARIN, therapeutic use

4974. **Krause JR:** Acquired factor X deficiency and amyloidosis. Am J Clin Pathol 67(2):170–3, Feb 77
*AMYLOIDOSIS, complications/ CASE REPORT/ *FACTOR X DEFICIENCY, complications/ FEMALE/ HUMAN/ *HYPOPROTHROMBINEMIAS, complications/ MIDDLE AGE

4975. **Krause KH:** Thrombozytenwerte bei Erwachsenen unter Behandlung mit DPA (Ergenyl). Med Welt 28(24):1098–9, 17 Jun 77 **(Ger)**
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, drug effects/ *DIPROPYL ACETATE, adverse effects/ DIPROPYL ACETATE, therapeutic use/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EPILEPSY, drug therapy/ HUMAN/ MIDDLE AGE/ THROMBOPENIA, chemically induced/ *VALERATES, adverse effects

4976. **Krause WH, Heene DL, Lasch HG, et al:** Kongenitale Dysfibrinogenämie: Fibrinogen Giessen II. Verh Dtsch Ges Inn Med 82 Pt 2:1646–9, 1976 **(Ger)**
BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, congenital/ *FIBRINOGEN, analysis/ HUMAN/ IMMUNOELECTROPHORESIS

4977. **Krausz Y, Appelbaum A, Halon DA, et al:** Thrombosis on Björk–Shiley aortic valve prosthesis. A case report and review of the literature. Isr J Med Sci 13(4):410–3, Apr 77
ADULT/ ANTICOAGULANTS, administration & dosage/ AORTIC VALVE STENOSIS, surgery/ *AORTIC VALVE/ CASE REPORT/ CORONARY DISEASE, diagnosis/ *HEART VALVE PROSTHESIS, instrumentation/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, surgery/ PROTHROMBIN TIME/ *THROMBOSIS, diagnosis/ THROMBOSIS, surgery

4978. **Kraut J:** Serine proteases: structure and mechanism of catalysis. Annu Rev Biochem 46:331–58, 1977 (135 ref.)
AMINO ACID SEQUENCE/ BINDING SITES/ DRUG STABILITY/ KINETICS/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES/ PROTEIN BINDING/ REVIEW/ SERINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBTILISINS, metabolism/ TRYPSIN, metabolism

4979. **Kravchenko LF, Topchienko VS:** Sostoianie gemokoaguliatsii i pronitsaemosti krovenosnykh kapilliarov u bol'nykh rakom legkogo Ter Arkh 40(2):84–7, 1976 (Eng. Abstr.) **(Rus)**
ADULT/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ *CAPILLARY PERMEABILITY/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ LUNG NEOPLASMS, blood/ *LUNG NEOPLASMS, physiopathology/ MALE/ MIDDLE AGE

4980. **Kravchenko LS, Grinberg GE, Sokolov VN, et al:** Deistvie terrilitina na plazmaticheskie membrany v kletkakh pecheni Veterinariia (9):79–81, 1976 **(Rus)**
ANIMAL/ *ASPERGILLUS, enzymology/ CELL MEMBRANE, analysis/ *CELL MEMBRANE, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *LIVER, ultrastructure/ *PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS

4981. **Kravchenko LS, Oksman AIa, Tereshin IM:** Izuchenie vozdeistviia nistatina na iadernye proteazy pochek sobak, vyzyvaiushchie degradatsiiu kislotorastvorimykh belkov khromatina Biokhimiia 42(4):687–92, Apr 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *CELL NUCLEUS, enzymology/ CHROMATIN, metabolism/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ HISTONES, metabolism/ *KIDNEY, enzymology/ MEMBRANES, enzymology/ *NUCLEOPROTEINS, metabolism/ *NYSTATIN, pharmacodynamics/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ TRITONS, pharmacodynamics

4982. **Kravetskaia TP, Krutiakov VM, Sverdlov AG:** Vklad sorbtsii protektora na aktivnom tsentre v zashchitu fermenta ot gamma-izlucheniia Radiobiologiia 16(2):200–4, Mar–Apr 76 (Eng. Abstr.) **(Rus)**
BINDING SITES/ ENGLISH ABSTRACT/ GAMMA RAYS/ *METHOXYTRYPTAMINE/ RADIOCHEMISTRY/ *TRYPSIN/ *TRYPTAMINES

4983. **Kravis TC, Henson PM:** Accumulation of platelets at sites of antigen-antibody-mediated injury: a possible role for IgE antibody and mast cells. J Immunol 118(5):1569–73, May 77
ANIMAL/ ANTI-ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ *ARTHUS PHENOMENON, immunology/ *BLOOD PLATELETS, immunology/ CELL MOVEMENT/ COMPLEMENT/ *IGE/ IGG/ *MAST CELLS, immunology/ NEUTROPHILS, immunology/ RABBITS/ SERUM ALBUMIN, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4984. **Krayenbühl HA:** Angiographic contribution to the problem of enlargement of cerebral arteriovenous malformations. Acta Neurochir (Wien) 36(3–4):215–42, 1977
ADULT/ CASE REPORT/ *CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, complications/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, pathology/ *CEREBRAL ARTERIOVENOUS MALFORMATIONS, radiography/ CEREBRAL HEMORRHAGE, etiology/ CHILD/ DILATATION, PATHOLOGIC/ FEMALE/ HEMATOMA, etiology/ HUMAN/ MALE/ TIME FACTORS

4985. **Kraytman M, Kutnowski M, Ansay J, et al:** Prophylaxie par l'héparine sous-cutanée à faibles doses des thromboses veineuses postopératoires Acta Chir Belg 75(5):519–29, Sep 76 (Eng. Abstr.) **(Fre)**
AGED/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

4986. **Krellenstein DJ, Bryan-Brown CW, Fayemi AO, et al:** Extracorporeal membrane oxygenation for massive pulmonary thromboembolism. Ann Thorac Surg 23(5):421–8, May 77
ANIMAL/ *CARDIOPULMONARY BYPASS/ DOGS/ HEMODYNAMICS/ *PULMONARY EMBOLISM, therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

4987. **Kremski VC, Varani L, DeSaive C, et al:** Crypt cell isolation in the small intestine of the mouse. J Histochem Cytochem 25(7):554–9, Jul 77
ANIMAL/ CELL COUNT/ *CELL SEPARATION, methods/ CELL SURVIVAL/ *INTESTINAL MUCOSA, cytology/ INTESTINE, SMALL, cytology/ MICE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

4988. **Kretsinger RH:** Evolution and function of calcium-binding proteins. Int Rev Cytol 46:323–93, 1976 (313 ref.)
ADENOSINE TRIPHOSPHATASE, metabolism/ AEQUORIN, metabolism/ ANIMAL/ BINDING SITES/ BRAIN, metabolism/ *CALCIUM, metabolism/ *CARRIER PROTEINS/ CARRIER PROTEINS, metabolism/ ENDONUCLEASES,

metabolism/ ENZYME PRECURSORS, metabolism/ ESTERASES, metabolism/ EVOLUTION/ GLYCOPROTEINS, metabolism/ GLYCOSIDE HYDROLASES, metabolism/ LIPOPROTEINS, metabolism/ LUCIFERIN, metabolism/ MYOSIN, metabolism/ OXIDOREDUCTASES, metabolism/ PARVALBUMINS, metabolism/ PEPTIDE HYDROLASES, metabolism/ PHOSPHODIESTERASES, metabolism/ PHOSPHOTRANSFERASES, ATP, metabolism/ PROTEIN CONFORMATION/ REVIEW/ TROPONIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRAL PROTEINS, metabolism/ VITAMIN D, pharmacodynamics

4989. **Krieger AJ:** Hemangioma of fifth cervical vertebra with intermittent spinal cord dysfunction. South Med J 70(8):1008–10, Aug 77
ADULT/ CASE REPORT/ *CERVICAL VERTEBRAE/ CERVICAL VERTEBRAE, radiography/ *HEMANGIOMA, complications/ HEMANGIOMA, radiography/ HUMAN/ MALE/ *NERVE COMPRESSION SYNDROMES, etiology/ PARALYSIS, etiology/ REMISSION/ SPINAL CORD, radiography/ *SPINAL NEOPLASMS, complications/ SPINAL NEOPLASMS, radiography/ *SPINAL NERVE ROOTS

4990. **Krieger JN, Hilgartner MW, Redo SF:** Surgery in patients with congenital disorders of blood coagulation. Ann Surg 185(3):290–4, Mar 77
ADOLESCENCE/ ADULT/ AFIBRINOGENEMIA, congenital/ AGED/ *BLOOD COAGULATION DISORDERS, congenital/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE, congenital/ FACTOR V DEFICIENCY, congenital/ FACTOR X DEFICIENCY, congenital/ FACTOR XI DEFICIENCY, congenital/ HEMATOMA, surgery/ HEMOPHILIA, therapy/ HEMORRHAGE, surgery/ HEMOSTASIS, SURGICAL/ HUMAN/ HYPOPROTHROMBINEMIAS, congenital/ INFANT/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, surgery/ *SURGERY, OPERATIVE

4991. **Kriessmann A, Theiss W, Lutilsky L, et al:** Fibrinolytische Therapie bei tiefen Venenthrombosen der oberen und unteren Extremität Fortschr Med 95(13):858–66, 7 Apr 77 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ FEMORAL VEIN/ FIBRINOLYSIS, drug effects/ HUMAN/ ILIAC VEIN/ MALE/ MIDDLE AGE/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ POPLITEAL VEIN/ *STREPTOKINASE, therapeutic use/ SUBCLAVIAN VEIN/ *THROMBOPHLEBITIS, drug therapy/ *UROKINASE, therapeutic use

4992. **Kriessmann A, Rupp N:** Natürlicher Verlauf der venösen Drainage-Insuffizienz bei Becken-und tiefer Beinvenenthrombose Vasa 6(2):124–7, 1977 (Eng. Abstr.) **(Ger)**
BLOOD PRESSURE/ ENGLISH ABSTRACT/ FEMORAL VEIN/ HUMAN/ ILIAC VEIN/ *LEG, blood supply/ *PELVIS, blood supply/ PROGNOSIS/ *THROMBOPHLEBITIS, diagnosis/ *VENOUS INSUFFICIENCY, diagnosis

4993. **Kripke BJ, Talarico L, Shah NK, et al:** Hematologic reaction to prolonged exposure to nitrous oxide. Anesthesiology 47(4):342–8, Oct 77
ANIMAL/ BLOOD PLATELETS, drug effects/ BONE MARROW CELLS, ultrastructure/ *BONE MARROW, drug effects/ CYTOPLASM, drug effects/ GRANULOCYTES, drug effects/ LEUKOCYTES, drug effects/ LYMPHOCYTES, drug effects/ MALE/ *NITROUS OXIDE, adverse effects/ RATS/ RATS, INBRED LEW/ RETICULOCYTES, drug effects

4994. **Krishnamurthy M, Miotti AB:** Von Willebrand's disease and pregnancy. Obstet Gynecol 49(2):244–7, Feb 77
ADULT/ ANTIGENS/ BLOOD COAGULATION TESTS/ CASE REPORT/ CESAREAN SECTION/ FACTOR VIII, metabolism/ FEMALE/ HUMAN/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ PREGNANCY/ VON WILLEBRAND'S DISEASE, blood/ *VON WILLEBRAND'S DISEASE, therapy

4995. **Krishnamurthy M, Lee CK, Dosik H:** Infectious mononucleosis and severe thrombocytopenia. Am J Med Sci 272(2):221–4, Sep–Oct 76
ANTIBODIES/ BLOOD PLATELETS, immunology/ CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFECTIOUS MONONUCLEOSIS, blood/ *INFECTIOUS MONONUCLEOSIS, complications/ *THROMBOPENIA, etiology/ THROMBOPENIA, immunology

4996. **Krishnaswamy K, Rao SB:** Failure to produce atherosclerosis in Macaca radiata on a high-methionine, high-fat, pyridoxine-deficient diet. Atherosclerosis 27(3):253–8, Jul 77
ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL/ AORTA, metabolism/ *ARTERIOSCLEROSIS, etiology/ ASPARTATE AMINOTRANSFERASE, metabolism/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, metabolism/ DIET, ATHEROGENIC/ DIETARY FATS, metabolism/ HEMOGLOBIN A, metabolism/ LIPIDS, blood/ LIPIDS, metabolism/ LIVER, enzymology/ MACACA RADIATA/ MALE/ METHIONINE, metabolism/ PYRIDOXINE DEFICIENCY, complications/ *PYRIDOXINE DEFICIENCY, metabolism/ PYRIDOXINE, metabolism

4997. **Kristensen JK, Hancke S, Jensen F:** Abdominal ultralyddiagnostik Lakartidningen 74(6):428–30, 9 Feb 77 (Eng. Abstr.) **(Dan)**
ADRENAL GLAND DISEASES, diagnosis/ ENGLISH ABSTRACT/ GALLBLADDER DISEASES, diagnosis/ HEMATOMA, diagnosis/ HUMAN/ KIDNEY DISEASES, diagnosis/ LIVER DISEASES, diagnosis/ PANCREATIC DISEASES, diagnosis/ PUNCTURES/ SPLENIC DISEASES, diagnosis/ *ULTRASONICS, diagnostic use

4998. **Kritchevsky D, Davidson LM, Kim HK, et al:** Influence of semipurified diets on atherosclerosis in African green monkeys. Exp Mol Pathol 26(1):28–51, Feb 77
ANIMAL/ AORTA, metabolism/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, metabolism/ BILE, metabolism/ CERCOPITHECUS PYGERYTHRUS/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ *DIET, ATHEROGENIC/ *DIETARY CARBOHYDRATES, adverse effects/ DIETARY CARBOHYDRATES, metabolism/ FECES, analysis/ FEMALE/ FRUCTOSE, metabolism/ GLUCOSE, metabolism/ LIPIDS, blood/ LIPIDS, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ MONKEYS/ STAINS AND STAINING/ SUCROSE, metabolism/ TRIGLYCERIDES, metabolism

4999. **Kritchevsky D, Tepper SA, Williams DE, et al:** Experimental atherosclerosis in rabbits fed cholesterol-free diets. Part 7. Interaction of animal or vegetable protein with fiber. Atherosclerosis 26(4):397–403, Apr 77
ALFALFA, adverse effects/ ANIMAL/ AORTA, analysis/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, metabolism/ ATHEROSCLEROSIS, pathology/ BODY WEIGHT/ CASEIN, adverse effects/ *CELLULOSE, adverse effects/ CHOLESTEROL, analysis/ CHOLESTEROL, blood/ *DIET, ATHEROGENIC/ *DIETARY FIBER, adverse effects/ *DIETARY PROTEINS, adverse effects/ LIVER, metabolism/ MALE/ ORGAN WEIGHT/ RABBITS/ SOY BEANS, adverse effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VEGETABLE PROTEINS, adverse effects/ WHEAT, adverse effects

5000. **Kritchevsky D, Tepper SA:** Cholesterol vehicle in experimental atherosclerosis. Part 15. Randomized butter and randomized lard. Atherosclerosis 27(3):339–45, Jul 77

ANIMAL/ AORTA, pathology/ AORTA, THORACIC, pathology/ *ARTERIOSCLEROSIS, chemically induced/ ATHEROSCLEROSIS, blood/ *ATHEROSCLEROSIS, chemically induced/ ATHEROSCLEROSIS, pathology/ BODY WEIGHT/ BUTTER/ CHOLESTEROL, blood/ *CHOLESTEROL, DIETARY/ COMPARATIVE STUDY/ DIET, ATHEROGENIC/ DIETARY FATS/ LIVER, analysis/ LIVER, pathology/ MALE/ ORGAN WEIGHT/ RABBITS/ TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5001. **Kritsikis N, Courvoisier E, Manouar ME:** Arthroplasties du genou Notre expérience à propos de 22 cas Schweiz Med Wochenschr 107(19):666–74, 14 May 77 (Eng. Abstr.) **(Fre)**
AGED/ *ARTHROPLASTY, methods/ DISLOCATIONS, etiology/ ENGLISH ABSTRACT/ FEMALE/ GAIT/ HEMARTHROSIS, etiology/ HUMAN/ *KNEE JOINT/ KNEE JOINT, physiology/ MALE/ MIDDLE AGE/ OSTEOARTHRITIS, surgery/ PATELLA/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ RHEUMATISM, surgery

5002. **Kriuchok AG:** Fibrinoliz pri ostrom pankreatite i vliianie na nego medikamentoznykh sredstv Klin Khir (5):75–6, May 76 **(Rus)**
ACUTE DISEASE/ ANIMAL/ DOGS/ *FIBRINOLYSIS, drug effects/ *PANCREATITIS, blood/ PANCREATITIS, drug therapy

5003. **Kriuchok AG, Chumakov VN, Smelianskaia GN:** Vliianie konservativnoĭ terapii na aktivnost' fermentov i bioenergeticheskie protsessy v pecheni pri ostrom eksperimental'nom pankreatite Patol Fiziol Eksp Ter (6):29–34, Nov–Dec 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ANIMAL/ DOGS/ ENGLISH ABSTRACT/ *LIPASE, metabolism/ *MITOCHONDRIA, LIVER, metabolism/ OXIDATIVE PHOSPHORYLATION/ *PANCREATITIS, drug therapy/ PANCREATITIS, metabolism/ *PHOSPHOLIPASE, metabolism/ *TRYPSIN, metabolism

5004. **Krivobok BI:** Gemangioma kosteĭ nosa Vestn Otorinolaringol (2):96–7, Mar–Apr 77 **(Rus)**
*BONE NEOPLASMS, diagnosis/ CASE REPORT/ *HEMANGIOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ NASAL BONE/ *NOSE NEOPLASMS, diagnosis

5005. **Krizsa F, Cserháti I:** Erythropoietin level and thrombocytopoiesis in mice. Acta Haematol (Basel) 56(4):221–4, 1976
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ BLOOD TRANSFUSION/ ERYTHROCYTES/ ERYTHROPOIETIN, blood/ *ERYTHROPOIETIN, pharmacodynamics/ *HEMATOPOIESIS, drug effects/ MEGAKARYOCYTES, drug effects/ MICE/ SELENOMETHIONINE, blood/ TESTOSTERONE, pharmacodynamics/ TIME FACTORS

5006. **Krizsa F, Varga G, Arokszállási E, et al:** Postsplenectomy thrombocytosis in the mouse: changes in the size of thrombocytes. Haematologia (Budap) 10(3–4):339–42, 1976
ANIMAL/ *BLOOD PLATELETS, cytology/ MALE/ MICE/ SPLEEN, physiology/ *SPLENECTOMY, adverse effects/ *THROMBOCYTOSIS, etiology

5007. **Krizsa F, Kelemen E, Cserhati I, et al:** Specific thrombopoietic inhibition by syngeneic platelet homogenates. Biomedicine [Express] 27(4):145–8, Jun 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ CELL COUNT/ INJECTIONS, INTRAVENOUS/ MALE/ MEGAKARYOCYTES/ MICE/ MICE, INBRED CBA/ MICE, INBRED STRAINS/ SELENOMETHIONINE, metabolism/ THROMBOPENIA, blood/ *THROMBOPENIA, etiology/ THROMBOPENIA, pathology/ TRANSPLANTATION, ISOGENEIC

5008. **Krizsa F, Cserháti I, Halász N, et al:** Incorporation of H3-leucine in the mouse kidney in thrombocytopenia. Attempt to demonstrate thrombopoietin production. Acta Haematol (Basel) 58(3):134–7, 1977
ANIMAL/ BLOOD PLATELETS, immunology/ *GLYCOPROTEINS, biosynthesis/ *KIDNEY, metabolism/ *LEUCINE, metabolism/ LIVER, metabolism/ MALE/ MICE/ THROMBOPENIA, etiology/ *THROMBOPENIA, metabolism/ *THROMBOPOIETIN, biosynthesis

5009. **Kroemer G, Blobel H, Brückler J:** Charakterisierung von Staphylokokken in Mikrotitrierplatten Zentralbl Bakteriol [Orig A] 237(2–3):183–8, 1977 (Eng. Abstr.) **(Ger)**
AGGLUTININS, analysis/ ANIMAL/ BACTERIOLOGICAL TECHNICS/ CATTLE/ COAGULASE, analysis/ ENGLISH ABSTRACT/ HEMOLYSINS, analysis/ HUMAN/ STAPHYLOCOCCUS AUREUS, analysis/ *STAPHYLOCOCCUS AUREUS, classification

5010. **Kroese AJ:** Strain gauge pletysmografi Tidsskr Nor Laegeforen 96(27):1433–5, 30 Sep 76 (Eng. Abstr.) **(Nor)**
ARTERIAL OCCLUSIVE DISEASES, diagnosis/ ENGLISH ABSTRACT/ HUMAN/ *PLETHYSMOGRAPHY, methods/ THROMBOSIS, diagnosis/ VARICOSE VEINS, diagnosis

5011. **Krohn KA, Knight LC:** Radiopharmaceuticals for thrombus detection: selection, preparation, and critical evaluation. Semin Nucl Med 7(3):219–28, Jul 77 (70 ref.)
ANIMAL/ BLOOD PLATELETS/ BROMINE, diagnostic use/ DOGS/ FIBRIN, diagnostic use/ FIBRINOGEN, diagnostic use/ FIBRINOGEN, isolation & purification/ INDIUM, diagnostic use/ IODINE RADIOISOTOPES, diagnostic use/ ISOTOPE LABELING/ LEUKOCYTES/ PLASMINOGEN, diagnostic use/ *RADIONUCLIDE IMAGING/ REVIEW/ STREPTOKINASE, diagnostic use/ TECHNETIUM, diagnostic use/ *THROMBOPHLEBITIS, diagnosis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UROKINASE, diagnostic use

5012. **Kroll J, Andersen MM:** Specific antisera produced by immunization with precipitin lines. J Immunol Methods 13(2):125–30, 1976
ANIMAL/ *ANTIBODY SPECIFICITY/ BLOOD COAGULATION FACTORS, isolation & purification/ FEMALE/ HUMAN/ *IMMUNE SERUMS, isolation & purification/ IMMUNIZATION, methods/ IMMUNOELECTROPHORESIS/ PRECIPITINS/ RATS

5013. **Kromer W, Bläsig J, Westenthanner A, et al:** Characteristics of porcine pituitary peptides which act like opiates: release from anterior lobes in vitro--relation between central effects and degradation by brain enzymes. pp. 1–8. In: Kosterlitz HW, ed. Opiates and endogenous opioid peptides. Amsterdam, North-Holland, 1976. QV 90 I61o 1976.
ANIMAL/ BIOLOGICAL ASSAY/ *BRAIN, enzymology/ MALE/ MICE/ MONOGRAPH/ *NARCOTICS/ *PEPTIDE HYDROLASES, metabolism/ *PEPTIDES/ PEPTIDES, pharmacodynamics/ PEPTIDES, physiology/ *PITUITARY GLAND, physiology/ *PITUITARY GLAND, ANTERIOR, physiology/ RATS/ SWINE/ VAS DEFERENS, drug effects

5014. **Kronick PL, Jimenez SA:** Simultaneous aggregation and release from platelets monitored continuously in plasma. Thromb Res 9(6):553–63, Dec 76
ADENOSINE DIPHOSPHATE/ *ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL/ *BLOOD PLATELETS, metabolism/ CHICK EMBRYO/ COLLAGEN/ *PLATELET AGGREGATION

5015. **Kronick PL, Rembaum A:** Reactions of human platelets with microspheres of poly(hydroxymethyl methacrylate) and polyacrylamide. J Biomed Mater Res 11(1):39–50, Jan 77
*ACRYLAMIDES, pharmacodynamics/

*ACRYLIC RESINS, pharmacodynamics/ BIOCOMPATIBLE MATERIALS/ HUMAN/ IN VITRO/ *MICROSPHERES/ *PLATELET AGGREGATION, drug effects/ *POLYMETHACRYLIC ACIDS, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WATER

5016. **Krueger S, Davis RB:** Post-transfusion purpura. Nebr Med J 61(11):413-5, Nov 76
*BLOOD TRANSFUSION, adverse effects/ CASE REPORT/ FEMALE/ HUMAN/ MIDDLE AGE/ *PURPURA, etiology

5017. **Krueger SK, Burney DW, Ferlic RM:** Protein-losing enteropathy complicating the Mustard procedure. Surgery 81(3):305-6, Mar 77
CASE REPORT/ CHILD, PRESCHOOL/ HUMAN/ MALE/ METHODS/ *POSTOPERATIVE COMPLICATIONS/ *PROTEIN-LOSING ENTEROPATHIES/ THROMBOSIS, surgery/ *TRANSPOSITION OF GREAT VESSELS, surgery/ VENA CAVA, SUPERIOR, surgery

5018. **Krugman ME, Canalis R, Konrad HR:** The sternomastoid 'tumor' of infancy. J Otolaryngol 5(6):523-9, Dec 76
CASE REPORT/ *HEAD AND NECK NEOPLASMS/ HEAD AND NECK NEOPLASMS, diagnosis/ HEAD AND NECK NEOPLASMS, pathology/ HEAD AND NECK NEOPLASMS, therapy/ *HEMATOMA/ HEMATOMA, diagnosis/ HEMATOMA, pathology/ HEMATOMA, therapy/ HUMAN/ INFANT/ MALE/ *MUSCULAR DISEASES/ MUSCULAR DISEASES, diagnosis/ MUSCULAR DISEASES, pathology/ MUSCULAR DISEASES, therapy/ NECK, pathology/ REMISSION/ TORTICOLLIS, etiology

5019. **Krukowski ZH, Miller SS:** Taenia infestation of an appendix abscess. J R Coll Surg Edinb 22(3):221-3, May 77
*ABSCESS, complications/ ABSCESS, surgery/ *APPENDICITIS, complications/ CASE REPORT/ CECUM, surgery/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, complications/ *TAENIASIS, complications/ TAENIASIS, etiology/ THROMBOSIS, complications

5020. **Krulik M, Tobelem G, Audebert AA, et al:** Les anticoagulants circulants au cours du lupus érythémateux disséminé Apropos de 3 observations Ann Med Interne (Paris) 128(1):57-62, Jan 77 **(Fre)**
ADULT/ BLOOD COAGULATION TESTS/ CASE REPORT/ *FACTOR VIII, antagonists & inhibitors/ *FACTOR XI, antagonists & inhibitors/ FEMALE/ HUMAN/ IGG, analysis/ IGM, analysis/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MALE/ MIDDLE AGE/ *THROMBOPLASTIN, antagonists & inhibitors

5021. **Krupp P, Menassé-Gdynia R, Ziel R:** Questions relating to the pharmacological testing of antirheumatic agents. pp. 271-9.
In: Wagenhauser FJ, ed. Chronic forms of polyarthritis. Bern, Huber, 1976. WE 344 C559 1975.
ANIMAL/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, drug effects/ COMPARATIVE STUDY/ DICLOFENAC, pharmacodynamics/ DRUG EVALUATION/ DRUG SCREENING/ FLUFENAMIC ACID, pharmacodynamics/ HUMAN/ IBUPROFEN, pharmacodynamics/ IN VITRO/ INDOMETHACIN, pharmacodynamics/ MONOGRAPH/ NAPROXEN, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP

5022. **Kruss DM, Ilangovan S:** Metiamide therapy of bleeding peptic ulcer during chronic hemodialysis. Am J Dig Dis 22(7):662-3. Jul 77
CASE REPORT/ *HEMODIALYSIS/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ *KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, therapy/ MALE/ *METIAMIDE, therapeutic use/ MIDDLE AGE/ PEPTIC ULCER HEMORRHAGE, complications/ *PEPTIC ULCER HEMORRHAGE, drug therapy/ *THIOUREA, analogs & derivatives/ UREMIA, complications

5023. **Krut' MI, Paradeeva IK:** Komponenty fibrinoliticheskoĭ sistemy trupnoĭ krovi pri nekotorykh vidakh smerti Probl Gematol Pereliv Krovi 21(12):30-2, Dec 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ CADAVER/ *DEATH/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, antagonists & inhibitors/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ PLASMINOGEN ACTIVATORS, analysis/ TIME FACTORS

5024. **Krutchkoff DJ, Matteson SR, Mark H, et al:** Juvenile nasopharyngeal angiofibroma. An unusual presentation as an oral mass. Arch Otolaryngol 103(9):553-6, Sep 77
*ANGIOMA, SCLEROSING, diagnosis/ ANGIOMA, SCLEROSING, ultrastructure/ CASE REPORT/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ EOSINOPHILIC GRANULOMA, diagnosis/ HEMANGIOMA, diagnosis/ HEMORRHAGE, ORAL, diagnosis/ HISTIOCYTOSIS X, diagnosis/ HUMAN/ MALE/ *NASOPHARYNGEAL NEOPLASMS, diagnosis/ NASOPHARYNGEAL NEOPLASMS, ultrastructure/ ODONTOGENIC TUMOR, diagnosis/ *PALATAL NEOPLASMS, diagnosis/ SARCOMA, diagnosis

5025. **Krutzsch HC, Pisano JJ:** The use of dipeptidyl aminopeptidase (DAP) and gas chromatography-mass spectrometry (GC-MS) in polypeptide sequencing. pp. 985-90.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
*AMINO ACID SEQUENCE/ DIPEPTIDES/ MASS FRAGMENTOGRAPHY, methods/ MONOGRAPH/ *PEPTIDE PEPTIDOHYDROLASES/ *PEPTIDES

5026. **Kruze D, Fehr K, Menninger H, et al:** Effect of antirheumatic drugs on neutral protease from human leucocyte granules. Z Rheumatol 35(9-10):337-46, Sep-Oct 76
*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ARTHRITIS, RHEUMATOID, blood/ *ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, enzymology/ GLUCOCORTICOIDS, pharmacodynamics/ HUMAN/ MUCOPOLYSACCHARIDES, pharmacodynamics/ *NEUTROPHILS, enzymology/ PENTOSAN SULFURIC POLYESTER, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SODIUM CHLORIDE

5027. **Kružic Z, Luetic V, Tonkovic I:** Hemodinamika varikoznih vena Acta Chir Iugosl 24(1 Suppl):391-5, 1977 **(Scr)**
BLOOD VISCOSITY/ ELASTICITY/ *HEMODYNAMICS/ HUMAN/ MUSCLE CONTRACTION/ MUSCLE, SMOOTH, physiopathology/ *VARICOSE VEINS, physiopathology/ VENOUS PRESSURE

5028. **Kružic Z, Luetic V, Viskovic A:** Kirurška terapija ozljeda vena Acta Chir Iugosl 24(1 Suppl):575-82, 1977 **(Scr)**
ANTICOAGULANTS, therapeutic use/ HUMAN/ LIGATION/ PERITONITIS, etiology/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS/ SUTURE TECHNICS/ THROMBOPHLEBITIS, etiology/ *VEINS, injuries/ VEINS, surgery/ VENOUS INSUFFICIENCY, prevention & control

5029. **Krymskiĭ LD, Nestaĭko GV:** Rastrovaia élektronnaia mikroskopiia v gematologii (obzor literatury Vestn Akad Med Nauk SSSR (8):67-77, 1976 (49 ref.) **(Rus)**
B-LYMPHOCYTES, ultrastructure/ BLOOD PLATELETS, ultrastructure/ BLOOD PRESERVATION/ CELL MEMBRANE, ultrastructure/ ERYTHROCYTE AGGREGATION, drug effects/ ERYTHROCYTES, ultrastructure/ EXTRACORPOREAL CIRCULATION/ HEMATOLOGIC DISEASES, pathology/

*HEMATOLOGY, methods/ HUMAN/ LEUKOCYTES, ultrastructure/ LYMPHOCYTES, ultrastructure/ *MICROSCOPY, ELECTRON, SCANNING/ OSMOTIC FRAGILITY/ PHAGOCYTOSIS/ PLATELET AGGREGATION/ REVIEW/ T-LYMPHOCYTES, ultrastructure/ TEMPERATURE

5030. **Kuberski T, Rosen L, Reed D, et al:** Clinical and laboratory observations on patients with primary and secondary dengue type 1 infections with hemorrhagic manifestations in Fiji. Am J Trop Med Hyg 26(4):775–83, Jul 77
ADOLESCENCE/ ADULT/ AGE FACTORS/ ANTIBODIES, VIRAL, analysis/ CHILD/ CHILD, PRESCHOOL/ DENGUE VIRUS, isolation & purification/ DENGUE, complications/ *DENGUE, occurrence/ DENGUE, immunology/ *DISEASE OUTBREAKS, occurrence/ FEMALE/ FIJI/ HUMAN/ INFANT/ LEUKOPENIA, etiology/ MALE/ MIDDLE AGE/ THROMBOPENIA, etiology

5031. **Kubiena K:** Der akute Gefässverschluss im Bereiche der oberen Extremität Vasa 6(2):178–9, 1977 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ *ARM, blood supply/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ EMBOLISM, surgery/ ENGLISH ABSTRACT/ HUMAN/ THROMBOSIS, surgery

5032. **Kubisz P, Cronberg S:** Inhibitory effect of colchicine and vinblastine on reptilase clot retraction. Thromb Res 9(2):109–14, Aug 76
ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, ultrastructure/ *CLOT RETRACTION/ *COLCHICINE, pharmacodynamics/ COLLAGEN, antagonists & inhibitors/ HUMAN/ MICROTUBULES, drug effects/ REPTILASE/ *VINBLASTINE, pharmacodynamics

5033. **Kubisz P:** Krevní destičky a srázení krve Bratisl Lek Listy 66(1):103–9, 1 Jul 76 **(Cze)**
*BLOOD COAGULATION/ *BLOOD PLATELETS, physiology/ HUMAN/ THROMBOPLASTIN, physiology

5034. **Kubisz P, Klener P:** Platelet shape change induced by cold and the retraction of reptilase clots.
Acta Univ Carol [Med] (Praha) 22(1–2):9–17, 1976
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, ultrastructure/ *CLOT RETRACTION/ HUMAN/ *PEPTIDE HYDROLASES, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ *REPTILASE, pharmacodynamics

5035. **Kubisz P, Pařizek M, Kováčová J, et al:** Influence of cytostatics on some platelet functions in vitro. V. Hydroxyurea. Acta Haematol (Basel) 57(4):242–46, Mar 77
*BLOOD PLATELETS, drug effects/ HUMAN/ *HYDROXYUREA, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3/ PLATELET FACTOR 4/ SEROTONIN, blood

5036. **Kubota S, Yoshida Y, Kumaoka H, et al:** Studies on the microsomal electron-transport system of anaerobically grown yeast. V. Purification and characterization of NADPH-cytochrome c reductase. J Biochem (Tokyo) 81(1):197–205, Jan 77
CHLOROMERCURIBENZOATES, pharmacodynamics/ *CYTOCHROME REDUCTASES, metabolism/ CYTOCHROMES, metabolism/ ELECTRON TRANSPORT/ FAD, pharmacodynamics/ FMN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ *MICROSOMES, enzymology/ MOLECULAR WEIGHT/ NADP, pharmacodynamics/ *NADPH CYTOCHROME C REDUCTASE, metabolism/ NADPH CYTOCHROME C REDUCTASE, isolation & purification/ OXYGEN CONSUMPTION/ *SACCHAROMYCES CEREVISIAE, enzymology/ VITAMIN K, pharmacodynamics

5037. **Kuchinskiĭ IN, Agranenko VA, Poliakova LP, et al:** Effektivnost' transfuziĭ razmorozhennykh otmytykh eritrotsitov v kompleksnom lechenii anemii u bol'nykh s khronicheskoĭ pochechnoĭ Urol Nefrol (Mosk) (1):58–61, Jan–Feb 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ ANEMIA, etiology/ *ANEMIA, therapy/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CASE REPORT/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ FEMALE/ FREEZING/ HUMAN/ *KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, therapy/ MALE/ MIDDLE AGE

5038. **Kuderna H:** Klinische Anwendung der Klebung von Nervenanastomosen mit Fibrinogen
Fortschr Kiefer Gesichtschir 21:135, 1976 **(Ger)**
*FIBRINOGEN/ HUMAN/ METHODS/ *PERIPHERAL NERVES, surgery/ *TISSUE ADHESIVES

5039. **Kudo Y, Yokoyama M, Kimura A, et al:** [A case of combined deficiency of factor IX and factor VIII with prolonged bleeding time (author's transl)] Jpn J Clin Hematol 18(1):81–7, Jan 77 (Eng. Abstr.) **(Jpn)**
BLOOD COAGULATION TESTS/ CASE REPORT/ CHILD/ *CHRISTMAS DISEASE, complications/ ENGLISH ABSTRACT/ *HEMOPHILIA, complications/ HEMOPHILIA, diagnosis/ HUMAN/ MALE/ TIME FACTORS/ VON WILLEBRAND'S DISEASE, diagnosis

5040. **Kudriashov BA, Ul'ianov AM, Bazaz'ian GG, et al:** Aktivnost' faktora XIII pri podavlenii funktsii protivoavertyvaiushchaĭ sistemy i ee vosstanovlenii u zhivotnykh na aterogennom ratsione Vopr Pitan (5):54–7, Sep–Oct 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ *FACTOR XIII, metabolism/ FATTY ACIDS, UNSATURATED, pharmacodynamics/ HEPARIN, pharmacodynamics/ MALE/ RATS/ THROMBIN, pharmacodynamics/ VITAMIN A, pharmacodynamics

5041. **Kudriashov BA:** Protivosvertyvaiushchaia sistema organizma i teoreticheskie aspekty problemy protezirovaniia krovenosnykh sosudov i serdtsa Usp Fiziol Nauk 7(4):61–91, Oct–Dec 76 (220 ref.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION/ *BLOOD VESSEL PROSTHESIS/ BLOOD VESSEL PROSTHESIS, adverse effects/ CHOLESTEROL, DIETARY, adverse effects/ CORONARY DISEASE, etiology/ DIETARY FATS, adverse effects/ FIBRINOLYSIS/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ REVIEW/ THROMBOSIS, etiology/ THROMBOSIS, prevention & control

5042. **Kudriashov BA, Bazaz'ian GG, Liapina LA, et al:** Klirens trombina i aktivnost' kompleksnykh soedinenii geparina v usloviiakh vosstanovleniia funktsii protivosvertyvaiushcheĭ sistemy u zhivotnykh, soderzhashchikhsia na aterogennom ratsione Kardiologiia 16(10):138–9, Oct 76 **(Rus)**
ABSORPTION/ ANIMAL/ *DIET, ATHEROGENIC/ *FIBRINOLYSIS/ *HEPARIN, metabolism/ IODINE RADIOISOTOPES, diagnostic use/ LIVER, metabolism/ LUNG, metabolism/ MALE/ RATS/ SPLEEN, metabolism/ *THROMBIN, metabolism/ TIME FACTORS

5043. **Kudriashov BA, Liapina LA, Ul'ianov AM:** Nalichie aktivnogo kompleksa fibrinogen--geparin v summarnoĭ fraktsii produktov degradatsii fibrinogena plazmy krovi Biokhimiia 42(3):451–9, Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ CHEMISTRY/ ENGLISH ABSTRACT/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRINOGEN, analysis/ *HEPARIN, analysis/ MALE/ RATS

5044. **Kudriashov BA, Liapina LA:** Kompleks geparin-aspirin, ego fiziko-khimicheskie i fiziologicheskie svoĭstva Vopr Med Khim (1):44–51, Jan–Feb 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *ANTICOAGULANTS/ ANTITHROMBINS, blood/ *ASPIRIN/ ASPIRIN, pharmacodynamics/ ENGLISH ABSTRACT/ FIBRIN, analysis/ *FIBRINOLYTIC AGENTS/ *HEPARIN/ HEPARIN, pharmacodynamics/

MALE/ RATS

5045. **Kudriashov BA, Bazaz'ian GG, Liapina LA, et al:** Znachenie geparina v klirense trombina-131I i protsessakh kompleksoobrazovaniia u zhivotnykh v usloviiakh éksperimental'nogo vosstanovleniia funktsii protivosvertyvaiushcheĭ sistemy Kardiologiia 17(2):120-3, 1977 (Eng. Abstr.) **(Rus)**
ANIMAL/ DIET, ATHEROGENIC/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FATTY ACIDS, UNSATURATED, metabolism/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ *HEPARIN, metabolism/ IODINE RADIOISOTOPES/ LIVER, physiopathology/ LUNG, physiopathology/ MALE/ METABOLIC CLEARANCE RATE/ RATS/ SPLEEN, physiopathology/ *THROMBIN, metabolism/ TIME FACTORS/ VITAMIN A, metabolism

5046. **Kudriashov BA, Bagaz'ian GG, Ul'ianov AM, et al:** Zamedlenie klirensa trombina kak diagnosticheskiĭ priznak predtromboza pri depresii protivosvertyvaiushcheĭ sistemy aterogennoĭ dietoĭ Vopr Med Khim 22(6):736-40, Nov-Dec 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, administration & dosage/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HEPARIN, metabolism/ IODINE RADIOISOTOPES/ LIVER, metabolism/ MALE/ RATS/ *THROMBIN, metabolism/ THROMBOSIS, blood/ *THROMBOSIS, diagnosis/ THROMBOSIS, etiology/ TIME FACTORS/ VITAMIN A, administration & dosage/ VITAMIN A, pharmacodynamics

5047. **Kudriashov BA, Iur'eva GIu, Strukova SM, et al:** O vozbuzhdenii reflektornoĭ reaktsii protivosvertyvaiushcheĭ sistemy promezhutochnym produktom-1 proteoliza protrombina. Fiziol Zh SSSR 63(4):532-8, Apr 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION, drug effects/ *CAROTID ARTERIES, innervation/ *CHEMORECEPTORS, drug effects/ ELECTROPHYSIOLOGY/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ FROGS/ GLOSSOPHARYNGEAL NERVE, physiology/ MALE/ *PROTHROMBIN, pharmacodynamics/ RANA TEMPORARIA

5048. **Kudriashov BA, Strukova SM, Orlova AS, et al:** Znachenie promezhutochnykh produktov proteoliza protrombina trombinom v vozbuzhdenii protivosvertyvaiushcheĭ sistemy. Biull Eksp Biol Med 82(10):1172-4, Oct 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HYDROLYSIS/ IN VITRO/ INJECTIONS, INTRAVENOUS/ MALE/ PROTHROMBIN, administration & dosage/ *PROTHROMBIN, metabolism/ RATS/ *THROMBIN, pharmacodynamics

5049. **Kudriashov BA, Shapiro FB, Lomovskaia EG, et al:** Rol' AKTG i gliukokortikoidov v obespechenii nefermentativnogo fibrinoliza pri immobilizatsionnom stresse u zhivotnykh. Fiziol Zh SSSR 63(5):735-41, May 77 (Eng. Abstr.) **(Rus)**
ADRENALECTOMY/ ANIMAL/ *CORTICOTROPIN, diagnostic use/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ *HYDROCORTISONE, diagnostic use/ MALE/ PROTAMINES, diagnostic use/ RATS/ RESTRAINT, PHYSICAL/ *STRESS, blood

5050. **Kudrjashov BA, Rodionow IM, Ljapina LA, et al:** Die Reaktivität des antikoagulatorischen Systems desympathisierter Tiere unter den Bedingungen eines durch akustische Reizung hervorgerufenen Stress Folia Haematol (Leipz) 103(2):252-60, 1976 (Eng. Abstr.) **(Ger)**
ACOUSTIC TRAUMA/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS/ ADRENERGIC BETA RECEPTOR BLOCKADERS/ ANIMAL/ ENGLISH ABSTRACT/ *GUANETHIDINE, pharmacodynamics/ RATS/ *SYMPATHETIC NERVOUS SYSTEM, drug effects/ *THROMBOSIS, etiology

5051. **Kudrjashov BA, Liapina LA, Klöcking HP:** Uber fibrinolytische Eigenschaften eines Heparin-Ocrase-Komplexes Folia Haematol (Leipz) 103(4):573-82, 1976 (Eng. Abstr.) **(Ger)**
ANTICOAGULANTS/ ASPERGILLUS, enzymology/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ *FIBRINOLYSIS, drug effects/ *HEPARIN, pharmacodynamics/ HUMAN/ *PEPTIDE HYDROLASES, pharmacodynamics

5052. **Kudrjashov BA, Yurieva GYu, Strukova SM, et al:** Intermediate product I. of prothrombin proteolysis as a natural factor of the anticoagulating system stimulation. Thromb Res 10(6):775-82, Jun 77
ANIMAL/ *BLOOD COAGULATION, drug effects/ CAROTID BODY/ CHEMORECEPTORS/ FIBRINOLYSIS, drug effects/ FROGS/ MALE/ *PROTHROMBIN, metabolism/ RANA TEMPORARIA/ REFLEX/ THROMBIN, physiology

5053. **Kuenzig W, Tkaczevski V, Kamm JJ, et al:** The effect of ascorbic acid deficiency on extrahepatic microsomal metabolism of drugs and carcinogens in the guinea pig. J Pharmacol Exp Ther 201(3):527-33, Jun 77
ANIMAL/ *ASCORBIC ACID DEFICIENCY, metabolism/ CARCINOGENS, metabolism/ COMPARATIVE STUDY/ COUMARINS, metabolism/ *DRUGS, metabolism/ ENZYME INDUCTION, drug effects/ GUINEA PIGS/ IN VITRO/ INTESTINAL MUCOSA, metabolism/ LUNG, metabolism/ MALE/ *MICROSOMES, metabolism/ MICROSOMES, LIVER, metabolism/ PHENOBARBITAL, pharmacodynamics

5054. **Kueppers F:** Trypsin-inhibiting activity in sera of two strains of inbred mice. Arch Environ Health 32(3):108-9, May-Jun 77
ANIMAL/ FEMALE/ MALE/ MICE/ *MICE, INBRED STRAINS, blood/ *TRYPSIN INHIBITORS, blood

5055. **Kuettner CA, Staehelin LA, Gordon JA:** Receptor distribution and the mechanism of enhanced erythrocyte agglutination by soybean agglutinin. Biochim Biophys Acta 448(1):114-20, 21 Sep 76
*AGGLUTININS, pharmacodynamics/ *ERYTHROCYTE AGGREGATION, drug effects/ FERRITIN/ HUMAN/ PROTEIN BINDING/ RECEPTORS, DRUG, drug effects/ SOY BEANS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5056. **Kuettner KE, Soble L, Croxen RL, et al:** Tumor cell collagenase and its inhibition by a cartilage-derived protease inhibitor. Science 196(4290):653-4, 6 May 77
*BREAST NEOPLASMS, enzymology/ *CARTILAGE, physiology/ CELLS, CULTURED/ CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ *CLOSTRIDIOPEPTIDASE A, metabolism/ HEPARIN, pharmacodynamics/ NEOPLASM METASTASIS/ NEOPLASMS, EXPERIMENTAL, enzymology/ *SARCOMA, OSTEOGENIC, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5057. **Kuffer F:** Prophylactic long-term anticoagulant treatment of hydrocephalic patients with ventriculo-atrial shunts. Dev Med Child Neurol [Suppl] (37):74-7, 1976
*ANTICOAGULANTS, therapeutic use/ *CEREBROSPINAL FLUID SHUNTS, adverse effects/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ HYDROCEPHALUS, etiology/ *HYDROCEPHALUS, surgery/ SPINA BIFIDA, complications/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control/ VENA CAVA, SUPERIOR

5058. **Kuffer R, Baumont M, Brochériou C:** Toxidermies buccales aphtoïdes Rev Stomatol Chir Maxillofac 77(5):747-55, Jul-Aug 76 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ CASE REPORT/ *DERMATITIS MEDICAMENTOSA, etiology/ DERMATITIS MEDICAMENTOSA, pathology/ ENGLISH ABSTRACT/ FEMALE/ GOLD, adverse effects/ HUMAN/ MALE/ MIDDLE

AGE/ NIFLUMIC ACID, adverse effects/ PHENINDIONE, adverse effects/ SALTS/ *STOMATITIS, APHTHOUS, chemically induced/ STOMATITIS, APHTHOUS, pathology

5059. **Kühne H, Scheuch DW:** Verhalten der Kallikrein- und Proteasenaktivität im Plasma beim hämorrhagischen Schock des Hundes. Z Med Lab Diagn 18(3):169–76, Jun 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ DOGS/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *KALLIKREIN, blood/ *PEPTIDE HYDROLASES, blood/ SHOCK, HEMORRHAGIC, blood/ *SHOCK, HEMORRHAGIC, enzymology

5060. **Kühnscherf V, Lehmann K, Noack D:** Blutgerinnungsstörungen nach akuter Kohlenmonoxidvergiftung Z Aerztl Fortbild (Jena) 71(4):166–7, 15 Feb 77 **(Ger)**
ACUTE DISEASE/ ANIMAL/ *BLOOD COAGULATION DISORDERS, etiology/ *CARBON MONOXIDE POISONING, complications/ RATS

5061. **Kukhtevich II, Mikhaĭliuk IA, Mitsenko MD:** Osobennosti narusheniĭ lipoproteinovogo obmena pri gipertonicheskoĭ bolezni s tserebral'nym sindromom i ikh diagnosticheskoe znachenie dlia vrachebno-trudovoĭ ékspertizy Zh Nevropatol Psikhiatr 76(8):1153–6, 1976 (Eng. Abstr.) **(Rus)**
ADULT/ CEREBROVASCULAR DISORDERS, blood/ *CEREBROVASCULAR DISORDERS, complications/ CEREBROVASCULAR DISORDERS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, blood/ *HYPERTENSION, complications/ HYPERTENSION, drug therapy/ *LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ SYNDROME

5062. **Kulik II, Peev BI:** Nabliudenie kavernoznoĭ angiomy serdtsa Vrach Delo (12):32–3, Dec 76 **(Rus)**
AGED/ CASE REPORT/ *HEART NEOPLASMS/ HEART NEOPLASMS, pathology/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ MALE

5063. **Kulikov VIu, Kaznacheev VP, Kolosova NG, et al:** Vliianie geparina na reaktsii perekisnogo okisleniia lipidov éritrotsitov i ikh ustoĭchivost' Biull Eksp Biol Med 82(9):1086–8, Sep 76 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ *ERYTHROCYTES, metabolism/ *HEPARIN, pharmacodynamics/ HUMAN/ *OLEIC ACIDS, metabolism/ OXIDATION-REDUCTION/ TIME FACTORS

5064. **Kulikova VS, Terekhova NV, Kosorukova NIa, et al:** Sostoianie svertyvaiushcheĭ sistemy i fibrinoliza krovi u bol'nykh khronicheskim retsidiviruiushchim aftoznym stomatitom Vestn Akad Med Nauk SSSR (1):32–6, 1977 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD COAGULATION/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ RECURRENCE/ *STOMATITIS, APHTHOUS, blood

5065. **Kulkarni PS, Eakins KE:** N-0164 inhibits generation of thromboxane-A2-like activity from prostaglandin endoperoxides by human platelet microsomes. Prostaglandins 12(3):465–9, Sep 76
ANIMAL/ AORTA, drug effects/ AORTA, metabolism/ ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELETS, enzymology/ HUMAN/ HYDROXY ACIDS, isolation & purification/ *HYDROXY ACIDS, metabolism/ INDOMETHACIN, pharmacodynamics/ MALE/ *MICROSOMES, enzymology/ MUSCLE CONTRACTION, drug effects/ *PEROXIDES, metabolism/ *PROSTAGLANDIN ANTAGONISTS, pharmacodynamics/ *PROSTAGLANDINS, metabolism/ PYRANS, isolation & purification/ *PYRANS, metabolism/ RABBITS/ RATS/ STOMACH, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5066. **Kumada T, Abiko Y:** Enhancement of fibrinolytic and thrombolytic potential in the rat by treatment with an anabolic steroid, furazabol. Thromb Haemostas 36(2):451–64, 30 Nov 76
*ANABOLIC STEROIDS, pharmacodynamics/ *ANDROSTANES, pharmacodynamics/ ANIMAL/ CHOLESTEROL, blood/ *FIBRINOLYSIS, drug effects/ LACTATES/ LUNG, metabolism/ MALE/ OXADIAZOLES, pharmacodynamics/ PLASMINOGEN ACTIVATORS, metabolism/ PULMONARY EMBOLISM, chemically induced/ PULMONARY EMBOLISM, drug therapy/ RATS

5067. **Kumagai H, Igarashi K, Yoshikawa M, et al:** Effects of polyamines on the activities of Escherichia coli ribonuclease I and II. J Biochem (Tokyo) 81(2):381–8, Feb 77
*ENDONUCLEASES, metabolism/ *ESCHERICHIA COLI, enzymology/ HEPARIN, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ POLY A, metabolism/ POLY C, metabolism/ POLY G, pharmacodynamics/ POLY U, metabolism/ *POLYAMINES, pharmacodynamics/ POTASSIUM, pharmacodynamics/ PUTRESCINE, pharmacodynamics/ *RIBONUCLEASE, metabolism/ SPERMIDINE, pharmacodynamics/ SPERMINE, pharmacodynamics

5068. **Kumar GK, Amjad H:** Hageman factor deficiency in ataxia telangiectasia. Am J Med Sci 272(3):353–5, Nov-Dec 76
ADULT/ *ATAXIA TELANGIECTASIA, complications/ ATAXIA TELANGIECTASIA, familial & genetic/ *BLOOD COAGULATION DISORDERS, complications/ CASE REPORT/ *FACTOR XII/ FEMALE/ HUMAN

5069. **Kumar R, Banerjee SK, Handa KL:** Coumarins of Heracleum canescens and Heracleum pinnatum. Sources for dermal photosensitizing agents. Planta Med 30(3):291–4, Nov 76
COUMARINS, adverse effects/ *COUMARINS, isolation & purification/ HUMAN/ PHOTOSENSITIZATION, chemically induced/ *PLANTS, MEDICINAL, analysis

5070. **Kummer D, Kraml:** Untersuchungen zur Thymidin-Triphosphat-Synthese in malignen Tumoren. II. Einfluss von Hyperthermia, Vitamin K und cytoziden Agentien Z Krebsforsch 88(2):145–56, 21 Jan 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ *ANTINEOPLASTIC AGENTS, pharmacodynamics/ CARCINOMA, EHRLICH TUMOR/ DEOXYRIBONUCLEOTIDES, biosynthesis/ ENGLISH ABSTRACT/ *FEVER THERAPY/ THYMIDINE KINASE, metabolism/ *THYMINE NUCLEOTIDES, biosynthesis/ *VITAMIN K, pharmacodynamics

5071. **Kummer H, Sturm V:** Indikationen zur Verwendung von Plättcheninhibitoren Ther Umsch 34(5):373–8, May 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ *BLOOD PLATELETS, drug effects/ CEREBROVASCULAR DISORDERS, prevention & control/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, prevention & control/ THROMBOSIS, prevention & control

5072. **Kunchev V, Staneva I:** Vurkhu vuprosa za smurtta ot amniotichna emboliia s prinos na edin sluchaĭ Akush Ginekol (Sofiia) 15(3):167–71, 1976 (Eng. Abstr.) **(Bul)**
ADULT/ CASE REPORT/ *EMBOLISM, AMNIOTIC FLUID, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PREGNANCY

5073. **Kunitsch G, Luska G:** Röntgenuntersuchungen bei der portalen Hypertension Roentgenblaetter 30(5):230–8, May 77 (Eng. Abstr.) **(Ger)**
CATHETERIZATION/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, PORTAL, etiology/ *HYPERTENSION, PORTAL, radiography/ LIVER CIRRHOSIS, diagnosis/ MESENTERIC VEINS, radiography/ PORTAL VEIN/ SPLENIC VEIN, radiography/ SPLENOPORTOGRAPHY/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOSIS, complications/ UMBILICAL VEINS

5074. **Kunitsyna LA:** Kliniko-funktsional'nye i biokhimicheskie sdvigi u bol'nykh nachal'nym serebral'nym

aterosklerozom pri primenenii morskikh kupanii Vopr Kurortol Fizioter Lech Fiz Kult (2):61–5, Mar–Apr 76 **(Rus)**
ADULT/ *BALNEOLOGY/ *BLOOD COAGULATION/ *CATECHOLAMINES, urine/ CEREBRAL ARTERIOSCLEROSIS, physiopathology/ *CEREBRAL ARTERIOSCLEROSIS, therapy/ FEMALE/ *HEMODYNAMICS/ HUMAN/ *LIPIDS, blood/ MALE/ MIDDLE AGE/ SEAWATER

5075. **Kunst H:** Bedeutung der Intensivtherapie in der Behandlung eitriger Meningitiden Munch Med Wochenschr 118(49):1597–1600, 3 Dec 76 (Eng. Abstr.) **(Ger)**
ACIDOSIS, RESPIRATORY, etiology/ ACIDOSIS, RESPIRATORY, therapy/ ADULT/ ENGLISH ABSTRACT/ EPILEPSY, etiology/ EPILEPSY, therapy/ FEMALE/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ INTENSIVE CARE UNITS/ MALE/ MENINGITIS, complications/ *MENINGITIS, therapy/ PENICILLINS, therapeutic use/ POSITIVE-PRESSURE RESPIRATION/ PROGNOSIS/ RESPIRATION DISORDERS, etiology/ RESPIRATION DISORDERS, therapy/ RESPIRATION, ARTIFICIAL/ RETROSPECTIVE STUDIES

5076. **Kuntz ID, Crippen GM, Kollman PA, et al:** Calculation of protein tertiary structure. J Mol Biol 106(4):983–94, 5 Oct 76
MACROMOLECULAR SYSTEMS/ MATHEMATICS/ *PROTEIN CONFORMATION/ *PROTEINS/ RUBREDOXINS/ TRYPSIN INHIBITORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ X-RAY DIFFRACTION

5077. **Kunz J:** Zur Morphologie der Venenerkrankungen im Alter ZFA [Dresden] 31(4):327–34, 1976 (Eng. Abstr.) **(Ger)**
AGE FACTORS/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ SCLEROSIS/ THROMBOPHLEBITIS, pathology/ TIME FACTORS/ VARICOSE VEINS, pathology/ *VASCULAR DISEASES, pathology/ VEINS, pathology/ VENOUS INSUFFICIENCY, pathology

5078. **Künzel W:** Das Vena-Cava-Okklusions-Syndrom Pathophysiologie und Klinik. Z Geburtshilfe Perinatol 181(3):135–57, Jun 77 (73 ref.) (Eng. Abstr.) **(Ger)**
ABRUPTIO PLACENTAE, complications/ ANESTHESIA, OBSTETRICAL/ ANESTHESIA, SPINAL/ ANIMAL/ CESAREAN SECTION/ EMBOLISM, AMNIOTIC FLUID, complications/ ENGLISH ABSTRACT/ FEMALE/ FETAL BLOOD, analysis/ FETAL HEART/ HEMODYNAMICS/ HUMAN/ KIDNEY, physiopathology/ LABOR COMPLICATIONS, etiology/ MONKEYS/ OXYGEN, analysis/ PARITY/ POSTURE/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, blood/ PREGNANCY TRIMESTER, THIRD/ PREGNANCY/ REGIONAL BLOOD FLOW/ REVIEW/ RHESUS MONKEYS/ SHEEP/ UTERUS, blood supply/ *VENA CAVA, INFERIOR/ VENAE CAVAE, physiopathology

5079. **Kuper H, Beintema JJ:** The amino acid sequence of topi pancreatic ribonuclease. Biochim Biophys Acta 446(2):337–44, 28 Oct 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *ARTIODACTYLA, metabolism/ CHYMOTRYPSIN/ ISOENZYMES, isolation & purification/ *PANCREAS, enzymology/ PEPTIDE FRAGMENTS, analysis/ *RIBONUCLEASE/ RIBONUCLEASE, isolation & purification/ SPECIES SPECIFICITY/ THERMOLYSIN/ TRYPSIN

5080. **Kuramoto K, Matsushita S, Murakami M:** Acute reversible myocardial infarction after blood transfusion in the aged. Jpn Heart J 18(2):191–201, Mar 77
ACUTE DISEASE/ AGED/ BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD TRANSFUSION/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ELECTROCARDIOGRAPHY/ FEMALE/ GASTROINTESTINAL NEOPLASMS, therapy/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ MYOCARDIAL INFARCT, diagnosis/ *MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, pathology/ *POSTOPERATIVE COMPLICATIONS/ REMISSION/ THROMBOSIS, complications/ THROMBOSIS, diagnosis

5081. **Kurbangaleev SM, Katsadze MA, Tone RV:** Plastika arterii nizhnikh konechnosteĭ autovenoi i ee sochetanie s poiasnichnoĭ simpatektomieĭ. Vestn Khir (3):11–5, Mar 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ ENGLISH ABSTRACT/ FEMORAL ARTERY, surgery/ FOLLOW-UP STUDIES/ HUMAN/ ILIAC ARTERY, surgery/ *LEG, blood supply/ LUMBOSACRAL REGION, innervation/ MIDDLE AGE/ POPLITEAL ARTERY, surgery/ *SAPHENOUS VEIN, transplantation/ *SYMPATHECTOMY/ *THROMBOSIS, surgery/ TRANSPLANTATION, AUTOLOGOUS

5082. **Kuri-Harcuch W, Green H:** Increasing activity of enzymes on pathway of triacylglycerol synthesis during adipose conversion of 3T3 cells. J Biol Chem 252(6):2158–60, 25 Mar 77
ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, metabolism/ CELL LINE/ GLYCEROLPHOSPHATE ACYLTRANSFERASE, metabolism/ MALATE DEHYDROGENASE, metabolism/ *TRIGLYCERIDES, biosynthesis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5083. **Kurisaka M, Tsubokawa T, Moriyasu N:** [A role of brain in cell-mediated immunity and non-specific immunotherapy of brain tumors (author's transl)] Neurol Med Chir (Tokyo) 16(4 pt 2):349–56, Jul 76 **(Jpn)**
ADULT/ ANIMAL/ *BRAIN NEOPLASMS, immunology/ *BRAIN NEOPLASMS, therapy/ CHILD/ EPENDYMOMA, immunology/ FEMALE/ GLIOMA, immunology/ *HEPARINOID, therapeutic use/ HUMAN/ *IMMUNITY, CELLULAR/ IMMUNOTHERAPY/ MALE/ MENINGIOMA, immunology/ POLYSACCHARIDES/ RABBITS/ RESINS

5084. **Kurnick JE:** The clot: idiopathic thrombocytopenic purpura. Rocky Mt Med J 74(3):142–5, May–Jun 77
BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ PREDNISONE, therapeutic use/ *PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, drug therapy/ SPLENECTOMY

5085. **Kurochkin SN, Andreeva NG, Gasaryan KG, et al:** Investigation of sites phosphorylated in histone H5 by protein kinase from pig brain. FEBS Lett 76(1):112–4, 1 Apr 77
AMINO ACID SEQUENCE/ ANIMAL/ *BRAIN, enzymology/ *HISTONE KINASE, metabolism/ *HISTONES/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOPROTEINS/ *PROTEIN KINASE, metabolism/ SWINE/ TRYPSIN

5086. **Kurokawa T, Tsuda M, Sugino Y:** Purification and characterization of a lectin from Wistaria floribunda seeds. J Biol Chem 251(18):5686–93, 25 Sep 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ GLUCOSAMINE, analysis/ HEMAGGLUTINATION TESTS/ HEXOSES, analysis/ HUMAN/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDE FRAGMENTS, analysis/ *PLANT AGGLUTININS/ PLANT AGGLUTININS, isolation & purification/ *SEEDS, analysis/ SPECIES SPECIFICITY/ TRYPSIN

5087. **Kurosky A, Hofmann T:** Amino acid sequence of penicillopepsin. I. Isolation and characterization of the chymotryptic peptides. Can J Biochem 54(10):872–84, Oct 76
AMINO ACID SEQUENCE/ BINDING SITES/ CHYMOTRYPSIN/ PENICILLINS/ PENICILLIUM, enzymology/ *PEPTIDE FRAGMENTS, analysis/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, metabolism

5088. **Kurosky A, Markel DE, Peterson JW, et al:** Primary structure of cholera toxin beta-chain: a glycoprotein hormone analog? Science 195(4275):299–301, 21 Jan 77
ADENYL CYCLASE, metabolism/ AMINO ACID SEQUENCE/ ANIMAL/ CATTLE/ COMPARATIVE STUDY/ *ENTEROTOXINS/ ENTEROTOXINS, metabolism/ EVOLUTION/ FSH/ *GLYCOPROTEINS/ GONADOTROPINS, CHORIONIC/ HUMAN/ LH/ PEPTIDE HYDROLASES/ STRUCTURE-ACTIVITY RELATIONSHIP/ THYROTROPIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *VIBRIO CHOLERAE

5089. **Kurz C:** Les thromboses veineuses: toujours graves. Soins 22(17):2, 5 Sep 77 **(Fre)**
HUMAN/ *THROMBOPHLEBITIS

5090. **Kusano S:** [The angiographic evaluation of hepatic mass lesions based on the segmentation of the liver (author's transl)] Nippon Acta Radiol 36(4):322–33, Apr 76 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ *HEPATIC ARTERY, radiography/ *HEPATOMA, radiography/ HEPATOMA, surgery/ HUMAN/ *LIVER NEOPLASMS, radiography/ LIVER NEOPLASMS, surgery/ MALE/ METHODS/ MIDDLE AGE

5091. **Kusch D:** Biochemical characteristics and phage-typing of staphylococci isolated from poultry.
Zentralbl Bakteriol [Orig B] 164(4):360–7, 1977
ANIMAL/ ANTIBIOTICS, pharmacodynamics/ BACTERIOPHAGE TYPING/ CHICKENS, microbiology/ COAGULASE, biosynthesis/ DRUG RESISTANCE, MICROBIAL/ DUCKS, microbiology/ ENTEROTOXINS, biosynthesis/ *FOOD MICROBIOLOGY/ *FOOD PRESERVATION/ *FROZEN FOODS/ MURAMIDASE, biosynthesis/ PIGMENTS, biosynthesis/ *POULTRY, microbiology/ STAPHYLOCOCCUS AUREUS, classification/ STAPHYLOCOCCUS AUREUS, drug effects/ STAPHYLOCOCCUS AUREUS, metabolism/ *STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, metabolism/ TURKEYS, microbiology

5092. **Kushch NL, Mitrofanov EI, Ermolaeva SA:** K voprosu o bolezni Verl'gofa Klin Khir (7):26–9, Jul 76 (Eng. Abstr.) **(Rus)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY

5093. **Kushiro H, Furuta I, Ogawa Z, et al:** [Determination of cholesterol by enzymatic method (author's transl)] Jpn J Clin Pathol 24(8):645–9, Aug 76 **(Jpn)**
*CHOLESTEROL, blood/ HYDROXYSTEROID DEHYDROGENASES, diagnostic use/ LIPOPROTEIN LIPASE, diagnostic use/ METHODS

5094. **Kuster J, Binswanger U, von Felten A:** Nicht-HLA-spezifische antithrombozytäre Autoantikörper bei Patienten nach Nierentransplantation Schweiz Med Wochenschr 106(40):1376, 2 Oct 76 (Eng. Abstr.) **(Ger)**
*AUTOANTIBODIES/ *BLOOD PLATELETS, immunology/ ENGLISH ABSTRACT/ HUMAN/ *KIDNEY, transplantation/ THROMBOPENIA, etiology/ TRANSPLANTATION, HOMOLOGOUS

5095. **Kutcher R, Cohen JR, Gordon DH:** Glomerulonephritis and nephrotic syndrome complicated by renal vein thrombosis and pulmonary emboli: report of two cases.
Am J Roentgenol 128(3):447–9, Mar 77
ADULT/ CASE REPORT/ *GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, radiography/ HUMAN/ MALE/ *NEPHROTIC SYNDROME, complications/ NEPHROTIC SYNDROME, radiography/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, radiography/ *RENAL VEINS/ RENAL VEINS, radiography/ THROMBOSIS, etiology/ THROMBOSIS, radiography

5096. **Kutinová L, Vonka V, Rezáčová D:** Production and some properties of neutralizing antigens of herpes simplex virus.
Acta Virol (Praha) 21(3):189–97, May 77
*ANTIGENS, VIRAL/ CELL LINE/ CYTARABINE, pharmacodynamics/ HERPESVIRUS HOMINIS, drug effects/ HERPESVIRUS HOMINIS, growth & development/ *HERPESVIRUS HOMINIS, immunology/ HUMAN/ NEUTRALIZATION TESTS/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ VIRAL VACCINES/ VIRUS REPLICATION, drug effects

5097. **Kutnick SL, Kerth JD:** Acute sinusitis and otitis: their complications and surgical treatment.
Otolaryngol Clin North Am 9(3):689–701, Oct 76
FACIAL PARALYSIS, etiology/ HUMAN/ LABYRINTH DISEASES, etiology/ MUCORMYCOSIS, etiology/ NOSE DISEASES, etiology/ OSTEITIS, etiology/ OSTEOMYELITIS, etiology/ *OTITIS MEDIA, complications/ OTITIS MEDIA, surgery/ *SINUSITIS, complications/ SINUSITIS, surgery/ THROMBOPHLEBITIS, etiology

5098. **Kuto F, Tokuhiro H, Kikawada R, et al:** [A case of congenital combined deficiency of factor V and factor VIII (author's transl)] Jpn J Clin Hematol 18(2):153–60, Feb 77 (Eng. Abstr.) **(Jpn)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ *FACTOR V DEFICIENCY, complications/ FEMALE/ *HEMOPHILIA, complications/ HUMAN

5099. **Kutti J, Bergström A-L, Lundborg P:** Platelet count after selective beta-receptor blockade [letter].
N Engl J Med 295(19):1079, 4 Nov 76
*ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ADULT/ *BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ CLINICAL RESEARCH/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

5100. **Kutti J, Bergström AL, Ridell B:** Myelofibrosis and rapid thrombocytolysis. A case report. Acta Med Scand 201(3):249–55, 1977
AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW, pathology/ CASE REPORT/ CELL SURVIVAL/ FEMALE/ HEMATOPOIESIS/ HUMAN/ MYELOFIBROSIS, blood/ *MYELOFIBROSIS, complications/ MYELOFIBROSIS, pathology/ PREDNISOLONE, therapeutic use/ SPLENECTOMY/ SPLENOMEGALY, surgery/ THROMBOPENIA, drug therapy/ *THROMBOPENIA, etiology/ THROMBOPENIA, pathology

5101. **Kutti J, Olsson LB, Lundborg P, et al:** The peripheral platelet count in response to intravenous infusion of salbutamol.
Acta Med Scand 201(6):515–7, 1977
ADULT/ ALBUTEROL, administration & dosage/ *ALBUTEROL, pharmacodynamics/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ HEART RATE, drug effects/ HUMAN/ INJECTIONS, INTRAVENOUS/ ISOPROTERENOL, administration & dosage/ ISOPROTERENOL, pharmacodynamics/ MALE

5102. **Kutti J, Bergström AL, Lundborg P:** Metoprolol and the peripheral platelet count. Acta Haematol (Basel) 58(2):89–93, 1977
ADMINISTRATION, ORAL/ ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ *BLOOD

PLATELETS, drug effects/ FEMALE/ HUMAN/ MALE/ METOPROLOL, administration & dosage/ *METOPROLOL, pharmacodynamics/ MIDDLE AGE/ *PROPANOLAMINES, pharmacodynamics/ TIME FACTORS

5103. **Kuwahara SS, Malik M:** Inhibition of bovine factor VIII-induced guinea pig platelet aggregation by simple sugars and derivatives. Am J Hematol 2(2):173–81, 1977
ANIMAL/ BINDING, COMPETITIVE/ BLOOD PLATELETS, physiology/ *CARBOHYDRATES, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FACTOR VIII, antagonists & inhibitors/ GUINEA PIGS/ *PLATELET AGGREGATION, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5104. **Kuwahara SS:** Borate and glycerol inhibition of the aggregation of guinea pig platelets by bovine factor VIII and ristocetin. Am J Hematol 2(2):159–72, 1977
ANIMAL/ BLOOD PLATELETS, physiology/ *BORATES, pharmacodynamics/ CATTLE/ *FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, pharmacodynamics/ *GLYCERIN, pharmacodynamics/ GUINEA PIGS/ *PLATELET AGGREGATION, drug effects/ *RISTOCETIN, antagonists & inhibitors/ RISTOCETIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5105. **Kuzin EM:** Primenenie proteoliticheskikh fermentov i ekteritsida v gnoĭnoĭ khirurgii. Vestn Khir (3):77–9, Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *ANTI-INFECTIVE AGENTS, LOCAL, therapeutic use/ *CHYMOTRYPSIN, therapeutic use/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FISHES/ HUMAN/ OINTMENTS, therapeutic use/ *SKIN DISEASES, INFECTIOUS, therapy/ *TRYPSIN, therapeutic use/ *WOUND INFECTION, therapy

5106. **Kuznetsov AV, Shugaev VA:** Vliianie kompleksona dietilentriaminpentametilfosfonovoĭ kisloty na nekotorye gematologicheski i biokhimicheskie pokazateli u podopytnykh zhivotnykh. Farmakol Toksikol 39(4):448–51, Jun–Aug 76 (Eng. Abstr.) **(Rus)**
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ BLOOD CELLS, cytology/ BLOOD COAGULATION/ CATALASE, metabolism/ CYTOCHROME OXIDASE, metabolism/ ELECTROLYTES, metabolism/ ENGLISH ABSTRACT/ HEMOGLOBINS, analysis/ KIDNEY, enzymology/ LACTATE DEHYDROGENASE, metabolism/ LIVER, enzymology/ MALE/ *ORGANOPHOSPHORUS COMPOUNDS, pharmacodynamics/ OXYGEN CONSUMPTION/ PEROXIDASES, metabolism/ POLYAMINES, pharmacodynamics/ RATS/ SUCCINATE DEHYDROGENASE, metabolism/ SULFHYDRYL COMPOUNDS, blood

5107. **Kuznetsova AV:** Fwnomen 'parakoaguliatsii' i produkty degradatsii fibrinogena–fibrina pri ostrom otravlenii uksusnoĭ essentsiei. Ter Arkh 49(6):139–43, 1977 **(Rus)**
*ACETIC ACIDS, poisoning/ ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HUMAN/ MALE/ MIDDLE AGE

5108. **Kuznetsova IN, Pendin AA:** Dinamika izmeriaemogo okislitel'nogo potentsiala v konservirovannoĭ krovi Biofizika 21(5):867–70, Sep–Oct 76 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION/ *BLOOD/ ENGLISH ABSTRACT/ OXIDATION-REDUCTION/ POTENTIOMETRY

5109. **Kuznik BI, Vorobel' AV, Kotovshchikova MA, et al:** Vliianie intaktnykh leikotsitov bol'nykh khronicheskim limfoleikozom na svertyvanie krovi i fibrinoliz Probl Gematol Pereliv Krovi 22(1):25–9, Jan 77 (Eng. Abstr.) **(Rus)**
AGED/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, blood/ *LEUKOCYTES/ MALE/ MIDDLE AGE

5110. **Kuznik BI, Mishchenko VP, Budazhabon GV, et al:** Deĭstvie vnutrivennykh vlivaniĭ trombina i geterogennoĭ krovi na svertyvaemost' limfy Fiziol Zh SSSR 62(10):1460–5, Oct 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION FACTORS, metabolism/ *BLOOD TRANSFUSION/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HEPARIN, analysis/ LYMPH, analysis/ *LYMPH, metabolism/ MALE/ *THROMBIN, pharmacodynamics/ TRANSPLANTATION, HETEROLOGOUS

5111. **Kuznik BI, Belikov PP, Pinelis TP, et al:** Svertyvaiushchaia i fibrinoliticheskaia aktivnost' sliuny i ee rol' v fiziologii i patologii polosti rta Stomatologiia (Mosk) 55(4):90–4, Jul–Aug 76 **(Rus)**
BLOOD COAGULATION FACTORS, physiology/ *BLOOD COAGULATION/ DIGESTION/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MANDIBULAR FRACTURES, physiopathology/ MENSTRUATION/ *MOUTH DISEASES, physiopathology/ *MOUTH, physiology/ SALIVA, enzymology/ *SALIVA, physiology/ SALIVA, secretion/ THROMBOPLASTIN, physiology/ TOOTH EXTRACTION

5112. **Kuznik BI, Budazhabon GB:** Vliianie razlichnykh doz strikhnina na svertyvaemost' krovi i limfy.
Farmakol Toksikol 39(5):612–5, Sep–Oct 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION, drug effects/ *COAGULANTS/ CONVULSIONS, chemically induced/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ *LYMPH, drug effects/ LYMPH, physiology/ MUSCLES, drug effects/ *STRYCHNINE, administration & dosage/ STRYCHNINE, adverse effects/ STRYCHNINE, pharmacodynamics

5113. **Kuznik BI, Mishchenko VP:** O mekhanizme razvitiia trombogemorragicheskogo sindroma pri vvedenii trombin v razlichnye uchastki sosudistogo rusla.
Patol Fiziol Eksp Ter (3):40–4, May–Jun 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ DOGS/ ENGLISH ABSTRACT/ *HEMORRHAGE, chemically induced/ SYNDROME/ *THROMBIN, poisoning/ *THROMBOSIS, chemically induced

5114. **Kuznik BI, Savushkin AV, Shasaitova MSh:** Otsenka fibrinoliza na koagulografe H-333. Lab Delo (5):281–3, 1977 **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION TESTS, methods/ CLOT RETRACTION/ *FIBRINOLYSIS/ HUMAN

5115. **Kuzuya F, Yoshmine N:** Symposium on the cerebral stroke. (5) Studies on the aspect of plasma fibrinogen and serum lipids relating to apoplexy (author's transl)]
J Jpn Soc Intern Med 65(12):1373–9, 10 Dec 76 **(Jpn)**
ADULT/ ANIMAL/ *CEREBROVASCULAR DISORDERS, blood/ *FIBRINOGEN, analysis/ HUMAN/ *LIPIDS, blood/ MALE/ MIDDLE AGE/ RABBITS/ RATS

5116. **Kvarstein B, Vaage S, Tjönneland S, et al:** The adhesiveness of blood platelets before, during and after cardiopulmonary bypass.
Scand J Thorac Cardiovasc Surg 11(1):57–9, 1977
*CARDIOPULMONARY BYPASS/ HUMAN/ OXYGENATORS/ *PLATELET ADHESIVENESS/ TIME FACTORS

5117. **Kwan SW, Fuller GM:** Immunochemical characterization of fibrinogen induction in rat liver.
Biochim Biophys Acta 475(4):659–68, 19 Apr 77
ANIMAL/ CYTOSOL, metabolism/ ENZYME INDUCTION, drug effects/ *FIBRINOGEN, biosynthesis/ FIBRINOGEN, metabolism/ KINETICS/ LIVER, drug effects/ *LIVER, metabolism/ POLYRIBOSOMES, drug effects/ POLYRIBOSOMES, metabolism/ PRECIPITIN TESTS/ RATS/ TURPENTINE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5118. **Kwan WW, Kwi NK, Chye LE:** Pantopaque pulmonary embolism during myelography. J Neurosurg 46(3):391–3, Mar 77
ADOLESCENCE/ CASE REPORT/ FEMALE/

HUMAN/ *IODOBENZENES/ *IOPHENDYLATE/ *MYELOGRAPHY, adverse effects/ *PULMONARY EMBOLISM, etiology/ SPINAL PUNCTURE, adverse effects

5119. **Kwapiszewski W, Kolwas J:** Otrzymywanie 4-antypirynamidów aminokwasów. II. 4-antypirynamidy DL-leucyny, fenyloalaniny, tyrozyny, kwasu glutaminowego i kwasu epsilon-aminokapronowego Acta Pol Pharm 34(1):45-50, 1977 (Eng. Abstr.) **(Pol)**
*AMINO ACIDS, chemical synthesis/ AMINOCAPROIC ACIDS, chemical synthesis/ *AMINOPYRINE, analogs & derivatives/ AMINOPYRINE, chemical synthesis/ ENGLISH ABSTRACT/ METHODS

5120. **Kwiterovich PO Jr, Farah JR, Brown WV, et al:** The clinical, biochemical, and familial presentation of type V hyperlipoproteinemia in childhood. Pediatrics 59(4):513-25, Apr 77
ADULT/ CASE REPORT/ CHILD/ *CHYLOMICRONS, blood/ FEMALE/ HISTAMINASE, blood/ HUMAN/ *HYPERLIPEMIA, ESSENTIAL FAMILIAL, blood/ HYPERLIPEMIA, ESSENTIAL FAMILIAL, diet therapy/ LIPASE, blood/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, HDL, blood/ *LIPOPROTEINS, VLDL, blood/ MALE/ *TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5121. **Kyei-Mensah K, Somanathan S:** Medical disease and the anaesthetist. Proc R Soc Lond [Biol] 69(10):731-3, Oct 76
ADOLESCENCE/ ADULT/ AGED/ *ANESTHESIA/ DRUG INTERACTIONS/ FEMALE/ HEART DISEASES, complications/ HIP JOINT, surgery/ HUMAN/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ RESPIRATORY TRACT DISEASES, complications/ THROMBOPHLEBITIS, complications

L

5122. **La Bonnardière C:** Association of mouse interferon with liposomes. FEBS Lett 77(2):191-6, 15 May 77
ANIMAL/ BINDING, COMPETITIVE/ BIOLOGICAL ASSAY/ *INTERFERON, metabolism/ INTERFERON, pharmacodynamics/ L CELLS, metabolism/ *LIPOSOMES, metabolism/ MICE/ NEWCASTLE DISEASE VIRUS, drug effects/ PLAQUE ASSAY/ PROTEIN BINDING/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ SONICATION/ TRITONS, pharmacodynamics/ TRYPSIN, metabolism/ VESICULAR STOMATITIS VIRUS, drug effects

5123. **La Cauza C, Pavari E, Guazzelli C, et al:** La trombocitopenia congenita con aplasia radiale. Rassegna sintetica e contributo clinico Minerva Pediatr 28(25):1579-90, 4 Aug 76 (Eng. Abstr.) **(Ita)**
ABNORMALITIES, MULTIPLE/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ *RADIUS, abnormalities/ *THROMBOPENIA, congenital

5124. **La Celle PL, Weed RI, Santillo PA:** Pathophysiologic significance of abnormalities of red cell shape. pp. 1-17.
In: Bolis L, et al., ed. Membranes and disease. New York, Raven Press, 1976. W3 IN169J 1975m. (30 ref.)
ANEMIA, SICKLE CELL, blood/ BLOOD VISCOSITY/ CALCIUM, metabolism/ ELASTICITY/ ERYTHROCYTE MEMBRANE, physiology/ *ERYTHROCYTES, ABNORMAL, physiology/ HEMOLYSIS/ HUMAN/ MATHEMATICS/ MODELS, BIOLOGICAL/ MONOGRAPH/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5125. **Labadie P:** La lipo-protéine lipase ou 'facteur clarifiant' Rev Prat 26(37):2573-6, 1 Sep 76 **(Fre)**
HUMAN/ HYPERLIPEMIA, blood/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, deficiency

5126. **Labarre D, Jozefowicz M, Boffa MC:** Properties of heparin--poly(methyl methacrylate) copolymers. II. J Biomed Mater Res 11(2):283-95, Mar 77
*ANTICOAGULANTS/ CHEMISTRY/ CITRATES/ DRUG INTERACTIONS/ HEPARIN, analysis/ *HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ *METHYLMETHACRYLATE, pharmacodynamics/ POLYMETHACRYLIC ACIDS, pharmacodynamics/ PROTAMINES, pharmacodynamics/ SODIUM CHLORIDE/ THROMBIN, physiology/ TIME FACTORS

5127. **Labastida Muñoz H:** Coagulación intravascular diseminada. Aspectos clínicos, de laboratorio y experimentales Gac Med Mex 112(4):293-306, Oct 76 **(Spa)**
ADOLESCENCE/ ADULT/ AGED/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

5128. **Labbé B:** La cardioversion de l'arythmie complète. Considérations pratiques récentes Nouv Presse Med 6(3):190-4, 22 Jan 77 **(Fre)**
*AURICULAR FIBRILLATION, therapy/ DIGITALIS GLYCOSIDES, administration & dosage/ DIURETICS, administration & dosage/ *ELECTRIC COUNTERSHOCK/ ELECTRIC COUNTERSHOCK, adverse effects/ HEPARIN, administration & dosage/ HUMAN/ QUINIDINE, administration & dosage

5129. **Labotka RJ, Glonek T, Hruby MA, et al:** Phosphorus-31 spectroscopic determinations of the phosphorus metabolite profiles of blood components: erythrocytes, reticulocytes, and platelets. Biochem Med 15(3):311-29, Jun 76
ADENOSINE DIPHOSPHATE, blood/ ADENOSINE MONOPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ ADULT/ ANIMAL/ *BLOOD PLATELETS, analysis/ DIPHOSPHOGLYCERIC ACIDS, blood/ *ERYTHROCYTES, analysis/ HUMAN/ NUCLEAR MAGNETIC RESONANCE/ *PHOSPHATES, blood/ PHOSPHORUS ISOTOPES/ RABBITS/ *RETICULOCYTES, analysis

5130. **Lacey JV, Penner JA:** Management of idiopathic thrombocytopenic purpura in the adult.
Semin Thromb Hemostas 3(3):160-74, Jan 77 (67 ref.)
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ FEMALE/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ PLASMAPHERESIS/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY/ PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, diagnosis/ *PURPURA, THROMBOPENIC, therapy/ REVIEW/ SPLENECTOMY/ THROMBOPENIA, complications

5131. **Lacombe ML, Stengel D, Hanoune J:** Proteolytic activation of adenylate cyclase from rat-liver plasma membranes. FEBS Lett 77(2):159-63, 15 May 77
*ADENYL CYCLASE, metabolism/ ANIMAL/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ FEMALE/ FLUORIDES, pharmacodynamics/ IN VITRO/ *LIVER, enzymology/ LIVER, ultrastructure/ *PEPTIDE HYDROLASES, pharmacodynamics/ RATS/ TIME FACTORS

5132. **Laessig RH, Hassemer DJ, Westgard JO, et al:** Assessment of the serum separator tube as an intermediate storage device within the laboratory. Am J Clin Pathol 66(4):653-7, Oct 76
BLOOD CHEMICAL ANALYSIS/ *BLOOD PRESERVATION, standards/ *BLOOD SPECIMEN COLLECTION, instrumentation/ HUMAN/ TIME FACTORS

5133. **Lagarde M, Dechavanne M:** Increase of platelet prostaglandin cyclic endoperoxides in thrombosis [letter]. Lancet 1(8002):88, 8 Jan 77
BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, metabolism/ CLOFIBRATE,

therapeutic use/ COLLAGEN, pharmacodynamics/ DIPYRIDAMOLE, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ PEROXIDES, blood/ PROSPECTIVE STUDIES/ PROSTAGLANDINS F, analysis/ PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, blood/ PYRIDINES, therapeutic use/ SULFINPYRAZONE, therapeutic use/ THIOPHENES, therapeutic use/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, blood/ THROMBOSIS, drug therapy/ *THROMBOSIS, etiology

5134. **Lagarde M, Dechavanne M:** Thrombin decreases platelet cyclic AMP in the absence of prostaglandin synthesis. Biomedicine [Express] 27(3):110–2, Apr 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ HUMAN/ PROSTAGLANDINS E, biosynthesis/ PROSTAGLANDINS, biosynthesis/ *THROMBIN, pharmacodynamics

5135. **Lagarde M, Gharib A, Dechavanne M:** A simple radiochemical assay of thromboxane B2, 12-hydroxyeicosatetraenoic acid (HETE) and 12-hydroxyheptadecatrienoic acid (HHT) synthetized by human platelets. Clin Chim Acta 79(1):255–9, 15 Aug 77
ARACHIDONIC ACIDS, biosynthesis/ *ARACHIDONIC ACIDS, blood/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, metabolism/ CARBON RADIOISOTOPES, diagnostic use/ CHROMATOGRAPHY, THIN LAYER/ FATTY ACIDS, UNSATURATED, biosynthesis/ *FATTY ACIDS, UNSATURATED, blood/ HUMAN/ HYDROXY ACIDS, biosynthesis/ *HYDROXY ACIDS, blood/ IN VITRO/ LIPIDS, blood/ METHODS/ PYRANS

5136. **Lagarde M, Dechavanne M:** Collagen stimulates more platelet prostaglandin endoperoxides in thrombosis. Biomedicine [Express] 27(3):119–23, Apr 77
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CLINICAL RESEARCH/ *COLLAGEN, pharmacodynamics/ COMPARATIVE STUDY/ HIP, surgery/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ POSTOPERATIVE COMPLICATIONS, blood/ *PROSTAGLANDINS, biosynthesis/ THROMBOPHLEBITIS, blood/ *THROMBOSIS, blood

5137. **Lagarriga J, Gil D, Valdéz C:** Precipitación experimental de la bilis humana. Efecto de la protamina en la solubilización del colesterol y en la estabilidad de la bilis Prensa Med Mex 41(9–10):303–5, Sep–Oct 76 (Eng. Abstr.) **(Spa)**
*BILE, drug effects/ *CHOLESTEROL/ CHOLESTEROL, metabolism/ ENGLISH ABSTRACT/ HUMAN/ PRECIPITATION/ *PROTAMINES, pharmacodynamics

5138. **Lagergren H:** What has been done with regard of blood compatibility? pp. 299–301.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.
ADSORPTION/ ANIMAL/ *BIOCOMPATIBLE MATERIALS/ *BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ BLOOD PROTEINS/ CATTLE/ DOGS/ HEPARIN/ MONOGRAPH/ *OXYGENATORS, MEMBRANE/ POLYMERS/ SURFACE PROPERTIES

5139. **Lagutina LS, Petrova IS:** Vydelenie individual'nykh proteaz iz protofradina Biokhimiia 41(10):1748–52, Oct 76 (Eng. Abstr.) **(Rus)**
*ACTINOMYCES, enzymology/ DRUG STABILITY/ ELASTIN, metabolism/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ METALLOPROTEINS, isolation & purification/ PANCREATOPEPTIDASE, isolation & purification/ PANCREATOPEPTIDASE, metabolism/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ TRYPSIN, isolation & purification

5140. **Lahnborg G, Nylén S, Sylvén C:** Induced fat embolism in rabbits: effects of defibrinogenation and thrombocytopenia. Eur Surg Res 8(5):428–34, 1976
ANIMAL/ ARVIN, pharmacodynamics/ BUSULFAN, pharmacodynamics/ COMPARATIVE STUDY/ *EMBOLISM, FAT/ EMBOLISM, FAT, pathology/ *FIBRINOGEN/ *FIBRINOGEN, metabolism/ FIBRINOGEN, physiology/ LUNG, pathology/ MALE/ ORGAN WEIGHT, drug effects/ PULMONARY EDEMA, etiology/ PULMONARY EDEMA, pathology/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, pathology/ RABBITS/ THROMBOPENIA, chemically induced/ *THROMBOPENIA, complications

5141. **Lahnborg G, Berghem L, Lagergren H, et al:** Influence of thrombin-induced disseminated intravascular coagulation on RES functions in rabbits. Thromb Res 9(6):653–6, Dec 76
ANIMAL/ DISEASE MODELS, ANIMAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, metabolism/ FIBRIN/ RABBITS/ *RETICULOENDOTHELIAL SYSTEM, drug effects/ *THROMBIN, pharmacodynamics

5142. **Lahnborg G, Berghem L, Lagergren H, et al:** Effect of low-dose heparin on the phagocytic and catabolic function in the reticulo-endothelial system in man during surgery. Ann Chir Gynaecol 65(6):376–81, 1976
HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ HUMAN/ *PHAGOCYTOSIS, drug effects/ RETICULOENDOTHELIAL SYSTEM, drug effects/ *RETICULOENDOTHELIAL SYSTEM, physiology/ SERUM ALBUMIN/ *SURGERY, OPERATIVE

5143. **Lahnborg G:** Diagnosis of pulmonary embolism. Triangle 16(1):11–8, 1977
HUMAN/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM, diagnosis/ RADIONUCLIDE IMAGING

5144. **Lai CM, Yacobi A, Levy G:** Relationship between dicumarol distribution and the effect of enzyme induction on dicumarol elimination in rats. J Pharmacol Exp Ther 199(1):74–81, Oct 76
ANIMAL/ BISHYDROXYCOUMARIN, blood/ *BISHYDROXYCOUMARIN, metabolism/ ENZYME INDUCTION, drug effects/ KIDNEY, metabolism/ KINETICS/ LIVER, metabolism/ MALE/ PHENOBARBITAL, pharmacodynamics/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5145. **Lai CY, Mendez E, Chang D, et al:** Primary structure of cholera toxin B-subunit.
Biochem Biophys Res Commun 74(1):215–22, 10 Jan 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BACTERIAL TOXINS/ CHYMOTRYPSIN/ DISULFIDES, analysis/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *VIBRIO CHOLERAE

5146. **Lai JC, Silk DB, Williams R:** Plasma short-chain fatty acids in fulminant hepatic failure. Clin Chim Acta 78(2):305–10, 15 Jul 77
ACETAMINOPHEN, poisoning/ ACUTE DISEASE/ ADOLESCENCE/ ADULT/ CREATININE, blood/ *FATTY ACIDS, VOLATILE, blood/ FEMALE/ *HEPATIC COMA, blood/ HEPATITIS, VIRAL, HUMAN, blood/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME

5147. **Laine A, Hayem A:** Constituants protéiques de liquides de lavages bronchiques humains. Relations avec la défense de l'appareil respiratoire Bull Eur Physiopathol Respir 13(1):47–56, Jan–Feb 77 (51 ref.) (Eng. Abstr.) **(Fre)**
ALPHA 1-ANTITRYPSIN, analysis/ BLOOD PROTEINS, analysis/ *BRONCHI, secretion/ BRONCHITIS, metabolism/ CHROMATOGRAPHY, GEL/ CHRONIC DISEASE/ CHYMOTRYPSIN, antagonists & inhibitors/ ENGLISH ABSTRACT/ EXUDATES AND TRANSUDATES/ GLYCOPROTEINS, analysis/ HUMAN/ IGA, SECRETORY, analysis/ IGG, analysis/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ IRRIGATION/ *PROTEINS, analysis/ *RESPIRATORY TRACT

INFECTIONS, immunology/ REVIEW/ SERUM ALBUMIN, analysis/ *SPUTUM, analysis/ TRANSFERRIN, analysis

5148. **Laishes BA, Roberts E, Burrowes C:** Fibrinolytic activity of adult rat liver cells in primary culture and inhibition by glucocorticoids. Biochem Biophys Res Commun 72(2):462–71, 20 SEP 76
ANIMAL/ CELLS, CULTURED/ *DEXAMETHASONE, pharmacodynamics/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ *HYDROCORTISONE, pharmacodynamics/ KINETICS/ LIVER, drug effects/ *LIVER, metabolism/ LIVER, ultrastructure/ MALE/ RATS

5149. **Laithier M, Sheldrick P:** Influence of DEAE-dextran treatment and cellular 'age' on infection by herpes simplex virus DNA. IARC Sci Publ (11 Pt 1):85–90, 1975
CELL SURVIVAL/ *DEXTRAN, analogs & derivatives/ *DEAE-DEXTRAN, pharmacodynamics/ *DNA, VIRAL/ *HERPESVIRUS HOMINIS/ HERPESVIRUS HOMINIS, drug effects/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics

5150. **Lajos M, Eva S, András S:** Ep billenty®uvel rendelkez®o vena beültetésével szerzett tapasztalataink postthrombotikus syndromában. Orv Hetil 118(31):1846–9, 31 Jul 77 **(Hun)**
HUMAN/ LEG, blood supply/ *THROMBOPHLEBITIS, surgery/ *VEINS, transplantation

5151. **Lake AM, Stuart MJ, Oski FA:** Vitamin E deficiency and enhanced platelet function: reversal following E supplementation. J Pediatr 90(5):722–5, May 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ARACHIDONIC ACIDS, metabolism/ BLOOD PLATELETS, physiopathology/ CASE REPORT/ COLLAGEN, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HUMAN/ INFANT/ PHOSPHOLIPASE, metabolism/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ *VITAMIN D DEFICIENCY, blood/ VITAMIN D DEFICIENCY, drug therapy/ VITAMIN E, pharmacodynamics/ *VITAMIN E, therapeutic use

5152. **Lake BG, Longland RC, Hodgson RA, et al:** The effect of some foreign compounds on hepatic xenobiotic metabolism and on the urinary excretion of D-glucuronic acid metabolites in the rat. Biochem Soc Trans 5(1):308–9, 1977
ANIMAL/ *CARBON TETRACHLORIDE, pharmacodynamics/ *COUMARINS, pharmacodynamics/ *CYTOCHROME P-450, metabolism/ *DISULFIRAM, pharmacodynamics/ *ETHYLMORPHINE-N-DEMETHYLASE, metabolism/ *GLUCURONATES, urine/ MALE/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ ORGAN WEIGHT/ *OXIDOREDUCTASES, N-DEMETHYLATING, metabolism/ RATS/ *UDP GLUCURONOSYLTRANSFERASE, metabolism

5153. **Lake CR, Ziegler MG, Eldridge R, et al:** Catecholamine metabolism in Gilles de la Tourette's syndrome. Am J Psychiatry 134(3):257–60, Mar 77
ADOLESCENCE/ ADULT/ AGE FACTORS/ BLOOD PLATELETS, enzymology/ CATECHOL METHYLTRANSFERASE, blood/ DOPAMINE BETA-HYDROXYLASE, blood/ ERYTHROCYTES, enzymology/ EXERTION/ FAMILY/ FEMALE/ *GILLES DE LA TOURETTE'S DISEASE, blood/ GILLES DE LA TOURETTE'S DISEASE, drug therapy/ GILLES DE LA TOURETTE'S DISEASE, enzymology/ HALOPERIDOL, therapeutic use/ HUMAN/ MALE/ MONOAMINE OXIDASE, blood/ *NOREPINEPHRINE, blood/ POSTURE/ SEX FACTORS

5154. **Lake CR, Ziegler MG, Murphy DL:** Increased norepinephrine levels and decreased dopamine-beta-hydroxylase activity in primary autism. Arch Gen Psychiatry 34(5):553–6, May 77
*AUTISM, EARLY INFANTILE, blood/ AUTISM, EARLY INFANTILE, enzymology/ AUTISM, EARLY INFANTILE, familial & genetic/ AUTISM, EARLY INFANTILE, physiopathology/ BLOOD PLATELETS, enzymology/ *DOPAMINE BETA-HYDROXYLASE, blood/ GENETICS, BEHAVIORAL/ MONOAMINE OXIDASE, blood/ *NOREPINEPHRINE, blood/ POSTURE/ SEX FACTORS/ SYMPATHETIC NERVOUS SYSTEM, physiopathology

5155. **Lakin KM, Obnatanova MS:** Lekarstvennoe vozdeĭstvie na eritrotsitarnyĭ komponent gemostaza (obzor literatury) Farmakol Toksikol 39(3):358–67, May–Jun 76 (191 ref.) **(Rus)**
ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ *ANTICOAGULANTS, pharmacodynamics/ ANTIMALARIALS, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD VISCOSITY/ *ERYTHROCYTE AGGREGATION, drug effects/ ERYTHROCYTES, physiology/ FIBRINOGEN, pharmacodynamics/ GLOBULINS, pharmacodynamics/ HUMAN/ MICROCIRCULATION/ *PLASMA SUBSTITUTES, pharmacodynamics/ REVIEW

5156. **Lakin KM, Ovnatanova MS:** Issledovanie deĭstviia na agregatsiiu eritrotsitov sredstv, primeniaemykh v terapii tromboticheskikh i gemorragicheskikh sostoianii. Kardiologiia 17(5):79–83, May 77 **(Rus)**
ANIMAL/ *ANTICOAGULANTS, pharmacodynamics/ CHONDROITIN SULFATES, pharmacodynamics/ COUMARINS, pharmacodynamics/ *ERYTHROCYTE AGGREGATION, drug effects/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HEPARIN, pharmacodynamics/ NITROBENZENES, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ RABBITS/ STREPTOKINASE, pharmacodynamics/ THROMBIN, pharmacodynamics/ 4-HYDROXYCOUMARINS, pharmacodynamics/ 6-AMINOCAPROIC ACID, pharmacodynamics

5157. **Lalani II:** Massive bleeding from angiomyolipoma of the kidney. Tex Med 73(1):61–6, Jan 77
CASE REPORT/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ *HEMORRHAGE, etiology/ HUMAN/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, pathology/ *LIPOMA, complications/ LIPOMA, pathology/ MIDDLE AGE/ *RETROPERITONEAL SPACE

5158. **Laliberté F, Sapin C, Bellon B, et al:** Study of experimental glomerulonephritis and of normal glomerular protein filtration by immunoperoxidase. pp. 409–18. In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975. (Eng. Abstr.)
ANIMAL/ BASEMENT MEMBRANE, metabolism/ BIOLOGICAL TRANSPORT/ *BLOOD PROTEINS, metabolism/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ GLOMERULONEPHRITIS, etiology/ *GLOMERULONEPHRITIS, metabolism/ HUMAN/ IGA, metabolism/ IGG, metabolism/ IMMUNE COMPLEX DISEASE, complications/ IMMUNOENZYME TECHNICS/ *KIDNEY GLOMERULUS, metabolism/ KIDNEY GLOMERULUS, ultrastructure/ RATS/ SERUM ALBUMIN, metabolism

5159. **Laliberte R, Chakrabarti S, Brodeur J:** The influence of fasting on the disposition of warfarin in rats. J Pharmacol Exp Ther 200(1):44–51, Jan 77
ANIMAL/ BLOOD PROTEINS, metabolism/ *FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ FATTY ACIDS, NONESTERIFIED, metabolism/ LIVER, metabolism/ MALE/ PROTEIN BINDING/ RATS/ TIME FACTORS/ WARFARIN, blood/ *WARFARIN, metabolism/ WARFARIN, urine

5160. **Lalich JL, Johnson WD, Raczniak TJ, et al:** Fibrin thrombosis in monocrotaline pyrrole-induced cor pulmonale in rats. Arch Pathol Lab Med 101(2):69–73, Feb 77
ANIMAL/ ENDOTHELIUM, pathology/ *FIBRIN/ HEART ENLARGEMENT, etiology/ HEART ENLARGEMENT, pathology/

HYPERTENSION, PULMONARY, etiology/ LUNG, pathology/ MALE/ *PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, pathology/ *PULMONARY HEART DISEASE, chemically induced/ PULMONARY HEART DISEASE, complications/ PULMONARY HEART DISEASE, pathology/ PYRROLES/ *PYRROLIZIDINE ALKALOIDS, toxicity/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5161. **Lamarque JL, Nahum H:** L'artériographie dans les traumatismes anciens du foie
J Radiol Electrol Med Nucl 57(8-9):650-3, Aug-Sep 76 **(Fre)**
ANEURYSM, radiography/ ARTERIOVENOUS FISTULA, radiography/ HEMATOMA, radiography/ HUMAN/ *LIVER CIRCULATION/ *LIVER, injuries/ LIVER, radiography/ MALE/ MIDDLE AGE/ TIME FACTORS

5162. **Lamas L, Ingbar SH:** The effect of iodine on the susceptibility of thyroglobulin to proteolysis by a thyroid proteolytic fraction. pp. 213-6.
In: Robbins J, et al., ed. Thyroid research. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.378 1975.
ANIMAL/ GLUTATHIONE, pharmacodynamics/ IODINE, deficiency/ *IODINE, pharmacodynamics/ KINETICS/ LYSOSOMES, drug effects/ *LYSOSOMES, metabolism/ MONOGRAPH/ PEPTIDE HYDROLASES, metabolism/ RATS/ SWINE/ *THYROGLOBULIN, metabolism/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism

5163. **Lamas L, Taurog A:** The importance of thyroglobulin structure in thyroid peroxidase-catalyzed conversion of diiodotyrosine to thyroxine. Endocrinology 100(4):1129-36, Apr 77
CASEIN/ *DIIODOTYROSINE, metabolism/ FIBRINOGEN/ GUANIDINES/ HUMAN/ *IODIDE PEROXIDASE, metabolism/ LACTOPEROXIDASE, metabolism/ MACROMOLECULAR SYSTEMS/ *PEROXIDASES, metabolism/ PROTEIN CONFORMATION/ *THYROGLOBULIN, pharmacodynamics/ *THYROXINE, biosynthesis/ TRIIODOTHYRONINE, biosynthesis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5164. **Lambert CJ:** Cardiopulmoanry bypass hemorrhage: a surgeon's point of view. Semin Thromb Hemostas 3(2):90-7, Oct 76
BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS, instrumentation/ BLOOD GAS ANALYSIS/ BLOOD PRESSURE/ BLOOD TRANSFUSION/ BLOOD/ CARDIOPULMONARY BYPASS, adverse effects/ *CARDIOPULMONARY BYPASS, methods/ FIBRINOLYSIS/ HEMORRHAGE, etiology/ *HEMORRHAGE, prevention & control/ HEMORRHAGE, therapy/ *HEMOSTASIS/ HUMAN/ SERUM ALBUMIN, administration & dosage

5165. **Lammerant-Guillemare E, Corcelle-Cerf F, Lammerant J:** Cyclic 3',5'-adenosine monophosphate level and adenylate cyclase activity in human blood platelets during storage in ACD solution. Blut 34(4):329-32, Apr 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ *ADENYL CYCLASE, blood/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, enzymology/ CITRATES/ GLUCOSE/ HUMAN/ PROSTAGLANDINS E/ SODIUM/ TIME FACTORS/ TISSUE PRESERVATION

5166. **Lamotte-Barrillon S, Carbon C, Bernard JF, et al:** Leucémie a éosinophiles et coagulation intra-vasculaire disséminée Sem Hop Paris 52(16):987-98, 23 Apr 76 (99 ref.) (Eng. Abstr.) **(Fre)**
AGED/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ *EOSINOPHILS/ EOSINOPHILS, physiology/ HUMAN/ *LEUKEMIA, complications/ LEUKEMIA, diagnosis/ MALE/ REVIEW/ SYNDROME

5167. **Lampe M, Kiernan JA:** Cytochemical variation of mast cells in the skin of the rat. Arch Dermatol Res 258(1):69-80, 25 Mar 77
ANIMAL/ BLOOD VESSELS, cytology/ CYTOPLASMIC GRANULES, analysis/ HEPARIN, analysis/ HISTOCYTOCHEMISTRY/ *MAST CELLS/ MAST CELLS, analysis/ MAST CELLS, cytology/ MUCOPOLYSACCHARIDES, analysis/ RATS/ RECEPTORS, CONCANAVALIN A, analysis/ SKIN, analysis/ SKIN, blood supply/ *SKIN, cytology

5168. **Lampert F, Lau B:** Bone marrow hypoplasia in anorexia nervosa. Eur J Pediatr 124(1):65-71, 9 Dec 76
ADOLESCENCE/ ANOREXIA NERVOSA, blood/ *ANOREXIA NERVOSA, complications/ BLOOD UREA NITROGEN/ *BONE MARROW DISEASES, etiology/ CHILD/ FEMALE/ HUMAN/ LEUKOPENIA, etiology/ MALE/ THROMBOPENIA, etiology

5169. **Lampert IA, Jones PD, Sadler TE, et al:** Intravascular coagulation resulting from intravenous injection of C. parvum in mice. Br J Cancer 36(1):15-22, Jul 77
ANIMAL/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ FEMALE/ INJECTIONS, INTRAVENOUS/ LIVER, blood supply/ LIVER, pathology/ LUNG, blood supply/ LUNG, pathology/ MICE/ MICE, INBRED C57BL/ *PROPIONIBACTERIUM ACNES/ SPLEEN, blood supply/ SPLEEN, pathology/ THROMBOSIS, etiology/ TIME FACTORS

5170. **Lampkin SL 4h, Cole KW, Vitto A, et al:** The protease problem in Neurospora. Variable stability of enzymes in aromatic amino acid metabolism.
Arch Biochem Biophys 177(2):561-5, Dec 76
ANTHRANILATE SYNTHASE/ BACTERIAL PROTEINS, physiology/ DRUG STABILITY/ HEAT/ KINETICS/ *NEUROSPORA CRASSA, enzymology/ *NEUROSPORA, enzymology/ *PEPTIDE HYDROLASES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5171. **Lancourt JE, Gilbert MS, Posner MA:** Management of bleeding and associated complications of hemophilia in the hand and forearm. J Bone Joint Surg [Am] 59(4):451-60, Jun 77
CONTRACTURE, etiology/ CONTRACTURE, therapy/ FACTOR IX, therapeutic use/ FACTOR VIII, therapeutic use/ *FOREARM/ FRACTURES, complications/ FRACTURES, therapy/ *HAND/ HEMARTHROSIS, therapy/ HEMATOMA, etiology/ HEMATOMA, therapy/ *HEMOPHILIA, complications/ HEMORRHAGE, etiology/ HEMORRHAGE, therapy/ HUMAN/ MALE/ MUSCULAR DISEASES, etiology/ MUSCULAR DISEASES, therapy/ SPLINTS/ VOLKMANN'S CONTRACTURE, etiology/ VOLKMANN'S CONTRACTURE, therapy

5172. **Landa MI:** Podkozhnyĭ otryv dvuglavoĭ myshtsy plecha v sochetanii s ushibom i trombozom podmyshechnoĭ arterii. Vestn Khir (3):132, Mar 77 **(Rus)**
ADULT/ ARM INJURIES, complications/ *AXILLARY ARTERY/ AXILLARY ARTERY, injuries/ CASE REPORT/ CONTUSIONS/ HUMAN/ MALE/ *MUSCLES, injuries/ *SPRAINS AND STRAINS, complications/ *THROMBOSIS, complications

5173. **Landaburu RH, De Lamo R:** Effect of a piutitary peptide on liver tissue respiration. Proc Soc Exp Biol Med 155(3):377-81, Jul 77
ANIMAL/ BLOOD COAGULATION FACTORS, biosynthesis/ EPINEPHRINE, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ HYPOTHALAMUS, physiology/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ *OXYGEN CONSUMPTION, drug effects/ *PITUITARY HORMONES, ANTERIOR, pharmacodynamics/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5174. **Landauer B:** Probleme der Langzeitnarkose, dargelegt am Beispiel der Mikrochirurgie.
Anaesthesiol Intensivmed Prax 13(1):49-58, Feb 77 **(Ger)**
*ANESTHESIA/ ANESTHESIA, mortality/ ANESTHESIA, INHALATION/ DEXTRAN/ ENFLURANE/ HALOTHANE/ HEPARIN/

HUMAN/ METHOXYFLURANE/ *MICROSURGERY/ NITROUS OXIDE/ TIME FACTORS

5175. **Landefeld TD, McWilliams DR, Boime I:** The isolation of mRNA encoding the alpha subunit of human chorionic gonadotropin. Biochem Biophys Res Commun 72(2):381–90, 20 SEP 76
FEMALE/ *GONADOTROPINS, CHORIONIC, biosynthesis/ HUMAN/ METHIONINE, metabolism/ PEPTIDE FRAGMENTS, analysis/ *PLACENTA, metabolism/ PREGNANCY TRIMESTER, FIRST/ PREGNANCY/ *RNA, MESSENGER, isolation & purification/ RNA, MESSENGER, metabolism/ TRANSLATION, GENETIC/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5176. **Landmann H:** Biochemische Aspekte der Streptokinasewirkung Folia Haematol (Leipz) 103(3):437–44, 1976 **(Ger)**
FIBRIN, antagonists & inhibitors/ FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS, drug effects/ HUMAN/ PLASMINOGEN ACTIVATORS, metabolism/ PLASMINOGEN, metabolism/ *STREPTOKINASE, pharmacodynamics

5177. **Landon J, Carney J, Langley D:** The measurement of enzymes by radioimmunoassay: a review. Ann Clin Biochem 14(2):90–9, Mar 77 (55 ref.)
ANIMAL/ ANTIBODIES/ ANTIBODY SPECIFICITY/ BIOCHEMISTRY/ CATALYSIS/ CHEMISTRY, CLINICAL/ COMPARATIVE STUDY/ CREATINE KINASE, blood/ ENZYME INHIBITORS, pharmacodynamics/ *ENZYMES, analysis/ ENZYMES, immunology/ HUMAN/ ISOENZYMES, analysis/ ISOENZYMES, blood/ MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, enzymology/ PEPTIDE HYDROLASES, blood/ *RADIOIMMUNOASSAY/ RADIOIMMUNOASSAY, methods/ REVIEW

5178. **Landowski J:** Niektóre parametry kinetyczne MAO płytek krwi u chorych z zespołami depresyjnymi cyklofrenicznymi. Psychiatr Pol 11(2):151–7, Mar–Apr 77 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, enzymology/ CYCLOTHYMIC PERSONALITY, blood/ *CYCLOTHYMIC PERSONALITY, enzymology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KINETICS/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ *PERSONALITY DISORDERS, enzymology

5179. **Lane AC, Rance MJ, Walter DS:** Subcellular localisation of leucine-enkephalin-hydrolysing activity in rat brain. Nature 269(5623):75–6, 1 Sep 77
ANIMAL/ *BRAIN, enzymology/ BRAIN, ultrastructure/ *ENKEPHALINS, metabolism/ HYDROGEN-ION CONCENTRATION/ *OLIGOPEPTIDES, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, blood/ PEPTIDE HYDROLASES, cerebrospinal fluid/ *PEPTIDE HYDROLASES, metabolism/ RATS/ SUBCELLULAR FRACTIONS, enzymology/ SYNAPTIC MEMBRANES, enzymology/ SYNAPTOSOMES, enzymology

5180. **Lane DA, Scully MF, Kakkar VV:** A method for characterising serum fibrinogen and fibrin degradation products. Thromb Res 9(2):191–200, Aug 76
*FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, blood/ *FIBRINOGEN, analysis/ HUMAN/ *IMMUNOLOGIC TECHNICS/ THROMBOSIS, blood

5181. **Lane DA, Rampling MW, Kakkar VV:** A comparison of the sulphite and thrombin methods for measuring fibrinogen concentration of plasma from patients undergoing thrombolytic therapy. Clin Chim Acta 71(1):15–9, 16 Aug 76
COMPARATIVE STUDY/ EVALUATION STUDIES/ *FIBRINOGEN, analysis/ HUMAN/ METHODS/ PLASMINOGEN, therapeutic use/ STREPTOKINASE, therapeutic use/ SULFITES/ THROMBIN/ *THROMBOSIS, drug therapy/ TIME FACTORS

5182. **Lane DA, Scully MF, Thomas DP, et al:** Acquired dysfibrinogenaemia in acute and chronic liver disease. Br J Haematol 35(2):301–8, Feb 77
ACUTE DISEASE/ ARVIN, metabolism/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ *LIVER DISEASES, complications/ REPTILASE, metabolism/ THROMBIN, metabolism

5183. **Lane DA, Robbins A, Rampling MW, et al:** SDS polyacrylamide gel characterization of serum FDP produced in response to ancrod and streptokinase/plasminogen infusion in man. Br J Haematol 36(1):137–48, May 77
ARTERIAL OCCLUSIVE DISEASES, blood/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *ARVIN, therapeutic use/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, biosynthesis/ FIBRINOGEN, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ *PLASMINOGEN, therapeutic use/ *STREPTOKINASE, therapeutic use/ THROMBOSIS, blood/ THROMBOSIS, drug therapy

5184. **Lane DA, Scully MF, Kakkar VV:** Prolonged thrombin clotting times in liver disease [letter] Thromb Res 10(5):773–4, May 77
BLOOD COAGULATION TESTS/ FIBRINOGEN, analysis/ HUMAN/ *LIVER DISEASES, blood/ *THROMBIN

5185. **Langdon JR, McDonald TP:** Effects of chronic hypoxia on platelet production in mice. Exp Hematol 5(3):191–8, May 77
ANIMAL/ *ANOXIA, physiopathology/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ CHICK EMBRYO/ CHRONIC DISEASE/ DOGS/ ERYTHROCYTE COUNT/ FEMALE/ *HEMATOPOIESIS/ IMMUNE SERUMS, pharmacodynamics/ MALE/ MICE/ MICE, INBRED BALB C/ MICE, INBRED C3H/ SPLENECTOMY

5186. **Langer B, dos Reis JM, Camargo EE, et al:** Consumo de fibrinogênio-125I em portadores de esquistossomose mansônica na forma hepatosplênica AMB 22(12):449–53, Dec 76 (Eng. Abstr.) **(Por)**
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, metabolism/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ LIVER, metabolism/ MALE/ MIDDLE AGE/ SCHISTOSOMA MANSONI/ *SCHISTOSOMIASIS, metabolism/ SPLEEN, metabolism/ THROMBOSIS, metabolism

5187. **Langer R, Folkman J:** Polymers for the sustained release of proteins and other macromolecules. Nature 263(5580):797–800, 28 Oct 76
ALKALINE PHOSPHATASE, administration & dosage/ ANGIOGENESIS FACTOR, administration & dosage/ ANIMAL/ CATALASE, administration & dosage/ *DELAYED-ACTION PREPARATIONS/ INFLAMMATION, etiology/ MOLECULAR WEIGHT/ MURAMIDASE, administration & dosage/ *POLYMERS/ POLYMERS, adverse effects/ RABBITS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN INHIBITORS, administration & dosage

5188. **Langeron P:** A propos des syndromes veineux de la traversée thoraco-brachiale Phlebologie 29(2):151–6, Apr–Jun 76 (Eng. Abstr.) **(Fre)**
AGED/ *ARM, blood supply/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PHLEBITIS, etiology/ PHLEBITIS, radiography/ *SUBCLAVIAN VEIN/ SUBCLAVIAN VEIN, radiography/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, radiography/ THROMBOPHLEBITIS, surgery

5189. **Langeron P:** Diagnostic des syndromes veineux de la racine du membre supérieur thrombose ou compression Praxis 65(46):1432–4, 16 Nov 76 (Eng. Abstr.) **(Fre)**
CONSTRICTION, PATHOLOGIC, complications/ ENGLISH ABSTRACT/ HUMAN/ PHLEBOGRAPHY, methods/ *SCALENUS ANTICUS SYNDROME, diagnosis/ *THROMBOSIS, complications

5190. **Langille BL, Jones DR:** Examination of elastic non-uniformity in the arterial system using a hydraulic model. J Biomech 9(12):755–61, 1976
ARTERIES, anatomy & histology/ *ARTERIES, physiology/ BLOOD PRESSURE/ BLOOD VISCOSITY/ *ELASTICITY/ HYDROSTATIC PRESSURE/ *MODELS, BIOLOGICAL/ *RHEOLOGY/ VISCOSITY

5191. **Langlois J, Binet JP, Planche C, et al:** Le traitement chirurgical de l'embolie pulmonaire aiguë massive Ann Med Interne (Paris) 127(10):785–91, Oct 76 **(Fre)**
ACUTE DISEASE/ HUMAN/ *PULMONARY EMBOLISM, surgery

5192. **Langner A, Wolska H:** Fotochemoterapia łuszczycy przy pomocy doustnie stosowanych psoralenów i naświetlań długimi promieniami ultrafioletowymi Przegl Dermatol 63(4):405–10, Jul–Aug 76 (Eng. Abstr.) **(Pol)**
ADMINISTRATION, ORAL/ *COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ FICUSIN, administration & dosage/ *FICUSIN, therapeutic use/ HUMAN/ PSORIASIS, drug therapy/ PSORIASIS, radiotherapy/ *PSORIASIS, therapy/ *ULTRAVIOLET THERAPY

5193. **Langner A, Wolska H, Kowalski J, et al:** Photochemotherapy (PUVA) and psoriasis: comparison of 8-MOP and 8-MOP/5-MOP. Int J Dermatol 15(9):688–9, Nov 76
COMPARATIVE STUDY/ *COUMARINS, analogs & derivatives/ FEMALE/ *FICUSIN, analogs & derivatives/ FICUSIN, therapeutic use/ HUMAN/ *LIGHT, therapeutic use/ MALE/ *METHOXSALEN, therapeutic use/ PSORIASIS, drug therapy/ *PSORIASIS, therapy

5194. **Langner RO, Modrak JB:** Aortic collagen synthesis in rabbits following removal of atherogenic diet.
Exp Mol Pathol 26(2):310–7, Apr 77
ANIMAL/ AORTA, enzymology/ *AORTA, metabolism/ *ARTERIOSCLEROSIS, metabolism/ ATHEROSCLEROSIS, diet therapy/ ATHEROSCLEROSIS, enzymology/ *ATHEROSCLEROSIS, metabolism/ CHOLESTEROL, DIETARY, metabolism/ *COLLAGEN, biosynthesis/ *DIET, ATHEROGENIC/ MALE/ ORGAN WEIGHT/ PROLINE HYDROXYLASE, metabolism/ RABBITS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5195. **Lanitis G, Meylan P, Waridel D:** Thrombose de la veine mésentérique supérieure et ascaridiase
Rev Med Suisse Romande 96(12):931–9, Dec 76 **(Fre)**
AGED/ *ASCARIASIS, complications/ *ASCARIDIASIS, complications/ CASE REPORT/ HUMAN/ MALE/ *MESENTERIC VASCULAR OCCLUSION, etiology/ MESENTERIC VEINS/ *THROMBOPHLEBITIS, etiology

5196. **Lankin VZ, Gurevich SM, Kotelevtseva NV, et al:** Rol' perekiseĭ lipidov v patogenese ateroskleroza. Detoksikatsiia lipoperekiseĭ glutation-peroksidaznoĭ sistemoĭ v aorte Vopr Med Khim 22(3):392–5, May–Jun 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *AORTA, enzymology/ *AORTIC DISEASES, etiology/ AORTIC DISEASES, metabolism/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, metabolism/ BIOTRANSFORMATION/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ ERYTHROCYTES, enzymology/ *GLUTATHIONE PEROXIDASE, metabolism/ *LIPIDS, metabolism/ MALE/ NADP, metabolism/ OXIDATION-REDUCTION/ *PEROXIDASES, metabolism/ *PEROXIDES, metabolism/ RABBITS

5197. **Lankin VZ, Kotelevtseva NV, Tikhaze AK, et al:** Uvelichenie soderzhaniia perekiseĭ lipidov v krovi i aortakh krolikov s éksperimental'nym ateroskleroz om Vopr Med Khim 22(4):513–7, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ AORTA, analysis/ *AORTA, metabolism/ *ARTERIOSCLEROSIS, metabolism/ *ATHEROSCLEROSIS, metabolism/ AUTOANALYSIS/ CHOLESTEROL, analysis/ COMPARATIVE STUDY/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ FATTY ACIDS, UNSATURATED, analysis/ LIPIDS, analysis/ *LIPIDS, metabolism/ MALE/ PEROXIDES, analysis/ *PEROXIDES, metabolism/ PHOSPHOLIPIDS, analysis/ POLAROGRAPHY, methods/ RABBITS/ SPECTROMETRY, FLUORESCENCE/ TRIGLYCERIDES, analysis

5198. **Lankisch PG, Fölsch UR, Köstering H, et al:** Inhibition by somatostatin of pancreatic juice and enzyme secretion and gallbladder contraction induced by secretin, cholecystokinin-pancreozymin and carbachol administration. Z Gastroenterol [Verh] (10):51–5, 1976
AMYLASE, metabolism/ BILIRUBIN, metabolism/ *CARBACHOL, administration & dosage/ CHOLECYSTOKININ, administration & dosage/ *GALLBLADDER, drug effects/ *GASTROINTESTINAL HORMONES, administration & dosage/ HUMAN/ MALE/ *PANCREAS, drug effects/ PANCREATIC JUICE, enzymology/ *PANCREATIC JUICE, secretion/ SECRETIN, administration & dosage/ *SOMATOTROPIN RELEASE INHIBITING HORMONE, pharmacodynamics/ STIMULATION, CHEMICAL/ TRYPSIN, metabolism

5199. **Lapetina EG, Schmitges CJ, Chandrabose K, et al:** Cyclic adenosine 3',5'-monophosphate and prostacyclin inhibit membrane phospholipase activity in platelets.
Biochem Biophys Res Commun 76(3):828–35, 6 Jun 77
ANIMAL/ ARACHIDONIC ACIDS, blood/ ARACHIDONIC ACIDS, metabolism/ *BLOOD PLATELETS, enzymology/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ HORSES/ *PHOSPHOLIPASE, antagonists & inhibitors/ PHOSPHOLIPASE, blood/ PHOSPHOLIPIDS, blood/ PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS, pharmacodynamics/ THROMBIN, antagonists & inhibitors/ THROMBIN, metabolism/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, antagonists & inhibitors

5200. **Larcan A, Lambert H, Laprevote-Heully MC, et al:** Coagulopathie de consommation et états d'acidose chez le diabétique Diabete Metab 2(1):33–40, Mar 76 (Eng. Abstr.) **(Fre)**
*ACIDOSIS, DIABETIC, complications/ ADOLESCENCE/ BLOOD COAGULATION TESTS/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LACTATES, blood/ MALE/ MIDDLE AGE/ RECURRENCE

5201. **Larcan A, Lambert H, Laprevote-Heully MC, et al:** Les coagulopathies aiguës de consommation. 120 observations Nouv Presse Med 5(41):2771–6, 4 Dec 76 (Eng. Abstr.) **(Fre)**
*DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ FEMALE/ HEMOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ INFECTION, complications/ MALE/ PREGNANCY COMPLICATIONS/ PREGNANCY/ RESUSCITATION/ SHOCK, complications

5202. **Larcan A, Stoltz JF, Laprevote-Heully MC, et al:** La pression de filtration du plasma riche en plaquettes (PRP) au cours de diverses agressions Agressologie 17(6):379–88, 1976 (Eng. Abstr.) **(Fre)**
*BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, etiology/ CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, POSTPARTUM, complications/ HUMAN/ KIDNEY FAILURE, ACUTE, complications/ *PLATELET AGGREGATION/ PREGNANCY/ PRESSURE/ SHOCK, SEPTIC, complications/ THROMBOEMBOLISM, complications

5203. **Larke RP, Turpie AG, Scott S, et al:** Paramyxovirus-induced platelet aggregation. Requirement for neuraminic acid receptors on platelets. Lab Invest 37(2):150–7, Aug 77
ANIMAL/ BINDING SITES/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ HEMAGGLUTINATION, VIRAL/ HEMOLYSIS/ IN VITRO/ MICROSCOPY, ELECTRON/ *NEURAMINIC ACIDS, blood/ NEURAMINIDASE, pharmacodynamics/ NEWCASTLE DISEASE VIRUS, immunology/ NEWCASTLE DISEASE VIRUS, metabolism/ *NEWCASTLE DISEASE VIRUS, physiology/ NEWCASTLE DISEASE VIRUS, ultrastructure/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ RABBITS/ *RECEPTORS, DRUG, metabolism

5204. **Larose L, Morisset J:** Acinar cell responsiveness to urecholine in the rat pancreas during fetal and early postnatal growth. Gastroenterology 73(3):530–3, Sep 77
AMYLASE, metabolism/ ANIMAL/ *BETHANECHOL COMPOUNDS, pharmacodynamics/ CHYMOTRYPSIN, metabolism/ FEMALE/ LIPASE, metabolism/ *PANCREAS, cytology/ PANCREAS, drug effects/ PANCREAS, embryology/ PANCREAS, enzymology/ PANCREAS, growth & development/ PANCREAS, metabolism/ PREGNANCY/ RATS/ STIMULATION, CHEMICAL

5205. **Larrain C, Marinakis A, Concha G:** Trombastenia: estudio clínico y de las pruebas de función plaquetaria en 3 casos. Rev Med Chil 101(12):961–5, Dec 73 (Eng. Abstr.) **(Spa)**
BLOOD TRANSFUSION/ CASE REPORT/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ MALE/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ *PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, familial & genetic/ PURPURA, THROMBOPENIC, therapy/ SYNDROME

5206. **Larrieu MJ:** Les troubles de l'hémostase et de la coagulation chez les cirrhotiques Rev Prat 26(51):3651–62, 11 Nov 76 (Eng. Abstr.) **(Fre)**
*BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ HUMAN/ *LIVER CIRRHOSIS, complications/ *THROMBOPENIA, etiology

5207. **Larsen B:** Redistribution of polycations bound to lymphocytes. Mol Cell Biochem 15(2):117–23, 12 Apr 77
CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ DEAE-DEXTRAN, pharmacodynamics/ HUMAN/ *LYMPHOCYTES, drug effects/ *LYMPHOCYTES, metabolism/ MEMBRANE PROTEINS, metabolism/ MICE/ POLYLYSINE, pharmacodynamics/ PROTAMINES, pharmacodynamics/ SERUM ALBUMIN, pharmacodynamics/ TEMPERATURE/ TIME FACTORS

5208. **Larsen D, Shaw E:** Active-site-directed alkylation of chymotrypsin by reagents utilizing various departing groups. J Med Chem 19(11):1284–6, Nov 76
*ALKYLATING AGENTS, chemical synthesis/ ALKYLATING AGENTS, pharmacodynamics/ *CHYMOTRYPSIN, antagonists & inhibitors/ COMPARATIVE STUDY/ IN VITRO/ PHENYLALANINE, analogs & derivatives/ PHENYLALANINE, chemical synthesis/ PHENYLALANINE, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5209. **Larsen EH, Damholt V:** Intraneuralt haemangiom i perifer nerve Ugeskr Laeger 139(17):1006–7, 25 Apr 77 (Eng. Abstr.) **(Dan)**
ADOLESCENCE/ CASE REPORT/ ENGLISH ABSTRACT/ *HEMANGIOMA/ HEMANGIOMA, therapy/ HUMAN/ MALE/ *PERIPHERAL NERVE NEOPLASMS/ PERIPHERAL NERVE NEOPLASMS, therapy

5210. **Larsen FS:** Standardiseret Ivy-blødningstid Ugeskr Laeger 139(21):1236–7, 23 May 77 (Eng. Abstr.) **(Dan)**
ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, instrumentation/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

5211. **Larsen GL, Alexander JA, Stanford W:** Thromboembolic phenomena in patients with prosthetic aortic valves who did not receive anticoagulants. Ann Thorac Surg 23(4):323–6, Apr 77
ADULT/ *ANTICOAGULANTS, therapeutic use/ *AORTIC VALVE, surgery/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, occurrence/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ TEXAS/ THROMBOEMBOLISM, occurrence/ *THROMBOEMBOLISM, prevention & control

5212. **Larsen JP:** Nekrose av finger etter arteria radialiskanylering Tidsskr Nor Laegeforen 97(13):640–1, 10 May 77 (Eng. Abstr.) **(Nor)**
ADULT/ AGED/ *ARM, blood supply/ ARTERIES/ BLOOD COAGULATION DISORDERS, chemically induced/ CASE REPORT/ *CATHETERIZATION, adverse effects/ DIAZEPAM, adverse effects/ ENGLISH ABSTRACT/ *FINGERS, blood supply/ *GANGRENE, etiology/ HUMAN/ MALE/ NECROSIS/ SEPTICEMIA, complications/ THUMB, blood supply

5213. **Larsen WJ, Heidger PM, Herr JC:** 'Central fold' or true junctional profile [letter]? J Cell Biol 71(1):333–5, Oct 76
*INTERCELLULAR JUNCTIONS, ultrastructure/ TRYPSIN

5214. **Larsson B, Karlsson K, Liedholm P, et al:** Fibrinolytic activity of the endometrium in diabetic women using Cu-IUDs. Contraception 15(6):711–16, Jun 77
ADULT/ COPPER/ *DIABETES MELLITUS, physiopathology/ *ENDOMETRIUM, physiopathology/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *INTRAUTERINE DEVICES

5215. **Larsson RL, Hjelte MB, Eriksson JC, et al:** The stability of glutardialdehyde-stabilized 35-heparinized surfaces in contact with blood. Thromb Haemostas 37(2):262–73, 30 Apr 77
ADSORPTION/ *BLOOD/ *HEPARIN, pharmacodynamics/ HUMAN/ *POLYMERS/ SURFACE PROPERTIES/ TIME FACTORS

5216. **Lasch HG:** Antikoagulantientherapie bei Herzinfarkt Med Welt 28(15):700–3, 15 Apr 77 **(Ger)**
*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION DISORDERS, etiology/ COUMARINS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, prevention & control/ THROMBOSIS, complications

5217. **Lasch HG:** Blutgerinnung und ihre Störungen bei portaler Hypertension. Verh Dtsch Ges Inn Med 82 Pt 1:190–8, 1976 **(Ger)**
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, therapeutic use/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRINOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ *HYPERTENSION, PORTAL, complications

5218. **Lasch J, Koelsch R, Roth P, et al:** Untersuchungen zur Hydrolyse von Proteinen durch immobilisierte Enzyme Acta Biol Med Ger 35(6):735–43, 1976 (Eng. Abstr.) **(Ger)**
AMINOPEPTIDASES, metabolism/ CARBOXYPEPTIDASES, metabolism/ ENGLISH ABSTRACT/ HYDROLYSIS/ INSULIN, metabolism/ LEUCINE/ MURAMIDASE, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *PROTEINS, metabolism/ SEPHAROSE/ SERUM ALBUMIN, BOVINE, metabolism/ TRYPSIN

5219. **Lashchevker VM:** O diagnostike i lechenii pankreonekroza Vestn Khir 116(1):93–4, Jan 76 **(Rus)**
HUMAN/ HYPOTHERMIA, INDUCED/ NECROSIS/ *PANCREAS, pathology/ PANCREAS, surgery/ *PANCREATIC DISEASES, pathology/ PANCREATIC DISEASES, therapy/ TRYPSIN INHIBITORS, therapeutic use

5220. **Lasierra Cirujeda L, Viladés Juan E, Fernández Clemente JJ, et al:** Estreptoquinasa (SK.) en el infarto agudo de miocardio Rev Clin Esp 144(4):251–7, 28 Feb 77 (Eng. Abstr.) **(Spa)**
ACUTE DISEASE/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ *STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use/ TIME FACTORS

5221. **Lasker SE:** The heterogeneity of heparins. Fed Proc 36(1):92–7, Jan 77
BLOOD COAGULATION, drug effects/ CATTLE/ *HEPARIN/ HEPARIN, analysis/ HEPARIN, pharmacodynamics/ INTESTINAL MUCOSA, analysis/ LUNG, analysis/ MOLECULAR WEIGHT/ NUCLEAR MAGNETIC RESONANCE/ OSMOLAR CONCENTRATION/ SULFUR, analysis/ SWINE/ ULTRACENTRIFUGATION/ URONIC ACIDS, analysis

5222. **László H, Katalin B, Judit B, et al:** A mozgásterápia hatása a fibrinolytikus aktivitásra Orv Hetil 117(49):2971–3, 5 DEC 76 **(Hun)**
AGED/ ARTERIAL OCCLUSIVE DISEASES, therapy/ *EXERCISE THERAPY/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE

5223. **Laszlo J, Huang AT:** Diagnosis and management of myeloproliferative disorders. Curr Probl Cancer 2(1):1–42, Jul 77
ALKALINE PHOSPHATASE, blood/ BONE AND BONES, radiography/ BONE MARROW CELLS, pathology/ CHROMOSOME ABERRATIONS/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMORRHAGIC THROMBOCYTHEMIA, diagnosis/ HEMORRHAGIC THROMBOCYTHEMIA, therapy/ HISTAMINE, blood/ HISTIDINE DECARBOXYLASE, blood/ HUMAN/ LEUKEMIA, MYELOCYTIC, diagnosis/ LEUKEMIA, MYELOCYTIC, therapy/ LEUKOCYTES, enzymology/ MALE/ MYELOFIBROSIS, blood/ MYELOFIBROSIS, diagnosis/ *MYELOPROLIFERATIVE DISORDERS/ MYELOPROLIFERATIVE DISORDERS, blood/ MYELOPROLIFERATIVE DISORDERS, diagnosis/ MYELOPROLIFERATIVE DISORDERS, therapy/ POLYCYTHEMIA VERA, diagnosis/ POLYCYTHEMIA VERA, therapy/ PROGNOSIS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5224. **Latal-Duančic M:** Eritrocit kao bolesnik i eritrocit kao lijek imuna antitijela u transfuzijskim incidentima Bilt Hematol Transfuz 4(3):39–45, 1976 **(Scr)**
*ANTIBODIES/ ANTIBODY FORMATION/ ABO BLOOD-GROUP SYSTEM/ BLOOD GROUP INCOMPATIBILITY, immunology/ *BLOOD TRANSFUSION, adverse effects/ *ERYTHROCYTES, immunology/ FEMALE/ FEVER, etiology/ HUMAN/ JAUNDICE, etiology/ MALE/ THROMBOPENIA, therapy

5225. **Latimer P, Born GV, Michal F:** Application of light-scattering theory to the optical effects associated with the morphology of blood platelets. Arch Biochem Biophys 180(1):151–9, 15 Apr 77
ADENOSINE DIPHOSPHATE/ ANIMAL/ *BLOOD PLATELETS, cytology/ CHLORPROMAZINE/ HUMAN/ LIGHT/ MODELS, CHEMICAL/ SCATTERING, RADIATION

5226. **Latner AL:** Wellcome award lecture: Biochemistry of cancer. Ann Clin Biochem 13(5):458–66, Sep 76
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ALKALINE PHOSPHATASE, metabolism/ ALPHA 1-ANTITRYPSIN, metabolism/ ANIMAL/ CARCINOMA, enzymology/ CELLS, CULTURED/ CERVIX NEOPLASMS, enzymology/ CERVIX UTERI, enzymology/ *HISTONES, pharmacodynamics/ HUMAN/ IMMUNOGLOBULINS, analysis/ ISOELECTRIC FOCUSING/ ISOENZYMES, isolation & purification/ *ISOENZYMES, metabolism/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KIDNEY CORTEX, metabolism/ LACTATE DEHYDROGENASE ISOENZYMES, biosynthesis/ LACTATE DEHYDROGENASE ISOENZYMES, blood/ NEOPLASMS, blood/ *NEOPLASMS, enzymology/ NEOPLASMS, immunology/ PHOSPHOGLUCONATE DEHYDROGENASE, metabolism

5227. **Latsis GV, Putnin'sh OE, Tkhor SN, et al:** Vliianie geparina na vyzhivaemost' allotransplantatov Eksp Khir Anesteziol (6):45–50, Nov–Dec 75 (Eng. Abstr.) **(Rus)**
ANIMAL/ DOGS/ ENGLISH ABSTRACT/ *GRAFT SURVIVAL, drug effects/ *HEPARIN, pharmacodynamics/ KIDNEY, transplantation/ TRANSPLANTATION, ALLOGENEIC

5228. **Laude H:** Hog cholera virus : sensitivity to hydrolytic enzymes. Ann Rech Vet 8(1):59–65, 1977
CELLS, CULTURED/ *HOG CHOLERA, microbiology/ *PHOSPHOLIPASE, pharmacodynamics/ *RNA VIRUSES, drug effects/ TEMPERATURE/ *TRYPSIN, pharmacodynamics

5229. **Lauder MM, Lauder AD:** Menorrhagia and its treatment with aminocaproic acid as assessed in a review by a group of randomly selected general practitioners. Br J Clin Pract 31(1–3):14–6, Jan–Mar 77
ADULT/ *AMINOCAPROIC ACIDS, therapeutic use/ FEMALE/ GENERAL PRACTICE/ HUMAN/ *MENORRHAGIA, drug therapy

5230. **Laudi M, Sesia G, Favro PG, et al:** Complicazioni emorragiche e tromboemboliche negli interventi di adenomectomia prostatica in relazione con l'età Minerva Urol 28(5):237–42, SEP–OCT 76 (Eng. Abstr.) **(Ita)**
AGE FACTORS/ AGED/ ANESTHESIA, adverse effects/ ENGLISH ABSTRACT/ *HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *PROSTATECTOMY, adverse effects/ *PROSTATIC HYPERTROPHY, surgery/ *THROMBOEMBOLISM, etiology

5231. **Laughlin RA, Mandel SR:** Paradoxical embolization. Case report and review of the literature. Arch Surg 112(5):648–50, May 77
ADULT/ ARTERIAL OCCLUSIVE DISEASES, etiology/ CASE REPORT/ EMBOLISM, complications/ EMBOLISM, diagnosis/ *EMBOLISM, surgery/ FEMALE/ HEART CATHETERIZATION/ HEART SEPTAL DEFECTS, complications/ HUMAN/ OBESITY, complications/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, surgery/ SUBCLAVIAN ARTERY

5232. **Laughlin RA, Raynor AC, Habal MB:** Complications of closed capsulotomies after augmentation mammaplasty. Plast Reconstr Surg 60(3):362–3, Sep 77
ADULT/ BREAST DISEASES, etiology/ *BREAST, surgery/ CASE REPORT/ FEMALE/ HEMATOMA, surgery/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, surgery/ PROSTHESIS, adverse effects/ SILICONES, adverse effects/ *SURGERY, PLASTIC

5233. **Laugier P:** Angiome perforant verruciforme. Ann Dermatol Venereol 104(6–7):492–3, Jun–Jul 77 **(Fre)**
CASE REPORT/ ELBOW/ FEMALE/ *HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HUMAN/ MIDDLE AGE

5234. **Laurent G, Amigues H, Pris J:** Les manifestations hématologiques de la polyarthrite rhumatoïde Sem Hop Paris 52(4):233–8, 23 Jan 76 **(Fre)**
*ANEMIA, complications/ ANEMIA, APLASTIC, complications/ ANEMIA, HEMOLYTIC,

ACQUIRED, complications/ ANEMIA, SPLENIC, complications/ *ARTHRITIS, RHEUMATOID, blood/ HUMAN/ LEUKOPENIA, complications/ THROMBOPENIA, complications

5235. **Laurinavichius VA, Kulis IuIu:** Immobilizatsiia fermentov na gidratirovannykh okislakh perekhodnykh metallov i aliuminiia. Prikl Biokhim Mikrobiol 13(3):443–8, May–Jun 77 (Eng. Abstr.) **(Rus)**
ALUMINUM/ CHLORIDES/ *CHYMOTRYPSIN/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ ENZYMES, IMMOBILIZED/ HYDROGEN-ION CONCENTRATION/ METHODS/ *SUCRASE/ TEMPERATURE/ TIN/ TITANIUM/ *TRYPSIN

5236. **Laursen RA, Nagarkatti S, Miller DL:** Amino acid sequence of elongation factor Tu. Characterization and alignment of the cyanogen bromide fragments and location of the cysteine residues. FEBS Lett 80(1):103–6, 1 Aug 77
ACTIN/ AMINO ACID SEQUENCE/ COMPARATIVE STUDY/ CYANOGEN BROMIDE/ *CYSTEINE/ *PEPTIDE ELONGATION FACTORS/ PEPTIDE FRAGMENTS, analysis/ RABBITS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5237. **Lautier A, Volter F, Bui-Mong-Hung, et al:** Scanning electron microscopical observation on microporous membrane oxygenators. pp. 203–11.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.
BLOOD COAGULATION/ EXTRACORPOREAL CIRCULATION/ HEPARIN, blood/ HUMAN/ MICROSCOPY, ELECTRON, SCANNING/ MONOGRAPH/ *OXYGENATORS, MEMBRANE

5238. **Lavergne JM, Meyer D, Reisner H:** Characterization of human anti-factor VIII antibodies purified by immune complex formation. Blood 48(6):931–9, Dec 76
ANTIBODIES, analysis/ *ANTIBODIES, isolation & purification/ *ANTIGEN-ANTIBODY COMPLEX/ *FACTOR VIII, immunology/ HUMAN/ IGG, analysis/ IMMUNOGLOBULINS, LIGHT CHAIN, analysis/ POLYETHYLENE GLYCOLS, pharmacodynamics

5239. **Lavrinovich TS, Petukhova LI, Slutskiĭ LI:** Klinicheskaia proverka primeneniia antikoaguliantov nepriamogo deĭstvia u travmatologicheskikh i ortopedicheskikh bol'nykh Ortop Travmatol Protez (3):32–5, Mar 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ CLINICAL RESEARCH/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FRACTURES, surgery/ HUMAN/ JOINT DISEASES, surgery/ MIDDLE AGE/ *PHENINDIONE, therapeutic use/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

5240. **Lavrinovich TS, Petukhova LI, Slutskiĭ LI:** Sravnitel'naia otsenka aspirina i antikoaguliantov nepriamogo deĭstviia v profilaktike venozynykh trombozov v klinike travmatologii i ortopedii Ortop Travmatol Protez (10):35–9, Oct 76 (Eng. Abstr.) **(Rus)**
ADULT/ *ANTICOAGULANTS/ *ASPIRIN, therapeutic use/ COMPARATIVE STUDY/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ FRACTURES, complications/ HEMORRHAGE, prevention & control/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOEMBOLISM, prevention & control/ *VITAMIN K, antagonists & inhibitors

5241. **Lavrinovitsch TS, Petuchova LI, Slutskii LI:** Eine vergleichende Untersuchung über Acetylsalicylsäure und indirekte Antikoagulantien zur Prophylaxe venöser Thombosen bei einem orthopädisch-traumatologischen Krankengut Z Orthop 114(5):769–72, Oct 76 (Eng. Abstr.) **(Ger)**
*ASPIRIN, administration & dosage/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ FRACTURES, complications/ HUMAN/ MALE/ MIDDLE AGE/ OSTEOTOMY/ *PHENINDIONE, administration & dosage/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, prevention & control/ THROMBOEMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

5242. **Lawiński M, Cisek T, Durek W, et al:** Leczenie ostrego zapalenia trzustki kwasem E-aminokapronowym Pol Przegl Chir 48(8):1031–6, Aug 76 (Eng. Abstr.) **(Pol)**
ACUTE DISEASE/ ADULT/ AGED/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ *PANCREATITIS, drug therapy

5243. **Lawkowicz W, Domańska-Mariańska B:** Lymphoma malignum w świetle danych klinicznych, histologicznych oraz rokowniczych Pol Arch Med Wewn 57(2):137–44, Feb 77 **(Pol)**
ADULT/ AGE FACTORS/ AUTOANTIBODIES, analysis/ BLOOD PLATELETS, immunology/ FEMALE/ HUMAN/ INTERNATIONAL COOPERATION/ LEUKEMIA, pathology/ LYMPHOMA, classification/ LYMPHOMA, immunology/ *LYMPHOMA, pathology/ LYMPHOMA, therapy/ MALE/ MIDDLE AGE/ PROGNOSIS/ REMISSION/ SEX FACTORS/ TIME FACTORS

5244. **Lawler JW, Chao FC, Fang PH:** Observation of a high molecular weight platelet protein released by thrombin [letter] Thromb Haemostas 37(2):355–7, 30 Apr 77
*BLOOD PLATELETS, metabolism/ *BLOOD PROTEINS, analysis/ HUMAN/ MOLECULAR WEIGHT/ *THROMBIN, metabolism

5245. **Lawrence GH, Hessel EA, Sauvage LR, et al:** Results of the use of the TDMAC-heparin shung in the surgery of aneurysms of the descending thoracic aorta.
J Thorac Cardiovasc Surg 73(3):393–8, Mar 77
AMMONIUM COMPOUNDS/ AORTA, THORACIC, surgery/ *AORTIC ANEURYSM, surgery/ *FEMORAL ARTERY, surgery/ *HEART ATRIUM, surgery/ HEPARIN/ HUMAN/ METHODS/ SUTURE TECHNICS

5246. **Lawrence HS:** Transfer factor. pp. 741–53.
In: Ascher MS, et al., ed. Transfer factor: basic properties and clinical applications. New York, Academic Press, 1976. W3 IN9324N 1975t. (0 ref.)
ALDRICH SYNDROME, immunology/ ALDRICH SYNDROME, therapy/ ANIMAL/ CELL MIGRATION INHIBITION/ DISEASE MODELS, ANIMAL/ DRUG EVALUATION/ ERYTHROCYTES, immunology/ HUMAN/ IMMUNE ADHERENCE REACTION/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ MICE/ MONOGRAPH/ PLANT AGGLUTININS/ REVIEW/ SPECIES SPECIFICITY/ *TRANSFER FACTOR/ TRANSFER FACTOR, isolation & purification/ TRANSFER FACTOR, pharmacodynamics/ TRANSFER FACTOR, therapeutic use

5247. **Lawrence JC Jr, Guinovart JJ, Larner J:** Activation of rat adipocyte glycogen synthase by insulins. J Biol Chem 252(2):444–50, 25 Jan 77
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, enzymology/ ANIMAL/ ENZYME ACTIVATION, drug effects/ *GLYCOGEN SYNTHETASE, metabolism/ GLYCOLYSIS, drug effects/ IN VITRO/ *INSULIN, pharmacodynamics/ KINETICS/ MALE/ RATS/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5248. **Lawrence JR, Shepherd JT, Bone I, et al:** Proceedings: Controlled trial of fibrinolytic therapy in unstable angina.
Br Heart J 38(8):873, Aug 76
*ANGINA PECTORIS, drug therapy/ HUMAN/ MYOCARDIAL INFARCT, prevention & control/ *STREPTOKINASE, therapeutic use/ *WARFARIN, therapeutic use

5249. **Lawrie GM, Lie JT, Morris GC Jr, et al:** Vein graft patency and intimal proliferation after aortocoronary bypass: early and long-term angiopathologic correlations.
Am J Cardiol 38(7):856–62, Dec 76
ADULT/ AGED/ *AORTOCORONARY BYPASS/ CELL DIVISION/ CORONARY

CIRCULATION/ CORONARY VESSELS, radiography/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, pathology/ *SAPHENOUS VEIN, pathology/ SAPHENOUS VEIN, radiography/ SAPHENOUS VEIN, transplantation/ *THROMBOSIS, pathology/ THROMBOSIS, radiography/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5250. **Lawson JH:** Pathophysiology of calves with artificial hearts. pp. 937–40.
In: Hwang NH, Normann NA, ed. Cardiovascular flow dynamics and measurements. Baltimore, Univ Park Press, 1977. WG 106 N111c 1975.
ANIMAL/ CATTLE/ *HEART, ARTIFICIAL, adverse effects/ HEMOLYSIS/ HUMAN/ INFECTION, etiology/ MONOGRAPH/ *THROMBOEMBOLISM, etiology

5251. **Lawton WD, Bellinger MA, Schling M, et al:** Bacteriocin production by Neisseria gonorrhoeae.
Antimicrob Agents Chemother 10(3):417–20, Sep 76
*BACTERIOCINS, biosynthesis/ BACTERIOCINS, metabolism/ BACTERIOLOGICAL TECHNICS/ MITOMYCIN, pharmacodynamics/ MORAXELLA, metabolism/ *NEISSERIA GONORRHOEAE, metabolism/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ SPECIES SPECIFICITY/ TRYPSIN, pharmacodynamics

5252. **Laxenaire MC, Foliguet B:** Oedème du poumon de choc, d'embolie graisseuse, de C.I.V.D. et post C.E.C.
Ann Anesthesiol Fr 16(2–3):41–50, 1975 (Eng. Abstr.) **(Fre)**
ADULT/ ANIMAL/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DOGS/ *EMBOLISM, FAT, complications/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION, adverse effects/ HUMAN/ LUNG, physiopathology/ MALE/ MIDDLE AGE/ *PULMONARY EDEMA, etiology/ PULMONARY EDEMA, physiopathology/ *SHOCK, complications

5253. **Laxenaire MC, Moneret-Vautrin D, Sigiel M, et al:** Incidents et accidents observés lors de l'utilisation des macromolécules Anesth Analg (Paris) 3(4):691–702, Jul–Aug 76 (68 ref.) **(Fre)**
ANAPHYLAXIS, chemically induced/ ANAPHYLAXIS, immunology/ ANAPHYLAXIS, pathology/ ANIMAL/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ BLOOD COAGULATION DISORDERS, etiology/ COMPLEMENT/ *DEXTRAN, adverse effects/ DEXTRAN, immunology/ HEMATOCRIT/ HEMOSTASIS, drug effects/ HISTAMINE LIBERATION/ HUMAN/ IN VITRO/ KIDNEY, drug effects/ *MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PLASMA SUBSTITUTES, adverse effects/ PLASMA SUBSTITUTES, immunology/ REVIEW

5254. **Lazăr C, Chifan M, Dolinescu C, et al:** Pseudochisturile pancreasului. Considerații în legătura cu 10 cazuri
Rev Med Chir Soc Med Nat Iasi 81(1):39–45, Jan–Mar 77 (Eng. Abstr.) **(Rum)**
ADULT/ AGED/ CHOLECYSTITIS, complications/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NECROSIS/ *PANCREATIC CYST/ PANCREATIC CYST, diagnosis/ PANCREATIC FISTULA, etiology/ PANCREATITIS, complications/ SPLENIC VEIN/ THROMBOSIS, complications

5255. **Lázár G:** Reticuloendothelial blockade with rare earth metals, the role of reticuloendothelial activity in hepatopathies and intravascular coagulation.
Adv Exp Med Biol 73 PT-A:427–33, 1976
ANIMAL/ BCG/ CARBON TETRACHLORIDE POISONING, physiopathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ HUMAN/ *LIVER DISEASES, physiopathology/ LIVER DISEASES, chemically induced/ LIVER, drug effects/ *METALS, RARE EARTH, toxicity/ PALMITIC ACIDS, pharmacodynamics/ RATS/ RETICULOENDOTHELIAL SYSTEM, drug effects/ RETICULOENDOTHELIAL SYSTEM, physiology/ *RETICULOENDOTHELIAL SYSTEM, physiopathology/ TRIOLEIN, pharmacodynamics/ ZYMOSAN, pharmacodynamics

5256. **Lazar T, Ehrig H, Lumper L:** The functional role of thiol groups in protease-solubilized NADPH-cytochrome c reductase from pork-liver microsomes. Eur J Biochem 76(2):365–71, 15 Jun 77
ANIMAL/ *CYTOCHROME REDUCTASES/ CYTOCHROME REDUCTASES, metabolism/ KINETICS/ *MICROSOMES, LIVER, enzymology/ *NADPH CYTOCHROME C REDUCTASE/ NADPH CYTOCHROME C REDUCTASE, isolation & purification/ NADPH CYTOCHROME C REDUCTASE, metabolism/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES/ SOLUBILITY/ SULFHYDRYL COMPOUNDS, analysis/ SWINE

5257. **Lazarus HM, Hutto W, Ellertson DG:** Therapeutic prevention of ischemia following intraarterial barbiturate injection. J Surg Res 22(1):46–53, Jan 77
ANGIOGRAPHY/ ANIMAL/ BARBITURATES, administration & dosage/ *BARBITURATES, adverse effects/ DEXTRAN, therapeutic use/ *DISEASE MODELS, ANIMAL/ EAR, EXTERNAL, blood supply/ *HEPARIN, therapeutic use/ INJECTIONS, INTRA-ARTERIAL/ ISCHEMIA, chemically induced/ *ISCHEMIA, drug therapy/ RABBITS/ RESERPINE, therapeutic use

5258. **Lazorthes Y, Arbus L, Viallard G:** Effects de perfusion de dextran à faible poids moléculaire sur le débit sanguin et le métabolisme cérébral Anesth Analg (Paris) 3(4):647–52, Jul–Aug 76 **(Fre)**
BLOOD VISCOSITY/ *BRAIN, drug effects/ BRAIN, metabolism/ *CEREBROVASCULAR CIRCULATION, drug effects/ COMPARATIVE STUDY/ *DEXTRAN, pharmacodynamics/ HUMAN/ OXYGEN CONSUMPTION, drug effects

5259. **Lazzari MA, Pavlovsky M, Martínez Canaveri A:** Correlación entre productos de degradación de la fibrina y disfunción plaquetaria en la insuficiencia renal crónica. Efecto de la aspirina. Medicina (B Aires) 37(2):97–105, Mar–Apr 77 (Eng. Abstr.) **(Spa)**
ASPIRIN, pharmacodynamics/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD PLATELET DISORDERS, complications/ ENGLISH ABSTRACT/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRIN, metabolism/ HEMODIALYSIS/ HEMORRHAGE, therapy/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, etiology/ KIDNEY FAILURE, CHRONIC, therapy/ PLATELET AGGREGATION, drug effects

5260. **Lazzarin M, Ferrari S:** Effetti della clonidina su alcuni parametri emocoagulativi negli ipertesi Minerva Med 68(4):229–34, 21 Feb 77 (Eng. Abstr.) **(Ita)**
*BLOOD COAGULATION, drug effects/ BLOOD VISCOSITY, drug effects/ *CLONIDINE, pharmacodynamics/ CLONIDINE, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ HUMAN/ *HYPERTENSION, blood/ HYPERTENSION, drug therapy/ PLATELET AGGREGATION, drug effects

5261. **Lazzaro EC:** Central retinal vein occlusion: life and sight implications. Ann Ophthalmol 8(12):1427–9, Dec 76
CONSTRICTION, PATHOLOGIC, etiology/ CONSTRICTION, PATHOLOGIC, therapy/ HUMAN/ *RETINAL VEIN/ THROMBOPHLEBITIS, therapy/ VASCULAR DISEASES, etiology/ VASCULAR DISEASES, therapy

5262. **Le Breton GC, Dinerstein RJ:** Effect of the calcium antagonist TMB-6 on intracellular calcium redistribution associated with platelet shape change. Thromb Res 10(3):521–3, Mar 77
*BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, secretion/ *CALCIUM, antagonists & inhibitors/ *CALCIUM, metabolism/ *GALLIC ACID, analogs & derivatives/ GALLIC ACID,

pharmacodynamics/ HUMAN/ INTRACELLULAR FLUID, metabolism/ PLATELET AGGREGATION, drug effects

5263. **Le Fur G, Uzan A:** Effects of 4-(3-indolyl-alkyl)piperidine derivatives on uptake and release of noradrenaline, dopamine and 5-hydroxytryptamine in rat brain synaptosomes, rat heart and human blood platelets. Biochem Pharmacol 26(6):497-503, 15 Mar 77
ANIMAL/ ANTIDEPRESSIVE AGENTS, TRICYCLIC, pharmacodynamics/ BIOLOGICAL TRANSPORT/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BRAIN, drug effects/ BRAIN, metabolism/ *DOPAMINE, metabolism/ FEMALE/ HEART, drug effects/ HUMAN/ INDOLES, pharmacodynamics/ IPRONIAZID, pharmacodynamics/ KINETICS/ *MYOCARDIUM, metabolism/ *NOREPINEPHRINE, metabolism/ *PIPERIDINES, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ *SEROTONIN, metabolism/ SYNAPTOSOMES, drug effects/ *SYNAPTOSOMES, metabolism

5264. **Le Menn R, Migne J, Prost-Dvojakovic RJ:** Etude ultrastructurale de l'action d'un anti-agrégant sur les plaquettes sanguines. Application à la nicergoline. Therapie 32(2):205-14, Mar-Apr 77 (Eng. Abstr.) **(Fre)**
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, ultrastructure/ COLLAGEN, pharmacodynamics/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ *ERGOLINES, pharmacodynamics/ HUMAN/ IN VITRO/ *NICERGOLINE, pharmacodynamics/ *PLATELET AGGREGATION, drug effects

5265. **Le Mouel M, Robillard J, Barrellier P:** Le traitement non chirurgical des angiomes tubéreux des lèvres. A propos de 26 cas Rev Stomatol Chir Maxillofac 77(8):977-82, Dec 76 (Eng. Abstr.) **(Fre)**
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ *LIP NEOPLASMS, radiotherapy/ MALE/ *YTTRIUM RADIOISOTOPES, therapeutic use

5266. **Le Roux Y, Richard J:** Determination of acenocoumarol in plasma and urine by double radioisotope derivative analysis. J Pharm Sci 66(7):997-1000, Jul 77
*ACENOCOUMAROL, analysis/ ACENOCOUMAROL, blood/ ACENOCOUMAROL, urine/ ACETYLATION/ CARBON RADIOISOTOPES, diagnostic use/ CHROMATOGRAPHY, THIN LAYER/ HYDROGEN-ION CONCENTRATION/ ISOTOPE LABELING/ KINETICS/ METHODS/ TRITIUM, diagnostic use

5267. **Lea JR, Winter CG:** Ligand-dependent tryptic inactivation of the ouabain sensitivity of ADP-ATP exchange catalyzed by canine renal Na+, K+-ATPase. Biochem Biophys Res Commun 76(3):772-7, 6 Jun 77
*ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ *ADENOSINE TRIPHOSPHATASE, metabolism/ *ADENOSINE TRIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL/ DOGS/ KIDNEY, enzymology/ KINETICS/ LIGANDS/ MOLECULAR WEIGHT/ *OUABAIN, pharmacodynamics/ POTASSIUM, pharmacodynamics/ PROTEIN CONFORMATION, drug effects/ SODIUM, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5268. **Leach BS, Fish WW:** Resistance of soybean trypsin inhibitor (Kunitz) to denaturation by guanidinium chloride. J Biol Chem 252(15):5239-43, 10 Aug 77
CIRCULAR DICHROISM/ DRUG STABILITY/ *GUANIDINES/ KINETICS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPSIN INHIBITOR, KUNITZ SOYBEAN/ *TRYPSIN INHIBITORS/ VISCOSITY

5269. **Leal JJ, Finlayson B:** Adsorption of naturally occurring polymers onto calcium oxalate crystal surfaces. Invest Urol 14(4):278-83, Jan 77
ADSORPTION/ ALPHA GLOBULINS/ *CALCIUM/ CHONDROITIN SULFATES/ CRYSTALLIZATION/ FIBRINOGEN/ HEPARIN/ HISTONES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MATHEMATICS/ *MUCOPOLYSACCHARIDES/ *PROTEINS/ SERUM ALBUMIN, BOVINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ URINARY CALCULI, pathology

5270. **Lebech PE:** Ostrogenbehandling i klimakteriet Nord Med 92(5):146-7, May 77 **(Dan)**
ADULT/ AGE FACTORS/ BLOOD PRESSURE, drug effects/ *CLIMACTERIC, drug effects/ EMBOLISM, chemically induced/ ESTRIOL, therapeutic use/ *ESTROGENS, therapeutic use/ ESTROGENS, adverse effects/ ESTROGENS, SYNTHETIC, adverse effects/ ESTROGENS, SYNTHETIC, therapeutic use/ FEMALE/ HUMAN/ LIPIDS, blood/ MENOPAUSE/ MENTAL DISORDERS, prevention & control/ MIDDLE AGE/ THROMBOSIS, chemically induced/ UTERINE NEOPLASMS, chemically induced

5271. **Lebenthal E, Morrissey GW:** Subcellular localization of enterokinase (enteropeptidase EC 3.4.21.9) in rat small intestine. Biochim Biophys Acta 497(2):558-66, 27 Apr 77
ALKALINE PHOSPHATASE, metabolism/ CELL FRACTIONATION/ *ENTEROPEPTIDASE, metabolism/ *INTESTINAL MUCOSA, enzymology/ *INTESTINE, SMALL, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ SUBCELLULAR FRACTIONS, enzymology/ SUCRASE, metabolism

5272. **Lebenthal E:** Induction of fetal rat enterokinase (enteropeptidase EC. 3.4.21.9) in utero by hydrocortisone and actinomycin D. Pediatr Res 11(4):282-5, Apr 77
AGE FACTORS/ ANIMAL/ ANIMALS, NEWBORN/ *DACTINOMYCIN, pharmacodynamics/ DRUG INTERACTIONS/ *ENTEROPEPTIDASE, biosynthesis/ ENZYME INDUCTION, drug effects/ FEMALE/ GESTATIONAL AGE/ *HYDROCORTISONE, pharmacodynamics/ INTESTINE, SMALL, drug effects/ INTESTINE, SMALL, embryology/ *INTESTINE, SMALL, enzymology/ MATERNAL-FETAL EXCHANGE/ *PEPTIDE PEPTIDOHYDROLASES, biosynthesis/ PREGNANCY/ RATS/ SUCRASE, analysis

5273. **Lebenthal E, Shwachman H:** The pancreas--development, adaptation and malfunction in infancy and childhood. Clin Gastroenterol 6(2):397-413, May 77
AMYLASE, deficiency/ CHILD/ CYSTIC FIBROSIS, diagnosis/ CYSTIC FIBROSIS, therapy/ ENTEROPEPTIDASE, deficiency/ HUMAN/ INFANT/ METHODS/ NEUTROPENIA, diagnosis/ PANCREAS, abnormalities/ PANCREAS, embryology/ PANCREATIC CYST, congenital/ *PANCREATIC DISEASES/ PANCREATIC DISEASES, diagnosis/ PANCREATIC NEOPLASMS/ *PANCREATITIS, etiology/ PEPTIDE HYDROLASES, deficiency/ SYNDROME/ TRYPSINOGEN, deficiency

5274. **Leber HW, Geissler RH, Post D:** Carbromal intoxication--hemodialysis or hemoperfusion? Acta Pharmacol Toxicol [Suppl] (Kbh) 41(2):78-84, 1977
CARBROMAL, blood/ *CARBROMAL, poisoning/ CHARCOAL/ COMPARATIVE STUDY/ *HEMODIALYSIS/ HUMAN/ *PERFUSION/ PERFUSION, adverse effects/ THROMBOPENIA, etiology

5275. **Lebkova NP, Kodrian AA:** O gistogeneze i mekhanizme regressii vrozhdennykh angiom kozhi u detei (élektronno-mikroskopicheskoe issledovanie) Arkh Patol 39(3):44-51, 1977 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ *HEMANGIOMA, congenital/ HEMANGIOMA, ultrastructure/ HUMAN/ INFANT/ *SKIN NEOPLASMS, congenital/ SKIN NEOPLASMS, ultrastructure

5276. **Leblond PF:** L'importance rhéologique de la déformabilité érythrocytaire Union Med Can 105(2):177–85, Feb 76 (Eng. Abstr.) **(Fre)**
ANIMAL/ *BLOOD CIRCULATION/ BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ CELL MEMBRANE/ CENTRIFUGATION/ CYTOPLASM/ ELASTICITY/ ENGLISH ABSTRACT/ *ERYTHROCYTES, ABNORMAL/ HEMATOCRIT/ HUMAN/ MICROCIRCULATION/ RATS/ ULTRAFILTRATION

5277. **Lebrec D, Buysschaert M, Degott C, et al:** La ponction-biopsie hépatique par voie transjugulaire Nouv Presse Med 5(9 Oct 76):2135–7, 9 Oct 76 (Eng. Abstr.) **(Fre)**
*BIOPSY, NEEDLE/ BIOPSY, NEEDLE, adverse effects/ BIOPSY, NEEDLE, methods/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HEMATOMA, etiology/ HEPATITIS, pathology/ HUMAN/ *JUGULAR VEIN/ LIVER CIRRHOSIS, pathology/ *LIVER DISEASES, pathology/ *LIVER, pathology

5278. **Lebuisson DA, Nou B, Offret H, et al:** La papillophlébite du sujet jeune (à propos de deux observations) Bull Soc Ophtalmol Fr 75(12):1073–6, Dec 75 (Eng. Abstr.) **(Fre)**
CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ *PAPILLEDEMA, etiology/ *RETINAL DISEASES/ RETINAL DISEASES, complications/ *RETINAL VEIN/ *THROMBOPHLEBITIS, complications

5279. **Lech JJ, Jesmok GJ, Calvert DN:** Effects of drugs and hormones on lipolysis in heart. Fed Proc 36(7):2000–8, Jun 77 (76 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ CATECHOLAMINES, pharmacodynamics/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ FATTY ACIDS, metabolism/ GLUCAGON, pharmacodynamics/ *HORMONES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ INSULIN, pharmacodynamics/ LIPASE, metabolism/ LIPOPROTEIN LIPASE, metabolism/ LYSOSOMES, metabolism/ MICROSOMES, metabolism/ MYOCARDIAL CONTRACTION/ *MYOCARDIUM, metabolism/ *NICOTINIC ACIDS, pharmacodynamics/ OXYGEN CONSUMPTION/ PROSTAGLANDINS E, pharmacodynamics/ PROTAMINES, pharmacodynamics/ REVIEW/ SUBCELLULAR FRACTIONS, metabolism/ *THEOPHYLLINE, pharmacodynamics/ *TRIGLYCERIDES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5280. **Lechi A, Covi G, Lechi C, et al:** Urinary kallikrein excretion in Bartter's syndrome. J Clin Endocrinol Metab 43(5):1175–8, Nov 76
ADULT/ ANGIOTENSIN, pharmacodynamics/ BARTTER'S DISEASE, blood/ *BARTTER'S DISEASE, urine/ BLOOD PRESSURE, drug effects/ CASE REPORT/ HUMAN/ *HYPERALDOSTERONISM, urine/ *KALLIKREIN, urine/ MALE/ POTASSIUM, blood/ POTASSIUM, urine/ RENIN, blood/ SODIUM, blood/ SODIUM, urine

5281. **Lechi C, Rasi GP, Covi G, et al:** Urinary and kidney kallikrein in hypertensive rats. Biomedicine 25(7):236–8, 30 Sep 76
ANIMAL/ CATHEPSIN, antagonists & inhibitors/ ESTERASES, metabolism/ FORMALDEHYDE, pharmacodynamics/ *HYPERTENSION, metabolism/ IODOACETAMIDE, pharmacodynamics/ *KALLIKREIN, metabolism/ KALLIKREIN, urine/ KIDNEY, enzymology/ *KIDNEY, metabolism/ MALE/ RATS/ TRYPSIN INHIBITORS, pharmacodynamics

5282. **Lechler E:** Die Pathogenese arterieller und venöser Thrombosen. ZFA (Stuttgart) 53(15):829–34, 31 May 77 (56 ref.) **(Ger)**
ANIMAL/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION FACTORS/ DOGS/ HUMAN/ PLATELET AGGREGATION/ REGIONAL BLOOD FLOW/ REVIEW/ THROMBOPHLEBITIS, blood/ *THROMBOPHLEBITIS, etiology/ THROMBOSIS, blood/ *THROMBOSIS, etiology/ THROMBOSIS, pathology

5283. **Lechner K, Barrett DA, Veltkamp JJ:** General classification system for hemorrhagic and thrombotic disorders. Thromb Haemostas 36(1):251–62, 31 Aug 76
BLOOD COAGULATION DISORDERS/ BLOOD PLATELET DISORDERS, classification/ ENZYME INHIBITORS/ *HEMORRHAGIC DIATHESIS, classification/ HUMAN/ INTERNATIONAL COOPERATION/ THROMBOEMBOLISM, classification/ THROMBOPHLEBITIS, classification/ *THROMBOSIS, classification

5284. **Lechner K, Thaler E, Niessner H, et al:** Antithrombin-III-Mangel und Thromboseneigung Wien Klin Wochenschr 89(7):215–22, 1 Apr 77 (Eng. Abstr.) **(Ger)**
ADULT/ *ANTITHROMBINS, isolation & purification/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN CO-FACTOR, isolation & purification/ HUMAN/ MACROGLOBULINS, isolation & purification/ MALE/ PEDIGREE/ PULMONARY EMBOLISM, blood/ *THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, familial & genetic

5285. **Lechner K, Niessner H, Nowotny C, et al:** Die Früherkennung der Thromboseneigung. Acta Med Austriaca® [Suppl] (3):220–1, 1976 **(Ger)**
ANTITHROMBINS, analysis/ FACTOR VIII, analysis/ HUMAN/ PLATELET AGGREGATION/ RISK/ *THROMBOSIS, prevention & control

5286. **Leckman JF, Gershon ES, Nichols AS, et al:** Reduced MAO activity in first-degree relatives of individuals with bipolar affective disorders. A preliminary report. Arch Gen Psychiatry 34(5):601–6, May 77
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, enzymology/ CHILD/ COMPARATIVE STUDY/ DIATHESIS/ *FAMILY/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ *NUCLEAR FAMILY/ PROBABILITY/ PSYCHOSES, MANIC-DEPRESSIVE, blood/ PSYCHOSES, MANIC-DEPRESSIVE, enzymology/ *PSYCHOSES, MANIC-DEPRESSIVE, familial & genetic/ SEX FACTORS/ UNITED STATES

5287. **Lecrubier C, Conard J, Samama M, et al:** Essai radomisé d'un nouvel agent anti-agrégant : la ticlopidine. Therapie 32(2):189–94, Mar-Apr 77 (Eng. Abstr.) **(Fre)**
ADULT/ *CEREBROVASCULAR DISORDERS, drug therapy/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ PLACEBOS/ PLATELET AGGREGATION, drug effects

5288. **Lee BY, Trainor FS, Kavner D, et al:** Noninvasive prevention of deep vein thrombosis. Am Fam Physician 14(5):128–34, Nov 76
ADULT/ CLOTHING/ FIBRINOGEN, metabolism/ HUMAN/ MALE/ PATIENT ACCEPTANCE OF HEALTH CARE/ PHLEBOGRAPHY/ PLETHYSMOGRAPHY, IMPEDANCE/ PREOPERATIVE CARE/ PRESSURE/ PULMONARY EMBOLISM, diagnosis/ SURGERY, OPERATIVE/ THROMBELASTOGRAPHY/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control/ ULTRASONICS, diagnostic use

5289. **Lee BY, Madden JL, Trainor FS, et al:** Detection and prevention of deep vein thrombosis in the general surgical patient. pp. 61–90.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976. (33 ref.)
ADULT/ BLOOD COAGULATION/ CASE REPORT/ HEMOSTASIS, SURGICAL/

HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ MONOGRAPH/ PHLEBOGRAPHY/ PLETHYSMOGRAPHY, IMPEDANCE/ *POSTOPERATIVE COMPLICATIONS/ PRESSURE/ PULMONARY EMBOLISM, prevention & control/ REVIEW/ THROMBOEMBOLISM, etiology/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control/ ULTRASONICS, diagnostic use

5290. **Lee D, Flowerday MH, Tomlinson J:** The use of IgM anti-D coated cells in the deliberate immunisation of Rh-negative male volunteers. Vox Sang 32(4):189-94, 1977
*ANTIBODY FORMATION/ BLOOD PRESERVATION/ ERYTHROCYTES, immunology/ HUMAN/ *IGM/ IMMUNIZATION/ IMMUNIZATION, SECONDARY/ MALE/ PAPAIN/ *RH-HR BLOOD-GROUP SYSTEM

5291. **Lee DB, Prompt CA, Upham AT, et al:** Medical complications of renal transplantation. I. Graft and infectious complications in recipient. Urology 9(6 Suppl):7-31, Jun 77
ACIDOSIS, RENAL TUBULAR, etiology/ ARTERIAL OCCLUSIVE DISEASES, etiology/ BACTERIAL INFECTIONS, etiology/ CADAVER/ GLOMERULOSCLEROSIS, FOCAL, etiology/ *GRAFT REJECTION/ HEPATITIS B SURFACE ANTIGEN/ HUMAN/ IMMUNOGLOBULINS, analysis/ INFECTION, etiology/ KIDNEY GLOMERULUS, pathology/ KIDNEY TUBULAR NECROSIS, ACUTE, etiology/ KIDNEY, immunology/ KIDNEY, pathology/ *KIDNEY, transplantation/ LUPUS ERYTHEMATOSUS, SYSTEMIC, etiology/ METHYLPREDNISOLONE, adverse effects/ PERFUSION, adverse effects/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, pathology/ PROTEINURIA, etiology/ RECURRENCE/ THROMBOSIS, etiology/ TRANSPLANTATION IMMUNOLOGY/ TRANSPLANTATION, HOMOLOGOUS/ VIRUS DISEASES, etiology/ WATER-ELECTROLYTE IMBALANCE, etiology

5292. **Lee EY, Brandt H, Capulong ZL, et al:** Properties and regulation of liver phosphorylase phosphatase. Adv Enzyme Regul 14:467-90, 1976 (51 ref.)
ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, AGAROSE/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ LIVER GLYCOGEN, metabolism/ *LIVER, enzymology/ LIVER, drug effects/ MODELS, BIOLOGICAL/ MOLECULAR WEIGHT/ *PHOSPHOMONOESTERASES, metabolism/ PHOSPHORYLASE PHOSPHATASE, antagonists & inhibitors/ PHOSPHORYLASE PHOSPHATASE, isolation & purification/ *PHOSPHORYLASE PHOSPHATASE, metabolism/ RABBITS/ REVIEW/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5293. **Lee FH, Conway WD:** Metabolism of dicumarol-14 C by rat-liver microsomes. Pharmacol Res Commun 8(5):469-75, Oct 76
ANIMAL/ *BISHYDROXYCOUMARIN, metabolism/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ HYDROXYLATION/ IN VITRO/ MALE/ *MICROSOMES, LIVER, metabolism/ RADIOISOTOPE DILUTION TECHNIC/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5294. **Lee HA:** The role of heparin in the management of intravascular coagulation with renal insufficiency and renal transplantation. pp. 261-82.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
ADOLESCENCE/ ADULT/ AGED/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ GRAFT REJECTION/ *HEMOLYTIC-UREMIC SYNDROME, drug therapy/ *HEPARIN, therapeutic use/ HUMAN/ INFANT/ *KIDNEY FAILURE, ACUTE, drug therapy/ KIDNEY FAILURE, ACUTE, etiology/ *KIDNEY, transplantation/ MALE/ MIDDLE AGE/ MONOGRAPH/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ TRANSPLANTATION, HOMOLOGOUS

5295. **Lee HM, Mendez-Picon G, Pierce JC, et al:** Renal artery occlusion in transplant recipients. Am Surg 43(3):186-92, Mar 77
ADULT/ CASE REPORT/ FEMALE/ GRAFT REJECTION/ HUMAN/ *KIDNEY, transplantation/ MALE/ PREGNANCY/ RENAL ARTERY OBSTRUCTION, etiology/ *RENAL ARTERY OBSTRUCTION, surgery/ RENAL ARTERY STENOSIS, complications/ RENAL ARTERY STENOSIS, radiography/ RENAL ARTERY STENOSIS, surgery/ THROMBOSIS, surgery/ TRANSPLANTATION, ALLOGENEIC, adverse effects

5296. **Lee IC, Stevenson KE, Harmon LG:** Effect of beef broth protein on the thermal inactivation of staphylococcal enterotoxin B1. Appl Environ Microbiol 33(2):341-4, Feb 77
*BACTERIAL TOXINS, toxicity/ CATTLE/ CHYMOTRYPSIN, pharmacodynamics/ COMPARATIVE STUDY/ *DIETARY PROTEINS/ EDTA, pharmacodynamics/ *ENTEROTOXINS, toxicity/ *FOOD MICROBIOLOGY/ *HEAT/ *MEAT/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ *STAPHYLOCOCCUS AUREUS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5297. **Lee J, Coleman RE, Sherman LA:** Comparison of iodine monochloride and modified chloramine-T radioiodination for in vivo protein studies. J Lab Clin Med 89(4):836-44, Apr 77
*ALBUMINS, metabolism/ ANIMAL/ *CHLORAMINES/ DOGS/ *FIBRINOGEN, metabolism/ HALF-LIFE/ *IODINE RADIOISOTOPES, diagnostic use/ *ISOTOPE LABELING/ KINETICS/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5298. **Lee KR, Wulfsberg E:** Neurocutaneous syndromes: pheochromocytomas associated with von Hippel-Lindau syndrome. J Kans Med Soc 78(3):120-1, 142, Mar 77
*ADRENAL GLAND NEOPLASMS, diagnosis/ ADULT/ *ANGIOMATOSIS, complications/ CASE REPORT/ CEREBELLAR NEOPLASMS, diagnosis/ HEMANGIOMA, diagnosis/ *HIPPEL-LINDAU DISEASE, complications/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *NEOPLASMS, MULTIPLE PRIMARY, diagnosis/ *PHEOCHROMOCYTOMA, diagnosis

5299. **Lee KS, Akaike N, Brown AM:** Trypsin inhibits the action of tetrodotoxin on neurones. Nature 265(5596):751-3, 24 Feb 77
ANIMAL/ BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ HELIX (SNAILS)/ *MEMBRANE PROTEINS, metabolism/ *NEURONS, drug effects/ NEURONS, metabolism/ POTASSIUM, metabolism/ SODIUM, metabolism/ *TETRODOTOXIN, pharmacodynamics/ *TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5300. **Lee MH, Ramanathan S, Chalon J, et al:** Subglottic hemangioma. Anesthesiology 45(4):459-62, Oct 76
ADRENAL CORTEX HORMONES, therapeutic use/ AIRWAY OBSTRUCTION, etiology/ CASE REPORT/ FACIAL NEOPLASMS, diagnosis/ FEMALE/ GLOTTIS, radiography/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, drug therapy/ HUMAN/ INFANT, NEWBORN/ LARYNGOSCOPY/ *PHARYNGEAL NEOPLASMS, diagnosis/ SKIN NEOPLASMS, diagnosis/ TRACHEOTOMY

5301. **Lee SH, Sarauskas T, Hoy ES, et al:** Purity of staphylococcal delta-haemolysin obtained by three different procedures.

J Med Microbiol 9(4):371–7, Nov 76
COMPARATIVE STUDY/ DEOXYRIBONUCLEASE, analysis/ ESTERASES, analysis/ EVALUATION STUDIES/ HEMOLYSINS, analysis/ *HEMOLYSINS, isolation & purification/ HYALURONIDASE, analysis/ LIPASE, analysis/ METHODS/ MURAMIDASE, analysis/ PENICILLINASE, analysis/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PHOSPHATASES, analysis/ *STAPHYLOCOCCUS AUREUS, analysis

5302. **Lee SP, Nicholson GI, Hitchcock G:** Familial abdominal chemodectomas with associated cutaneous angiolipomas. Pathology 9(2):173–7, Apr 77
ADULT/ CASE REPORT/ *HEMANGIOMA, familial & genetic/ HUMAN/ *LIPOMATOSIS, familial & genetic/ MALE/ *NEOPLASMS, MULTIPLE PRIMARY, familial & genetic/ *PARAGANGLIOMA, NONCHROMAFFIN, familial & genetic/ *RETROPERITONEAL NEOPLASMS, familial & genetic/ *SKIN NEOPLASMS, familial & genetic/ SYNDROME

5303. **Lee TK:** Platelet adhesiveness in cerebrovascular diseases. J Formosan Med Assoc 76(2):132–42, Feb 77
ADOLESCENCE/ ADULT/ AGED/ *CEREBROVASCULAR DISORDERS, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET ADHESIVENESS

5304. **Lee WJ:** Angiographic manifestations of renal hamartoma. Angiology 28(6):416–20, Jun 77
ADULT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HAMARTOMA, radiography/ *HEMANGIOMA, radiography/ HUMAN/ *KIDNEY NEOPLASMS, radiography/ *LIPOMA, radiography/ MIDDLE AGE/ RENAL ARTERY, radiography/ TUBEROUS SCLEROSIS, complications/ UROGRAPHY

5305. **Lee WM, Morrison ES, Scott RF, et al:** Effects of methyl prednisolone and colchicine on the development of aortic atherosclerosis in swine. Atherosclerosis 25(2–3):213–24, Nov–Dec 76
ANIMAL/ AORTA, ABDOMINAL/ *AORTIC DISEASES, chemically induced/ AORTIC DISEASES, pathology/ *ARTERIOSCLEROSIS, chemically induced/ *ATHEROSCLEROSIS, chemically induced/ ATHEROSCLEROSIS, pathology/ CHOLESTEROL, blood/ *COLCHICINE, adverse effects/ DIET, ATHEROGENIC/ MALE/ *METHYLPREDNISOLONE, adverse effects/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5306. **Lee YJ, Notides AC, Tsay YG, et al:** Coumestrol, NBD-norhexestrol, and dansyl-norhexestrol, fluorescent probes of estrogen-binding protiens. Biochemistry 16(13):2896–901, 28 Jun 77
ANIMAL/ BINDING, COMPETITIVE/ CATTLE/ CHEMISTRY/ *COUMARINS/ COUMARINS, metabolism/ *COUMESTROL/ COUMESTROL, metabolism/ DANSYL COMPOUNDS/ ENERGY TRANSFER/ FEMALE/ *HEXESTROL, analogs & derivatives/ HEXESTROL, metabolism/ LIGANDS/ NBD CHLORIDE/ PROTEIN BINDING/ *RECEPTORS, ESTROGEN/ RECEPTORS, ESTROGEN, metabolism/ SPECTROMETRY, FLUORESCENCE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UTERUS, metabolism

5307. **Lee YT:** Quantitative change of serum protein and immunoglobulin in patients with solid cancers. J Surg Oncol 9(2):179–87, 1977
ALPHA GLOBULINS, metabolism/ *BLOOD PROTEINS, metabolism/ BLOOD VISCOSITY/ BRAIN NEOPLASMS, immunology/ BREAST NEOPLASMS, blood/ BREAST NEOPLASMS, immunology/ HUMAN/ IGA, metabolism/ IGG, metabolism/ IGM, metabolism/ *IMMUNOGLOBULINS/ INTESTINAL NEOPLASMS, immunology/ LUNG NEOPLASMS, immunology/ MELANOMA, immunology/ MOUTH NEOPLASMS, immunology/ *NEOPLASMS, blood/ *NEOPLASMS, immunology/ PROSTATIC NEOPLASMS, immunology/ SARCOMA, immunology/ SERUM ALBUMIN, metabolism/ SERUM GLOBULINS, metabolism/ SKIN NEOPLASMS, immunology

5308. **Lee-Huang S, Sierra JM, Naranjo R, et al:** Eucaryotic oligonucleotides affecting mRNA translation. Arch Biochem Biophys 180(2):276–87, 30 Apr 77
AMINO ACIDS, metabolism/ ANIMAL/ *EMBRYO, metabolism/ LEUCINE, metabolism/ MOLECULAR WEIGHT/ *OLIGONUCLEOTIDES, isolation & purification/ *OLIGORIBONUCLEOTIDES, isolation & purification/ OLIGORIBONUCLEOTIDES, pharmacodynamics/ PEPTIDE CHAIN ELONGATION, drug effects/ PEPTIDE CHAIN INITIATION, drug effects/ POLY A, metabolism/ POLY U, metabolism/ RIBONUCLEASE/ RIBOSOMES, metabolism/ *RNA, MESSENGER, metabolism/ RNA, TRANSFER, metabolism/ SHRIMP/ *TRANSLATION, GENETIC/ TRANSLATION, GENETIC, drug effects/ TRYPSIN/ WHEAT

5309. **Lees NW:** The diagnosis and treatment of endotoxic shock. Anaesthesia 31(7):897–909, Sep 76 (45 ref.)
ANTIBIOTICS, therapeutic use/ BLOOD PRESSURE/ BODY TEMPERATURE/ HEART ARREST, etiology/ HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ ISOPROTERENOL, therapeutic use/ KIDNEY FAILURE, ACUTE, etiology/ METHYLPREDNISOLONE, therapeutic use/ PARENTERAL HYPERALIMENTATION/ POSITIVE-PRESSURE RESPIRATION/ PULMONARY EDEMA, etiology/ REVIEW/ SHOCK, SEPTIC, diagnosis/ SHOCK, SEPTIC, physiopathology/ *SHOCK, SEPTIC, therapy

5310. **Leet DM:** Treatment of total hyphemas with urokinase. Am J Ophthalmol 84(1):79–84, Jul 77
ANIMAL/ AQUEOUS HUMOR/ BLOOD/ CORNEA, blood supply/ DRAINAGE/ HUMAN/ *HYPHEMA, drug therapy/ INTRAOCULAR PRESSURE/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ RABBITS/ *UROKINASE, therapeutic use

5311. **Lefebvre PJ, Luyckx AS, Nizet AH:** Independance of glucagon and insulin handling by the isolated perfused dog kidney. Diabetologia 12(4):359–65, Aug 76
ANIMAL/ DOGS/ FEMALE/ GLOMERULAR FILTRATION RATE/ *GLUCAGON, metabolism/ IN VITRO/ *INSULIN, metabolism/ KALLIKREIN-TRYPSIN INACTIVATOR/ KIDNEY, blood supply/ *KIDNEY, metabolism/ MALE/ PERFUSION/ REGIONAL BLOOD FLOW

5312. **Lefer AM, Bridenbaugh GA, Flynn JT:** Effect of induced thrombocytopenia on experimental circulatory shock. J Surg Res 21(6):429–36, Dec 76
ANIMAL/ *BLOOD PLATELETS, physiology/ CATHEPSIN, blood/ DISEASE MODELS, ANIMAL/ DOGS/ HEMODYNAMICS/ LYSOSOMES, enzymology/ MALE/ PLATELET AGGREGATION/ PROSTAGLANDINS E, blood/ PROSTAGLANDINS F, blood/ SHOCK, blood/ *SHOCK, physiopathology/ *THROMBOPENIA/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5313. **Lefort J, Vargaftig BB:** Salicylic acid prevents inhibition by aspirin of arachidonic acid-induced hypotension, bronchoconstriction and thrombocytopenia [proceedings] Br J Pharmacol 60(2):292P–293P, Jun 77
ANIMAL/ *ARACHIDONIC ACIDS, antagonists & inhibitors/ ARACHIDONIC ACIDS, pharmacodynamics/ *ASPIRIN, antagonists & inhibitors/ ASPIRIN, pharmacodynamics/ *BLOOD PRESSURE, drug effects/ *BRONCHI, drug effects/ GUINEA PIGS/ IN VITRO/ RABBITS/ *SALICYLIC ACIDS, pharmacodynamics/ *THROMBOPENIA, chemically induced

5314. **Leftridge CA Jr:** Large, solitary bone lesion of the skull. J Natl Med Assoc 69(1):69, Jan 77
*HEMANGIOMA, radiography/ HUMAN/ *SKULL NEOPLASMS, radiography

5315. **Legaz ME, Davie EW:** Bovine factor VIII (antihemophilic factor). Methods Enzymol 45:83–9, 1976
ANIMAL/ CATTLE/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ *FACTOR VIII/ FACTOR VIII, isolation & purification/ FACTOR VIII, physiology/ METHODS/ THROMBOPLASTIN

5316. **Leger L, Liguory C, Souciet C:** Capacité inhibitrice du sérum vis-à-vis de la trypsine. Variations au décours du cathétérisme des voies biliaires et/ou pancréatiques. Nouv Presse Med 6(27):2436, 2–9 Jul 77 **(Fre)**
BILE DUCTS/ *CATHETERIZATION/ HUMAN/ PANCREAS/ TRYPSIN, blood/ *TRYPSIN, pharmacodynamics

5317. **Legha SS, Von Hoff DD, Rozencweig M, et al:** Neocarzinostatin (NSC 157365) a new cancerostatic compound. Oncology 33(5–6):265–70, 1976 (29 ref.)
AMINO ACIDS, analysis/ ANIMAL/ *ANTIBIOTICS, ANTINEOPLASTIC, therapeutic use/ CELL DIVISION, drug effects/ CHEMISTRY/ DERMATITIS MEDICAMENTOSA, etiology/ DIARRHEA, chemically induced/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG ADMINISTRATION SCHEDULE/ DNA REPLICATION, drug effects/ FEVER, chemically induced/ HUMAN/ HYPOTENSION, chemically induced/ KIDNEY DISEASES, chemically induced/ LEUKOPENIA, chemically induced/ MOLECULAR WEIGHT/ NAUSEA, chemically induced/ NEOCARZINOSTATIN, adverse effects/ *NEOCARZINOSTATIN, therapeutic use/ *NEOPLASMS, drug therapy/ NEOPLASMS, EXPERIMENTAL/ REVIEW/ TEMPERATURE/ TEMPLATES/ THROMBOPENIA, chemically induced

5318. **Legrand C, Caen JP:** Binding of 14C-ADP by thrombasthenic platelet membranes. Haemostasis 5(4):231–8, 1976
*ADENOSINE DIPHOSPHATE, metabolism/ *BLOOD COAGULATION DISORDERS, blood/ *BLOOD PLATELETS/ CARBON RADIOISOTOPES/ CELL MEMBRANE, metabolism/ HUMAN/ *RECEPTORS, DRUG

5319. **Legrand C, Caen JP:** Récepteur de l'adénosine-dephosphate à la surface des plaquettes sanguines humaines Nouv Rev Fr Hematol 16(3):391–8, 1976 (Eng. Abstr.) **(Fre)**
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ CARBON RADIOISOTOPES/ CELL MEMBRANE, drug effects/ ENGLISH ABSTRACT/ HUMAN/ KINETICS/ MERSALYL, pharmacodynamics/ OUABAIN, pharmacodynamics/ PURPURA, THROMBOPENIC, familial & genetic/ *RECEPTORS, DRUG/ SOLUBILITY/ SYNDROME/ THROMBOSTHENIN, antagonists & inhibitors/ TRITONS

5320. **Legrand J, Hervouet F, Loue J:** Un cas de dacryohémorrhysis. Bull Soc Ophtalmol Fr 76(4):307–8, Apr 76 **(Fre)**
ADULT/ CASE REPORT/ HEMANGIOMA, complications/ *HEMORRHAGE/ HEMORRHAGE, etiology/ HUMAN/ MALE/ *TEARS

5321. **Legrand Y, Pignaud G, Caen JP:** Purification of platelet proteases: activation of proelastase by a trypsin-like enzyme. FEBS Lett 76(2):294–8, 15 Apr 77
*BLOOD PLATELETS, enzymology/ CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN, blood/ CHYMOTRYPSIN, isolation & purification/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, blood/ ENZYME PRECURSORS, isolation & purification/ HUMAN/ PANCREAS, enzymology/ *PANCREATOPEPTIDASE, blood/ *TRYPSIN, blood/ TRYPSIN, isolation & purification

5322. **Legrand Y, Fauvel F, Caen JP:** Platelet-collagen interactions. Compr Ther 3(6):59–66, Jun 77 (14 ref.)
ADHESIVENESS/ ANIMAL/ *BLOOD PLATELETS, physiology/ CATTLE/ COLLAGEN, analysis/ *COLLAGEN, physiology/ GUINEA PIGS/ *HEMOSTASIS/ HUMAN/ *PLATELET ADHESIVENESS/ POLYMERS/ REVIEW/ SCURVY, physiopathology/ SOLUBILITY

5323. **Legrand Y, Pignaud G, Caen JP:** Human blood platelet elastase and proelastase. Activation of proelastase and release of elastase after ahesion of platelets to collagen. Haemostasis 6(3):180–9, 1977
*BLOOD PLATELETS, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ *COLLAGEN, pharmacodynamics/ HUMAN/ *PANCREATOPEPTIDASE, blood/ PANCREATOPEPTIDASE, metabolism/ *PLATELET ADHESIVENESS/ TIME FACTORS/ TRYPSIN, blood

5324. **Legrand Y, Caen JP, Robert L, et al:** Platelet elastase and leukocyte elastase are two different entities [letter] Thromb Haemostas 37(3):580–2, 30 Jun 77
*BLOOD PLATELETS, enzymology/ GEL DIFFUSION TESTS/ HUMAN/ *LEUKOCYTES, enzymology/ *PANCREATOPEPTIDASE, blood

5325. **Lehane MJ:** An hypothesis of the mechanism controlling proteolytic digestive enzyme production levels in Stomoxys calcitrans. J Insect Physiol 23(6):713–5, 1977
ANIMAL/ *DIPTERA, enzymology/ FEMALE/ MALE/ *PEPTIDE HYDROLASES, metabolism

5326. **Lehman LD, Dwulet FE, Bogardt RA Jr, et al:** The complete amino acid sequence of the major component myoglobin from the arctic minke whale, Balaenoptera acutorostrata. Biochemistry 16(4):706–9, 22 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CARBOXYPEPTIDASES/ COMPARATIVE STUDY/ *MYOGLOBIN/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WHALES

5327. **Lehmann J, Schoene NW, Church JP:** Essential fatty acid deficiency and platelet fatty acids of normotensive and genetically hypertensive rats. Prostaglandins 13(3):583–6, Mar 77
ANIMAL NUTRITION/ ANIMAL/ *BLOOD PLATELETS, metabolism/ DIETARY FATS/ *FATTY ACIDS, blood/ FATTY ACIDS, ESSENTIAL, blood/ *FATTY ACIDS, ESSENTIAL, deficiency/ *HYPERTENSION, blood/ HYPERTENSION, diet therapy/ HYPERTENSION, familial & genetic/ RATS/ RATS, INBRED STRAINS

5328. **Lehr L, Niedermüller H, Hofecker G:** Changes in pulmonary lipoprotein lipase activity in dogs following experimental bone fracture. A new concept on the pathogenesis of post-traumatic impairment of lung surfactant synthesis and accumulation of fat in lung vessels? Surgery 81(5):521–6, May 77
ANIMAL/ BLOOD PRESSURE/ DOGS/ FRACTURES/ HEPARIN/ *HINDLIMB, injuries/ *LIPOPROTEIN LIPASE, metabolism/ *LUNG, enzymology/ LUNG, pathology/ MALE/ PULMONARY ARTERY/ *PULMONARY SURFACTANT, biosynthesis

5329. **Lehrach F, Müller R, Theis H:** Fünf Jahre klinisch-experimentelle und therapeutische Erfahrungen mit Pentoxifyllin Med Monatsschr 31(4):159–63, Apr 77 **(Ger)**
ARTERIAL OCCLUSIVE DISEASES, drug therapy/ CEREBROVASCULAR DISORDERS, drug therapy/ CHEMISTRY/ EYE DISEASES, drug therapy/ HUMAN/ *PENTOXIFYLLINE, therapeutic use/ *THEOBROMINE, analogs & derivatives/ THROMBOSIS, drug therapy

5330. **Leichtman DA, Friedman BA:** The hemorrhagic complications of open-heart surgery.
CRC Crit Rev Clin Lab Sci 7(3):239–54, Apr 77 (62 ref.)
ADULT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ *CARDIOPULMONARY BYPASS, adverse effects/ CASE REPORT/ COAGULANTS, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ FIBRINOLYSIS/ *HEART SURGERY, adverse effects/ *HEMORRHAGE, etiology/

HEMORRHAGIC DIATHESIS, diagnosis/ *HEMORRHAGIC DIATHESIS, etiology/ HEMORRHAGIC DIATHESIS, therapy/ HEMOSTASIS/ HEPARIN ANTAGONISTS, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PROTAMINES, adverse effects/ PROTHROMBIN TIME/ REVIEW/ THROMBOPENIA, etiology

5331. **Leidl W, Wendt V:** Die Bedeutung des Spermienenzyms Akrosin bei der Fortpflanzung
Dtsch Tieraerztl Wochenschr 83(12):528–37, 5 Dec 76 (Eng. Abstr.) **(Ger)**
ACROSIN, isolation & purification/ *ACROSIN, physiology/ ANIMAL/ CATTLE/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, physiology/ *REPRODUCTION/ SPERMATOGENESIS/ *SPERMATOZOA, enzymology

5332. **Leikensohn JR, Benton C, Cotton R:** Subglottic hemangioma.
J Otolaryngol 5(6):487–92, Dec 76
FEMALE/ GLOTTIS/ *HEMANGIOMA/ HEMANGIOMA, complications/ HEMANGIOMA, diagnosis/ HEMANGIOMA, therapy/ HUMAN/ INFANT/ *LARYNGEAL NEOPLASMS/ LARYNGEAL NEOPLASMS, complications/ LARYNGEAL NEOPLASMS, diagnosis/ LARYNGEAL NEOPLASMS, therapy/ LARYNGOSTENOSIS, etiology/ MALE/ SKIN NEOPLASMS, complications

5333. **Leimgruber RM, Senior AE:** Removal of 'tightly bound' nucleotides from phosphorylating submitochondrial particles.
J Biol Chem 251(22):7110–3, 25 Nov 76
*ADENOSINE DIPHOSPHATE/ *ADENOSINE TRIPHOSPHATASE, metabolism/ *ADENOSINE TRIPHOSPHATE/ ANIMAL/ CATTLE/ ELECTRON TRANSPORT/ *MITOCHONDRIA, MUSCLE, metabolism/ OSMOLAR CONCENTRATION/ *OXIDATIVE PHOSPHORYLATION/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5334. **Leimgruber RM, Senior AE:** Removal of 'tightly bound' nucleotides from soluble mitochondrial adenosine triphosphatase (F1).
J Biol Chem 251(22):7103–9, 25 Nov 76
*ADENOSINE DIPHOSPHATE/ *ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, isolation & purification/ ADENOSINE TRIPHOSPHATASE, metabolism/ *ADENOSINE TRIPHOSPHATE/ ADENOSINE TRIPHOSPHATE, analogs & derivatives/ ANIMAL/ CATTLE/ ELECTRON TRANSPORT/ KINETICS/ *MITOCHONDRIA, MUSCLE, enzymology/ MYOCARDIUM/ OXIDATIVE PHOSPHORYLATION/ PROTEIN BINDING/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5335. **Leist FD, Masson JK, Erich JB:** A review of 324 rhytidectomies, emphasizing complications and patient dissatisfaction.
Plast Reconstr Surg 59(4):525–9, Apr 77
ADULT/ AGED/ ALOPECIA, etiology/ CICATRIX/ *CONSUMER SATISFACTION/ FACIAL NERVE, injuries/ FEMALE/ FOLLOW-UP STUDIES/ HEMATOMA, etiology/ HUMAN/ HYPESTHESIA, etiology/ MALE/ MIDDLE AGE/ QUESTIONNAIRES/ RECURRENCE/ *SKIN, surgery/ *SURGERY, PLASTIC, adverse effects

5336. **Leiter EH, Coleman DI, Waymouth C:** Cell culture of the endocrine pancreas of the mouse in chemically defined media.
In Vitro 9(6):421–33, May-Jun 74
AMYLASE, metabolism/ CELL ADHESION/ CELL MEMBRANE, ultrastructure/ *CELLS, CULTURED/ CULTURE MEDIA/ CYTOPLASMIC GRANULES, ultrastructure/ GLUCOSE/ INSULIN, biosynthesis/ INSULIN, secretion/ *ISLANDS OF LANGERHANS, cytology/ MICE/ MITOSIS/ OSMOLAR CONCENTRATION/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5337. **Leiter EH, Dempsey EC, Eppig JJ:** Exocrine pancreatic insufficiency syndrome in CBA/J mice. II. Biochemical studies.
Am J Pathol 86(1):31–46, Jan 77
ANIMAL/ CHYMOTRYPSIN, metabolism/ CHYMOTRYPSINOGEN, metabolism/ CYTOPLASMIC GRANULES, ultrastructure/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME PRECURSORS/ FEMALE/ FRACTIONATION/ MALE/ MICE/ *MICE, INBRED CBA/ PANCREATIC DISEASES, enzymology/ PANCREATIC DISEASES, pathology/ *PANCREATIC DISEASES, veterinary/ *RODENT DISEASES, enzymology/ RODENT DISEASES, pathology/ STAINS AND STAINING/ TRYPSIN, metabolism/ TRYPSINOGEN, metabolism

5338. **Leiter EH, Cunliffe-Beamer T:** Exocrine pancreatic insufficiency syndrome in CBA/J mice. III. Pathological and genetic analysis.
Gastroenterology 73(2):260–6, Aug 77
ANIMAL/ ATROPHY/ FEMALE/ GLUCOSE TOLERANCE TEST/ INSULIN, secretion/ MALE/ MICE/ *MICE, INBRED CBA/ NECROSIS/ *PANCREAS, pathology/ *PANCREATIC DISEASES/ PANCREATIC DISEASES, familial & genetic/ PANCREATIC DISEASES, pathology/ PANCREATIC DISEASES, transmission/ *PANCREATIC JUICE, secretion/ TRYPSIN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5339. **Leiter SS:** The human blood platelet: its derivation from the red blood cell. A morphologic study.
Folia Haematol (Leipz) 103(6):878–82, 1976 (Eng. Abstr.)
*BLOOD PLATELETS/ ENGLISH ABSTRACT/ *ERYTHROCYTES, metabolism/ *HEMATOPOIESIS/ HUMAN/ TISSUE CULTURE, methods

5340. **Leitz K, Freyschmidt J, Borst H:** Venöse Komplikationen beim abdominalen Aortenaneurysma
Vasa 5(3):194–8, 1976 (Eng. Abstr.) **(Ger)**
AGED/ AORTA, ABDOMINAL/ *AORTIC ANEURYSM, complications/ AORTIC ANEURYSM, surgery/ BLOOD VESSEL PROSTHESIS/ CASE REPORT/ ENGLISH ABSTRACT/ FISTULA, etiology/ FISTULA, surgery/ HUMAN/ ILIAC VEIN/ MALE/ THROMBOPHLEBITIS, etiology/ VENA CAVA, INFERIOR/ VENAE CAVAE

5341. **Lekas N, Rosenberg JC:** Release, aggregation and lysis of human platelets by antilymphocyte globulin and antiplatelet serum.
Thromb Haemostas 36(2):411–23, 30 Nov 76
ANTIGEN-ANTIBODY COMPLEX/ *ANTILYMPHOCYTE SERUM, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ CARBON RADIOISOTOPES/ CHROMIUM RADIOISOTOPES/ COMPLEMENT/ HUMAN/ *IMMUNE SERUMS, pharmacodynamics/ IN VITRO/ PLATELET AGGREGATION, drug effects/ *SEROTONIN, blood/ T-LYMPHOCYTES, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5342. **Lelianov AD, Novikov IuG, Pisarevskiĭ AA:** Eksperimental'naia émboliia legochnoĭ arterii i émboléktomiia pri vspomogatel'nom krovoobrashchenii
Eksp Khir Anesteziol (4):30–3, Jul-Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ DOGS/ ENGLISH ABSTRACT/ EXTRACORPOREAL CIRCULATION/ *PULMONARY EMBOLISM, surgery

5343. **Lemaitre G, Desmidt JP:** Les déformations et déplacements de la vessie de nature extrinséque. Applications du principe du vecteur
J Radiol Electrol Med Nucl 58(4):291–5, Apr 77 (Eng. Abstr.) **(Fre)**
*BLADDER, radiography/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, radiography/ HUMAN/ *LIPOMA, radiography/ *LYMPHADENITIS, radiography/ *PELVIC NEOPLASMS, radiography/ *THROMBOPHLEBITIS, radiography/ VENA CAVA, INFERIOR

5344. **Lemberger L, Terman S, Rowe H, et al:** The effect of

nisoxetine (Lilly compound 94939), a potential antidepressant, on biogenic amine uptake in man. Br J Clin Pharmacol 3(2):215–20, Apr 76
ADULT/ ANTIDEPRESSIVE AGENTS/ *BIOGENIC AMINES, metabolism/ BLOOD PLATELETS, metabolism/ BLOOD PRESSURE, drug effects/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG EVALUATION/ HEART RATE, drug effects/ HUMAN/ MALE/ NOREPINEPHRINE, pharmacodynamics/ *PHENYL ETHERS, pharmacodynamics/ *PROPYLAMINES, pharmacodynamics/ SEROTONIN, metabolism/ TYRAMINE, pharmacodynamics

5345. **Lemonnier D, Suquet JP, Aubert R, et al:** Metabolism of the mouse made obese by a high-fat diet. Diabete Metab 1(2):77–85, Jun 75
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, metabolism/ ANIMAL/ BLOOD SUGAR/ BODY WEIGHT/ CELL COUNT/ DIAPHRAGM/ DIETARY FATS/ FASTING/ FEMALE/ *GLUCOSE, metabolism/ GLUCOSE, pharmacodynamics/ *INSULIN, blood/ INSULIN, pharmacodynamics/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, analysis/ LIVER, metabolism/ MALE/ MICE/ MUSCLES, metabolism/ MYOCARDIUM, enzymology/ *OBESITY, metabolism/ ORGAN WEIGHT/ SEX FACTORS

5346. **Lemonnier D, Suquet JP, Aubert R, et al:** Metabolism of the mouse made obese by a high-fat diet. Diabete Metab 1(2):77–85, Jun 75
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, metabolism/ ANIMAL/ BLOOD SUGAR/ BODY WEIGHT/ CELL COUNT/ DIAPHRAGM/ DIETARY FATS/ FASTING/ FEMALE/ *GLUCOSE, metabolism/ GLUCOSE, pharmacodynamics/ *INSULIN, blood/ INSULIN, pharmacodynamics/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, analysis/ LIVER, metabolism/ MALE/ MICE/ MUSCLES, metabolism/ MYOCARDIUM, enzymology/ *OBESITY, metabolism/ ORGAN WEIGHT/ SEX FACTORS

5347. **Lenaers-Claeys G, Vaes G:** Conditions governing the release of collagenase and procollagenase by bone explants in culture: effects of heparin. Arch Int Physiol Biochim 84(3):634–6, 1976
ANIMAL/ BONE AND BONES, drug effects/ *BONE AND BONES, enzymology/ *CLOSTRIDIOPEPTIDASE A, secretion/ *ENZYME PRECURSORS, secretion/ *HEPARIN, pharmacodynamics/ MICE/ ORGAN CULTURE

5348. **Lennartz H, Trobisch H, Derra E Jr, et al:** 45. Die Schocklunge – ein neues Behandlungsprinzip Langenbecks Arch Chir 342:341–9, 15 Nov 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, WEST/ HEPARIN, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ METHODS/ MIDDLE AGE/ PLASMA/ PREDNISOLONE, therapeutic use/ RESPIRATION, ARTIFICIAL/ *RESPIRATORY DISTRESS SYNDROME, ADULT, drug therapy/ RESPIRATORY DISTRESS SYNDROME, ADULT, mortality/ RETROSPECTIVE STUDIES/ TRYPSIN INHIBITORS, therapeutic use

5349. **Leonetti J, Mathieu P, Djiane P, et al:** Traitement thrombolytique. Intéret du test de résistance à la streptokinase Nouv Presse Med 6(10):855, 12 Mar 77 **(Fre)**
DRUG RESISTANCE/ HUMAN/ *STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography

5350. **Leonetti J, Djiane P:** Les traitements thrombolytiques. Soins 22(17):29–32, 5 Sep 77 **(Fre)**
*FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *THROMBOSIS, drug therapy

5351. **Leonhardt H, Reinhardt I:** Methodische Untersuchungen zur Messug der Erythrozytenverformbarkeit (Filtrabilität, Flexibilität Fluidität) in Abhängigkeit der Plasmaviskosität, der Plasma-Proteine, der Hämatokrits, des Filtrationsdruckes sowied der Osmolarität Experientia 33(2):179–81, 15 Feb 77 (Eng. Abstr.) **(Ger)**
*BLOOD PROTEINS/ BLOOD VISCOSITY/ BLOOD/ ENGLISH ABSTRACT/ *ERYTHROCYTES, ultrastructure/ FILTRATION/ HEMATOCRIT/ HUMAN/ OSMOLAR CONCENTRATION/ PRESSURE/ PROTEIN CONFORMATION

5352. **Leonhardt H, Uthoff A, Uthoff C:** Vollblut- und Plasma-Viskosität bei koronaren Risikofaktoren. Untersuchungen zur Fliesseigenschaft des Blutes sowie den viskositätswirksamen Plasmabestandteilen bei Patienten mit einem Risikofaktor und Risikofaktorkombinationen. Klin Wochenschr 55(10):481–7, 15 May 77 (Eng. Abstr.) **(Ger)**
ALPHA MACROGLOBULINS/ BETA GLOBULINS/ *BLOOD VISCOSITY/ CHOLESTEROL, blood/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN/ HUMAN/ HYPERLIPEMIA, blood/ HYPERTENSION, blood/ IGG/ IGM/ LIPOPROTEINS, LDL/ MALE/ OBESITY, blood/ SMOKING/ TRIGLYCERIDES, blood

5353. **Lepage V, Degos L, Dausset J:** A 'natural' anti-HLA-A2 antibody reacting with homozygous cells. Tissue Antigens 8(2):139–42, AUG 76
ADULT/ *ANTIBODIES/ ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ BLOOD PLATELETS, immunology/ CASE REPORT/ GENETICS, POPULATION/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY ANTIGENS, analysis/ *HL-A/ HL-A, analysis/ HOMOZYGOTE/ HUMAN/ IGM, analysis/ LYMPHOCYTES, immunology/ MALE/ PEDIGREE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5354. **Lepetit JM, Chanchole S, Dany A, et al:** Nouvelle technique d'exploration fonctionnelle cérébrale: le captage centimétrique ultrasonore de la pulsatilité cérébrale. Application au diagnostic des tumeurs intra-crâniennes Rev Electroencephalogr Neurophysiol Clin 6(3):400–7, Jul-Sep 76 **(Fre)**
ASTROCYTOMA, physiopathology/ BRAIN NEOPLASMS, blood supply/ *BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, physiopathology/ CEREBROVASCULAR CIRCULATION/ CRANIOPHARYNGIOMA, physiopathology/ GLIOMA, physiopathology/ HEMANGIOMA, physiopathology/ HUMAN/ MENINGIOMA, physiopathology/ NEOPLASM METASTASIS/ OLIGODENDROGLIOMA, physiopathology/ PINEALOMA, physiopathology/ *ULTRASONICS, diagnostic use/ ULTRASONICS, instrumentation

5355. **Lepke S, Passow H:** Effects of incorporated trypsin on anion exchange and membrane proteins in human red blood cell ghosts. Biochim Biophys Acta 455(2):353–70, 2 Dec 76
BIOLOGICAL TRANSPORT/ BLOOD PROTEINS, metabolism/ ERYTHROCYTE MEMBRANE, drug effects/ *ERYTHROCYTE MEMBRANE, metabolism/ ERYTHROCYTE MEMBRANE, ultrastructure/ *ERYTHROCYTES, metabolism/ HUMAN/ KINETICS/ *MEMBRANE PROTEINS, blood/ MOLECULAR WEIGHT/ SULFANILIC ACID, blood/ SULFATES, blood/ SULFONIC ACIDS, blood/ *TRYPSIN, blood/ TRYPSIN, pharmacodynamics

5356. **Lepley D Jr, Flemma RJ, Mullen DC, et al:** Late evaluation of patients undergoing valve replacement with the Björk-Shiley prosthesis. Ann Thorac Surg 24(2):131–9, Aug 77
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ AORTIC VALVE, surgery/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, prevention & control/ CHILD/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS,

mortality/ HUMAN/ MIDDLE AGE/ MITRAL VALVE, surgery/ POSTOPERATIVE COMPLICATIONS/ QUALITY OF LIFE/ THROMBOEMBOLISM, etiology/ WISCONSIN

5357. **Leporskiĭ VN:** Oslozhneniia u bol'nykh pozhilogo vozrasta posle rezektsii zheludka po povodu raka Vopr Onkol 22(9):14–9, 1976 (Eng. Abstr.) **(Rus)**
AGE FACTORS/ BLOOD COAGULATION/ CARDIOVASCULAR DISEASES, occurrence/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ PERITONITIS, occurrence/ PNEUMONIA, occurrence/ POSTGASTRECTOMY SYNDROMES, blood/ POSTGASTRECTOMY SYNDROMES, mortality/ *POSTGASTRECTOMY SYNDROMES, occurrence/ *STOMACH NEOPLASMS, surgery/ THROMBOEMBOLISM, occurrence

5358. **Leppla SH:** Large-scale purification and characterization of the exotoxin of Pseudomonas aeruginosa. Infect Immun 14(4):1077–86, Oct 76
ADENOSINE DIPHOSPHATE, metabolism/ AMINO ACIDS, analysis/ BACTERIAL TOXINS, analysis/ *BACTERIAL TOXINS, isolation & purification/ BACTERIAL TOXINS, toxicity/ CELL-FREE SYSTEM/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, analysis/ *PSEUDOMONAS AERUGINOSA/ RIBOSE, metabolism

5359. **Lerman S, Borkman RF:** A method for detecting 8-methoxypsoralen in the ocular lens. Science 197(4310):1287–88, 23 Sep 77
ANIMAL/ *COUMARINS, analysis/ FICUSIN, analogs & derivatives/ *FICUSIN, analysis/ FICUSIN, metabolism/ *LENS, CRYSTALLINE, analysis/ LENS, CRYSTALLINE, metabolism/ PHOSPHORESCENCE/ PHOTOCHEMISTRY/ RATS/ SPECTROMETRY, FLUORESCENCE/ ULTRAVIOLET RAYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5360. **Lerner RG, Goldstein R, Nelson JC:** Production of thromboplastin (tissue factor) and thrombi by polymorphonuclear neutrophilic leukocytes adhering to vein walls. Thromb Res 11(1):11–22, Jul 77
ANIMAL/ BLOOD COAGULATION TESTS/ CELL ADHESION/ DOGS/ FEMALE/ *FEMORAL VEIN/ FEMORAL VEIN, pathology/ *JUGULAR VEIN/ JUGULAR VEIN, pathology/ MALE/ *NEUTROPHILS/ NEUTROPHILS, physiology/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, physiopathology/ *THROMBOPLASTIN, biosynthesis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5361. **Leroy J, Leclerc MH, Lamagnere JP, et al:** Particularités de l'hémostase du nouveau-né à terme J Gynecol Obstet Biol Reprod (Paris) 5(6):767–81, Sep 76 (Eng. Abstr.) **(Fre)**
BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ *HEMOSTASIS/ HOMEOSTASIS/ HUMAN/ *INFANT, NEWBORN/ NORMAL VALUES

5362. **Lesbros D, Ferran JL, Rieu D, et al:** Hémangiome localisé de la bronche souche du poumon gauche chez un nourrisson de deux mois Arch Fr Pediatr 33(G):895–903, Nov 76 (Eng. Abstr.) **(Fre)**
AIRWAY OBSTRUCTION, etiology/ *BRONCHIAL NEOPLASMS/ BRONCHIAL NEOPLASMS, pathology/ BRONCHIAL NEOPLASMS, radiography/ BRONCHIAL NEOPLASMS, surgery/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ PROGNOSIS/ PULMONARY EMPHYSEMA, etiology

5363. **Lesesne HR, Morgan JE, Blatt PM, et al:** Liver biopsy in hemophilia A. Ann Intern Med 86(6):703–7, Jun 77
ACUTE DISEASE/ ADULT/ *BIOPSY, NEEDLE/ CASE REPORT/ CHRONIC DISEASE/ *HEMOPHILIA, complications/ HEPATITIS, VIRAL, HUMAN, complications/ *HEPATITIS, VIRAL, HUMAN, diagnosis/ HEPATITIS, VIRAL, HUMAN, pathology/ HUMAN/ LIVER FUNCTION TESTS/ *LIVER, pathology/ MALE/ MIDDLE AGE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5364. **Leshinskiĭ LA, Trusov VV, Kats IM:** Puti lechebnoĭ korrektsii narusheniĭ tsentral'noĭ i regionarnoĭ gemodinamiki pri ostroĭ nedostatochnosti krovoobrashcheniia po pochve ishemicheskoĭ bolezni serdtsa Ter Arkh 48(10):38–43, 1976 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ANTICOAGULANTS, therapeutic use/ *BLOOD CIRCULATION/ *CORONARY DISEASE, drug therapy/ CORONARY DISEASE, physiopathology/ ENGLISH ABSTRACT/ *HEMODYNAMICS/ HUMAN/ STROPHANTHINS, therapeutic use/ VASODILATOR AGENTS, therapeutic use

5365. **Lester E, Varghese Z:** Differences in the calcium concentration of serum and plasma initially and after storage. Ann Clin Biochem 14(1):39–44, Jan 77
*BLOOD PRESERVATION/ *CALCIUM, blood/ DRUG STABILITY/ GLASS/ HUMAN/ METHODS/ PLASMA, analysis/ PLASTICS/ TEMPERATURE/ TIME FACTORS

5366. **Leu HJ, Sulser H:** Mailgner endothelialer Tumor der Arteria femoralis mit distaler Embolisation Virchows Arch [Pathol Anat] 371(2):153–9, 23 Aug 76 (Eng. Abstr.) **(Ger)**
AGED/ CASE REPORT/ ENGLISH ABSTRACT/ *FEMORAL ARTERY/ *HEMANGIOENDOTHELIOMA, complications/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ LEG/ MALE/ NEOPLASM METASTASIS/ SOFT TISSUE NEOPLASMS/ *THROMBOEMBOLISM, etiology

5367. **Leu HJ:** Fallstricke bei der Differentialdiagnose zwischen tiefer Venenthrombose, arterieller Durchblutungsstörung und pseudoradikulärem Syndrom Vasa 6(2):191–2, 1977 **(Ger)**
*ARTERIAL OCCLUSIVE DISEASES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *LEG, blood supply/ *RADICULITIS, diagnosis/ *THROMBOPHLEBITIS, diagnosis

5368. **Leung DW, Gilbert CW, Smith RE, et al:** Translation of satellite tobacco necrosis virus ribonucleic acid by an in vitro system from wheat germ. Biochemistry 15(22):4943–50, 2 Nov 76
CELL-FREE SYSTEM/ KINETICS/ MAGNESIUM, pharmacodynamics/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ PEPTIDE CHAIN INITIATION/ PEPTIDE FRAGMENTS, analysis/ PLANT PROTEINS, biosynthesis/ *PLANT VIRUSES, metabolism/ POTASSIUM, pharmacodynamics/ RIBOSOMES, metabolism/ *RNA, VIRAL, metabolism/ SEEDS, metabolism/ *TRANSLATION, GENETIC/ TRANSLATION, GENETIC, drug effects/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRAL PROTEINS, biosynthesis/ WHEAT, metabolism

5369. **Leung NL, Kinlough-Rathbone RL, Mustard JF:** Incorporation of 32PO4 into phospholipids of blood platelets. Br J Haematol 36(3):417–25, Jul 77
ANIMAL/ *BLOOD PLATELETS, metabolism/ HUMAN/ IN VITRO/ PHOSPHATES, metabolism/ *PHOSPHOLIPIDS, biosynthesis/ PHOSPHORUS RADIOISOTOPES/ RABBITS/ TIME FACTORS

5370. **Lev M, Milford AF:** Energy-dependent incorporation of sphingolipid precursors and fatty acids in Bacteriodes melaninogenicus. J Bacteriol 130(1):445–54, Apr 77
ACETATES, metabolism/ *ASPARAGINE, metabolism/ *BACTEROIDES MELANINOGENICUS, metabolism/ *BACTEROIDES, metabolism/ *CERAMIDES, biosynthesis/ ENERGY METABOLISM/ *GLUTAMINE, metabolism/ KINETICS/ *NAD, metabolism/ PALMITATES, metabolism/ *SPHINGOSINE, analogs & derivatives/ SPHINGOSINE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VITAMIN K, metabolism

5371. **Levanon A, Kohn A, Inbar M:** Increase in lipid fluidity of

cellular membranes induced by adsorption of RNA and DNA virions. J Virol 22(2):353–60, May 77
ADSORPTION/ CELL LINE/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, microbiology/ *ENCEPHALOMYOCARDITIS VIRUSES, growth & development/ HAMSTERS/ *MEMBRANE LIPIDS, physiology/ MICE/ *POLYOMA VIRUS, growth & development/ PROTAMINES, pharmacodynamics/ SPECTROMETRY, FLUORESCENCE/ TEMPERATURE/ *WEST NILE VIRUS, growth & development

5372. **Levenson SM, Seifter E:** Dysnutrition, wound healing, and resistance to infection. Clin Plast Surg 4(3):375–88, Jul 77 (100 ref.)
AMINO ACIDS, metabolism/ ANIMAL/ ASCORBIC ACID, metabolism/ CHICK EMBRYO/ COPPER, metabolism/ DOGS/ FATTY ACIDS, UNSATURATED, metabolism/ HUMAN/ IRON, metabolism/ PROTEINS, metabolism/ REVIEW/ TRACE ELEMENTS, metabolism/ VITAMIN A, metabolism/ VITAMIN B COMPLEX, metabolism/ VITAMIN E, metabolism/ VITAMIN K, metabolism/ *WOUND HEALING/ *WOUND INFECTION, metabolism/ WOUNDS AND INJURIES, metabolism/ ZINC, metabolism

5373. **Levi P, Musso A:** Le emorragie digestive nel neonato e nel lattante. Minerva Pediatr 29(22):1393–408, 23 Jun 77 **(Ita)**
BLOOD COAGULATION DISORDERS, complications/ BLOOD PLATELET DISORDERS, complications/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENTEROCOLITIS, ACUTE, complications/ FOOD HYPERSENSITIVITY, complications/ GASTROINTESTINAL SYSTEM, abnormalities/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGIC DISEASE OF NEWBORN, complications/ HUMAN/ INFANT, NEWBORN/ MILK PROTEINS, adverse effects/ PEPTIC ULCER HEMORRHAGE/ REGURGITATION, GASTRIC, complications/ STRESS, complications/ THROMBOPENIA, complications

5374. **Levi S, Moore J:** Sepsis in the child: review and pathophysiological correlation. J SC Med Assoc 72(10):390–4, Oct 76
ANTIBIOTICS, therapeutic use/ CATECHOLAMINES, therapeutic use/ CHILD/ HEPARIN, therapeutic use/ HUMAN/ SHOCK, SEPTIC, diagnosis/ SHOCK, SEPTIC, drug therapy/ *SHOCK, SEPTIC, physiopathology/ STEROIDS, therapeutic use

5375. **Levilliers N, Péron-Renner M, Pudles J:** Role of serine 195 in the stabilization of beta-trypsin and beta-trypsin-ligand complexes. J Mol Biol 111(3):279–303, 15 Apr 77
BENZAMIDINES/ GUANIDINES/ HYDROCHLORIC ACID/ HYDROGEN-ION CONCENTRATION/ HYDROXYLAMINES/ LIGANDS/ PROTEIN DENATURATION/ *SERINE/ TRYPSIN INHIBITORS/ *TRYPSIN

5376. **Levin DC, Gordon DH, McSweeney J:** Arteriography of peripheral hemangiomas. Radiology 121(3 Pt. 1):625–30, Dec 76
ADOLESCENCE/ ADULT/ *ANGIOGRAPHY/ CHILD/ CHILD, PRESCHOOL/ EXTREMITIES, blood supply/ *EXTREMITIES, radiography/ FEMALE/ HEMANGIOMA, blood supply/ *HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ PREGNANCY/ SOFT TISSUE NEOPLASMS, blood supply/ *SOFT TISSUE NEOPLASMS, radiography

5377. **Levin GZ, Rozman BS:** Terapevticheskaia éffektivnost' anticoaguliantov v ostroĭ faze mozgovogo infarkta. Zh Nevropatol Psikhiatr 77(1):24–31, 1977 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADULT/ AGED/ AMINOPHYLLINE, therapeutic use/ ANTICOAGULANTS, therapeutic use/ BENZIMIDAZOLES, therapeutic use/ *CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, complications/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ PAPAVERINE, therapeutic use/ *PARASYMPATHOLYTICS, therapeutic use/ PHENINDIONE, therapeutic use/ RHEUMATISM, complications

5378. **Levin K:** Calorimetry, a time-honored technique with a potential in analytical work and cellular biology. Clin Chem 23(6):929–37, Jun 77
BACTERIA, physiology/ BLOOD COAGULATION TESTS, methods/ BLOOD PLATELETS, physiology/ *CALORIMETRY/ CALORIMETRY, instrumentation/ CALORIMETRY, methods/ *CHEMISTRY, ANALYTICAL, methods/ *CHEMISTRY, CLINICAL, methods/ ENZYME TESTS, methods/ ENZYMES, metabolism/ ERYTHROCYTES, physiology/ FECES, analysis/ IN VITRO/ INSULIN, analysis/ LEUKOCYTES, physiology/ MICROCHEMISTRY

5379. **Levin ME:** The diabetic foot. J Am Podiatry Assoc 66(11):825–39, Nov 76
AMPUTATION/ BACTERIAL INFECTIONS, complications/ DIABETES MELLITUS, therapy/ *DIABETIC ANGIOPATHIES, complications/ DIABETIC ANGIOPATHIES, pathology/ DIABETIC ANGIOPATHIES, physiopathology/ *DIABETIC NEUROPATHIES, complications/ *FOOT DISEASES, etiology/ FOOT DISEASES, pathology/ FOOT DISEASES, physiopathology/ GANGRENE/ HEMOSTASIS/ HUMAN

5380. **Levin RD, Kwaan HC, Ing TS, et al:** Return of function in the thrombosed kidney after transplantation. Nephron 19(3):146–52, 1977
ADULT/ CASE REPORT/ FEMALE/ FIBRINOLYSIS/ GRAFT REJECTION/ HUMAN/ KIDNEY, pathology/ KIDNEY, physiology/ *KIDNEY, transplantation/ *THROMBOSIS, complications

5381. **Levin RL, Cravalho EG, Huggins CE:** A membrane model describing the effect of temperature on the water conductivity of erythrocyte membranes at subzero temperatures. Cryobiology 13(4):415–29, Aug 76
*BLOOD PRESERVATION/ *BLOOD/ CELL MEMBRANE PERMEABILITY/ CELL MEMBRANE, physiology/ CELL SURVIVAL/ *ERYTHROCYTES, physiology/ HUMAN/ KINETICS/ MATHEMATICS/ *MODELS, BIOLOGICAL/ *TEMPERATURE/ THERMODYNAMICS

5382. **Levin RL, Cravalho EG, Huggins CE:** Effect of hydration on the water content of human erythrocytes. Biophys J 16(12):1411–26, Dec 76
BLOOD PRESERVATION/ *ERYTHROCYTES/ FREEZING/ HUMAN/ MATHEMATICS/ MODELS, BIOLOGICAL/ OSMOSIS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *WATER

5383. **Levin GIa:** Komponenty fibrinoliticheskoĭ sistemy v svezhezagotovlennoĭ i konservirovannoĭ tsel'noĭ i promyvnoĭ kadavernoĭ plazme Probl Gematol Pereliv Krovi 21(9):14–7, 1976 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION/ CADAVER/ ENGLISH ABSTRACT/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ HUMAN/ *PLASMA, analysis/ PLASMINOGEN, analysis

5384. **Levin GIa, Sheremet'ev IuA:** Deĭstvie fosfolipazy A agregatsiiu éritrotsitov i trombotsitov Biull Eksp Biol Med 82(12):1411–3, Dec 76 (Eng. Abstr.) **(Rus)**
CATALYSIS/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *ERYTHROCYTE AGGREGATION, drug effects/ FIBRINOLYSIN/ PHOSPHOLIPASE, blood/ *PHOSPHOLIPASE, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ TRYPSIN

5385. **Levin GIa, Sheremet'ev IuA, Petrov SV:** Rol' éndoperekiseĭ prostaglandinov v agregatsii trombotsitov.

Biull Eksp Biol Med 84(7):13–6, Jul 77 (Eng. Abstr.) **(Rus)**
ALBUMINS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, metabolism/ ENGLISH ABSTRACT/ ERYTHROCYTE AGGREGATION, drug effects/ ERYTHROCYTES, metabolism/ *LYSOPHOSPHATIDYLCHOLINES, pharmacodynamics/ OXYGEN CONSUMPTION, drug effects/ *PEROXIDES, metabolism/ *PHOSPHOLIPASE, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS, metabolism

5386. **Levin GIa, Pakhomov SP:** Svertyvanie krovi i funktsional'nye svoĭstva trombotsitov v pozdnie stadii ozhogovoĭ bolezni. Khirurgiia (Mosk) (6):44–9, Jun 77 (Eng. Abstr.) **(Rus)**
ADULT/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ BODY SURFACE AREA/ *BURNS, blood/ ENGLISH ABSTRACT/ *HEMOSTASIS/ HUMAN/ MIDDLE AGE

5387. **Levina NV, Orlov SN, Petrusevich IuM, et al:** Khemiliuminestsentsiia v model'nykh sistemakh belok–lipid pod vozdeĭstviem formalina Biofizika 21(3):420–3, May–Jun 76 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ *FORMALDEHYDE/ *FORMALIN/ INSULIN/ LINOLEIC ACIDS/ *LIPIDS/ LUMINESCENCE/ OVALBUMIN/ PALMITIC ACIDS/ *PROTEINS/ SERUM ALBUMIN/ SERUM ALBUMIN, BOVINE/ TRYPSIN

5388. **Levine N, Hatcher VB, Lazarus GS:** Proteinases of human epidermis; a possible mechanism for polymorphonuclear leukocyte chemotaxis. Biochim Biophys Acta 452(2):458–67, 8 Dec 76
ANIMAL/ BIOLOGICAL ASSAY/ CATHEPSIN, isolation & purification/ CATHEPSIN, metabolism/ *CHEMOTAXIS, LEUKOCYTE/ DERMATITIS, pathology/ HUMAN/ INFLAMMATION/ *NEUTROPHILS, physiology/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ RABBITS/ *SKIN, enzymology/ TRYPSIN, isolation & purification/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5389. **Levine PH, McVerry BA, Attock B, et al:** Health of the intensively treated hemophiliac, with special reference to abnormal liver chemistries and splenomegaly. Blood 50(1):1–9, Jul 77
ALANINE AMINOTRANSFERASE, blood/ ANTIBODIES, analysis/ ANTIBODIES, VIRAL, analysis/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD TRANSFUSION/ CRYOGLOBULINS, therapeutic use/ CYTOMEGALOVIRUSES, immunology/ HEMOPHILIA, complications/ *HEMOPHILIA, therapy/ HEPATITIS B SURFACE ANTIGEN/ HUMAN/ LACTATE DEHYDROGENASE, blood/ LIVER FUNCTION TESTS/ PRECIPITATION/ *SPLENOMEGALY, complications/ TOXOPLASMA, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5390. **Levine PH:** 8. The home therapy program at the New England area hemophilia center. Scand J Haematol (31):37–51, 1977
ADOLESCENCE/ ADULT/ AGED/ CHILD/ COSTS AND COST ANALYSIS/ FEMALE/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HOME NURSING/ HUMAN/ MALE/ MIDDLE AGE/ NEW ENGLAND/ SELF ADMINISTRATION

5391. **Levine SP, Wohl H, Marzec U, et al:** Release of platelet factor 4 (PF4) measured by a polybrene assay in response to in vitro platelet damage. Thromb Res 10(1):1–10, Jan 77
*BLOOD COAGULATION FACTORS, secretion/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, secretion/ CELL MEMBRANE, metabolism/ HUMAN/ IN VITRO/ PLATELET FACTOR 3, metabolism/ *PLATELET FACTOR 4, secretion/ *STRESS, MECHANICAL/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5392. **Levinthal R, Stern WE:** Traumatic intr cerebral hematoma with stable neurological deficit. Surg Neurol 7(5):269–73, May 77
ADOLESCENCE/ ADULT/ AGED/ APHASIA, etiology/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL HEMORRHAGE, etiology/ FEMALE/ HEAD INJURIES, complications/ *HEMATOMA, diagnosis/ HEMATOMA, surgery/ HEMIPLEGIA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ RADIONUCLIDE IMAGING/ TOMOGRAPHY, COMPUTERIZED AXIAL

5393. **Levison ME, Carrizosa J, Tanphaichitra D, et al:** Effect of aspirin on thrombogenesis and on production of experimental aortic valvular Streptococcus viridans endocarditis in rabbits. Blood 49(4):645–50, Apr 77
ANIMAL/ AORTIC VALVE, drug effects/ *ASPIRIN, pharmacodynamics/ *ENDOCARDITIS, BACTERIAL, prevention & control/ FEMALE/ RABBITS/ STREPTOCOCCUS/ *THROMBOSIS, chemically induced/ THROMBOSIS, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5394. **Levitin PM:** Dissecting popliteal cyst: an unusual complication of Reiter's syndrome. South Med J 69(11):1522–3, Nov 76
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *KNEE JOINT/ KNEE JOINT, radiography/ MALE/ *REITER'S DISEASE, complications/ *SYNOVIAL CYST, complications/ SYNOVIAL CYST, radiography/ THROMBOPHLEBITIS

5395. **Levitina DI, Neplokh EG, Kotovshchikova MA, et al:** Primenenie v klinike tromboélastometra TEM-1. Nov Med Tekh (3):56–7, 1976 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ *THROMBELASTOGRAPHY, instrumentation

5396. **Levitskiĭ AP, Vovchuk SV, Osadchiĭ BD, et al:** Vplyv salivaĭnu na shlunkovu sekretsiiu. Fiziol Zh 23(3):329–33, May–Jun 77 (Eng. Abstr.) **(Ukr)**
ANIMAL/ BRADYKININ, pharmacodynamics/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ GASTRIC JUICE, secretion/ *GASTRIC MUCOSA, drug effects/ GASTRIC MUCOSA, secretion/ *KALLIKREIN, physiology/ RATS/ SALIVA, physiology/ SECRETORY RATE, drug effects/ SUBMANDIBULAR GLAND, secretion

5397. **Levitt RG, Sagel SS, Stanley RJ, et al:** Accuracy of computed tomography of the liver and biliary tract. Radiology 124(1):123–8, Jul 77
*BILIARY TRACT DISEASES, radiography/ CHOLANGITIS, radiography/ CHOLESTASIS, radiography/ COMMON BILE DUCT CALCULI, radiography/ CYSTS, radiography/ FEMALE/ HEMATOMA, radiography/ HEPATOMA, radiography/ HUMAN/ LIVER ABSCESS, radiography/ *LIVER DISEASES, radiography/ LIVER NEOPLASMS, radiography/ LIVER, injuries/ MALE/ NEOPLASM METASTASIS/ *TOMOGRAPHY, COMPUTERIZED AXIAL

5398. **Levo Y, Gorevic PD, Kassab HJ, et al:** Association between hepatitis B virus and essential mixed cryoglobulinemia. N Engl J Med 296(26):1501–4, 30 Jun 77
AGED/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, etiology/ ANTIBODIES, VIRAL, analysis/ *CRYOGLOBULINS/ FEMALE/ HEPATITIS B ANTIGENS, analysis/ HEPATITIS B SURFACE ANTIGEN, analysis/ *HEPATITIS B VIRUS/ HEPATITIS B VIRUS, ultrastructure/ HEPATITIS B, immunology/ HUMAN/ IGG, analysis/ IGM, analysis/ JOINTS, immunology/ MALE/ MIDDLE AGE/ PAIN/ *PARAPROTEINEMIAS, etiology/ PARAPROTEINEMIAS, immunology/ PURPURA, immunology/ SYNDROME/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5399. **Levy G:** Clinical implications of interindividual differences in plasma protein binding of drugs and endogenous substances. pp. 137–51.
In: Benet LZ, ed. The effect of disease states on drug pharmacokinetics. Washington, American Pharmaceutical Assc., 1976. QV 38 A512e 1976.
ANIMAL/ *BIOPHARMACEUTICS/ BISHYDROXYCOUMARIN, metabolism/ *BLOOD PROTEINS, metabolism/ DIPHENYLHYDANTOIN, adverse effects/ DIPHENYLHYDANTOIN, metabolism/ *DRUGS, metabolism/ HUMAN/ HYPERBILIRUBINEMIA, metabolism/ MALE/ MONOGRAPH/ PROTEIN BINDING/ RATS/ SERUM ALBUMIN, deficiency/ SMOKING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, metabolism

5400. **Lévy JM, Stoll C, Gardea A, et al:** Clinique et génétique dans la thrombasthénie de Glanzmann
Nouv Rev Fr Hematol 16(3):399–405, 1976 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ AGGLUTININS, analysis/ BLOOD PLATELETS, immunology/ CHILD/ CHILD, PRESCHOOL/ CONSANGUINITY/ ENGLISH ABSTRACT/ ETHNIC GROUPS/ FEMALE/ GENES, RECESSIVE/ HETEROZYGOTE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ PEDIGREE/ PURPURA, THROMBOPENIC, diagnosis/ *PURPURA, THROMBOPENIC, familial & genetic/ PURPURA, THROMBOPENIC, immunology/ RISK/ SYNDROME

5401. **Levy MR, McConkey CL:** Enzyme inactivation by a cellular neutral protease: enzyme specificity, effects of ligands on inactivation, and implications for the regulation of enzyme degradation. J Cell Physiol 90(2):253–63, Feb 77
ANIMAL/ CITRATE SYNTHASE, metabolism/ D-AMINO ACID OXIDASE, metabolism/ ENZYME REPRESSION/ FUMARATE HYDRATASE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HEXOKINASE, metabolism/ HYDROGEN-ION CONCENTRATION/ ISOCITRATE DEHYDROGENASE, metabolism/ LACTATE DEHYDROGENASE, metabolism/ *LIGANDS, pharmacodynamics/ *LYASES, metabolism/ MERCAPTOETHANOL, pharmacodynamics/ MOLECULAR WEIGHT/ *OXIDOREDUCTASES, metabolism/ *PEPTIDE HYDROLASES, pharmacodynamics/ *PHOSPHOTRANSFERASES, ATP, metabolism/ PYRUVATE KINASE, metabolism/ TEMPERATURE/ *TETRAHYMENA PYRIFORMIS, enzymology

5402. **Levy R, Brochard C, Alterescu R:** Thrombopenie et chrysothérapie. A propos d'une observation personnelle
Ann Med Interne (Paris) 127(8–9):571–2, AUG–SEP 76 **(Fre)**
*ARTHRITIS, RHEUMATOID, drug therapy/ CASE REPORT/ FEMALE/ *GOLD, adverse effects/ GOLD, therapeutic use/ HUMAN/ MIDDLE AGE/ *THROMBOPENIA, chemically induced

5403. **Levy S, Papadopoulo D, Nocentini S, et al:** Transformation of hamster embryo cells by 7-methyl benz(a)anthracene in vitro: tumorigenicity, chromosome pattern and spheroid formation. Eur J Cancer 12(11):871–6, Nov 76
*BENZANTHRACENES/ BENZANTHRACENES, pharmacodynamics/ CELL SURVIVAL, drug effects/ *CELL TRANSFORMATION, NEOPLASTIC/ CELL TRANSFORMATION, NEOPLASTIC, pathology/ CELLS, CULTURED/ *CHROMOSOMES, drug effects/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS, EXPERIMENTAL, etiology/ TIME FACTORS/ TRYPSIN

5404. **Levy SB, Lilley JJ, Frigon RP, et al:** Urinary kallikrein and plasma renin activity as determinants of renal blood flow. The influence of race and dietary sodium intake.
J Clin Invest 60(1):129–38, Jul 77
ADULT/ BLOOD PRESSURE, drug effects/ CAUCASIAN RACE/ COMPARATIVE STUDY/ CREATININE, blood/ DIET/ DIET, SALT-FREE/ HUMAN/ *HYPERTENSION, physiopathology/ *KALLIKREIN, urine/ *KIDNEY, blood supply/ MALE/ NEGROID RACE/ POTASSIUM, blood/ REGIONAL BLOOD FLOW, drug effects/ *RENIN, blood/ SODIUM, blood/ *SODIUM, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5405. **Lévy-Toledano S, Bredoux R, Rendu F, et al:** Isolement et fonctions des plaquettes I. A partir de plasma riche en plaquettes. Comparaison de deux méthodes: filtration sur gel et centrifugation sur gradient d'albumine. II. Nouvelle méthode à partir de sang total: centrifugation sur gradients de métrizamide Nouv Rev Fr Hematol 16(3):367–80, 1976 (Eng. Abstr.) **(Fre)**
BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ *CELL SEPARATION, methods/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, GEL/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ METRIZAMIDE, diagnostic use/ MICROSCOPY, PHASE CONTRAST/ PLATELET AGGREGATION/ RISTOCETIN, pharmacodynamics/ SEROTONIN, metabolism

5406. **Levyant MI, Bylinkina VS, Trudolyubova MG, et al:** Presence of a proteinase in polyribosomes of rat liver.
Mol Biol (Mosk) 10(4):634–9, Jul–Aug 76
ANIMAL/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ *POLYRIBOSOMES, enzymology/ RATS/ TOSYLPHENYLALANYL CHLOROMETHYL KETONE, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

5407. **Lewandowski L, Obrębowski A, Zakrzewski J:** Przyczynek do obrazu klinicznego choroby Wegenera.
Czas Stomatol 30(6):497–500, Jun 77 (Eng. Abstr.) **(Pol)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ MALE/ *MAXILLARY SINUS/ OROANTRAL FISTULA, complications/ *SINUSITIS, complications/ *WEGENER'S GRANULOMATOSIS, complications

5408. **Lewin W:** Changing attitudes to the management of severe head injuries. Br Med J 2(6046):1234–9, 20 Nov 76
ATTITUDE OF HEALTH PERSONNEL/ BRAIN CONCUSSION, pathology/ BRAIN EDEMA, etiology/ BRAIN INJURIES, ACUTE, drug therapy/ CEREBRAL ANOXIA, complications/ HEAD INJURIES, complications/ *HEAD INJURIES, therapy/ HEMATOMA, complications/ HUMAN/ HYDROCEPHALUS, complications/ HYPOTHERMIA, INDUCED/ INTRACRANIAL PRESSURE/ RESPIRATION, ARTIFICIAL/ UNCONSCIOUSNESS, etiology/ UREA, therapeutic use

5409. **Lewis CE Jr, Antoine J, Mueller C, et al:** Elastic compression in the prevention of venous stasis. A critical reevaluation.
Am J Surg 132(6):739–43, Dec 76
ADULT/ *CLOTHING/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ PRESSURE/ *THROMBOPHLEBITIS, prevention & control

5410. **Lewis DA, Parrott DP:** The effect of cortisol on alpha1-macro-globulin and alpha2-acute phase globulin in the arthritic rat [proceedings]. Br J Pharmacol 58(3):441P–442P, Nov 76
ANIMAL/ *ARTHRITIS, metabolism/ *ARTHRITIS, ADJUVANT, metabolism/ BLOOD PROTEINS, metabolism/ *GLOBULINS, metabolism/ *HYDROCORTISONE, pharmacodynamics/ *MACROGLOBULINS, metabolism/ MALE/ RATS/ TRYPSIN, blood

5411. **Lewis DA:** Endogenous anti-inflammatory proteins.
Biochem Pharmacol 26(8):693–8, 15 Apr 77 (86 ref.)
ADRENAL CORTEX HORMONES, metabolism/ ALPHA MACROGLOBULINS, metabolism/ ALPHA 1-ANTITRYPSIN, metabolism/ ANIMAL/ *ANTI-INFLAMMATORY AGENTS, metabolism/ ARTHRITIS, ADJUVANT, chemically induced/ ARTHRITIS, RHEUMATOID, metabolism/ BETA GLOBULINS, metabolism/ CARRAGEENAN/ CHYMOTRYPSIN, antagonists

& inhibitors/ DIMETHYLNITROSAMINE/ HUMAN/ INFLAMMATION, chemically induced/ KALLIKREIN, metabolism/ KALLIKREIN-TRYPSIN INACTIVATOR, metabolism/ LEUKOCYTES, metabolism/ LIVER, metabolism/ LYSOSOMES, metabolism/ MACROPHAGES, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN BINDING/ PROTEINS, metabolism/ REVIEW/ SYNOVIAL FLUID, metabolism

5412. **Lewis DM, Loegering DA, Gleich GJ:** Antiserum to the major basic protein of guinea pig eosinophil granules. Immunochemistry 13(9):743-6, Sep 76
ANIMAL/ ANTIBODIES, analysis/ ANTIGENIC DETERMINANTS/ ANTIGENS, analysis/ *BLOOD PROTEINS, immunology/ C-REACTIVE PROTEIN/ COMPLEMENT FIXATION TESTS/ CROSS REACTIONS/ *EOSINOPHILS, immunology/ GUINEA PIGS/ HUMAN/ IGG, analysis/ *IMMUNE SERUMS/ IMMUNIZATION/ PROTAMINES, immunology/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5413. **Lewis JC, Fuster V, Kottke BA:** Thrombocytes in atherosclerosis-resistant and atherosclerosis-susceptible breeds of pigeon: a comparative ultrastructural study. Exp Mol Pathol 25(3):332-43, Dec 76
ANIMAL/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ ATHEROSCLEROSIS, familial & genetic/ ATHEROSCLEROSIS, pathology/ *BLOOD PLATELETS, ultrastructure/ COMPARATIVE STUDY/ CYTOPLASM, ultrastructure/ CYTOPLASMIC GRANULES, ultrastructure/ GLASS/ MICROSCOPY, ELECTRON/ PHAGOCYTOSIS/ PIGEONS/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5414. **Lewis JC, Hagedorn AB:** Aspirin effects on human platelets: a scanning electron microscope study. Thromb Res 9(6):647-52, Dec 76
*ASPIRIN, pharmacodynamics/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ HUMAN/ MICROSCOPY, ELECTRON, SCANNING

5415. **Lewis JC, Kottke BA:** Endothelial damage and thrombocyte adhesion in pigeon atherosclerosis. Science 196(4293):1007-9, 27 May 77
ANIMAL/ *AORTA, pathology/ AORTA, ultrastructure/ *ARTERIOSCLEROSIS, veterinary/ ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, pathology/ *ATHEROSCLEROSIS, veterinary/ *BIRD DISEASES, pathology/ *BLOOD PLATELETS, pathology/ CELL ADHESION/ ENDOTHELIUM, pathology/ ENDOTHELIUM, physiopathology/ ENDOTHELIUM, ultrastructure/ *LEUKOCYTES, pathology/ MICROSCOPY, ELECTRON, SCANNING/ *PIGEONS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5416. **Lewis JH:** Comparative hematology--studies on Camelidae. Comp Biochem Physiol [A] 55(4A):367-71, 1976
ANIMAL/ *ARTIODACTYLA, blood/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ *CAMELIDS, NEW WORLD, blood/ *CAMELS, blood/ CLOT RETRACTION/ COMPARATIVE STUDY/ HUMAN/ LEUKOCYTE COUNT/ PROTHROMBIN TIME/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5417. **Lewis JH:** Cross-immuno reactivities of mammalian fibrinogens. Thromb Res 9(5):473-8, Nov 76
ANIMAL/ ANTIBODY SPECIFICITY/ ANTIGENIC DETERMINANTS/ COMPARATIVE STUDY/ *CROSS REACTIONS/ FIBRIN, immunology/ *FIBRINOGEN, immunology/ HUMAN/ MAMMALS/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5418. **Lewis JH, Spero JA, Hasiba U:** Coagulopathies. DM 23(9):1-64, Jun 77 (119 ref.)
AFIBRINOGENEMIA/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION/ CHRISTMAS DISEASE, familial & genetic/ CHRISTMAS DISEASE, therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FACTOR VIII, antagonists & inhibitors/ FACTOR XI DEFICIENCY/ FACTOR XII/ FACTOR XIII/ FIBRINOGEN/ FIBRINOLYSIS/ HEMOPHILIA, familial & genetic/ HEMOPHILIA, therapy/ HEMOSTASIS/ HUMAN/ HYPOPROTHROMBINEMIAS/ KININOGENS/ LIVER DISEASES, complications/ PREKALLIKREIN/ REVIEW/ VITAMIN K DEFICIENCY, complications/ VON WILLEBRAND'S DISEASE, physiopathology

5419. **Lewis MB:** Common paediatric skin conditions. Med J Aust 2(22):831-3, 27 Nov 76
CHILD/ CHILD, PRESCHOOL/ DERMATITIS, ATOPIC, therapy/ DIAGNOSIS, DIFFERENTIAL/ DIAPER RASH, etiology/ DIAPER RASH, therapy/ HEMANGIOMA, therapy/ HEMANGIOMA, CAVERNOUS, therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ SEBORRHEA, diagnosis/ SEBORRHEA, therapy/ *SKIN DISEASES/ SKIN DISEASES, INFECTIOUS/ SKIN NEOPLASMS, therapy

5420. **Lewis UJ:** Chemistry of prolactin. Adv Exp Med Biol 80:19-35, 1977
AMIDES/ AMINO ACID SEQUENCE/ AMNIOTIC FLUID, analysis/ ANIMAL/ ASPARAGINE/ BIOLOGICAL ASSAY/ CHEMISTRY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, metabolism/ PITUITARY GLAND, ANTERIOR, analysis/ *PROLACTIN/ PROLACTIN, isolation & purification/ PROTEIN CONFORMATION/ RADIOIMMUNOASSAY/ SOLUBILITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5421. **L'Hénaff H, Nicolas G, Bouhour JB, et al:** Étude des phonomécanogrammes chez les malades porteurs d'une prothèse de Björk en position aortique Arch Mal Coeur 69(2):143-6, Feb 76 (Eng. Abstr.) **(Fre)**
*AORTIC VALVE/ AORTIC VALVE, physiology/ CASE REPORT/ ENGLISH ABSTRACT/ HEART SOUNDS/ *HEART VALVE PROSTHESIS/ HUMAN/ MYOCARDIAL CONTRACTION/ *PHONOCARDIOGRAPHY/ THROMBOSIS, physiopathology

5422. **L'Herminé C, Vankemmel M, Dehaene JL, et al:** Hématome sous-capsulaire spontané du foie comprimant les veines sus-hépatiques. Diagnostic angiographique J Radiol Electrol Med Nucl 10(57):747-52, Oct 76 (Eng. Abstr.) **(Fre)**
ADULT/ CASE REPORT/ CELIAC ARTERY, radiography/ ENGLISH ABSTRACT/ HEMATOMA, complications/ HEMATOMA, etiology/ *HEMATOMA, radiography/ *HEPATIC VEINS/ HEPATIC VEINS, radiography/ HUMAN/ *LIVER DISEASES/ LIVER DISEASES, etiology/ LIVER DISEASES, radiography/ MALE

5423. **Li CH, Hayashida T, Doneen BA, et al:** Human somatotropin: biological characterization of the recombinant molecule. Proc Natl Acad Sci USA 73(10):3463-5, Oct 76
AMINO ACID SEQUENCE/ ANTIGENIC DETERMINANTS/ BIOLOGICAL ASSAY/ ENZYME INDUCTION, drug effects/ FIBRINOLYSIN/ HUMAN/ MAMMAE, metabolism/ ORNITHINE DECARBOXYLASE, biosynthesis/ PROTEINS, biosynthesis/ *SOMATOTROPIN/ SOMATOTROPIN, immunology/ SOMATOTROPIN, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES

GOVERNMENT SUPPORTED, N.I.H.

5424. **Li CH, Bewley TA:** Studies on plasmin-modified human growth hormone and its fragments. pp. 14–32. In: Pecile A, Muller EE, ed. Growth hormone and related peptides. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.381 1975.
AMINO ACID SEQUENCE/ ANIMAL/ BIOLOGICAL ASSAY/ CIRCULAR DICHROISM/ DISULFIDES/ DITHIOTHREITOL/ ENZYME ACTIVATION/ *FIBRINOLYSIN/ FIBRINOLYSIN, pharmacodynamics/ HUMAN/ MALE/ MONOGRAPH/ ORNITHINE DECARBOXYLASE, metabolism/ PEPTIDE FRAGMENTS/ PROTEIN CONFORMATION/ RATS/ *SOMATOTROPIN/ SOMATOTROPIN, pharmacodynamics/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIBIA, drug effects

5425. **Li CH, Chung D, Doneen BA:** Isolation, characterization and opiate activity of beta-endorphin from human pituitary glands. Biochem Biophys Res Commun 72(4):1542–7, 18 Oct 76
AMINO ACID SEQUENCE/ *ANALGESICS AND ANTIPYRETICS/ ANIMAL/ BIOLOGICAL ASSAY/ GUINEA PIGS/ HUMAN/ ILEUM, drug effects/ MORPHINE DERIVATIVES, pharmacodynamics/ PEPTIDE FRAGMENTS, analysis/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ *PEPTIDES, physiology/ *PITUITARY GLAND, physiology/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5426. **Li CH, Tan L, Chung D:** Isolation and primary structure of beta-endrophin and beta-lipotropin from bovine pituitary glands. Biochem Biophys Res Commun 77(3):1088–93, 8 Aug 77
AMINO ACID SEQUENCE/ ANIMAL/ CATTLE/ *ENDORPHINS, isolation & purification/ *LIPOTROPIN, isolation & purification/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDES, isolation & purification/ *PITUITARY GLAND, analysis/ TRYPSIN

5427. **Li HC, McLimans WF, Back N:** Purification and characterization of kinin-forming acid protease from mouse fibroblasts L-929. Biochem Pharmacol 26(13):1187–95, 1 Jul 77
ANIMAL/ CELL LINE/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTEINE, metabolism/ ELECTROPHORESIS, DISC/ *FIBROBLASTS, enzymology/ FIBROBLASTS, ultrastructure/ HYDROGEN-ION CONCENTRATION/ HYDROXYAPATITES/ KININOGENS, blood/ *KININS, biosynthesis/ MICE/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SUBCELLULAR FRACTIONS, enzymology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5428. **Liaĭman OM, Minina LT, Troitskiĭ VB, et al:** Izmenenie nekotorykh pokazateleĭ belkov plazmy u sobak s ostroĭ krovopotereĭ pri vospolnenii krovopoteri poligliukinom i reopoligliukinom Probl Gematol Pereliv Krovi 21(8):25–8, Aug 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ANIMAL/ *BLOOD PROTEINS, analysis/ COMPARATIVE STUDY/ *DEXTRAN, therapeutic use/ DOGS/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HEMORRHAGE, blood/ *HEMORRHAGE, therapy/ TIME FACTORS

5429. **Lian EC, Deykin D:** In vivo dissociation of factor VII (AHF) activity and factor VII-related antigen in von Willebrand's disease. Am J Hematol 1(1):71–8, 1976
ANIMAL/ ANTIGENS/ COMPARATIVE STUDY/ *FACTOR VIII, immunology/ *FACTOR VIII, metabolism/ FEMALE/ HUMAN/ MALE/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VON WILLEBRAND'S DISEASE, diagnosis/ VON WILLEBRAND'S DISEASE, familial & genetic/ *VON WILLEBRAND'S DISEASE, immunology

5430. **Lian EC, Deykin D, Harkness DR:** Combined deficiencies of Factor VIII (AHF) and Factor XI (PTA). Am J Hematol 1(3):319–24, 1976
ADOLESCENCE/ CASE REPORT/ FACTOR XI DEFICIENCY, complications/ *FACTOR XI DEFICIENCY, familial & genetic/ FACTOR XI DEFICIENCY, physiopathology/ GENES/ HEMOPHILIA, complications/ *HEMOPHILIA, familial & genetic/ HEMOPHILIA, physiopathology/ HUMAN/ MALE/ PEDIGREE/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5431. **Lian EC, Nunez RL, Harkness DR:** In vivo and in vitro effects of thrombin and plasmin on human factor VIII (AHF). Am J Hematol 1(4):481–91, 1976
AGED/ ANTIGENS, analysis/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *FACTOR VIII, analysis/ FACTOR VIII, immunology/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRINOLYSIN, pharmacodynamics/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ PULMONARY EMBOLISM, blood/ *THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5432. **Lian EC:** Von Willebrand's disease--a common bleeding disorder. Adv Intern Med 22:207–28, 1977 (86 ref.)
ANTIBODY SPECIFICITY/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ CAPILLARY FRAGILITY/ FACTOR VIII, immunology/ FACTOR VIII, therapeutic use/ FEMALE/ HEMOPHILIA/ HEMORRHAGE, etiology/ HUMAN/ MALE/ MENORRHAGIA, drug therapy/ PLASMA/ PLATELET ADHESIVENESS/ REVIEW/ RISTOCETIN, diagnostic use/ *VON WILLEBRAND'S DISEASE/ VON WILLEBRAND'S DISEASE, diagnosis/ VON WILLEBRAND'S DISEASE, familial & genetic

5433. **Lian JB, Skinner M, Benson MD, et al:** Fractionation of primary amyloid fibrils. Characterization and chemical interaction of the subunits. Biochim Biophys Acta 491(1):167–76, 28 Mar 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *AMYLOID/ AMYLOID, isolation & purification/ AMYLOID, metabolism/ *AMYLOIDOSIS, metabolism/ CASE REPORT/ GEL DIFFUSION TESTS/ HUMAN/ *LIVER, metabolism/ MIDDLE AGE/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5434. **Liapina LA, Ul'ianov AM, Zhitnikova ES:** Protivosvertyvaiushchia sistema pri vnutrivennom vvedenii faktora XIII i tromboplastina Fiziol Zh SSSR 62(8):1166–70, Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FACTOR XIII, metabolism/ *FACTOR XIII, pharmacodynamics/ FIBRINOGEN, metabolism/ FIBRINOLYSIS, drug effects/ INJECTIONS, INTRAVENOUS/ MALE/ RATS/ *THROMBOPLASTIN, pharmacodynamics

5435. **Liapina LA, Zhitnikova ES, Kudriashov BA:** Funktsional'noe sostoianie protivosvertyvaiushcheĭ sistemy u splenéktomirovannykh zhivotnykh v razlichnye sroki posle operatsii Biol Nauki (7):87–90, 1976 **(Rus)**
ANIMAL/ *BLOOD COAGULATION/ BLOOD PROTEINS, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HEPARIN, metabolism/ MALE/ PROTEIN BINDING/ RATS/ *SPLENECTOMY/ TIME FACTORS

5436. **Libshitz HI, Baber CE, Hammond CB:** The pulmonary metastases of choriocarcinoma. Obstet Gynecol 49(4):412–6, Apr 77
*CHORIOCARCINOMA, radiography/ HUMAN/ LUNG NEOPLASMS, complications/ *LUNG NEOPLASMS, radiography/ METHOTREXATE, adverse effects/ NEOPLASM METASTASIS/ PULMONARY EMBOLISM, etiology

5437. **Lichliter WD, Naider F, Becker JM:** Basis for the design of anticandidal agents from studies of peptide utilization in Canadida albicans. Antimicrob Agents Chemother 10(3):483–90, Sep 76
*ANTIFUNGAL AGENTS/ ANTIFUNGAL AGENTS, pharmacodynamics/ BIOLOGICAL TRANSPORT, drug effects/ CANDIDA

ALBICANS, enzymology/ CANDIDA ALBICANS, growth & development/ *CANDIDA ALBICANS, metabolism/ CHROMATOGRAPHY, THIN LAYER/ LYSINE, pharmacodynamics/ METHIONINE, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, metabolism/ PEPTIDES, pharmacodynamics/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5438. **Lichtenstein H, Kammerer J, Bodin F, et al:** Les thromboses portales acquises de l'adulte (A propos de 54 observations) Ann Med Interne (Paris) 128(3):295-8, Mar 77 **(Fre)**
ADULT/ FEMALE/ HUMAN/ HYPERTENSION, PORTAL, etiology/ INFECTION, complications/ LIVER DISEASES, complications/ MALE/ MIDDLE AGE/ PANCREATIC CYST, complications/ *PORTAL VEIN/ SPLENECTOMY, adverse effects/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, therapy

5439. **Lichtenstein JR, Bauer EA, Uitto J:** Cleavage of human fibroblast type I procollagen by mammalian collagenase: demonstration of amino- and carboxy-terminal extension peptides. Biochem Biophys Res Commun 73(3):665-72, 6 Dec 76
BINDING SITES/ CELLS, CULTURED/ CHYMOTRYPSIN/ *CLOSTRIDIOPEPTIDASE A/ DISULFIDES, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBROBLASTS/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *PROCOLLAGEN/ PROCOLLAGEN, isolation & purification/ PROTEIN BINDING/ SKIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5440. **Lichtenstein LM:** The interdependence of allergic and inflammatory processes. pp. 233-54.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m.
A-23187, pharmacodynamics/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADRENERGIC BETA RECEPTOR AGONISTS, pharmacodynamics/ ANIMAL/ BASOPHILS, immunology/ EOSINOPHILS/ ESTERASES, metabolism/ HISTAMINE LIBERATION/ HUMAN/ *HYPERSENSITIVITY, immunology/ HYPERSENSITIVITY, classification/ HYPERSENSITIVITY, IMMEDIATE, immunology/ IGE/ IMMUNITY, CELLULAR/ *INFLAMMATION, immunology/ KALLIKREIN, metabolism/ LEUKOCYTES, enzymology/ LYMPHOKINES, metabolism/ LYSOSOMES, enzymology/ MAST CELLS, immunology/ MONOGRAPH/ RECEPTORS, HISTAMINE H2/ T-LYMPHOCYTES, immunology/ T-LYMPHOCYTES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5441. **Lie TS, Kim WI, Holst A, et al:** Treatment of extrahepatic occlusive jaundice with activated charcoal hemoperfusion in dogs. Acta Hepatogastroenterol (Stuttg) 23(4):262-6, Jul-Aug 76
ABNORMALITIES, therapy/ ANIMAL/ BILIRUBIN, analysis/ BLOOD COAGULATION FACTORS, analysis/ *CHARCOAL, therapeutic use/ COMMON BILE DUCT, abnormalities/ COMMON BILE DUCT, surgery/ *DISEASE MODELS, ANIMAL/ DOGS/ *HEMODIALYSIS, methods/ HUMAN/ INFANT/ INFANT, NEWBORN/ JAUNDICE, OBSTRUCTIVE, blood/ JAUNDICE, OBSTRUCTIVE, enzymology/ *JAUNDICE, OBSTRUCTIVE, therapy/ PROTHROMBIN, analysis

5442. **Lie-injo LE:** alpha1-Antitrypsin with unusual behaviour. Clin Chim Acta 72(1):83-7, 1 Oct 76
*ALPHA 1-ANTITRYPSIN/ ALPHA 1-ANTITRYPSIN, pharmacodynamics/ CASE REPORT/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ GEL DIFFUSION TESTS/ HUMAN/ MALE/ PHILIPPINES, ethnology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5443. **Lieberman BA, Gordon AG, Bostock JF, et al:** Laparoscopic sterilization with spring-loaded clips: double-puncture technique. J Reprod Med 18(5):241-5, May 77
ABDOMEN/ FEMALE/ HEMATOMA, etiology/ HUMAN/ LAPAROSCOPY, adverse effects/ *LAPAROSCOPY, instrumentation/ LAPAROSCOPY, methods/ STERILIZATION REVERSAL/ STERILIZATION, TUBAL, adverse effects/ *STERILIZATION, TUBAL, instrumentation/ STERILIZATION, TUBAL, methods

5444. **Lieberman GE, Lewis GP, Peters TJ:** A membrane-bound enzyme in rabbit aorta capable of inhibiting adenosine-diphosphate-induced platelet aggregation. Lancet 2(8033):330-2, 13 Aug 77
*ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, metabolism/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADENOSINE, metabolism/ ADENOSINE, pharmacodynamics/ ANIMAL/ *AORTA, enzymology/ APYRASE, pharmacodynamics/ *APYRASE, physiology/ CELL EXTRACTS, pharmacodynamics/ CELL MEMBRANE, enzymology/ *PHOSPHATASES, physiology/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ RABBITS/ THROMBOSIS, prevention & control

5445. **Liebert M, Aster RH:** Expression of HLA-B12 on platelets, on lymphocytes and in serum: a quantitative study. Tissue Antigens 9(4):199-208, Apr 77
ANTIGENIC DETERMINANTS/ *BLOOD PLATELETS, immunology/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY ANTIGENS, analysis/ *HL-A/ HL-A, analysis/ HUMAN/ *LYMPHOCYTES, immunology/ METHODS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5446. **Liebman WM:** Diagnosis and management of upper gastrointestinal hemorrhage in children. Pediatr Ann 5(11):690-9, Nov 76
ASPIRIN, adverse effects/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ ESOPHAGEAL VARICES, complications/ ESOPHAGITIS, PEPTIC, complications/ ESOPHAGOPLASTY/ GASTRITIS, complications/ *HEMORRHAGE, GASTROINTESTINAL, diagnosis/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ HEMORRHAGIC DISEASE OF NEWBORN, complications/ HUMAN/ INFANT/ INFANT, NEWBORN/ PARASYMPATHOLYTICS, therapeutic use/ PEPTIC ULCER, complications/ STRESS, PSYCHOLOGICAL/ VASOPRESSIN, administration & dosage

5447. **Liedholm P, Sjöberg NO:** Fibrinolytic activity in the rabbit uterus and its fluid with and without copper IUD. Contraception 15(2):215-24, Feb 77
ANIMAL/ *COPPER/ ENDOMETRIUM, enzymology/ *ENDOMETRIUM, physiology/ FEMALE/ *FIBRINOLYSIS/ *INTRAUTERINE DEVICES/ NIDATION/ PEPTIDE HYDROLASES, secretion

5448. **Liedloff H, Schuh W:** Thromboembolieprophylaxe mit Micristin bei der Alloarthroplastik des Hüftgelenkes Beitr Orthop Traumatol 23(8):447-51, Aug 76 **(Ger)**
ARTHROPLASTY/ *ASPIRIN, therapeutic use/ HIP JOINT, surgery/ HUMAN/ *THROMBOEMBOLISM, prevention & control

5449. **Liedloff H, Hindersin P, Schuh W, et al:** Die Aussagekraft von Fibrinspaltprodukten (FSP) als diagnostischer Thrombolyse-Parameter von thromboembolischen Reaktionen bei Alloarthroplastiken des Hüftgelenkes Beitr Orthop Traumatol 24(3):134-6, Mar 77 **(Ger)**
*ARTHROPLASTY, adverse effects/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, isolation & purification/ *HIP JOINT, surgery/ HUMAN/ JOINT PROSTHESIS, adverse effects/ *POSTOPERATIVE COMPLICATIONS, blood/ *THROMBOEMBOLISM, diagnosis/

THROMBOEMBOLISM, etiology

5450. **Liehr H, Grün M, Brunswig D:** Endotoxaemia in acute hepatic failure. Acta Hepatogastroenterol (Stuttg) 23(4):235–40, Jul–Aug 76
ANIMAL/ BABOONS/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DOGS/ GALACTOSAMINE, pharmacodynamics/ HEMORRHAGE, GASTROINTESTINAL, complications/ *HEPATIC COMA, etiology/ HUMAN/ HYPOGLYCEMIA, etiology/ LIVER, physiopathology/ MONKEYS/ NECROSIS/ PORTACAVAL ANASTOMOSIS, adverse effects/ RABBITS/ RATS/ RETICULOENDOTHELIAL SYSTEM, physiopathology/ SHOCK, SEPTIC, complications/ *TOXEMIA, complications/ TOXEMIA, physiopathology

5451. **Liem RK, Yen SH, Loria CJ, et al:** Immunological and biochemical comparison of tubulin and intermediate brain filament protein. Brain Res 132(1):167–71, 19 Aug 77
ANIMAL/ ANTIBODY SPECIFICITY/ *BRAIN CHEMISTRY/ CATTLE/ COMPARATIVE STUDY/ CROSS REACTIONS/ *GLYCOPROTEINS/ GLYCOPROTEINS, isolation & purification/ *NERVE TISSUE PROTEINS/ NERVE TISSUE PROTEINS, immunology/ NERVE TISSUE PROTEINS, isolation & purification/ PEPTIDE FRAGMENTS, isolation & purification/ TRYPSIN/ *TUBULIN/ TUBULIN, immunology/ TUBULIN, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5452. **Liener IE:** Protease inhibitors and hemagglutinins of legumes. pp. 284–303.
In: Bodwell CE, ed. Evaluation of proteins for humans. Westport, Conn., AVI, 1977. QU 55 I604e 1975. (62 ref.)
*AGGLUTININS, metabolism/ ANIMAL/ BODY WEIGHT/ CHICKENS/ DIGESTION/ *ENZYME INHIBITORS, metabolism/ HEAT/ HEMAGGLUTININS, analysis/ *HEMAGGLUTININS, metabolism/ MONOGRAPH/ PANCREAS, metabolism/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PLANT PROTEINS, metabolism/ *PLANTS, EDIBLE, metabolism/ RATS/ REVIEW/ SOY BEANS/ TRYPSIN INHIBITORS, analysis

5453. **Lifshits FI, Vasilenko FI:** Klinicheskie osobennosti mozgovogo insul'ta, oslozhennogo infarktom miokarda i tromboemboliei legochnoĭ arterii Klin Med (Mosk) 54(9):58–62, Sep 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ CASE REPORT/ CEREBROVASCULAR DISORDERS, complications/ *CEREBROVASCULAR DISORDERS, diagnosis/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ *PULMONARY EMBOLISM, complications/ THROMBOSIS, complications

5454. **Lijinsky W, Taylor HW, Keefer LK:** Reduction of rat liver carcinogenicity of 4–nitrosomorpholine by alpha–deuterium substitution. J Natl Cancer Inst 57(6):1311–3, Dec 76
ANIMAL/ CARCINOGENS/ CHEMISTRY/ *DEUTERIUM/ HEMANGIOENDOTHELIOMA, chemically induced/ *HEPATOMA, chemically induced/ *LIVER NEOPLASMS, chemically induced/ MALE/ *MORPHOLINES, toxicity/ NEOPLASMS, EXPERIMENTAL, chemically induced/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON–N.I.H.

5455. **Lijinsky W, Taylor HW:** Carcinogenicity test of two unstaurated derivatives of N–nitrosopiperdine in Sprague–Dawley rats. J Natl Cancer Inst 57(6):1315–7, Dec 76
ANIMAL/ ARECA/ CARCINOGENS/ ESOPHAGEAL NEOPLASMS, chemically induced/ FEMALE/ HEMANGIOENDOTHELIOMA, chemically induced/ *HEPATOMA, chemically induced/ *LIVER NEOPLASMS, chemically induced/ MALE/ NEOPLASMS, EXPERIMENTAL, chemically induced/ *NITROSAMINES, toxicity/ NOSE NEOPLASMS, chemically induced/ PIPERIDINES, toxicity/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON–N.I.H.

5456. **Lijnen PJ, Amery AK, Fagard RH:** Renin concentration after prolonged cold storage of human plasma. Clin Chim Acta 79(1):51–4, 15 Aug 77
BIOLOGICAL ASSAY/ BLOOD PRESERVATION/ COLD/ HUMAN/ RADIOIMMUNOASSAY/ *RENIN, blood/ TIME FACTORS

5457. **Liliequist B:** Spinal cord angiomas diagnosed by gas myelography. Neuroradiology 12(1):15–9, 27 Oct 76
AGED/ CASE REPORT/ FEMALE/ *HEMANGIOMA, radiography/ HUMAN/ MIDDLE AGE/ *MYELOGRAPHY/ *SPINAL CORD NEOPLASMS, radiography

5458. **Liliequist B, Lindqvist M, Valdimarsson E:** Computed tomography and subarachnoid hemorrhage. Neuroradiology 14(1):21–6, 25 Aug 77
ADULT/ AGED/ BERRY ANEURYSM, complications/ BERRY ANEURYSM, radiography/ FEMALE/ HEMATOMA, complications/ HEMATOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ SUBARACHNOID HEMORRHAGE, etiology/ *SUBARACHNOID HEMORRHAGE, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

5459. **Lilleaasen P:** Moderate and extreme haemodilution in open–heart surgery. Blood requirements, bleeding and platelet counts. Scand J Thorac Cardiovasc Surg 11(2):97–103, 1977
ADULT/ *AORTIC VALVE, surgery/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ BLOOD VOLUME/ EXTRACORPOREAL CIRCULATION/ FEMALE/ *HEART SURGERY/ HEMATOCRIT/ HEMOGLOBINS, analysis/ HEMORRHAGE/ HUMAN/ MALE/ MIDDLE AGE/ *PLASMA SUBSTITUTES

5460. **Lillehei CW:** Heart valve replacement with the pivoting disc prosthesis: appraisal of results and description of a new all–carbon model. Med Instrum 11(2):85–94, Mar–Apr 77
AORTIC VALVE/ BLOOD PLATELETS/ *CARBON/ EVALUATION STUDIES/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, history/ HEAT/ HEMODYNAMICS/ HEMOLYSIS/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ LEUKOCYTES/ MITRAL VALVE/ THROMBOEMBOLISM, etiology

5461. **Lilley DM, Tatchell K:** Chromatin core particle unfolding induced by tryptic cleavage of histones. Nucleic Acids Res 4(6):2039–55, Jun 77
ANIMAL/ CHICKENS/ CHROMATIN, analysis/ *CHROMATIN, drug effects/ CHROMATIN, metabolism/ CIRCULAR DICHROISM/ DEOXYRIBONUCLEASE, metabolism/ ERYTHROCYTES/ HEAT/ *HISTONES/ KINETICS/ *NUCLEIC ACID CONFORMATION, drug effects/ NUCLEIC ACID DENATURATION/ *TRYPSIN, pharmacodynamics

5462. **Lim RC Jr, Giuliano AE, Trunkey DD:** Postoperative treatment of patients after liver resection for trauma: a follow–up study. Arch Surg 112(4):429–35, Apr 77
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ BLOOD SUGAR, analysis/ CHILD/ FEMALE/ FOLLOW–UP STUDIES/ *HEPATECTOMY/ HUMAN/ LIVER CIRCULATION/ LIVER FUNCTION TESTS/ *LIVER, injuries/ MALE/ MIDDLE AGE/ *POSTOPERATIVE CARE, methods/ POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, mortality/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5463. **Limas C, Spector D, Wright JR:** Histologic changes in preserved cadaveric renal transplants. Am J Pathol 88(2):403–28, Aug 77

BIOPSY/ CADAVER/ COLD/ COMPARATIVE STUDY/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FOREIGN BODIES, pathology/ GRAFT REJECTION/ HUMAN/ *KIDNEY DISEASES, pathology/ KIDNEY, pathology/ *KIDNEY, transplantation/ *ORGAN PRESERVATION, methods/ PERFUSION/ *POSTOPERATIVE COMPLICATIONS, pathology/ *TISSUE PRESERVATION, methods/ TRANSPLANTATION, ISOGENEIC

5464. **Limbourg P, Just H, Lang KF, et al:** Ergebnisse der Embolektomie bei massiver Lungenembolie Dtsch Med Wochenschr 102(17):649–54, 29 Apr 77 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ADULT/ AGED/ ANGIOGRAPHY/ ENGLISH ABSTRACT/ EXTRACORPOREAL CIRCULATION/ FEMALE/ HEART CATHETERIZATION/ HUMAN/ HYPERTENSION, PULMONARY, complications/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, radiography/ *PULMONARY EMBOLISM, surgery

5465. **Limet R, Grondin CM:** Cardiac valve prostheses, anticoagulation, and pregnancy. Ann Thorac Surg 23(4):337–41, Apr 77
ADOLESCENCE/ ADULT/ *ANTICOAGULANTS, administration & dosage/ *AORTIC VALVE INSUFFICIENCY, surgery/ CASE REPORT/ EVALUATION STUDIES/ FEMALE/ *HEART VALVE PROSTHESIS/ HUMAN/ INFANT, NEWBORN/ *MITRAL VALVE STENOSIS, surgery/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY/ THROMBOEMBOLISM, prevention & control

5466. **Limet R, Lepage G, Grondin CM:** Thromboembolic complications with the cloth-covered Starr-Edwards aortic prosthesis in patients not receiving anticoagulants. Ann Thorac Surg 23(6):529–33, Jun 77
ACENOCOUMAROL, therapeutic use/ *AORTIC VALVE, surgery/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, prevention & control/ TIME FACTORS/ WARFARIN, therapeutic use

5467. **Lin KD, Kim YK, Chernoff AI:** Primary structure of the marmoset (Saguinus fusicollis) hemoglobin. I. Use of tryptic maleylated peptides in the solubilization and sequence elucidation of the alpha- and beta-chains. Biochem Genet 14(5–6):427–40, Jun 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ COMPARATIVE STUDY/ *HEMOGLOBINS/ HUMAN/ MACROMOLECULAR SYSTEMS/ MALEATES/ *MARMOSETS, blood/ MONKEYS/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5468. **Lin PF, Bardwell E, Howard-Flanders P:** Initiation of genetic exchanges in lambda phage--prophage crosses. Proc Natl Acad Sci USA 74(1):291–5, Jan 77
COLIPHAGES, drug effects/ COLIPHAGES, growth & development/ *COLIPHAGES, radiation effects/ *COUMARINS, pharmacodynamics/ DNA REPAIR/ DNA, VIRAL, metabolism/ *DNA, VIRAL, radiation effects/ FICUSIN, analogs & derivatives/ *FICUSIN, pharmacodynamics/ GENOTYPE/ *LYSOGENY/ RECOMBINATION, GENETIC, drug effects/ *RECOMBINATION, GENETIC, radiation effects/ ULTRAVIOLET RAYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRUS REPLICATION

5469. **Lin SY, Liao C, Lee CY:** Mechanism of anticholinesterase activities of cardiotoxin, protamine and polylysine. Biochem J 161(2):229–32, 1 Feb 77
ANIMAL/ CALCIUM, pharmacodynamics/ *CHOLINESTERASE INHIBITORS, metabolism/ *CHOLINESTERASE INHIBITORS, REVERSIBLE, metabolism/ CHOLINESTERASES, metabolism/ COMPARATIVE STUDY/ MAGNESIUM, pharmacodynamics/ *PEPTIDES, metabolism/ PHYSOSTIGMINE, metabolism/ *POLYLYSINE, metabolism/ *PROTAMINES, metabolism/ *SNAKE VENOMS, metabolism

5470. **Linard de Guertechin D, Vincent A:** Résultats à moyen terme de la chymonucléolyse Acta Orthop Belg 42(2):139–45, Mar-Apr 76 **(Fre)**
ADULT/ *CHYMOPAPAIN, therapeutic use/ DRUG EVALUATION/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ INTERVERTEBRAL DISK DISPLACEMENT, surgery/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use

5471. **Linari G, Linari MB:** Effect of bombesin on pancreatic secretion and gall bladder motility of the chicken. Eur J Pharmacol 34(2):305–10, Dec 75
AMYLASE, metabolism/ ANIMAL/ ATROPINE, pharmacodynamics/ BICARBONATES, metabolism/ BILE, metabolism/ *BOMBESIN, pharmacodynamics/ CAERULEIN, pharmacodynamics/ *CHICKENS, physiology/ *GALLBLADDER, drug effects/ INJECTIONS, INTRAVENOUS/ MALE/ PANCREAS, drug effects/ *PANCREAS, secretion/ PANCREATIC JUICE, secretion/ *PEPTIDES, pharmacodynamics/ PROVENTRICULUS, physiology/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRYPSIN, metabolism

5472. **Lindahl U, Höök M, Bäckström G, et al:** Structure and biosynthesis of heparin-like polysaccharides. Fed Proc 36(1):19–24, Jan 77
ANIMAL/ EPIMERASES, metabolism/ *HEPARIN/ HEPARIN, biosynthesis/ *HEPARITIN SULFATE, biosynthesis/ MICE/ MOLECULAR CONFORMATION/ *MUCOPOLYSACCHARIDES, biosynthesis/ *POLYSACCHARIDES/ POLYSACCHARIDES, biosynthesis/ SARCOMA, MAST CELL, metabolism/ SULFURTRANSFERASES, metabolism/ URONIC ACIDS

5473. **Lindemann H, Wittmann-Liebold B:** Primary structure of protein S13 from the small subunit of escherichia coli ribosomes. Hoppe Seylers Z Physiol Chem 358(7):843–63, Jul 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ *ESCHERICHIA COLI, analysis/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ *RIBOSOMAL PROTEINS/ RIBOSOMAL PROTEINS, isolation & purification/ THERMOLYSIN/ TRYPSIN

5474. **Lindenbaum BL, Hunt T:** An unusual presentation of pigmented villonodular synovitis. Clin Orthop (122):263–7, Jan-Feb 77
ADOLESCENCE/ ANKLE JOINT/ CASE REPORT/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ ELBOW JOINT/ FEMALE/ HEMANGIOMA, diagnosis/ HUMAN/ KNEE JOINT/ *SYNOVITIS, diagnosis/ SYNOVITIS, pathology/ SYNOVITIS, surgery

5475. **Linder C, Chernick SS, Fleck TR, et al:** Lipoprotein lipase and uptake of chylomicron triglyceride by skeletal muscle of rats. Am J Physiol 231(3):860–4, Sep 76
ANIMAL/ *CHYLOMICRONS, metabolism/ DIAPHRAGM, metabolism/ FASTING/ FEMALE/ *LIPOPROTEIN LIPASE, metabolism/ *MUSCLES, metabolism/ MYOCARDIUM, metabolism/ PANCREATECTOMY/ RATS

5476. **Linderkamp O, Höpner F, Klose H, et al:** Solitary hepatic hemangioma in a newborn infant complicated by cardiac failure, consumption coagulopathy, microangiopathic hemolytic anemia, and obstructive jaundice. Case report and review of the literature. Eur J Pediatr 124(1):23–9, 9 Dec 76
*ANEMIA, HEMOLYTIC, complications/ BLOOD VOLUME/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *HEART FAILURE, CONGESTIVE, complications/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, diagnosis/ *JAUNDICE,

OBSTRUCTIVE, complications/ *LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, surgery/ MALE

5477. **Lindgren JA, Claesson HE, Hammarström S:** Inhibition of prostaglandin synthesis in mouse 3T3 fibroblasts and human platelets by substituted phenols. Prostaglandins 13(6):1093–1102, Jun 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ CRESOLS, pharmacodynamics/ *FIBROBLASTS, metabolism/ HUMAN/ INDOMETHACIN, pharmacodynamics/ MICE/ *PHENOLS, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, metabolism/ SEROTONIN, metabolism

5478. **Lindner DP, Kogan EM:** Tuchnye kletki kak reguliatory tkanevogo gomeostaza i ikh mesto v riadu biologicheskikh reguliatorov Arkh Patol 38(8):3–14, 1976 (Eng. Abstr.) **(Rus)**
ANAPHYLAXIS/ ANIMAL/ ASCITIC FLUID, cytology/ CELL MEMBRANE, immunology/ CYTOPLASMIC GRANULES, metabolism/ ENGLISH ABSTRACT/ GUINEA PIGS/ HEPARIN, secretion/ HISTAMINE LIBERATION/ *HOMEOSTASIS/ IGE/ MAST CELLS, immunology/ *MAST CELLS, physiology/ MAST CELLS, ultrastructure/ RATS

5479. **Lindner E, Marcsek M, Dierichs R:** Das Verhalten von Leukozyten gegenüber Blutplätchen und bei der Retraktion Verh Anat Ges (70 Pt 2):945–53, 1976 (Eng. Abstr.) **(Ger)**
*BLOOD COAGULATION/ BLOOD PLATELETS, ultrastructure/ CALCIUM CHLORIDE, pharmacodynamics/ *CLOT RETRACTION/ ENGLISH ABSTRACT/ FIBRIN/ HUMAN/ INTERCELLULAR JUNCTIONS/ *LEUKOCYTES, physiology/ LEUKOCYTES, ultrastructure/ PHAGOCYTOSIS/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects

5480. **Lindon JN, Rodvien R, Waugh DF:** Effects of matrix contact during gel filtration of human platelets in plasma. Thromb Haemostas 36(2):311–8, 30 Nov 76
ADENOSINE, blood/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ CELL SEPARATION/ *CHROMATOGRAPHY, AGAROSE/ CHROMATOGRAPHY, AGAROSE, methods/ *CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, GEL, methods/ HUMAN/ IN VITRO/ MICROSCOPY, ELECTRON, SCANNING/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, biosynthesis/ SEPHAROSE/ SEROTONIN, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5481. **Lindqvist R:** Ultrasound as a complementary diagnostic method in deep vein thrombosis of the leg. Acta Med Scand 201(5):435–8, 1977
COMPARATIVE STUDY/ EVALUATION STUDIES/ HUMAN/ LEG, blood supply/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ *ULTRASONICS, diagnostic use/ ULTRASONICS, instrumentation

5482. **Lindsay RM:** Platelets, foreign surfaces, and heparin. pp. 183–95.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.
ACRYLONITRILE/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ COMPARATIVE STUDY/ DMAE/ ETHYLENE OXIDE, pharmacodynamics/ EXTRACORPOREAL CIRCULATION/ HEPARIN, metabolism/ *HEPARIN, therapeutic use/ HUMAN/ *MEMBRANES, ARTIFICIAL/ METHACRYLATES/ MONOGRAPH/ *THROMBOSIS, prevention & control

5483. **Lindsay RM, Rourke JT, Reid BD, et al:** The role of heparin on platelet retention by acrylonitrile co-polymer dialysis membranes. J Lab Clin Med 89(4):724–34, Apr 77
*ACRYLATES/ *ACRYLONITRILE/ *BLOOD PLATELETS, metabolism/ ETHYLENE OXIDE/ *HEPARIN, pharmacodynamics/ *MEMBRANES, ARTIFICIAL/ *METHACRYLATES/ *NITRILES/ PLATELET ADHESIVENESS, drug effects

5484. **Lingard W, Morawetz F:** Pulmonale Nebenerscheinungen kontrazeptiver Steroide Wien Med Wochenschr 126(45):631–3, 5 Nov 76 **(Ger)**
*CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ FEMALE/ HUMAN/ OBESITY, chemically induced/ PLEURAL EFFUSION, etiology/ PULMONARY EMBOLISM, chemically induced

5485. **Linial M:** Infection of resistant avian cells by subgroup B Rous sarcoma virus. J Virol 20(2):384–90, Nov 76
AVIAN LEUKOSIS VIRUSES, growth & development/ CELL LINE/ CHICK EMBRYO/ COMPARATIVE STUDY/ EDTA, pharmacodynamics/ LEUKEMIA VIRUS, AVIAN, growth & development/ QUAIL/ ROUS SARCOMA VIRUS, classification/ *ROUS SARCOMA VIRUS, growth & development/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRAL INTERFERENCE/ VIRUS REPLICATION

5486. **Linker A, Hovingh P:** The uses of degradative enzymes as tools for identification and structural analysis of glycosaminoglycans. Fed Proc 36(1):43–6, Jan 77
ANIMAL/ CATTLE/ DISACCHARIDES, analysis/ *FLAVOBACTERIUM, enzymology/ *HEPARIN, analysis/ HEPARIN, metabolism/ *HEPARITIN SULFATE, analysis/ HEPARITIN SULFATE, metabolism/ INTESTINAL MUCOSA, analysis/ LUNG, analysis/ *MUCOPOLYSACCHARIDES, analysis/ OLIGOSACCHARIDES, analysis/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ URONIC ACIDS, analysis

5487. **Linker H:** Klinisches Erscheinungsbild und Therapie venöser und arterieller Gefässverschlüsse. ZFA (Stuttgart) 53(15):842–5, 31 May 77 **(Ger)**
ARM, blood supply/ *ARTERIAL OCCLUSIVE DISEASES, diagnosis/ HUMAN/ LEG, blood supply/ THROMBOPHLEBITIS, diagnosis/ THROMBOSIS, diagnosis

5488. **Linklater KA:** Post-transfusion purpura in a pig. Res Vet Sci 22(2):257–8, Mar 77
ANIMAL/ BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION, veterinary/ ISOANTIBODIES, analysis/ PURPURA, immunology/ *PURPURA, veterinary/ *SWINE DISEASES, immunology/ SWINE/ THROMBOPENIA, immunology/ THROMBOPENIA, veterinary

5489. **Linnoila M, Viukari M, Kietala O:** Effect of sodium valproate on tardive dyskinesia. Br J Psychiatry 129:114–9, Aug 76
AGE FACTORS/ AGED/ BLOOD COAGULATION, drug effects/ CENTRAL NERVOUS SYSTEM, metabolism/ CLINICAL RESEARCH/ DRUG EVALUATION/ EXTRAPYRAMIDAL DISORDERS, drug therapy/ FACIAL MUSCLES, drug effects/ FEMALE/ GABA, biosynthesis/ HUMAN/ MALE/ MENTAL DISORDERS, drug therapy

5490. **Lionetti FJ, Hunt SM, Lin PS:** Improved method for the cryopreservation of human red cells in liquid nitrogen with hydroxyethyl starch. Cryobiology 13(5):489–99, Oct 76
*BLOOD PRESERVATION, methods/ *ERYTHROCYTES/ ERYTHROCYTES, cytology/ FREEZING/ HUMAN/ *HYDROXYETHYL STARCH/ *NITROGEN/ PLASMA SUBSTITUTES/ *STARCH/ STARCH, analogs & derivatives/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5491. **Liot F, Morin Y, Lemaigre D, et al:** Contribution de l'exploration fonctionnelle respiratoire au diagnostic d'obstruction artérielle pulmonaire chronique Ann Med Interne (Paris) 127(10):771–4, Oct 76 **(Fre)**

ACID-BASE EQUILIBRIUM/ ADULT/ AGED/ BLOOD GAS ANALYSIS/ CARBON DIOXIDE, analysis/ CHRONIC DISEASE/ EXERTION/ FEMALE/ FORCED EXPIRATORY VOLUME/ HUMAN/ MALE/ MAXIMAL EXPIRATORY FLOW RATE/ MIDDLE AGE/ PULMONARY DIFFUSING CAPACITY/ *PULMONARY EMBOLISM, diagnosis/ RESIDUAL VOLUME/ *RESPIRATORY FUNCTION TESTS/ VENTILATION-PERFUSION RATIO/ VITAL CAPACITY

5492. **Lipińska A, Wierzbicki R, Mala A, et al:** Proteolytic degradation of histones of ox pancreas. Bull Acad Pol Sci [Biol] 25(3):147-50, May 77
ANIMAL/ CATTLE/ *CHROMATIN, metabolism/ *HISTONES, metabolism/ *PANCREAS, metabolism/ PEPTIDE HYDROLASES, metabolism

5493. **Lipinska I, Lipinski B, Gurewich V, et al:** Fibrinogen heterogeneity in cancer, in occlusive vascular disease, and after surgical procedures. Am J Clin Pathol 66(6):958-66, Dec 76
ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, blood/ BLOOD PROTEIN ELECTROPHORESIS/ COMPARATIVE STUDY/ DENSITOMETRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ *FIBRINOGEN, analysis/ FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ MOLECULAR WEIGHT/ *NEOPLASMS, blood/ *SURGERY, OPERATIVE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5494. **Lipińska-Piotrowska I:** Zastosowanie testu limulusa w wykrywaniu endotoksemii Wiad Lek 29(21):1905-8, 1 Nov 76 **(Pol)**
AMEBICIDES/ *ARTHROPODS/ *BIOLOGICAL ASSAY/ BLOOD COAGULATION TESTS, methods/ *ENDOTOXINS, blood/ HUMAN/ *LIMULUS/ *SEPTICEMIA, diagnosis

5495. **Lipinski B, Gurewich V, Hyde E:** Thrombin elaboration in endotoxin-induced intravascular fibrin deposition. A leukocyte dependent process distinct from systemic hypercoagulability. Thromb Haemostas 36(3):615-22, 31 Dec 76
ANIMAL/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD VESSELS, metabolism/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *ENDOTOXINS/ *FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *LEUKOCYTES, physiology/ LEUKOPENIA, blood/ MECHLORETHAMINE/ RABBITS/ *THROMBIN, metabolism/ THROMBOPLASTIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5496. **Lipinski B, Gurewich V, Lipinska I:** Thrombin time prolongation in cirrhosis in relation to enhanced fibrinogen degradation [letter]. Thromb Res 10(1):185-7, Jan 77
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, metabolism/ HUMAN/ *LIVER CIRRHOSIS, metabolism/ MOLECULAR WEIGHT/ PROTHROMBIN TIME

5497. **Lipinski B, Lipinska I, Nowak A, et al:** Abnormal fibrinogen heterogeneity and fibrinolytic activity in advanced liver disease. J Lab Clin Med 90(1):187-94, Jul 77
ADULT/ AGED/ BLOOD PROTEIN ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HUMAN/ *LIVER DISEASES, blood/ MALE/ MIDDLE AGE/ MOLECULAR WEIGHT/ PLASMINOGEN ACTIVATORS, antagonists & inhibitors/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5498. **Lipovetskiĭ BM, Ryzhov VM:** Vliianie geparina na lipidy krovi v usloviiakh endo- i ekzegennoĭ giperlipemia Kardiologiia 16(3):123-7, Mar 76 (Eng. Abstr.) **(Rus)**
ADULT/ CORONARY DISEASE, blood/ DIETARY FATS, administration & dosage/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ GLUCOSE, administration & dosage/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ HUMAN/ *HYPERLIPEMIA, blood/ INJECTIONS, INTRAVENOUS/ *LIPIDS, blood/ LIPOPROTEINS, VLDL, blood/ MIDDLE AGE/ TRIGLYCERIDES, blood

5499. **Lippert B, Metcalf BW, Jung MJ, et al:** 4-amino-hex-5-enoic acid, a selective catalytic inhibitor of 4-aminobutyric-acid aminotransferase in mammalian brain. Eur J Biochem 74(3):441-5, 15 Apr 77
*AMINOBUTYRATE AMINOTRANSFERASE, antagonists & inhibitors/ *AMINOCAPROIC ACIDS, pharmacodynamics/ *AMINOTRANSFERASES, antagonists & inhibitors/ ANIMAL/ *BRAIN, enzymology/ KINETICS/ PROTEIN BINDING/ RATS

5500. **Lippman M, Huff K:** A demonstration of androgen and estrogen receptors in a human breast cancer using a new protamine sulfate assay. Cancer 38(2):868-74, Aug 76
BINDING SITES/ BINDING, COMPETITIVE/ *BREAST NEOPLASMS, analysis/ CYTOSOL, metabolism/ ESTRADIOL, metabolism/ FEMALE/ HUMAN/ METHODS/ MIDDLE AGE/ PROGESTERONE, metabolism/ *PROTAMINES/ *RECEPTORS, ANDROGEN, analysis/ *RECEPTORS, ESTROGEN, analysis/ *RECEPTORS, STEROID, analysis/ STANOLONE, metabolism

5501. **Lippman MM, Mathews MB:** Heparins: varying effects on cell proliferation in vitro and lack of correlation with anticoagulant activity. Fed Proc 36(1):55-9, Jan 77
ANIMAL/ *BLOOD COAGULATION, drug effects/ CATTLE/ *CELL DIVISION, drug effects/ CELLS, CULTURED/ CLAMS/ *HEPARIN, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5502. **Lisch HJ, Sailer S, Riedler L, et al:** Assay and characterization of serum-stimulated lipolytic activity in homogenates of human adipose tissue. Res Exp Med (Berl) 170(2):109-14, 29 Jun 77
*ADIPOSE TISSUE, enzymology/ ADULT/ AGED/ BLOOD/ CULTURE MEDIA/ FEMALE/ GLYCERIN, blood/ HEPARIN, administration & dosage/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INSULIN, administration & dosage/ *LIPID MOBILIZATION, drug effects/ *LIPIDS, blood/ MALE/ MIDDLE AGE/ NOREPINEPHRINE, administration & dosage/ PROTAMINES, administration & dosage/ TRIGLYCERIDES, blood

5503. **Lisetskiĭ VA, Golovinskiĭ BG, Nizhniĭ LV, et al:** Astmaticheskie sostoianiia v rannem posleoperatsionnom periode u bol'nykh, ne stradaiushchikh bronkhial'noĭ astmoĭ Klin Khir (2):61-3, Feb 77 **(Rus)**
ADULT/ *ASTHMA, etiology/ BRONCHIAL SPASM, etiology/ CASE REPORT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, etiology/ PULMONARY ARTERY/ THROMBOEMBOLISM, complications/ TIME FACTORS

5504. **Lisiewicz J:** Funkcje śledziony w krzepnięciu krwi Wiad Lek 29(19):1721-4, 10 Oct 76 (Eng. Abstr.) **(Pol)**
ANIMAL/ *BLOOD COAGULATION/ BLOOD PLATELETS, metabolism/ DOGS/ ENGLISH ABSTRACT/ FACTOR VIII, biosynthesis/ HEMOSTASIS/ HUMAN/ SPLEEN, metabolism/ *SPLEEN, physiology

5505. **Lisiewicz J:** Mechanizmy i częstość powikłań krwotocznych u chorych z siatkowiakiem plazmocytowym. Przegl Lek 34(5):495-8, 1977 (24 ref.) **(Pol)**
BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION FACTORS/ *BLOOD COAGULATION/ FIBRINOLYSIS, drug effects/ HUMAN/ LEUKEMIA, PLASMACYTIC, blood/ MELPHALAN, pharmacodynamics/ MELPHALAN, therapeutic use/ *MULTIPLE MYELOMA, blood/ MULTIPLE MYELOMA, drug therapy/ PARAPROTEINEMIAS, blood/ PLASMINOGEN ACTIVATORS/ PLASMINOGEN/ REVIEW

5506. **Lisovskaia IL, Volkova RI, Pozin EIa, et al:** Deĭstvie KCN na intaktnye i refrakternye trombotsity
Biull Eksp Biol Med 82(8):940–3, Aug 76 (Eng. Abstr.) **(Rus)**
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *CYANIDES, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ IN VITRO/ PLATELET AGGREGATION, drug effects/ STIMULATION, CHEMICAL

5507. **Little HL, Sacks AH:** Role of abnormal blood rheology in the pathogenesis of diabetic retinopathy.
Trans Am Acad Ophthalmol Otolaryngol 83(3 Pt 1):OP522–34, May–Jun 77
BLOOD SUGAR, metabolism/ BLOOD UREA NITROGEN/ COMPARATIVE STUDY/ DIABETIC RETINOPATHY, blood/ *DIABETIC RETINOPATHY, etiology/ DIABETIC RETINOPATHY, pathology/ *ERYTHROCYTE AGGREGATION/ FEMALE/ FIBRINOGEN, metabolism/ HUMAN/ MALE/ RHEOLOGY/ SERUM ALBUMIN, metabolism/ SERUM GLOBULINS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5508. **Little KE, Cywes S, Davies MR, et al:** Complicated giant hemangioma: excision using cardiopulmonary bypass and deep hypothermia. J Pediatr Surg 11(4):533–6, Aug 76
*CARDIOPULMONARY BYPASS/ CASE REPORT/ DISEASES IN TWINS/ ESOPHAGEAL DISEASES, complications/ *EXTRACORPOREAL CIRCULATION/ FEMALE/ GASTROSTOMY/ HEAD AND NECK NEOPLASMS, complications/ *HEAD AND NECK NEOPLASMS, surgery/ *HEART FAILURE, CONGESTIVE, complications/ HEMANGIOMA, complications/ HEMANGIOMA, drug therapy/ *HEMANGIOMA, surgery/ HUMAN/ *HYPOTHERMIA, INDUCED/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, complications/ *INFANT, NEWBORN, DISEASES, surgery/ PREDNISONE, therapeutic use/ TRACHEAL DISEASES, complications

5509. **Litwak RS, Hancock WD, Lukban SB, et al:** Role of the Hancock 'stabilized glutaraldehyde process' bioprosthesis in the management of mitral valve disease.
Adv Cardiol 20:90–101, 1977
*ALDEHYDES/ BLOOD COAGULATION/ BLOOD PRESSURE/ EVALUATION STUDIES/ *GLUTARALDEHYDE/ HEART RATE/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ *MITRAL VALVE INSUFFICIENCY, surgery/ *MITRAL VALVE STENOSIS, surgery/ *MITRAL VALVE, surgery/ MITRAL VALVE, cytology/ THROMBOEMBOLISM, etiology/ TIME FACTORS

5510. **Liu CY, Scott CF, Bagdasarian A, et al:** Potentiation of the function of Hageman factor fragments by high molecular weight kininogen. J Clin Invest 60(1):7–17, Jul 77
BLOOD COAGULATION DISORDERS, blood/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ ENZYME ACTIVATION/ FACTOR XI DEFICIENCY, blood/ *FACTOR XII, physiology/ HUMAN/ *KININOGENS, pharmacodynamics/ KININOGENS, physiology/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, physiology/ PREKALLIKREIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5511. **Liul'ko AV, Kropinov PI, Slesarenko EG:** Sostoianie svertyvaemosti krovi u bol'nykh khronicheskim pielonefritom edinstvennoĭ pochki Vrach Delo (1):73–6, Jan 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *BLOOD COAGULATION/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *NEPHRECTOMY/ *PYELONEPHRITIS, blood

5512. **Liul'ko AV, Kropinov PI, Slesarenko EG:** Sostoianie svertyvaemosti krovi u bol'nykh khronicheskim pielonefritom edinstvennoĭ pochki Vrach Delo (1):73–6, Jan 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *BLOOD COAGULATION/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *NEPHRECTOMY/ *PYELONEPHRITIS, blood

5513. **Liusov VA, Belousov IuB, Savenkov MP:** K metodu opredeleniia agregatsii trombotsitov i eritrotsitov
Lab Delo (8):463–8, 1976 **(Rus)**
BLOOD COAGULATION TESTS, methods/ *ERYTHROCYTE AGGREGATION/ HUMAN/ *PLATELET AGGREGATION

5514. **Liusov VA, Belousov IuB, Dudaev VA, et al:** Vremia tsirkuliatdii fibrinogena, mechennogo 125I u bol'nykh ishemicheskoĭ bolizn'iu serdtsa s razlichnymi tipami giperlipoproteidemiĭ Kardiologiia 16(4):49–53, Apr 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ BLOOD COAGULATION/ *CORONARY DISEASE, blood/ CORONARY DISEASE, complications/ CORONARY DISEASE, etiology/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, metabolism/ HALF-LIFE/ HUMAN/ *HYPERLIPEMIA, blood/ HYPERLIPEMIA, complications/ IODINE RADIOISOTOPES/ ISOTOPE LABELING/ MALE/ MIDDLE AGE/ TIME FACTORS

5515. **Liusov VA, Belousov IuB:** Rol' gemostaza i reologii krovi v patogeneze ishemicheskoĭ bolezni serdtsa.
Kardiologiia 17(5):8–13, May 77 **(Rus)**
*BLOOD VISCOSITY/ CAPILLARIES/ CORONARY DISEASE, blood/ *CORONARY DISEASE, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ERYTHROCYTE AGGREGATION, INTRAVASCULAR, complications/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, etiology/ HUMAN/ HYPERLIPEMIA, blood/ HYPERLIPEMIA, complications/ HYPERTENSION, blood/ MICROCIRCULATION/ *PLATELET AGGREGATION

5516. **Livakovic V, Relja P, Dujella J, et al:** Multipli hemangiomi mekih tkiva šake s posebnim osvrtom na rendgenološku dijagnostiku. Lijec Vjesn 99(7):455–8, Jul 77 (Eng. Abstr.) **(Scr)**
CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *HAND/ *HEMANGIOMA, radiography/ HUMAN/ PHLEBOGRAPHY, methods/ *SOFT TISSUE NEOPLASMS, radiography

5517. **Livnat EJ, Scommegna A:** Bilateral ureteral obstruction in ruptured chronic ectopic pregnancy.
Am J Obstet Gynecol 127(3):330–2, 1 Feb 77
ADOLESCENCE/ CASE REPORT/ FEMALE/ HEMATOMA, complications/ HUMAN/ PERITONEAL DISEASES, complications/ PREGNANCY/ *PREGNANCY, ECTOPIC/ RUPTURE, SPONTANEOUS/ *URETERAL OBSTRUCTION, etiology

5518. **Livnat S, Cohen IR:** Recruitment of effector lymphocytes by initiator lymphocytes: role of a trypsin-sensitive membrane component. Eur J Immunol 5(5):357–60, May 75
ANIMAL/ ANTIGENS/ CELL MEMBRANE, immunology/ *IMMUNITY, CELLULAR/ *MEMBRANE PROTEINS, immunology/ MICE/ MICE, INBRED STRAINS/ *T-LYMPHOCYTES, immunology/ TIME FACTORS/ TRYPSIN

5519. **Ljunggren B:** Psoralen photoallergy caused by plant contact.
Contact Dermatitis 3(2):85–90, Apr 77
CASE REPORT/ *COUMARINS, adverse effects/ *DERMATITIS, CONTACT, etiology/ DERMATITIS, CONTACT, pathology/ *FICUSIN, adverse effects/ HUMAN/ MALE/ METHOXSALEN, adverse effects/ MIDDLE AGE/ *PHOTOSENSITIZATION, etiology/ PHOTOSENSITIZATION, pathology/ *PLANTS/ TRIOXSALEN, adverse effects

5520. **Llach F, Koffler A, Finck E, et al:** On the incidence of renal vein thrombosis in the nephrotic syndrome.
Arch Intern Med 137(3):333–6, Mar 77
ADULT/ AGED/ CALIFORNIA/ FEMALE/ GLOMERULONEPHRITIS, complications/

HUMAN/ MALE/ MIDDLE AGE/ *NEPHROTIC SYNDROME, complications/ NEPHROTIC SYNDROME, diagnosis/ PROSPECTIVE STUDIES/ *RENAL VEINS/ THROMBOSIS, etiology/ *THROMBOSIS, occurrence/ THROMBOSIS, pathology/ THROMBOSIS, radiography

5521. **Llach F, Koffler A, Massry SG:** Renal vein thrombosis and the nephrotic syndrome [editorial] Nephron 19(2):65–8, 1977
HUMAN/ *NEPHROTIC SYNDROME, complications/ PROTEINURIA, etiology/ *RENAL VEINS/ *THROMBOSIS, complications

5522. **Lloyd JB:** Substrate specificity in pinocytosis and intralysosomal protein digestion. pp. 371–89. In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (23 ref.)
ANIMAL/ BIOLOGICAL TRANSPORT/ FEMALE/ IODOPROTEINS/ KINETICS/ *LYSOSOMES, enzymology/ MACROPHAGES, enzymology/ MONOGRAPH/ ORGAN CULTURE/ *PEPTIDE HYDROLASES, metabolism/ *PINOCYTOSIS/ PREGNANCY/ RATS/ REVIEW/ SERUM ALBUMIN, BOVINE/ VITELLINE MEMBRANE, enzymology

5523. **Lloyd JR:** Thermal trauma: therapeutic achievements and investigative horizons. Surg Clin North Am 57(1):121–38, Feb 77 (57 ref.)
ANIMAL/ ANTI-INFECTIVE AGENTS, LOCAL/ BURNS, complications/ BURNS, metabolism/ BURNS, surgery/ *BURNS, therapy/ CLOSTRIDIOPEPTIDASE A, therapeutic use/ DEBRIDEMENT, methods/ GASTROINTESTINAL DISEASES, etiology/ HEPARIN, therapeutic use/ HUMAN/ HYPERBARIC OXYGENATION/ NICOTINIC ACIDS, therapeutic use/ RESPIRATORY INSUFFICIENCY, diagnosis/ RESPIRATORY SYSTEM, injuries/ RESUSCITATION, adverse effects/ REVIEW/ SUBTILISINS, therapeutic use/ SULFONAMIDES, administration & dosage/ SULFONAMIDES, therapeutic use/ TISSUE CULTURE/ TRANSPLANTATION, ALLOGENEIC/ WATER-ELECTROLYTE BALANCE/ WOUND INFECTION, drug therapy

5524. **Löber G, Kittler L:** Selected topics in photochemistry of nucleic acids. Recent results and perspectives. Photochem Photobiol 25(2):215–33, Feb 77 (308 ref.)
AZA COMPOUNDS, pharmacodynamics/ BACTERIA, metabolism/ BACTERIA, radiation effects/ CHROMOSOMES/ COUMARINS, radiation effects/ DYES/ *DNA/ DNA, radiation effects/ ENERGY TRANSFER/ FLUORESCENCE/ NUCLEIC ACIDS, metabolism/ *NUCLEOTIDES, radiation effects/ PHOTOCHEMISTRY/ PYRIMIDINE DIMERS/ REVIEW/ *RNA/ RNA, radiation effects/ *ULTRAVIOLET RAYS

5525. **Lober M, Krantz S:** Untersuchungen über einige chemische Eigenschaften von Plasma-fibrinogenen und -fibrinen normaler und kobaltbehandelter Kaninchen Acta Biol Med Ger 34?710:1573–88, 1975 (Eng. Abstr.) **(Ger)**
AMINO ACID SEQUENCE/ ANIMAL/ BROMINE, metabolism/ CARBOHYDRATES, blood/ CHROMATOGRAPHY, ION EXCHANGE/ *COBALT, blood/ CYANIDES, metabolism/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ FIBRINOGEN, analysis/ PEPTIDE CHAIN TERMINATION/ RABBITS/ SULFONIC ACIDS, analysis

5526. **Lobo AP, Wos JD, Yu SM, et al:** Active site studies of human thrombin and bovine trypsin: peptide substrates. Arch Biochem Biophys 177(1):235–44, Nov 76
AMINO ACID SEQUENCE/ BINDING SITES/ CATTLE/ FIBRINOGEN/ HUMAN/ KINETICS/ OLIGOPEPTIDES/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ *THROMBIN/ THROMBIN, metabolism/ *TRYPSIN/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5527. **Lobo PI, Winfield JB, Craig A, et al:** Utility of protease-digested human peripheral blood lymphocytes for the detection of lymphocyte-reactive alloantibodies by indirect immunofluorescence. Transplantation 23(1):16–21, Jan 77
CYTOTOXICITY TESTS, IMMUNOLOGIC/ *FLUORESCENT ANTIBODY TECHNIC/ HEMODIALYSIS/ HL-A, analysis/ HUMAN/ IGG, analysis/ IGM, analysis/ IMMUNOGLOBULINS, FC/ IMMUNOGLOBULINS, SURFACE, metabolism/ *ISOANTIBODIES, analysis/ KIDNEY FAILURE, CHRONIC, immunology/ *LYMPHOCYTES, immunology/ PEPTIDE HYDROLASES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5528. **Lockwood TD, Shier WT:** Regulation of acid proteases during growth, quiescence and starvation in normal and transformed cells. Nature 267(5608):252–4, 19 May 77
CATHEPSIN, metabolism/ *CELL DIVISION/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED, enzymology/ *CELLS, CULTURED, metabolism/ HYDROGEN-ION CONCENTRATION/ LYSOSOMES, enzymology/ *PEPTIDE HYDROLASES, metabolism/ *PROTEINS, metabolism/ STARVATION, metabolism/ SV40 VIRUS/ THYMIDINE, metabolism

5529. **Lockwood TE, Schorn L, Coln D:** Nonoperative management of hemobilia. Ann Surg 185(3):335–40, Mar 77
ADULT/ BILIARY FISTULA, radiography/ BLOOD TRANSFUSION/ CASE REPORT/ CELIAC ARTERY, radiography/ HEMATOMA, radiography/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ HEPATIC ARTERY, radiography/ HUMAN/ *LIVER, injuries/ LIVER, surgery/ MALE/ POSTOPERATIVE COMPLICATIONS, radiography/ POSTOPERATIVE COMPLICATIONS, therapy/ WOUND HEALING/ WOUNDS, GUNSHOT, complications/ WOUNDS, GUNSHOT, surgery

5530. **Loeb WF, Cicmanec JL, Wickum M:** A coagulopathy of the owl monkey (Aotus trivirgatus) associated with high antithrombin III activity. Lab Anim Sci 26(6 Pt 2):1084–7, Dec 76
ANIMAL/ *ANTITHROMBINS, blood/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, veterinary/ BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ *MONKEY DISEASES, blood/ *MONKEYS, blood/ *NIGHT MONKEYS, blood/ PROTHROMBIN TIME/ RHESUS MONKEYS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5531. **Loeliger EA, Dijk-Wierda CA, Roos J:** Qualitätskontrolle und Standardisierung der Prothrombinzeltbestimmung zur Kontrolle oraler Antikoagulation Blut 34(2):147–57, Feb 77 **(Ger)**
ANTICOAGULANTS/ HUMAN/ NORMAL VALUES/ *PROTHROMBIN TIME/ QUALITY CONTROL

5532. **Loeliger EA, van Veen AT, Souverijn JH, et al:** De meting en de klinische betekenis van de bezinkingssnelheid der erytrocyten (BSE) Ned Tijdschr Geneeskd 121(17):715–8, 23 Apr 77 **(Dut)**
AFIBRINOGENEMIA, blood/ AGING/ ATHEROSCLEROSIS, blood/ BLOOD PROTEINS, metabolism/ *BLOOD SEDIMENTATION/ FEMALE/ HODGKIN'S DISEASE, blood/ HUMAN/ JAUNDICE, diagnosis/ MENSTRUATION/ METHODS/ PHENOLPHTHALEINS, blood/ PREGNANCY/ RETICULOCYTES/ THROMBOPENIA, blood

5533. **Loeliger EA, van Dijk-Wierda CA:** Therapeutisch optimale waarden bij orale anticoagulatie. Ned Tijdschr Geneeskd 121(31):1242–3, 30 Jul 77 **(Dut)**
*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ HUMAN/ NORMAL VALUES/ THROMBOPLASTIN, analysis

5534. **Loeprecht H, Vollmar J, Heyes H, et al:** Beeinflussung des Spontanverlaufs der Phlebothrombose und ihrer operativen Behandlungsergebnisse durch Anderung der

Hämodynamik Vasa 5(2):135–41, 1976 (Eng. Abstr.) **(Ger)**
ANIMAL/ ARTERIOVENOUS SHUNT, SURGICAL/ DOGS/ ENGLISH ABSTRACT/ *HEMODYNAMICS/ *THROMBOPHLEBITIS, physiopathology/ THROMBOPHLEBITIS, surgery

5535. **Loew D, Vinazzer H:** Dose-dependent influence of acetylsalicyclic acid on platelet functions and plasmatic coagulation factors. Haemostasis 5(4):239–49, 1976
ADULT/ *ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FACTOR IX, antagonists & inhibitors/ FACTOR VII, antagonists & inhibitors/ FACTOR X, antagonists & inhibitors/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3, antagonists & inhibitors/ PLATELET FACTOR 4, antagonists & inhibitors/ PROTHROMBIN, antagonists & inhibitors

5536. **Loew D, Brücke P, Simma W, et al:** Acetylsalicylic acid, low dose heparin, and a combination of both substances in the prevention of postoperative thromboembolism. A double blind study. Thromb Res 11(1):81–6, Jul 77
*ASPIRIN, therapeutic use/ CLINICAL RESEARCH/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DOUBLE-BLIND METHOD/ DRUG THERAPY, COMBINATION/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

5537. **Loew F:** Verbrauchskoagulopathie bei Subarachnoidalblutung Dtsch Med Wochenschr 101(40):1472, 1 Oct 76 **(Ger)**
*DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HUMAN/ SUBARACHNOID HEMORRHAGE, complications/ *SUBARACHNOID HEMORRHAGE, etiology

5538. **Loewinger RJ, Lichtenstein JR, Dodson WE, et al:** Maffucci's syndrome: amesenchymal dysplasia and multiple tumour syndrome. Br J Dermatol 96(3):317–22, Mar 77
ADOLESCENCE/ *ANGIOMATOSIS, complications/ *CHONDROMA, complications/ CHONDROMA, diagnosis/ *DYSCHONDROPLASIA, complications/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, diagnosis/ HUMAN/ NEUROLOGIC MANIFESTATIONS/ SKIN MANIFESTATIONS/ *SKULL NEOPLASMS, complications/ SKULL NEOPLASMS, diagnosis/ SYNDROME/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5539. **Lofferer O, Mostbeck A, Partsch H:** Die Kompressionsbehandlung bei venösen und lymphatischen Abflussstörungen der Beine Acta Med Austriaca 3(4):138–42, 1976 (Eng. Abstr.) **(Ger)**
*BANDAGES/ ELASTICITY/ ENGLISH ABSTRACT/ HUMAN/ *LEG/ LEG, blood supply/ *LYMPHEDEMA, therapy/ PRESSURE/ *THROMBOPHLEBITIS, therapy/ *VENOUS INSUFFICIENCY, therapy

5540. **Loginova LG, Tsaplina IA:** Poluchenie proteazy pri nepreryvnom kul'tivirobanii termofil'noĭ bakterii Bacillus brevis Mikrobiologiia 45:460–5, May–June 76 (Eng. Abstr.) **(Rus)**
*BACILLUS, enzymology/ BACILLUS, growth & development/ BACILLUS, metabolism/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES, biosynthesis/ RNA, BACTERIAL, biosynthesis/ RNA, MESSENGER, biosynthesis

5541. **Loginova LG, Khraptsova GI, Golovina IG, et al:** Termofil'nye bakterii goriachikh istochnikov Kamchatki Mikrobiologiia 45(6):1087–91, Nov–Dec 76 (Eng. Abstr.) **(Rus)**
AMYLASE, metabolism/ BACILLUS, enzymology/ BACILLUS, growth & development/ BACILLUS, isolation & purification/ *BACTERIA, isolation & purification/ ENGLISH ABSTRACT/ FRESH WATER/ GRAM-NEGATIVE AEROBIC BACTERIA, enzymology/ GRAM-NEGATIVE AEROBIC BACTERIA, growth & development/ GRAM-NEGATIVE AEROBIC BACTERIA, isolation & purification/ *HEAT/ PEPTIDE HYDROLASES, metabolism/ RUSSIAN FEDERATION (ASIA)/ SPECIES SPECIFICITY/ SPORES, BACTERIAL, growth & development/ *WATER MICROBIOLOGY

5542. **Logothetou H, Thompson JE:** Contact-mediated changes in cycloheximide-induced agglutinability of BHK cells. Exp Cell Res 104(2):434–9, Feb 77
*AGGLUTINATION, drug effects/ BLOOD/ CELL DIVISION/ CELL LINE/ CONCANAVALIN A, pharmacodynamics/ *CONTACT INHIBITION/ *CYCLOHEXIMIDE, pharmacodynamics/ TRYPSIN, pharmacodynamics

5543. **Logue GL:** Effect of heparin on complement activation and lysis of paroxysmal nocturnal hemoglobinuria (PNH) red cells. Blood 50(2):239–47, Aug 77
BINDING SITES, ANTIBODY/ COMPLEMENT 3, metabolism/ ERYTHROCYTE MEMBRANE/ *ERYTHROCYTES, drug effects/ ERYTHROCYTES, immunology/ *HEMOGLOBINURIA, PAROXYSMAL, blood/ HEMOLYSIS, drug effects/ *HEPARIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ I BLOOD-GROUP SYSTEM/ ISOANTIBODIES/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5544. **Lohkamp F, Claussen C, Spenneberg H:** Computertomographie der Parotis Laryngol Rhinol Otol (Stuttg) 56(2):104–20, Feb 77 (Eng. Abstr.) **(Ger)**
ADENOMA, radiography/ ADULT/ CARCINOMA, radiography/ CYSTADENOMA, radiography/ DERMOID CYST, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ FIBROSARCOMA, radiography/ HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ *PAROTID GLAND, radiography/ PAROTID NEOPLASMS, radiography/ PAROTITIS, radiography/ SALIVARY GLAND DISEASES, radiography/ SIALADENITIS, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

5545. **Lohse K, Weller P:** Zur Anwendung von Fibrinolytika in der Augenheilkunde Folia Haematol (Leipz) 103(3):488–8, 1976 **(Ger)**
ADULT/ AGED/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *HYPHEMA, drug therapy/ MALE/ MIDDLE AGE/ RETINAL ARTERY/ *RETINAL DISEASES, drug therapy/ RETINAL VEIN

5546. **Loire R, Dubreuil C, Perrin A:** Les embolies coronaires. Etude d'une série de trente cas anatomo-cliniques Arch Mal Coeur 70(1):1–7, Jan 77 **(Fre)**
*CORONARY DISEASE, etiology/ CORONARY DISEASE, pathology/ CORONARY VESSELS, pathology/ *EMBOLISM/ EMBOLISM, etiology/ ENDOCARDITIS, BACTERIAL, complications/ HEART VALVE DISEASES, complications/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MYOCARDIAL DISEASES, PRIMARY, complications/ MYOCARDIAL INFARCT, etiology/ MYOCARDIUM, pathology/ THROMBOSIS, etiology

5547. **Loken M, Ponto R:** Dual camera studies of pulmonary function. Scand J Respir Dis [Suppl] (85):159–68, 1974
DIAGNOSIS, DIFFERENTIAL/ HUMAN/ POSTURE/ PULMONARY CIRCULATION/ PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING, instrumentation/ *VENTILATION-PERFUSION RATIO/ XENON RADIOISOTOPES, diagnostic use

5548. **Lokhvitski®i SV, Elpat'evsakaia GN, Slizkov SS, et al:** Kliniko-biokhimicheskie sopostavleniia pri abstsessakh legkikh Grudn Khir (2):62–6, Mar–Apr 76 (Eng. Abstr.) **(Rus)**
ADULT/ BLOOD PROTEINS, analysis/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IRON, blood/ KININS, blood/ *LUNG ABSCESS, blood/ MALE/ MIDDLE AGE/ TRYPSIN INHIBITORS, blood

5549. **Lokich JJ:** Managing chemotherapy-induced bone marrow suppression in cancer. Hosp Pract 11(8):61–7, Aug 76
ANEMIA, chemically induced/ ANEMIA, therapy/ *ANTINEOPLASTIC AGENTS, adverse effects/ BONE MARROW DISEASES, chemically induced/ *BONE MARROW DISEASES, therapy/ FEMALE/ HUMAN/ LEUKOPENIA, chemically induced/ LEUKOPENIA, therapy/ THROMBOPENIA, chemically induced/ THROMBOPENIA, therapy

5550. **Lökken P, Olsen I, Bruaset I, et al:** Bilateral surgical removal of impacted lower third molar teeth as a model for drug evaluation: a test with ibuprofen.
Eur J Clin Pharmacol 8(3–4):209–16, 4 Apr 75
ADOLESCENCE/ ADULT/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DRUG EVALUATION/ EDEMA/ FEMALE/ HEMOSTASIS, drug effects/ HUMAN/ IBUPROFEN, adverse effects/ IBUPROFEN, blood/ *IBUPROFEN, therapeutic use/ *INFLAMMATION, drug therapy/ MALE/ MANDIBLE, surgery/ *MOLAR/ MOLAR, surgery/ PAIN, POSTOPERATIVE, drug therapy/ *PHENYLPROPIONATES, therapeutic use/ *TOOTH EXTRACTION/ *TOOTH, IMPACTED, surgery/ TRISMUS

5551. **Lokshina LA, Egorova TP, Orekhovich VN:** Proteinaza Selezenki byka s Kininogenaznoĭ aktivnost'iu
Biokhimiia 41(11):2021–4, Nov 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ CATTLE/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ *KALLIKREIN, metabolism/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, metabolism/ *SPLEEN, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

5552. **Lokshina LA, Riftina FD, Opekhovich VN:** Izuchenie neitral' noĭ proteinazy selezenki byka, gifrolizuiushcheĭ giston
Biokhimiia 41(8):1412–20, Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ CATTLE/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ HISTONES/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ *SPLEEN, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

5553. **Long DG, Borsa J, Sargent MD:** A potential artifact generated by pelleting viral particles during preparative ultracentrifugation. Biochim Biophys Acta 451(2):639–42, 21 Dec 76
CESIUM, pharmacodynamics/ CHYMOTRYPSIN/ ENZYME ACTIVATION, drug effects/ EVALUATION STUDIES/ PEPTIDES, analysis/ REOVIRUS TYPE 3, enzymology/ *REOVIRUS TYPE 3, ultrastructure/ *REOVIRUSES, ultrastructure/ REVERSE TRANSCRIPTASE, metabolism/ SODIUM, pharmacodynamics/ ULTRACENTRIFUGATION, methods

5554. **Long E, Crippa M:** DNA-dependent RNA polymerase C from Xenopus laevis ovaries: formation of stable heparin-resistant DNA-binding complexes. FEBS Lett 72(1):67–70, 15 Dec 76
ANIMAL/ BINDING SITES/ DRUG STABILITY/ *DNA, metabolism/ FEMALE/ *HEPARIN, pharmacodynamics/ KINETICS/ MOLECULAR WEIGHT/ *OVARY, metabolism/ PROTEIN BINDING/ *RNA POLYMERASES, metabolism/ TEMPERATURE/ TEMPLATES/ XENOPUS

5555. **Long RG, Scheuer PJ, Sherlock S:** Pre-eclampsia presenting with deep jaundice. J Clin Pathol 30(3):212–5, Mar 77
ADULT/ ANEMIA, HEMOLYTIC, complications/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ HUMAN/ *JAUNDICE, complications/ JAUNDICE, pathology/ LABOR COMPLICATIONS/ LIVER, pathology/ *PRE-ECLAMPSIA, complications/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ *PREGNANCY TOXEMIAS, complications/ PREGNANCY

5556. **Long RG, Lake BD, Pettit JE, et al:** Adult Niemann-Pick disease: its relationship to the syndrome of the sea-blue histiocyte. Am J Med 62(4):627–35, Apr 77
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ BONE MARROW CELLS, ultrastructure/ CASE REPORT/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, THIN LAYER/ CYTOPLASMIC GRANULES, ultrastructure/ FEMALE/ *HISTIOCYTES, ultrastructure/ HUMAN/ LIVER, analysis/ LIVER, pathology/ LUNG, radiography/ *NIEMANN-PICK DISEASE, pathology/ NIEMANN-PICK DISEASE, radiography/ SPHINGOMYELINS, analysis/ SPLEEN, analysis/ SPLEEN, pathology/ SPLENOPORTOGRAPHY

5557. **Longhini C, Favero A, Pinelli G:** Assetto lipidico ed emocoagulativo di pazienti sopravvissuti ad infarto miocardico da oltre 13 anni Boll Soc Ital Cardiol 20(12):1659–64, 1975 **(Ita)**
ADULT/ AGED/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS/ *BLOOD PROTEIN DISORDERS/ FEMALE/ HUMAN/ *LIPIDS, blood/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood

5558. **Longo FJ:** An ultrastructural study of cross-fertilization (Arbacia female x Mytilus male). J Cell Biol 73(1):14–26, Apr 77
ACROSOME, ultrastructure/ ANIMAL/ CELL NUCLEUS, ultrastructure/ ENDOPLASMIC RETICULUM, ultrastructure/ FEMALE/ *FERTILIZATION/ MALE/ MICROTUBULES, ultrastructure/ MORPHOGENESIS/ *MUSSELS, physiology/ OVUM, drug effects/ *OVUM, ultrastructure/ *SEA URCHINS, physiology/ *SPERMATOZOA, ultrastructure/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5559. **Longstreth PL, Korobkin M:** Intrarenal arterial aneurysms. CRC Crit Rev Clin Radiol Nucl Med 8(1):129–51, 1976
ADENOCARCINOMA, radiography/ ANEURYSM, congenital/ ANEURYSM, etiology/ *ANEURYSM, radiography/ ANEURYSM, MYCOTIC, radiography/ ATHEROSCLEROSIS, radiography/ DRUG ABUSE, complications/ FEMALE/ HEMANGIOMA, radiography/ HUMAN/ KIDNEY CALCULI, surgery/ KIDNEY NEOPLASMS, radiography/ KIDNEY, injuries/ LIPOMA, radiography/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ METHAMPHETAMINE, adverse effects/ NEUROFIBROMATOSIS, radiography/ PERIARTERITIS NODOSA, radiography/ *RENAL ARTERY/ STAPHYLOCOCCAL INFECTIONS, complications/ SURGERY, OPERATIVE, adverse effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5560. **Loos M, Volanakis JE, Stroud RM:** Mode of interaction of different polyanions with the first (C1, C1), the second (C2) and the fourth (C4) component of complement--III. Inhibition of C4 and C2 binding site(s) on C1s by polyanions. Immunochemistry 13(9):789–91, Sep 76
BINDING SITES, ANTIBODY/ COMPLEMENT 1/ COMPLEMENT 2, antagonists & inhibitors/ COMPLEMENT 4, antagonists & inhibitors/ *COMPLEMENT, antagonists & inhibitors/ DEXTRAN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HEMOLYSIS/ HEPARIN, pharmacodynamics/ HYDROLYSIS/ PENTOSAN SULFURIC POLYESTER, pharmacodynamics/ TOSYLARGININE METHYL ESTER/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5561. **Lopes-Virella MF, Stone P, Ellis S, et al:** Cholesterol determination in high-density lipoproteins separated by three different methods. Clin Chem 23(5):882–4, May 77
ADULT/ *CHOLESTEROL, blood/ COMPARATIVE STUDY/ HEPARIN, diagnostic use/ HUMAN/ *LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, HDL, isolation & purification/ MAGNESIUM, diagnostic use/ MANGANESE, diagnostic use/ METHODS/ PHOSPHOTUNGSTIC ACID, diagnostic use/ PRECIPITATION/ TRIGLYCERIDES, blood/ ULTRACENTRIFUGATION

5562. **Lopez M:** La patologia dei mezzi contraccettivi ormonali Pathologica 68(981-982):279-90, Jul-Aug 76 **(Ita)**
CEREBROVASCULAR DISORDERS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ FEMALE/ HUMAN/ HYPERTENSION, chemically induced/ THROMBOPHLEBITIS, chemically induced/ THROMBOSIS, chemically induced

5563. **Lopez R, Ronda-Lain C, Tapia A, et al:** Suppression of the lytic and bactericidal effects of cell wallinhibitory antibiotics. Antimicrob Agents Chemother 10(4):697-706, Oct 76
*ANTIBIOTICS, pharmacodynamics/ AUTOLYSIS/ BACILLUS SUBTILIS, drug effects/ CELL WALL, drug effects/ CHOLINE, metabolism/ CULTURE MEDIA/ DRUG RESISTANCE, MICROBIAL/ HYDROGEN-ION CONCENTRATION/ PENICILLINS, pharmacodynamics/ STREPTOCOCCUS PNEUMONIAE, drug effects/ STREPTOCOCCUS PNEUMONIAE, metabolism/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5564. **López Areal F:** Fishiopatologia y tratamiento del shock hemorrágico Rev Esp Anestesiol Reanim 23(6):477-81, Nov 76 **(Spa)**
*BLOOD CIRCULATION/ *BLOOD COAGULATION/ HUMAN/ *PLASMA SUBSTITUTES, therapeutic use/ *SHOCK, HEMORRHAGIC, physiopathology/ *SHOCK, HEMORRHAGIC, therapy

5565. **Lopez-Llera M, Linares GR:** Factors that influence maternal mortality in eclampsia. Perspect Nephrol Hypertens 5:41-9, 1976
ADOLESCENCE/ ADULT/ BLOOD COAGULATION DISORDERS, complications/ BRAIN, pathology/ CESAREAN SECTION/ DELIVERY/ ECLAMPSIA, complications/ *ECLAMPSIA, mortality/ ECLAMPSIA, pathology/ FEMALE/ HUMAN/ KIDNEY, pathology/ LIVER, pathology/ MATERNAL AGE/ MYOCARDIUM, pathology/ ORGAN WEIGHT/ PREGNANCY/ PREGNANCY, MULTIPLE/ PUERPERAL DISORDERS, mortality

5566. **López-Llera M, de la Luz Espinosa M, Ramos JN, et al:** Coagulation and fibrinolysis in molar pregnancy. Am J Obstet Gynecol 127(8):855-60, 15 Apr 77
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ BLOOD PLATELETS/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ *HYDATIDIFORM MOLE, blood/ MIDDLE AGE/ *PREGNANCY COMPLICATIONS, blood/ PREGNANCY/ *UTERINE NEOPLASMS, blood

5567. **Lopez-Majano V, Lin SC, Lee JK:** Perfusion and ventilation scintigrams with a gamma-camera. Scand J Respir Dis [Suppl] (85):169-74, 1974
ALBUMINS, diagnostic use/ HUMAN/ LUNG DISEASES, OBSTRUCTIVE, diagnosis/ PULMONARY CIRCULATION/ PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING, instrumentation/ TECHNETIUM, diagnostic use/ *VENTILATION-PERFUSION RATIO/ XENON RADIOISOTOPES, diagnostic use

5568. **López-Romero E, Ruiz-Herrara J:** Synthesis of chitin by particulate preparations from Aspergillus flavus. Antonie van Leeuwenhoek 42(3):261-76, 1976
ANTIBIOTICS, pharmacodynamics/ ASPERGILLUS FLAVUS, enzymology/ *ASPERGILLUS FLAVUS, metabolism/ CELL-FREE SYSTEM/ CHITIN SYNTHASE, metabolism/ *CHITIN, biosynthesis/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, pharmacodynamics/ METALS, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ TEMPERATURE/ URIDINE DIPHOSPHATE N-ACETYLGLUCOSAMINE, metabolism

5569. **Lorand L:** Introduction to clotting and lysis in blood plasma. Methods Enzymol 45:31-7, 1976 (36 ref.)
ANIMAL/ *BLOOD COAGULATION FACTORS/ *BLOOD COAGULATION/ ENZYME ACTIVATION/ HYDROLYSIS/ MOLECULAR WEIGHT/ REVIEW

5570. **Lorenz MD:** Laboratory diagnosis of gastrointestinal disease and pancreatic insufficiency. Vet Clin North Am 6(4):663-70, Nov 76
ANIMAL/ BLOOD PROTEINS, analysis/ BLOOD UREA NITROGEN/ DIARRHEA, diagnosis/ DIARRHEA, veterinary/ *DOG DISEASES, diagnosis/ DOGS/ FECES, enzymology/ FECES, parasitology/ *GASTROINTESTINAL DISEASES, veterinary/ INTESTINAL ABSORPTION/ LIPIDS, blood/ MALABSORPTION SYNDROMES, diagnosis/ MALABSORPTION SYNDROMES, veterinary/ PANCREATIC DISEASES, diagnosis/ *PANCREATIC DISEASES, veterinary/ TRYPSIN, analysis/ VOMITING, diagnosis/ VOMITING, veterinary/ XYLOSE, diagnostic use

5571. **Lorez HP, Da Prada M, Rendu F, et al:** Mepacrine, a tool for investigating the 5-hydroxytryptamine organelles of blood platelets by fluorescence microscopy. J Lab Clin Med 89(1):200-6, Jan 77
*BLOOD PLATELETS, ultrastructure/ CATS/ CYTOPLASMIC GRANULES, ultrastructure/ GUINEA PIGS/ HUMAN/ MICROSCOPY, FLUORESCENCE/ *QUINACRINE/ QUINACRINE, blood/ QUINACRINE, metabolism/ RABBITS/ RATS/ *SEROTONIN, blood

5572. **Lorient D, Humbert G, Alais C:** Dégradation thermique des caséines alpha s et beta de vache. III. Modifications de la protéolyse enzymatique: relation avec la dégradation des acides aminés Biochimie 58(7):871-3, 1976 **(Fre)**
AMINES/ AMINO ACIDS, analysis/ ANIMAL/ *CASEIN/ CASEIN, metabolism/ CATTLE/ FEMALE/ HEAT/ LYSINE/ PEPSIN, metabolism/ PEPTIDE HYDROLASES, metabolism/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ TRYPSIN, metabolism

5573. **Loriia ZhK, Briukner B, Egorov NS:** Vliianie aminokislot na sintez vnekletochnoĭ proteazy u Serratia marcescens Mikrobiologiia 46(1):41-5, Jan-Feb 77 (Eng. Abstr.) **(Rus)**
*AMINO ACIDS, pharmacodynamics/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ ENZYME REPRESSION/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES, biosynthesis/ *SERRATIA MARCESCENS, enzymology/ SERRATIA MARCESCENS, growth & development

5574. **Loriia ZhK, Briukner B, Egorov NS:** O prirode istinnogo induktora sinteza vnekletochnoĭ proteazy Serratia marcescens. Mikrobiologiia 46(3):440-6, May-Jun 77 **(Rus)**
*ALBUMINS, pharmacodynamics/ *AMINO ACIDS, pharmacodynamics/ COMPARATIVE STUDY/ ENZYME INDUCTION/ *PEPTIDE HYDROLASES, biosynthesis/ *SERRATIA MARCESCENS, enzymology

5575. **Lormeau JC, Choay J, Goulay J, et al:** Purification et propriétés des plasminogènes extraits du placenta humain Ann Pharm Fr 34(7-8):287-96, Jul-Aug 76 (Eng. Abstr.) **(Fre)**
AMINO ACIDS, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PLACENTA, analysis/ *PLASMINOGEN, isolation & purification/ PREGNANCY

5576. **Loseva VA:** Nekotorye biologicheski aktivnye veshchestva krovi i sistema gemokoaguliatsii u bol'nykh ékzemoĭ Vestn Dermatol Venerol (12):3-7, Dec 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *BIOGENIC AMINES, blood/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ COMPARATIVE STUDY/ *ECZEMA, physiopathology/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE

5577. **Losito R, Barlow G, Lemieux E:** 3H-heparin and antithrombin III in the isolated liver perfusion. Thromb Res 10(1):83-93, Jan 77
ANIMAL/ ANTITHROMBINS, blood/ *ANTITHROMBINS, metabolism/ *BILE, metabolism/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS/ HEPARIN, blood/ *HEPARIN, metabolism/ *LIVER, metabolism/ PERFUSION/ RATS/ TRITIUM

5578. **Losito R, Beaudry P, Valderrama JC, et al:** Antithrombin III and Factor VIII in patients with neoplasms. Am J Clin Pathol 68(2):258-62, Aug 77
ADOLESCENCE/ ADULT/ AGED/ *ANTITHROMBINS, blood/ BLOOD COAGULATION TESTS/ CHILD/ *FACTOR VIII, analysis/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASMS, blood/ NEOPLASMS, physiopathology

5579. **Losman JG, Rose AG, Barnard CN:** Myocardial fibrinolytic activity in allogenic cardiac rejection. Transplantation 23(5):414-22, May 77
ANIMAL/ BABOONS/ ELECTROCARDIOGRAPHY/ FEMALE/ *FIBRINOLYSIS/ *GRAFT REJECTION/ *HEART, transplantation/ MALE/ MONKEYS/ *MYOCARDIUM, analysis/ MYOCARDIUM, pathology/ TRANSPLANTATION, ALLOGENEIC

5580. **Lossing TS, Kasper CK, Feinstein DI:** Detection of factor VIII inhibitors with the partial thromboplastin time. Blood 49(5):793-7, May 77
*FACTOR VIII, antagonists & inhibitors/ *HEMOPHILIA, blood/ HEMOPHILIA, diagnosis/ *PROTHROMBIN TIME/ THROMBOPLASTIN

5581. **Lotay SS, Speakman PT:** Three-chain merokeratin from wool may be a fragment of the microfibril component macromolecule. Nature 265(5591):274-6, 20 Jan 77
ANIMAL/ *KERATIN, analysis/ MOLECULAR WEIGHT/ PROTEIN CONFORMATION/ TRYPSIN/ *WOOL, analysis

5582. **Lottspeich F, Henschen A:** Amino acid sequence of human fibrin. Preliminary note on an internal peptide obtained by cleaving the gamma-chain at the arginyl bonds and showing sequence homology with the C-terminus. Hoppe Seylers Z Physiol Chem 358(6):703-7, Jun 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ARGININE/ *FIBRIN/ HUMAN/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS/ TRYPSIN

5583. **Lottspeich F, Henschen A:** Amino acid sequence of human fibrin. Preliminary note on the completion of the gamma-chain sequence. Hoppe Seylers Z Physiol Chem 358(7):935-8, Jul 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *FIBRIN/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN

5584. **Loudon JR:** Fatal embolism from calf-vein thrombosis [letter]. Lancet 2(7988):742-3, 2 Oct 76
AGED/ ARTHROPLASTY/ CASE REPORT/ HIP JOINT, surgery/ HUMAN/ *LEG, blood supply/ MALE/ POSTOPERATIVE COMPLICATIONS/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, mortality/ *THROMBOPHLEBITIS, complications

5585. **Loudon JR:** 125I-fibrinogen uptake test. Br Med J 2(6039):793, 2 Oct 76
COMPARATIVE STUDY/ FALSE POSITIVE REACTIONS/ *FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES/ LEG, blood supply/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS, diagnosis/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology

5586. **Louis-Gustave A, Louis-Gustave R:** Signes cardiovasculaires de la drépanocytose. A propos de 12 cas Arch Mal Coeur 70(2):135-40, Feb 77 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ *ANEMIA, SICKLE CELL, diagnosis/ CHILD/ CHILD, PRESCHOOL/ DYSPNEA, etiology/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ FEVER/ HEART AUSCULTATION/ HEART ENLARGEMENT, etiology/ HEART, radiography/ HOMOZYGOTE/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ PAIN/ RHEUMATIC FEVER, diagnosis/ THROMBOSIS, etiology

5587. **Louizou C, Panayotopoulou C, Antonopoulou A, et al:** Isoimmunization in haemophiliacs. Scand J Haematol (30):51-4, 1977
ADOLESCENCE/ ADULT/ ANTIBODY SPECIFICITY/ *BLOOD GROUP INCOMPATIBILITY/ CHILD/ CHILD, PRESCHOOL/ ERYTHROCYTES, immunology/ *HEMOPHILIA, therapy/ HUMAN/ ISOANTIBODIES, analysis/ *ISOANTIGENS/ MIDDLE AGE

5588. **Loutfy MA, Abu-Shady H:** A novel semi-synthetic route to psoralen. Pharmazie 31(8):573, Aug 76
CHEMISTRY/ *COUMARINS, chemical synthesis/ *FICUSIN, chemical synthesis/ METHODS

5589. **Loutfy MA, Hassan MM, Jado AI, et al:** Furocoumarins part 3: Esters and ethers with predictable skin-photosensitizing activity. Pharmazie 31(11):819-20, Nov 76
COUMARINS, chemical synthesis/ *COUMARINS, pharmacodynamics/ ESTERIFICATION/ PHOTOSENSITIZATION, chemically induced/ SKIN, drug effects

5590. **Louvent F:** Prévention des accidents thrombo-emboliques post-opératoires en chirurgie viscérale par le Tandéril Med Chir Dig 5(5):319-21, 1976 **(Fre)**
ABDOMEN, surgery/ ADULT/ AGED/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *OXYPHENBUTAZONE, therapeutic use/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

5591. **Lovchik JC, Hong R:** Antibody-dependent cell-mediated cytolysis (ADCC): analyses and projections. Prog Allergy 22:1-44, 1977 (131 ref.)
ANIMAL/ *ANTIBODIES/ BINDING SITES/ BLOOD PLATELETS, immunology/ BONE MARROW CELLS, immunology/ CATIONS, DIVALENT/ CELL ADHESION/ COMPLEMENT, metabolism/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FETUS, immunology/ HUMAN/ *IMMUNITY, CELLULAR/ IMMUNOGLOBULINS, FC/ IMMUNOGLOBULINS, SURFACE, analysis/ LYMPH NODES, immunology/ LYMPH, immunology/ *LYMPHOCYTES, immunology/ MACROPHAGES, immunology/ MONOCYTES, immunology/ NEUTROPHILS, immunology/ PHAGOCYTOSIS/ REVIEW/ SPECIES SPECIFICITY/ SPLEEN, immunology/ THYMUS GLAND, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5592. **Love RR, Kaboth W:** Remissionsbeeinflussende Faktoren bei akuter myeloischer Leukämie Med Klin 72(15):631-6, 15 Apr 77 (13 ref.) **(Ger)**
ADULT/ AGE FACTORS/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ FEMALE/ HEMOGLOBINOMETRY/ HUMAN/ INFECTION/ LEUKEMIA, MYELOBLASTIC, complications/ *LEUKEMIA, MYELOBLASTIC, diagnosis/ LEUKEMIA, MYELOBLASTIC, drug therapy/ LEUKOCYTE COUNT/ LYMPHATIC SYSTEM, pathology/ MALE/ MIDDLE AGE/ OBESITY/ REMISSION/ REVIEW/ SEX FACTORS

5593. **Lovell RR:** Problems of interpretation in secondary prevention trials in coronary heart disease. Med J Aust 1(7):224-6, 12 Feb 77
*ANTI-ARRHYTHMIA AGENTS, therapeutic use/ *ANTICOAGULANTS, therapeutic use/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *CORONARY DISEASE, prevention & control/ HUMAN/ MORTALITY/ PATIENT DROPOUTS/ PLACEBOS/ *RESEARCH DESIGN

5594. **Loverdo RG:** Sostoianie sistemy gemokoaguliatsii pri kishechnykh toksikozakh u detei rannego vozrasta

Vopr Okhr Materin Det 21(3):35–8, 1976 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ *INTESTINAL DISEASES, blood/ *TOXEMIA, blood

5595. **Lovisetto P, Mairano S, Biarese V:** La malattia di Fanconi-Zinsser Minerva Med 68(25):1685–708, 19 May 77 (Eng. Abstr.) **(Ita)**
ADULT/ ANEMIA, APLASTIC, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ *KERATOSIS, diagnosis/ LEUKOPLAKIA, ORAL, diagnosis/ MALE/ *PIGMENTATION DISORDERS, diagnosis/ PRELEUKEMIA, diagnosis/ SYNDROME/ THROMBOPENIA, diagnosis

5596. **Lovrencic M, Skragatic M, Kumar H, et al:** Neki aspekti posttrombotičkih promjena zdjeličnih vena u flebogramu. Lijec Vjesn 99(3):170–4, Mar 77 (Eng. Abstr.) **(Scr)**
ENGLISH ABSTRACT/ FEMORAL VEIN, radiography/ HUMAN/ ILIAC VEIN, radiography/ *PELVIS, blood supply/ *PHLEBOGRAPHY, methods/ *THROMBOPHLEBITIS, radiography/ TIME FACTORS

5597. **Lowe GD, Harvie A, Forbes CD, et al:** Successful treatment with prothrombin complex concentrate of postoperative bleeding in a haemophiliac with a factor VIII inhibitor. Br Med J 2(6044):1110–1, 6 Nov 76
ADULT/ BLOOD COAGULATION TESTS/ CASE REPORT/ DRUG COMBINATIONS/ DUODENAL ULCER, surgery/ *FACTOR IX, therapeutic use/ *FACTOR VIII, antagonists & inhibitors/ *FACTOR X, therapeutic use/ *HEMOPHILIA, complications/ *HEMORRHAGE, prevention & control/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROTHROMBIN, therapeutic use/ WOUND HEALING

5598. **Lowe GD, Forbes CD, Prentice CR:** Plasma-fibrinogen thromboembolism, and hit fractures [letter]. Lancet 1(8008):426, 19 Feb 77
AGED/ ARVIN, therapeutic use/ CLINICAL RESEARCH/ FEMALE/ *FIBRINOGEN, analysis/ *FRACTURES, surgery/ *HIP, injuries/ HUMAN/ PELVIC BONES, injuries/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

5599. **Lowenhaupt RW, Glueck HI, Miller MA, et al:** Factors which influence blood platelet migration. J Lab Clin Med 90(1):37–45, Jul 77
ANTICOAGULANTS, pharmacodynamics/ ANTIMETABOLITES, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ CELL MOVEMENT, drug effects/ COLCHICINE, pharmacodynamics/ CYTOCHALASIN B, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ IODOACETATES, pharmacodynamics/ METHODS/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ SODIUM FLUORIDE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5600. **Lowenthal J, Jaeger V:** Synthesis of clotting factors by a cell-free system from rat liver in response to the addition of vitamin K1 in vitro. Biochem Biophys Res Commun 74(1):25–32, 10 Jan 77
ANIMAL/ CELL-FREE SYSTEM/ *FACTOR VII, biosynthesis/ *FACTOR X, biosynthesis/ GEL DIFFUSION TESTS/ KINETICS/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ *PROTHROMBIN, biosynthesis/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBCELLULAR FRACTIONS, metabolism/ *VITAMIN K DEFICIENCY, metabolism/ VITAMIN K, analogs & derivatives/ *VITAMIN K, pharmacodynamics

5601. **Lowery C, Richardson JP:** Characterization of the nucleoside triphosphate phosphohydrolase (ATPase) activity of RNA synthesi termination factor p. I. Enzymatic properties and effects of inhibitors. J Biol Chem 252(4):1375–80, 25 Feb 77
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ADENOSINE TRIPHOSPHATASE, isolation & purification/ *ADENOSINE TRIPHOSPHATASE, metabolism/ AURINTRICARBOXYLIC ACID, pharmacodynamics/ BACTERIAL PROTEINS, isolation & purification/ *BACTERIAL PROTEINS, physiology/ CATIONS, DIVALENT/ EDTA, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ *ESCHERICHIA COLI, enzymology/ EGTA, pharmacodynamics/ FUSIDIC ACID, pharmacodynamics/ HEPARIN, pharmacodynamics/ KINETICS/ MAGNESIUM, pharmacodynamics/ PHENANTHROLINES, pharmacodynamics/ RIFAMPIN, pharmacodynamics/ RNA POLYMERASES, antagonists & inhibitors/ *RNA, BACTERIAL, biosynthesis/ *TRANSCRIPTION, GENETIC/ TRANSCRIPTION, GENETIC, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5602. **Lowther DA, Gillard GC, Baxter E, et al:** Carrageenin-induced arthritis. III. Proteolytic enzymes present in rabbit knee joints after a single intraarticular injection of carrageenin. Arthritis Rheum 19(6):1287–94, Nov-Dec 76
ACID PHOSPHATASE, metabolism/ ANIMAL/ ARTHRITIS, chemically induced/ *ARTHRITIS, enzymology/ CARRAGEENAN, administration & dosage/ *CARRAGEENAN, pharmacodynamics/ CATHEPSIN, metabolism/ INJECTIONS, INTRA-ARTICULAR/ KNEE JOINT, enzymology/ LYSOSOMES, enzymology/ *PEPTIDE HYDROLASES, metabolism/ PROTEOGLYCANS, metabolism/ RABBITS/ SYNOVIAL FLUID, enzymology

5603. **Lozier RH, Niederberger W, Bogomolni RA, et al:** Kinetics and stoichiometry of light-induced proton release and uptake from purple membrane fragments, Halobacterium halobium cell envelopes, and phospholipid vesicles containing oriented purple membrane. Biochim Biophys Acta 440(3):545–56, 13 Sep 76
*BACTERIORHODOPSIN, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE/ *CAROTENOIDS, metabolism/ *CELL MEMBRANE, metabolism/ CELL MEMBRANE, ultrastructure/ COUMARINS/ FREEZE FRACTURING/ *HALOBACTERIUM, metabolism/ HALOBACTERIUM, ultrastructure/ KINETICS/ LIGHT/ MICROSCOPY, ELECTRON/ *PHOSPHOLIPIDS, metabolism/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5604. **Lozman J, Holmblad J:** Cavernous hemangiomas associated with scoliosis and a localized consumptive coagulopathy. A case report. J Bone Joint Surg [Am] 58(7):1021–4, Oct 76
ADOLESCENCE/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ MALE/ PREDNISONE, therapeutic use/ *RIBS/ RIBS, pathology/ *SCOLIOSIS, complications/ SCOLIOSIS, radiography/ SPINAL NEOPLASMS, radiography/ SPINAL NEOPLASMS, surgery/ *THORACIC NEOPLASMS, complications/ THORACIC NEOPLASMS, pathology/ THORACIC NEOPLASMS, radiography

5605. **Lubec G, Schlemmer M, Wimmer M:** Serumkonzentrationen von Proteinaseinhibitoren, Komplement-komponenten und des sauren alpha-1-Glykoproteins bei Kindern mit Myokarditiden. Klin Paediatr 189(4):253–8, Jul 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ALPHA MACROGLOBULINS, analysis/ ALPHA

1-ANTITRYPSIN, analysis/ CHILD/ CHILD, PRESCHOOL/ COMPLEMENT 3, analysis/ COMPLEMENT 4, analysis/ *COMPLEMENT, analysis/ ENGLISH ABSTRACT/ GEL DIFFUSION TESTS/ *GLYCOPROTEINS, blood/ HUMAN/ INFANT/ INFANT, NEWBORN/ *MYOCARDITIS, blood/ *PEPTIDE HYDROLASES, antagonists & inhibitors

5606. **Lubenskiĭ IuM, Draliuk NS, Kotov MK:** Intensivnaia terapiia bol'nykh septicheskim trombozom kavernoznogo sinusa Khirurgiia (Mosk) (1):33-5, Jan 77 (Eng. Abstr.) **(Rus)**
BRAIN, blood supply/ *CAVERNOUS SINUS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIN, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MALE/ PROCAINE, therapeutic use/ *THROMBOSIS, drug therapy

5607. **Lubs HA, Lubs ML:** Changing patterns of genetic counseling. Adv Pathobiol (3):102-18, 1976
BAYES THEOREM/ CHROMOSOME ABNORMALITIES, prevention & control/ FEMALE/ GENES, DOMINANT/ GENES, RECESSIVE/ *GENETIC COUNSELING/ HEMOPHILIA, familial & genetic/ HEREDITARY DISEASES, prevention & control/ HUMAN/ HUNTINGTON CHOREA, familial & genetic/ MALE/ METHODS/ MUSCULAR DYSTROPHY, familial & genetic/ PEDIGREE/ RISK/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5608. **Lucas RC, Gallagher M, Stracher A:** Actin and actin binding protein in platelets. pp. 133-9.
In: Perry SV, et al., ed. Contractile systems in non-muscle tissues. Amsterdam, North-Holland Publ, 1976. QH 647 161c 1976.
ACTIN, isolation & purification/ *ACTIN, metabolism/ ACTOMYOSIN, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL/ *BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, isolation & purification/ *BLOOD PROTEINS, metabolism/ CALCIUM, metabolism/ CARRIER PROTEINS, isolation & purification/ *CARRIER PROTEINS, metabolism/ COMPARATIVE STUDY/ IN VITRO/ MOLECULAR WEIGHT/ MONOGRAPH/ MUSCLES, metabolism/ MYOSIN, metabolism/ POLYMERS, metabolism/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5609. **Luce EA, Futrell JW, Wilgis EF, et al:** Compression neuropathy following brachial arterial puncture in anticoagulated patients. J Trauma 16(9):717-21, Sep 76
ADULT/ *ANTICOAGULANTS, adverse effects/ BLOOD GAS ANALYSIS/ *BRACHIAL ARTERY, injuries/ CASE REPORT/ *CATHETERIZATION, adverse effects/ FEMALE/ HUMAN/ MEDIAN NERVE, injuries/ MIDDLE AGE/ NERVE COMPRESSION SYNDROMES, diagnosis/ *NERVE COMPRESSION SYNDROMES, etiology/ NERVE COMPRESSION SYNDROMES, therapy

5610. **Ludgate CM, Webber RG, Pettigrew RT, et al:** Coagulation defects following whole body hyperthermia in the treatment of disseminated cancer: a limiting factor in treatment. Clin Oncol 2(3):219-25, Sep 76
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELETS/ BODY TEMPERATURE/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *FEVER THERAPY, adverse effects/ HUMAN/ *NEOPLASMS, therapy/ THROMBOPENIA, etiology

5611. **Ludlam CA:** beta-Thromboglobulin test [letter]. Lancet 1(8025):1311-2, 18 Jun 77
*BETA GLOBULINS, analysis/ *BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, methods/ FEMALE/ HUMAN/ MALE/ PREGNANCY/ *THROMBOEMBOLISM, diagnosis

5612. **Lugnier AA, Le Meur MA, Gerlinger P, et al:** Isolation and biochemical properties of toxic tryptic peptides of ricinotoxin from Ricinus communis seeds.
Eur J Toxicol Environ Hyg 9(6):323-33, Nov-Dec 76
ANIMAL/ CELL-FREE SYSTEM, drug effects/ CHEMISTRY/ ELECTROPHORESIS, DISC/ GUANIDINES/ HEAT/ HYDROLYSIS/ IN VITRO/ MALE/ MICE/ MOLECULAR WEIGHT/ *PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ PEPTIDES, toxicity/ PLANT PROTEINS, analysis/ PROTEIN DENATURATION/ PROTEINS, biosynthesis/ RABBITS/ *RICINUS/ SEEDS, analysis/ TIME FACTORS/ *TOXINS, analysis/ TOXINS, toxicity/ TRYPSIN/ UREA

5613. **Lugovskoĭ EV, Pozdniakova TM, Varetskaia TV, et al:** Doslidzhennia elektroforetychnykh fraktsii i NH2-kintsevykh aminokyslot vysokomolekuliarnykh tryptychnykh frahmentiv fibrinohenu i fibrynu
Ukr Biokhim Zh 48(6):743-9, 1976 (Eng. Abstr.) **(Ukr)**
ANIMAL/ CALCIUM/ CATALYSIS/ CATTLE/ CHEMISTRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, isolation & purification/ FIBRIN/ FIBRINOGEN/ MOLECULAR WEIGHT/ TRYPSIN

5614. **Luiken GA, McMillan R, Lightsey AL, et al:** Platelet-associated IgG in immune thrombocytopenic purpura. Blood 50(2):317-25, Aug 77
ADULT/ *BLOOD PLATELETS, immunology/ CHILD/ HUMAN/ *IGG, analysis/ IMMUNOGLOBULINS, FAB, analysis/ *PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, surgery/ SPLENECTOMY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5615. **Luisi PL, Henninger F, Joppich M:** Solubilization and spectroscopic properties of alpha-chymotrypsin in cyclohexane. Biochem Biophys Res Commun 74(4):1384-9, 21 Feb 77
*CHYMOTRYPSIN/ CYCLOHEXANES/ OLIGOPEPTIDES/ OPTICAL ROTATORY DISPERSION/ SOLUBILITY/ SPECTROMETRY, FLUORESCENCE/ SPECTROPHOTOMETRY, ULTRAVIOLET

5616. **Lukač J, Koren E:** The metalloenzymic nature of collagenase-like peptidase of the rat testis.
J Reprod Fertil 49(1):95-9, Jan 77
ANIMAL/ CHELATING AGENTS/ CLOSTRIDIOPEPTIDASE A, isolation & purification/ CLOSTRIDIOPEPTIDASE A, metabolism/ DIALYSIS/ EDTA/ ELECTROLYTES/ MALE/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDES/ RATS/ SULFHYDRYL COMPOUNDS/ *TESTIS, enzymology

5617. **Lukasheva EV, Aĭsina RB, Kazanskaia NF, et al:** Svoĭstva al'fa-khimotripsina i tsis-tsinnamoilkhimotripsina v svobodnom, kovalentno sviazannom s nositelem i mikrokapsulirovannom sostoianii Biokhimiia 42(3):465-9, Mar 77 (Eng. Abstr.) **(Rus)**
BINDING SITES/ CATALYSIS/ *CHYMOTRYPSIN/ CINNAMATES/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ ENZYMES, IMMOBILIZED/ HEAT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIGHT

5618. **Lukashin BP, Dzharak'ian TK:** Vliianie geparina na vosstanovitel'nye protsessy v obluchennom organizme Radiobiologiia 16(6):852-6, Nov-Dec 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *CYSTAMINE, administration & dosage/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ MALE/ MICE/ *RADIATION INJURIES, EXPERIMENTAL, drug therapy

5619. **Lukashin BP, Nenarokova LI:** Izmenenie protsessov proliferatsii i differentsiatsii kletok kostnogo mozga belykh mysheĭ pod vliianiem geparina. Biull Eksp Biol Med 83(6):736-8, Jun 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BONE MARROW CELLS, drug effects/ CELL COUNT/ *CELL DIFFERENTIATION, drug effects/ ENGLISH ABSTRACT/ HEMATOPOIESIS, drug effects/ *HEPARIN, pharmacodynamics/ MALE/ MICE/ *MITOSIS, drug effects

5620. **Luk'ianova EG, Andrievskaia RA:** O vozmozhnosti kosvennoĭ otsenki reaktogennosti khimicheskikh sorbirovannykh tifo-paratifoznykh vaktsin po fenomenu Shvartsmana Zh Mikrobiol Epidemiol Immunobiol (1):45-51, 1977 **(Rus)**
ANIMAL/ COMPARATIVE STUDY/ HUMAN/ RABBITS/ *SHWARTZMAN PHENOMENON/ SHWARTZMAN PHENOMENON, etiology/ TYPHOID-PARATYPHOID VACCINES, adverse effects/ *TYPHOID-PARATYPHOID VACCINES, standards

5621. **Lukin RR, Chambers AA, Tomsick TA:** Cerebral vascular lesions: infarction, hemorrhage, aneurysm, and arteriovenous malformation. Semin Roentgenol 12(1):77-89, Jan 77
ADULT/ AGED/ BRAIN NEOPLASMS, complications/ BRAIN NEOPLASMS, radiography/ *BRAIN, blood supply/ *CEREBRAL ANEURYSM, radiography/ *CEREBRAL ARTERIOVENOUS MALFORMATIONS, radiography/ CEREBRAL HEMORRHAGE, chemically induced/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, radiography/ FEMALE/ GLIOMA, complications/ GLIOMA, radiography/ HUMAN/ *INFARCTION, radiography/ MALE/ MIDDLE AGE/ *TOMOGRAPHY, COMPUTERIZED AXIAL/ WARFARIN, adverse effects

5622. **Lumley JS, St Bartholomew's Hospital, London.:** Surgical treatment of varicose veins. Br J Hosp Med 17(5):508-10, 512, 515-7, May 77
ARTERIOVENOUS FISTULA, surgery/ HUMAN/ LIGATION/ METHODS/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ SAPHENOUS VEIN, surgery/ THROMBOPHLEBITIS, complications/ VARICOSE VEINS, etiology/ *VARICOSE VEINS, surgery/ VULVAR DISEASES, surgery

5623. **Lumsden J, Coggins JR:** The subunit structure of the arom multienzyme complex of Neurospora crassa. A possible pentafunctional polypeptide chain. Biochem J 161(3):599-607, 1 Mar 77
ALCOHOL OXIDOREDUCTASES, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DIMETHYL SUBERIMIDATE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MOLECULAR WEIGHT/ MULTIENZYME COMPLEXES, analysis/ *MULTIENZYME COMPLEXES, isolation & purification/ *NEUROSPORA CRASSA, enzymology/ *NEUROSPORA, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics

5624. **Lund F:** Fluorescein angiography especially of the upper extremities. Acta Chir Scand [Suppl] (465):60-70, 1976
ADULT/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *ARTERIAL OCCLUSIVE DISEASES, radiography/ ARTERIAL OCCLUSIVE DISEASES, surgery/ EVALUATION STUDIES/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ *FLUORESCENCE ANGIOGRAPHY, methods/ *HAND, blood supply/ HAND, radiography/ HUMAN/ MALE/ MIDDLE AGE/ *RAYNAUD'S DISEASE, radiography/ REGIONAL BLOOD FLOW

5625. **Lundberg M, Erlanson P, Larsson R:** Quinton-Scribner arteriovenous shunts for hemodialysis. A review of 6.5 years' experience. Scand J Urol Nephrol 11(1):47-51, 1977
ADOLESCENCE/ ADULT/ *ARTERIOVENOUS SHUNT, SURGICAL/ ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ ARTERIOVENOUS SHUNT, SURGICAL, nursing/ BISHYDROXYCOUMARIN, adverse effects/ BISHYDROXYCOUMARIN, pharmacodynamics/ BLOOD COAGULATION, drug effects/ CHILD/ FEMALE/ FEVER, etiology/ *HEMODIALYSIS/ HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ OSTEONECROSIS, etiology/ POSTOPERATIVE COMPLICATIONS/ SODIUM CHLORIDE, pharmacodynamics/ STAPHYLOCOCCAL INFECTIONS, etiology/ STREPTOKINASE, adverse effects/ STREPTOKINASE, pharmacodynamics/ SURGICAL WOUND INFECTION

5626. **Lundblad RL, Kingdon HS, Mann KG:** Thrombin. Methods Enzymol 45:156-76, 1976
AMINO ACID SEQUENCE/ ANIMAL/ BLOOD COAGULATION/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, ION EXCHANGE/ HUMAN/ ISOENZYMES, isolation & purification/ ISOENZYMES, metabolism/ MACROMOLECULAR SYSTEMS/ METHODS/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ *THROMBIN/ THROMBIN, isolation & purification/ THROMBIN, physiology

5627. **Lundh G:** Current status of pancreatic function tests. Surg Annu 9:133-45, 1977
ACUTE DISEASE/ CHOLECYSTOKININ, physiology/ CHRONIC DISEASE/ HUMAN/ PANCREAS, enzymology/ *PANCREAS, physiology/ PANCREATIC HORMONES, physiology/ PANCREATITIS, physiopathology/ SECRETIN, diagnostic use/ SECRETIN, physiology/ TRYPSIN, diagnostic use

5628. **Lundsgaard-Hansen P:** Intensive plasmapheresis as a risk factor for arteriosclerotic cardiovascular disease? Vox Sang 33(1):1-4, Jul 77
*ARTERIOSCLEROSIS, etiology/ BLOOD VISCOSITY/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, etiology/ FIBRINOGEN, biosynthesis/ HUMAN/ HYPERLIPEMIA, complications/ HYPOPROTEINEMIA, etiology/ LIPOPROTEINS, LDL, biosynthesis/ LIPOPROTEINS, VLDL, biosynthesis/ MYOCARDIAL INFARCT, etiology/ NEPHROTIC SYNDROME, complications/ *PLASMAPHERESIS, adverse effects/ RISK

5629. **Lundy EG, Sorokin CF, Meltz SK, et al:** Reversible inhibition of human peripheral lymphocyte DNA synthesis by an extract of breast cancer cell line SKBR-3. J Surg Res 22(6):654-9, Jun 77
*BREAST NEOPLASMS, pathology/ *CELL EXTRACTS, pharmacodynamics/ CELL LINE/ CHALONES, pharmacodynamics/ DEOXYRIBONUCLEASE, pharmacodynamics/ DEPRESSION, CHEMICAL/ *DNA, biosynthesis/ HEAT/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, metabolism/ MITOGENS, pharmacodynamics/ MITOMYCIN, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ *TISSUE EXTRACTS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5630. **Lunglmayr G:** Spermienmotilität unter Kallikrein Wien Klin Wochenschr 88(21):709-11, 12 Nov 76 (Eng. Abstr.) **(Ger)**
ADULT/ ENGLISH ABSTRACT/ HUMAN/ *KALLIKREIN, therapeutic use/ MALE/ *SPERM MOTILITY, drug effects/ STERILITY, MALE, drug therapy

5631. **Lupi L, De Angelis P, D'Isa L:** Considerazioni su un caso di ipertensione portale extraepatica quale esito di complicanze da exsanguinostrasfusione, sottoposto con successo a trattamento chirurgico derivativo 'porta-sistemico' Minerva Pediatr 29(9):645-50, 17 Mar 77 **(Ita)**
CASE REPORT/ CATHETERIZATION, adverse effects/ CHILD, PRESCHOOL/ ENTERITIS, complications/ *ERYTHROBLASTOSIS, FETAL, therapy/ *EXCHANGE TRANSFUSION, adverse effects/ HUMAN/ *HYPERTENSION, PORTAL, etiology/ HYPERTENSION, PORTAL, surgery/ INFECTION, complications/ MALE/ *PORTAL VEIN/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, etiology/ UMBILICAL VEINS

5632. **Lurhuma AZ, Riccomi H, Masson PL:** The occurrence of circulating immune complexes and viral antigens in idiopathic thrombocytopenic purpura. Clin Exp Immunol 28(1):49-55, Apr 77
*ANTIGEN-ANTIBODY COMPLEX/

*ANTIGENS, VIRAL/ ANTIGENS, VIRAL, analysis/ CHROMATOGRAPHY, GEL/ COMPLEMENT 1/ HUMAN/ LATEX FIXATION TESTS/ *PURPURA, THROMBOPENIC, immunology/ RHEUMATOID FACTOR

5633. **Lüscher EF, Massini P:** Die thrombozytenmembran Bull Schweiz Akad Med Wiss 32(4–6):161–73, Dec 76 (Eng. Abstr.) **(Ger)**
*BLOOD PLATELETS, physiology/ CALCIUM, blood/ CELL MEMBRANE PERMEABILITY/ CELL MEMBRANE, physiology/ ENGLISH ABSTRACT/ HUMAN/ ION EXCHANGE/ PLATELET AGGREGATION

5634. **Lusher JM, Iyer R:** Idiopathic thrombocytopenic purpura in children. Semin Thromb Hemostas 3(3):175–99, Jan 77 (198 ref.)
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, blood/ KINETICS/ PLASMA/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOPENIC, therapy/ RECURRENCE/ REVIEW/ SEPTICEMIA, etiology/ SPLENECTOMY, adverse effects

5635. **Lustig S, Handel Y, Pluznik DH:** The mechanism of wheat germ agglutinin mediated cytolysis of murine mastocytoma cells. Biochim Biophys Acta 498(1):154–66, 23 Jun 77
CELL LINE/ CELL SURVIVAL/ CESIUM, metabolism/ DEXTRAN, pharmacodynamics/ KINETICS/ *PLANT AGGLUTININS/ *RECEPTORS, DRUG, physiology/ RUBIDIUM, metabolism/ *SARCOMA, MAST CELL, physiopathology/ TRYPSIN/ WHEAT

5636. **Luthardt FW:** Cytogenetic analysis of oocytes and early preimplantation embryos from XO mice. Dev Biol 54(1):73–81, Nov 76
ANIMAL/ COLCHICINE, pharmacodynamics/ CYTOGENETICS/ *EMBRYO, cytology/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ KARYOTYPING/ MALE/ MATERNAL AGE/ MEIOSIS/ MICE/ MITOSIS/ *OOCYTES, cytology/ OVULATION/ *OVUM, cytology/ *SEX CHROMOSOMES/ SEX RATIO/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5637. **Lutz W:** Ernährung und Risikofaktoren Wien Med Wochenschr 127(7):222–5, 15 Apr 77 **(Ger)**
ADULT/ *ARTERIOSCLEROSIS, prevention & control/ DIABETES MELLITUS, prevention & control/ *DIET, ATHEROGENIC/ DIETARY CARBOHYDRATES/ DIETARY HABITS/ HUMAN/ HYPERTENSION, prevention & control/ OBESITY, prevention & control/ *PROBABILITY/ *RISK

5638. **Lutze G:** Untersuchungen über den Nachweis eines Gerinnungsfaktor VIII- oder IX-Mangels mit Hilfe der partiellen Thromboplastinzeit Folia Haematol (Leipz) 103(6):933–7, 1976 (Eng. Abstr.) **(Ger)**
BLOOD COAGULATION TESTS, methods/ *CHRISTMAS DISEASE, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *HEMOPHILIA, diagnosis/ HUMAN/ THROMBOPLASTIN

5639. **Lutze G:** Präzisionskontrolle bei einer einstufigen Bestimmung des Gerinnungsfaktors VIII im Plasma. Folia Haematol (Leipz) 104(1):109–15, 1977 (Eng. Abstr.) **(Ger)**
*BLOOD COAGULATION TESTS, standards/ BLOOD PRESERVATION/ ENGLISH ABSTRACT/ *FACTOR VIII, analysis/ FREEZING/ HUMAN/ NITROGEN/ *QUALITY CONTROL

5640. **Luyckx AS, Lefebvre PJ:** Effect of somatostatin on metabolic and hormonal changes induced by nicotinic acid in insulin-dependent diabetics. Diabetologia 12(5):447–53, Oct 76
BLOOD SUGAR, metabolism/ *DIABETES MELLITUS, blood/ DIABETES MELLITUS, drug therapy/ DRUG INTERACTIONS/ FATTY ACIDS, NONESTERIFIED, blood/ GLUCAGON, blood/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROCORTISONE, blood/ INSULIN, therapeutic use/ *NICOTINIC ACIDS, pharmacodynamics/ *SOMATOTROPIN RELEASE INHIBITING HORMONE, pharmacodynamics/ SOMATOTROPIN, blood/ TRIGLYCERIDES, pharmacodynamics

5641. **Luzhnikov EA, Ananchenko VG, Bokarev IM, et al:** Znachenie gemostaza v razvitti i lechenii pnevmonii u bol'nykh s ostrymi otravleniiami Sov Med (9):146–8, 1976 **(Rus)**
ACUTE DISEASE/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ *PNEUMONIA, etiology/ PNEUMONIA, prevention & control/ *POISONING, blood

5642. **Luzhnov KV, Luzhnov NP:** Etiologiiia i patogenez ostrogo gemorroia Khirurgiia (Mosk) (5):61–5, May 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ANUS, blood supply/ ANUS, microbiology/ CONSTIPATION, complications/ ENGLISH ABSTRACT/ *HEMORRHOIDS, etiology/ HEMORRHOIDS, microbiology/ HUMAN/ THROMBOSIS, complications

5643. **Luzikov VN, Makhlis TA, Galkin AV:** A probable role of cell proteinases in the biogenesis of mitochondria in yeast. FEBS Lett 69(1):108–10, 15 Oct 76
AEROBIOSIS/ CELL DIVISION/ CYTOCHROMES, metabolism/ MITOCHONDRIA, drug effects/ *MITOCHONDRIA, physiology/ PEPSTATINS, pharmacodynamics/ *PEPTIDE HYDROLASES, physiology/ *SACCHAROMYCES CEREVISIAE, physiology

5644. **Luzikov VN, Makhlis TA, Galkin AV:** O roli kletochnykh proteinaz v biogeneze mitokhondrii Dokl Akad Nauk SSSR 229(3):745–8, 1976 **(Rus)**
AEROBIOSIS/ *BIOGENESIS/ CELL DIFFERENTIATION/ CYTOCHROMES, metabolism/ *MITOCHONDRIA/ OXYGEN CONSUMPTION/ PEPSTATINS, pharmacodynamics/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES, physiology/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ *SACCHAROMYCES CEREVISIAE, enzymology/ SACCHAROMYCES CEREVISIAE, growth & development

5645. **Lwvin GIa:** Vliianie konservanta TsoLIPK no. 7b na fibrinoliticheskuiu aktivnost' kadavernoĭ plazmy? Probl Gematol Pereliv Krovi 21(3):33–5, Mar 76 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION/ CADAVER/ *CITRATES, pharmacodynamics/ DRUG EVALUATION/ ENGLISH ABSTRACT/ *FIBRINOLYSIS, drug effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PLASMA

5646. **Ly B, Evensen SA, Stavem P:** Inhibitor mot faktor VIII hos multitransfunderte hemofilikere. Et funn med varierende terapeutiske konsekvenser Tidsskr Nor Laegeforen 97(12):554–6, 8, 30 Apr 77 (Eng. Abstr.) **(Nor)**
ADOLESCENCE/ ADULT/ *ANTIBODIES/ ANTIBODIES, analysis/ *BLOOD TRANSFUSION/ CHILD/ ENGLISH ABSTRACT/ FACTOR VIII, administration & dosage/ *FACTOR VIII, immunology/ HEMOPHILIA, immunology/ *HEMOPHILIA, therapy/ HUMAN/ MIDDLE AGE

5647. **Lyampert IM, Shuratova SG, Akimova VV, et al:** Common (non-type-specific) antigens of group A streptococci. Infect Immun 17(1):21–7, Jul 77
*ANTIGENS, BACTERIAL, analysis/ *CELL MEMBRANE, immunology/ CROSS REACTIONS/ GEL DIFFUSION TESTS/ IMMUNOELECTROPHORESIS/ POLYSACCHARIDES, BACTERIAL, immunology/ *STREPTOCOCCUS PYOGENES, immunology/ STREPTOCOCCUS PYOGENES,

pathogenicity/ TRYPSIN, pharmacodynamics/ VARIATION (GENETICS)

5648. **Lyddiatt A, Boulter D:** A comparison of cytochrome c from Macrobrachium malcomsonii with other invertebrate cytochromes c. Comp Biochem Physiol [B] 55(3B):337–42, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHYMOTRYPSIN/ COMPARATIVE STUDY/ *CRUSTACEA, enzymology/ *CYTOCHROME C/ PEPTIDE FRAGMENTS, analysis/ PHYLOGENY/ SPECIES SPECIFICITY/ TRYPSIN

5649. **Lynn DJ, Wyman AC, Varma VM:** Influenza A infection simulating pulmonary embolism. JAMA 238(11):1166–8, 12 Sep 77
ADULT/ ANTIBODIES, VIRAL, analysis/ CASE REPORT/ COMPLEMENT FIXATION TESTS/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *INFLUENZA, diagnosis/ LUNG, blood supply/ MIDDLE AGE/ ORTHOMYXOVIRUS TYPE A, HUMAN, immunology/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM, diagnosis/ RADIONUCLIDE IMAGING

5650. **Lyons GD, Lousteau RJ, Mouney DF:** CO2 laser laryngoscopy in a variety of lesions. Laryngoscope 86(11):1658–62, Nov 76
AGED/ *CARBON DIOXIDE/ CARCINOMA IN SITU, surgery/ CASE REPORT/ FEMALE/ FIBROMA, surgery/ HEMANGIOMA, surgery/ HUMAN/ KERATOSIS, surgery/ *LARYNGEAL DISEASES, surgery/ LARYNGEAL NEOPLASMS, surgery/ LARYNGOSCOPY/ *LASER COAGULATION/ LEUKOPLAKIA, surgery/ MALE/ MIDDLE AGE/ POLYPS, surgery/ VOCAL CORDS, surgery

5651. **Lysenkov NV:** Peptidazy preparatov proteoliticheskikh fermentov nekotorykh vidov bakterii, plesnevykh gribov i aktinomitsetov Prikl Biokhim Mikrobiol 12(1):24–9, Jan–Feb 76 (Eng. Abstr.) **(Rus)**
ASPERGILLUS ORYZAE, enzymology/ ASPERGILLUS FLAVUS, enzymology/ BACILLUS SUBTILIS, enzymology/ BACILLUS, enzymology/ COBALT/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ MANGANESE/ *PEPTIDE HYDROLASES, analysis/ PSEUDOMONAS AERUGINOSA, enzymology/ STREPTOMYCES GRISEUS, enzymology

5652. **Lytkin MI, Lebedev LV, Peregudov IG:** Rannie i pozdnie trombozy posle rekonstruktsii briushnoĭ aorty i magistral'nykh arteriĭ Vestn Khir 11(7):42–7, Jul 76 (Eng. Abstr.) **(Rus)**
AORTA, ABDOMINAL, surgery/ *ARTERIES, surgery/ ATHEROSCLEROSIS, surgery/ BLOOD VESSEL PROSTHESIS/ ENDARTERECTOMY/ ENGLISH ABSTRACT/ HUMAN/ ILIAC ARTERY, surgery/ POSTOPERATIVE COMPLICATIONS, etiology/ *POSTOPERATIVE COMPLICATIONS, occurrence/ THROMBOSIS, etiology/ *THROMBOSIS, occurrence/ THROMBOSIS, surgery/ TIME FACTORS

M

5653. **Maak B, Frenzel J:** Antibody neutralizing material of factor VII during the first weeks of life. Eur J Pediatr 125(4):255–8, 12 Aug 77
*ANTIGENS, analysis/ *FACTOR VII, analysis/ HUMAN/ INFANT/ *INFANT, NEWBORN/ NORMAL VALUES

5654. **Maak B, Frenzel J:** The influence of perinatal risk factors on the incidence of atypical coagulation factor VII during the first days of life. Eur J Pediatr 125(4):259–64, 12 Aug 77
AGE FACTORS/ ASPHYXIA NEONATORUM, blood/ CESAREAN SECTION/ *FACTOR VII, analysis/ FACTOR VII, biosynthesis/ FEMALE/ HEMORRHAGIC DISEASE OF NEWBORN, blood/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood/ *LABOR COMPLICATIONS/ PREGNANCY/ RESPIRATORY DISTRESS SYNDROME, blood/ RISK/ UMBILICAL CORD

5655. **Maar K, Böcker R, Stolze T:** Maligne entartetes angiolipoleiomyom der Niere--Renovasographie und Pathohistologie bei Nierenhamartomen Urologe [A] 15(6):297–9, Nov 76 (Eng. Abstr.) **(Ger)**
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HAMARTOMA, radiography/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HUMAN/ KIDNEY NEOPLASMS, pathology/ *KIDNEY NEOPLASMS, radiography/ LEIOMYOMA, pathology/ LEIOMYOMA, radiography/ LIPOMA, pathology/ LIPOMA, radiography/ RENAL VEINS, radiography

5656. **Mac Laurin JP:** Spontaneous streptococcal myositis associated with disseminated intravascular coagulopathy. J Am Osteopath Assoc 76(9):675–8, May 77
ARM/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ MIDDLE AGE/ *MYOSITIS, complications/ *STREPTOCOCCAL INFECTIONS, complications

5657. **Macaione S, De Luca G, Barberi I, et al:** Methionine activating enzyme in various human platelet populations. Ital J Biochem 25(4):320–6, Jul–Aug 76
BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, enzymology/ *CATECHOL METHYLTRANSFERASE, blood/ CENTRIFUGATION, DENSITY GRADIENT/ HUMAN/ *METHIONINE, blood

5658. **McAlpine PJ, Mohandas T, Ray M, et al:** Assignment of the peptidase D gene locus (PEPD) to chromosome 19 in man. Cytogenet Cell Genet 16(1–5):204–5, 1976
CHROMOSOME MAPPING/ *CHROMOSOMES, HUMAN, 19–20/ HUMAN/ HYBRID CELLS, enzymology/ *PEPTIDE HYDROLASES

5659. **McAplpine PJ, Mohandas T, Ray M, et al:** Assignment of the peptidase D gene locus (PEPD) to chromosome 19 in man. Birth Defects 12(7):204–5, 1976
CHROMOSOME MAPPING/ *CHROMOSOMES, HUMAN, 19–20/ *GENES, STRUCTURAL/ HUMAN/ HYBRID CELLS/ *PEPTIDE HYDROLASES

5660. **Macarak EJ, Howard BV, Kefalides NA:** Properties of calf endothelial cells in culture. Lab Invest 36(1):62–7, Jan 77
ANIMAL/ AORTA, analysis/ AORTA, cytology/ AUTORADIOGRAPHY/ CATTLE/ CELL DIVISION/ *CELLS, CULTURED, cytology/ CELLS, CULTURED, physiology/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ DNA, biosynthesis/ *ENDOTHELIUM, cytology/ FACTOR VIII, analysis/ FLUORESCENT ANTIBODY TECHNIC/ METHODS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5661. **MacArthur JD, Johnson JD, Buckingham WB:** Clot watching critique of pulmonary embolism or infarction audits A and B. QRB 2(5):12–22, 28, May 76
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, nursing/ *NURSING AUDIT, standards/ NURSING RECORDS, standards/ *PULMONARY EMBOLISM, nursing

5662. **McBride CM, Hester JP:** Chronic myelogenous leukemia: management of splenectomy in a high-risk population. Cancer 39(2):653–8, Feb 77
ADOLESCENCE/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ FEMALE/ HEMORRHAGE, prevention & control/ HUMAN/ INFANT/ INFECTION, prevention & control/ LEUKEMIA, MYELOCYTIC, drug therapy/ *LEUKEMIA, MYELOCYTIC, surgery/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ RISK/ *SPLENECTOMY, adverse effects/ SPLENECTOMY, mortality/ SPLENECTOMY, methods/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5663. **McCammon JA, Gelin BR, Karplus M:** Dynamics of folded proteins. Nature 267(5612):585–90, 16 Jun 77
BIOPHYSICS/ FOURIER ANALYSIS/

*KALLIKREIN-TRYPSIN INACTIVATOR/ MOLECULAR MODELS/ MOTION/ PROTEIN CONFORMATION/ *PROTEINS/ SOLVENTS/ THERMODYNAMICS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ X-RAY DIFFRACTION

5664. **MacCannell KL, Lederis K, Giraud G:** Effects of urotensin I on afterload redcution by specific dilatation of the mesenteric vascular bed. Proc West Pharmacol Soc 20:143-7, 1977
ANIMAL/ BLOOD PRESSURE, drug effects/ DISEASE MODELS, ANIMAL/ DOGS/ ELECTROCARDIOGRAPHY/ FEMALE/ *FISHES/ MALE/ *MESENTERY, blood supply/ MYOCARDIAL INFARCT, chemically induced/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, physiopathology/ PEPTIDES, pharmacodynamics/ *PEPTIDES, therapeutic use/ REGIONAL BLOOD FLOW, drug effects/ THROMBIN, pharmacodynamics

5665. **McCarthy DM, Nicholson JA, Kim YS:** Alterations in enterkinase, trypsin, and alkaline phosphatase in response to variation in dietary protein content in the rat. J Lab Clin Med 89(1):72-9, Jan 77
*ALKALINE PHOSPHATASE, metabolism/ ANIMAL/ *DIETARY PROTEINS/ *DUODENUM, enzymology/ *ENTEROPEPTIDASE, metabolism/ MUCOUS MEMBRANE, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ RATS/ *TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5666. **McCarthy PG, Shmookler BM, Pierce LE:** Fatal bone-marrow pulmonary emboli in multiple myeloma [letter]. Ann Intern Med 86(3):317-8, Mar 77
AGED/ BONE MARROW CELLS/ CASE REPORT/ HUMAN/ MALE/ *MULTIPLE MYELOMA, complications/ *PULMONARY EMBOLISM, etiology

5667. **McCarty KS Jr, McCarty KS Sr:** Steroid hormone receptors in the regulation of differentiation. A review. Am J Pathol 86(3):705-44, Mar 77 (184 ref.)
ANIMAL/ BIOLOGICAL TRANSPORT/ BREAST NEOPLASMS, drug therapy/ CARCINOMA, drug therapy/ CARRIER PROTEINS, metabolism/ *CELL DIFFERENTIATION/ CELL NUCLEUS, metabolism/ CELL TRANSFORMATION, NEOPLASTIC/ CHROMATIN, metabolism/ CHROMATOGRAPHY, AFFINITY/ CYTOPLASM, metabolism/ DROSOPHILA, metabolism/ HORMONES, metabolism/ HORMONES, therapeutic use/ HUMAN/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LYMPHOMA, drug therapy/ MODELS, BIOLOGICAL/ PHENOTYPE/ PROSTATIC NEOPLASMS, drug therapy/ PROTAMINES, pharmacodynamics/ PROTEIN BINDING/ RECEPTORS, HORMONE, isolation & purification/ *RECEPTORS, HORMONE, metabolism/ RECEPTORS, STEROID, isolation & purification/ *RECEPTORS, STEROID, metabolism/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UTERINE NEOPLASMS, drug therapy

5668. **Maccia CA, Gallagher JS, Ataman G, et al:** Platelet thrombopathy in asthmatic patients with elevated immunoglobulin e. J Allergy Clin Immunol 59(2):101-8, Feb 77
ADENOSINE DIPHOSPHATE, diagnostic use/ ADOLESCENCE/ ADULT/ AGED/ AMINOPHYLLINE, blood/ *ASTHMA, blood/ ASTHMA, immunology/ CATECHOLAMINES, urine/ COLLAGEN, diagnostic use/ EPINEPHRINE, diagnostic use/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ *IGE, analysis/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 4, analysis/ RADIOALLERGOSORBENT TEST/ RESPIRATORY FUNCTION TESTS/ SEROTONIN, metabolism/ SKIN TESTS/ THROMBIN, diagnostic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5669. **McClay DR:** Kinetic approaches to embryonic cell adhesion. pp. 187-200.
In: Ebert JD, Marois M, ed. Tests of teratogenicity in vitro. Amsterdam, North-Holland Publ, 1976. QS 675 I593t 1975.
ABNORMALITIES, embryology/ ANIMAL/ *CELL ADHESION/ CELL AGGREGATION/ CYTOLOGICAL TECHNICS/ IN VITRO/ MONOGRAPH/ PORIFERA, embryology/ RETINA, embryology/ TEMPERATURE/ TRYPSIN

5670. **McClellan MA, Alexander JW:** The opsonic activity of stored blood. Transfusion 17(3):227-32, May-Jun 77
*BLOOD PRESERVATION/ COMPLEMENT 3, metabolism/ COMPLEMENT/ ESCHERICHIA COLI, immunology/ HUMAN/ *OPSONINS/ PHAGOCYTOSIS/ PSEUDOMONAS AERUGINOSA, immunology

5671. **McClure PD:** Idiopathic thrombocytopenic purpura in children: should corticosteroids be given? Am J Dis Child 131(3):357-9, Mar 77
ADRENAL CORTEX HORMONES, pharmacodynamics/ *ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBODY FORMATION, drug effects/ CHILD/ HEMORRHAGE, complications/ HUMAN/ PHAGOCYTOSIS, drug effects/ PURPURA, THROMBOPENIC, complications/ *PURPURA, THROMBOPENIC, drug therapy

5672. **McConnell I, Lachmann PJ:** Complement receptors and cell associated complement components. Immunol Commun 6(2):111-32, 1977 (63 ref.)
ANIMAL/ ANTIBODY FORMATION/ BINDING SITES, ANTIBODY/ BLOOD PLATELETS, immunology/ CELL LINE/ COMPLEMENT 1, metabolism/ COMPLEMENT 3, metabolism/ COMPLEMENT 4, metabolism/ COMPLEMENT 5, metabolism/ COMPLEMENT 8, metabolism/ *COMPLEMENT, metabolism/ ERYTHROCYTES, immunology/ HUMAN/ *IMMUNITY, CELLULAR/ LYMPHOCYTES, immunology/ PHAGOCYTES, immunology/ PRIMATES/ RABBITS/ REVIEW/ T-LYMPHOCYTES, immunology/ TRYPANOSOMA CRUZI, immunology

5673. **McCort JJ:** Intraperitoneal and retroperitoneal hemorrhage. Radiol Clin North Am 14(3):391-405, Dec 76
ADENOCARCINOMA, complications/ ADRENAL GLANDS, injuries/ ANTICOAGULANTS, adverse effects/ AORTA, ABDOMINAL/ AORTIC ANEURYSM, complications/ BLADDER, injuries/ FEMALE/ FRACTURES, complications/ HEMANGIOMA, complications/ HEMOPERITONEUM, etiology/ *HEMOPERITONEUM, radiography/ HEMOPHILIA, complications/ HUMAN/ KIDNEY DISEASES, complications/ KIDNEY NEOPLASMS, complications/ KIDNEY, injuries/ LIPOMA, complications/ LIVER NEOPLASMS, complications/ MALE/ PANCREATIC DISEASES, complications/ PELVIC BONES, injuries/ PERIARTERITIS NODOSA, complications/ PREGNANCY/ PREGNANCY, ECTOPIC, complications/ SPLENIC RUPTURE, complications

5674. **McCreary RH, Moertel CG, Schutt AJ, et al:** A phase II study of triazinate (NSC 139105) in advanced colorectal carcinoma. Cancer 40(1):9-13, Jul 77
*ADENOCARCINOMA, drug therapy/ ADENOCARCINOMA, immunology/ ADULT/ AGED/ *COLONIC NEOPLASMS, drug therapy/ COLONIC NEOPLASMS, immunology/ DERMATITIS MEDICAMENTOSA, etiology/ DIARRHEA, chemically induced/ FEMALE/ FOLIC ACID ANTAGONISTS, adverse effects/ *FOLIC ACID ANTAGONISTS, therapeutic use/ HUMAN/ IMMUNOGLOBULINS, analysis/ LEUKOPENIA, chemically induced/ LYMPHOCYTE TRANSFORMATION/ MALE/ MIDDLE AGE/ NAUSEA, chemically induced/ *RECTAL NEOPLASMS, drug therapy/ RECTAL NEOPLASMS, immunology/ SKIN TESTS/

STOMATITIS, chemically induced/ THROMBOPENIA, chemically induced/ TRIAZINES, adverse effects/ *TRIAZINES, therapeutic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5675. **McCredie KB:** Platelet and granulocyte transfusion therapy. Postgrad Med 62(2):151–3, Aug 77
ABO BLOOD-GROUP SYSTEM/ *BLOOD PLATELETS, transplantation/ *BLOOD TRANSFUSION/ *GRANULOCYTES, transplantation/ HL-A/ HUMAN/ *LEUKOCYTES, transplantation

5676. **McCulloch JA:** Chemonucleolysis. J Bone Joint Surg [Br] 59(1):45–52, Feb 77
ADULT/ BACKACHE, drug therapy/ CHYMOPAPAIN, adverse effects/ *CHYMOPAPAIN, pharmacodynamics/ CHYMOPAPAIN, therapeutic use/ DERMATITIS, CONTACT, etiology/ FEMALE/ HUMAN/ *INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ *INTERVERTEBRAL DISK, drug effects/ *LUMBAR VERTEBRAE, drug effects/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ POSTOPERATIVE CARE/ PROSPECTIVE STUDIES/ RECURRENCE/ *SPINAL DISEASES, drug therapy

5677. **McCullough J:** Liquid preservation of granulocytes for transfusion. Prog Clin Biol Res 13:185–91, 1977
*ANTICOAGULANTS/ BLOOD BACTERICIDAL ACTIVITY/ *BLOOD PRESERVATION, methods/ BLOOD TRANSFUSION/ CELL SEPARATION, methods/ CHEMOTAXIS, LEUKOCYTE/ COMPARATIVE STUDY/ *GRANULOCYTES/ GRANULOCYTES, physiology/ GRANULOCYTES, transplantation/ HALF-LIFE/ HUMAN/ *LEUKOCYTES/ LEUKOCYTES, transplantation/ OXYGEN CONSUMPTION/ PHAGOCYTOSIS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5678. **McCurdy PR:** Blood component therapy. Giving what the patient needs. Postgrad Med 62(2):143–7, Aug 77
ANEMIA, therapy/ BLOOD PROTEINS/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ BLOOD VOLUME/ ERYTHROCYTES, transplantation/ FACTOR VIII/ FREEZING/ HEMATOCRIT/ HEMOLYSIS/ HEMORRHAGE, therapy/ HEPATITIS, etiology/ HUMAN/ SERUM ALBUMIN

5679. **McDanal JT, McNamara JJ:** Pulmonary and systemic effects of stored vs fresh blood in traumatized, shocked baboons. Surg Forum 27(62):178–9, 1976
ANIMAL/ BABOONS/ BLOOD GAS ANALYSIS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ *HEMODYNAMICS/ MONKEYS/ *RESPIRATORY INSUFFICIENCY, etiology/ *SHOCK, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5680. **Mcdonagh J, Waggoner WG, Hamilton EG, et al:** Affinity chromatography of human plasma and platelet factor XIII on organomercurial agarose. Biochim Biophys Acta 446(2):345–57, 28 Oct 76
AMINO ACIDS, analysis/ *BLOOD PLATELETS, analysis/ CHROMATOGRAPHY, AFFINITY/ *FACTOR XIII, isolation & purification/ HUMAN/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ ORGANOMERCURY COMPOUNDS/ PROTEIN BINDING/ SEPHAROSE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5681. **MacDonald R:** Red cell 2,3-diphosphoglycerate and oxygen affinity. Anaesthesia 32(6):544–53, Jun 77 (77 ref.)
ACID-BASE IMBALANCE, metabolism/ ANESTHESIA/ ANOXEMIA, metabolism/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ *DIPHOSPHOGLYCERIC ACIDS, metabolism/ *ERYTHROCYTES, metabolism/ HEMOGLOBINOPATHIES, metabolism/ HUMAN/ *OXYGEN, blood/ OXYHEMOGLOBIN, metabolism/ PHOSPHATES, blood/ REVIEW/ SICKLE CELL TRAIT, therapy/ SURGERY, OPERATIVE

5682. **McDonald TO, Britton B, Brogmann AR, et al:** Biocompatibility and bioabsorption of microfibrillar collagen hemostat in experimental animals. Toxicology 7(1):37–44, Feb 77
ABSORPTION/ ADHESIONS, chemically induced/ ANIMAL/ BIOCOMPATIBLE MATERIALS/ BRAIN, drug effects/ CICATRIX, chemically induced/ COLLAGEN, adverse effects/ COLLAGEN, metabolism/ *COLLAGEN, pharmacodynamics/ COMPARATIVE STUDY/ DOGS/ FEMALE/ GELFOAM, metabolism/ GRANULATION TISSUE, drug effects/ *HEMOSTATICS, metabolism/ KIDNEY, drug effects/ LIVER, drug effects/ MALE/ RABBITS/ TIME FACTORS

5683. **McDonald TP:** A comparison of platelet size, latelet count, and platelet 35S incorporation as assays for thrombopoietin. Br J Haematol 34(2):257–67, Oct 76
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, metabolism/ COMPARATIVE STUDY/ *GLYCOPROTEINS, analysis/ IMMUNE SERUMS, administration & dosage/ INJECTIONS, INTRAPERITONEAL/ MALE/ MICE/ MICE, INBRED C3H/ SODIUM CHLORIDE, administration & dosage/ *SULFUR RADIOISOTOPES, analysis/ THROMBOPOIETIN, administration & dosage/ *THROMBOPOIETIN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5684. **McDonald TP, Clift R, Jones JB:** Canine cyclic hematopoiesis: platelet size and thrombopoietin level in relation to platelet count. Proc Soc Exp Biol Med 153(3):424–8, Dec 76
ANIMAL/ *BLOOD CELL COUNT/ *BLOOD PLATELETS, cytology/ CELL SURVIVAL/ DOGS/ *GLYCOPROTEINS, analysis/ *HEMATOPOIESIS/ PERIODICITY/ SYNDROME/ *THROMBOPOIETIN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5685. **McDonald TP:** Assays for thrombopoietin. Scand J Haematol 18(1):5–12, Jan 77 (52 ref.)
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, physiology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *GLYCOPROTEINS, analysis/ HEMATOPOIESIS/ IMMUNOASSAY/ MEGAKARYOCYTES, physiology/ MICE/ RABBITS/ REVIEW/ SELENOMETHIONINE, diagnostic use/ SULFUR RADIOISOTOPES, diagnostic use/ THROMBOPENIA/ *THROMBOPOIETIN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5686. **McDonald TP:** Effects of different routes of administration and injection schedules of thrombopoietin on 35s incorporation into platelets of assay mice. Proc Soc Exp Biol Med 155(1):4–7, May 77
ANIMAL/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ *GLYCOPROTEINS, administration & dosage/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ MALE/ MICE/ *SULFUR, metabolism/ *THROMBOPOIETIN, administration & dosage/ THROMBOPOIETIN, pharmacodynamics

5687. **McDonald TP, Green D:** Demonstration of thrombopoietin production after plasma infusion in a patient with congenital thrombopoietin deficiency [letter] Thromb Haemostas 37(3):577–9, 30 Jun 77
ANIMAL/ BLOOD PLATELET DISORDERS, drug therapy/ *BLOOD PLATELET DISORDERS, pathology/ *GLYCOPROTEINS, biosynthesis/ MICE/ RABBITS/ *THROMBOPOIETIN, biosynthesis/ THROMBOPOIETIN, therapeutic use

5688. **McDonald TP, Cottrell M, Clift R:** Hematologic changes and thrombopoietin production in mice after X-irradiation and platelet-specific antisera. Exp Hematol 5(4):291–8,

1977
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, immunology/ *BLOOD PLATELETS, radiation effects/ ERYTHROCYTE COUNT/ *GLYCOPROTEINS/ GLYCOPROTEINS, analysis/ IMMUNE SERUMS/ LEUKOCYTE COUNT/ MICE/ THROMBOPENIA, blood/ THROMBOPENIA, etiology/ THROMBOPENIA, immunology/ *THROMBOPOIETIN/ THROMBOPOIETIN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5689. **McDonough MW, Ganley JV:** Conservative management of joint degeneration associated with bleeding disorder. J Am Podiatry Assoc 66(10):784–5, Oct 76
*ANKLE JOINT/ CASE REPORT/ CHILD, PRESCHOOL/ EXERTION/ HUMAN/ HYDROTHERAPY/ *JOINT DISEASES, etiology/ JOINT DISEASES, therapy/ MALE/ *VON WILLEBRAND'S DISEASE, complications

5690. **McEwan HP:** The management of the menopause. Scott Med J 22(1):7–12, Jan 77
ADULT/ CARCINOGENESIS, chemically induced/ CLIMACTERIC, drug effects/ ESTROGENS, adverse effects/ *ESTROGENS, therapeutic use/ ESTRONE, therapeutic use/ FEMALE/ HUMAN/ *MENOPAUSE/ MENOPAUSE, drug effects/ PREGNANCY/ PROGESTERONE, therapeutic use/ PSYCHOLOGY/ THROMBOPHLEBITIS, chemically induced/ TIME FACTORS/ TRANQUILIZING AGENTS, therapeutic use

5691. **MacEwen EG, Hurvitz AI:** Diagnosis and management of monoclonal gammopathies. Vet Clin North Am 7(1):119–32, Feb 77
ANIMAL/ BENCE JONES PROTEIN, blood/ BLOOD VISCOSITY/ *CAT DISEASES/ CAT DISEASES, diagnosis/ CAT DISEASES, drug therapy/ CATS/ *DOG DISEASES/ DOG DISEASES, diagnosis/ DOG DISEASES, drug therapy/ DOGS/ HEMORRHAGIC DIATHESIS, veterinary/ HYPERCALCEMIA, veterinary/ *HYPERGAMMAGLOBULINEMIA, veterinary/ KIDNEY DISEASES, veterinary/ LYMPHOSARCOMA, veterinary/ MACROGLOBULINEMIA, veterinary/ MELPHALAN, therapeutic use/ MULTIPLE MYELOMA, diagnosis/ MULTIPLE MYELOMA, drug therapy/ MULTIPLE MYELOMA, veterinary

5692. **MacEwen EG, Hurvitz AI, Hayes A:** Hyperviscosity syndrome associated with lymphocytic leukemia in three dogs. J Am Vet Med Assoc 170(11):1309–12, 1 Jun 77
ANIMAL/ BLOOD VISCOSITY/ CASE REPORT/ CHLORAMBUCIL, therapeutic use/ *DOG DISEASES/ DOG DISEASES, blood/ DOG DISEASES, drug therapy/ DOGS/ *IGA/ *IGM/ LEUKEMIA, LYMPHOCYTIC, blood/ LEUKEMIA, LYMPHOCYTIC, drug therapy/ *LEUKEMIA, LYMPHOCYTIC, veterinary/ MACROGLOBULINEMIA, blood/ MACROGLOBULINEMIA, drug therapy/ *MACROGLOBULINEMIA, veterinary/ MALE/ PREDNISONE, therapeutic use/ VINCRISTINE, therapeutic use

5693. **McFarland MB:** Fat embolism syndrome. Am J Nurs 76(12):1942–4, Dec 76
ADULT/ *EMBOLISM, FAT, complications/ EMBOLISM, FAT, diagnosis/ EMBOLISM, FAT, therapy/ HUMAN/ MALE/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, etiology/ *RESPIRATORY DISTRESS SYNDROME, ADULT, etiology/ RESPIRATORY DISTRESS SYNDROME, ADULT, therapy/ SYNDROME

5694. **McGee MP, Myrvik QN:** Hydrolase levels in necrotizing and non-necrotizing BCG-induced pulmonary granulomas. J Reticuloendothel Soc 20(3):187–95, Sep 76
ACID PHOSPHATASE, metabolism/ ANIMAL/ *BCG VACCINE/ GLUCURONIDASE, metabolism/ *GRANULOMA, enzymology/ GRANULOMA, pathology/ *HYDROLASES, metabolism/ *LUNG DISEASES, enzymology/ LUNG DISEASES, pathology/ *LUNG, enzymology/ MACROPHAGES, enzymology/ NECROSIS/ PEPTIDE HYDROLASES, metabolism/ RABBITS/ *TUBERCULOSIS VACCINES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5695. **McGiff JC:** Bartter's syndrome results from an imbalance of vasoactive hormones. Ann Intern Med 87(3):369–72, Sep 77
ANGIOTENSIN, secretion/ BARTTER'S DISEASE, drug therapy/ BARTTER'S DISEASE, etiology/ BARTTER'S DISEASE, metabolism/ *BARTTER'S DISEASE, physiopathology/ CHLORIDES, metabolism/ HUMAN/ *HYPERALDOSTERONISM, physiopathology/ INDOMETHACIN, pharmacodynamics/ INDOMETHACIN, therapeutic use/ KALLIKREIN, secretion/ KIDNEY, metabolism/ *KIDNEY, physiopathology/ PROSTAGLANDINS E, physiology/ PROSTAGLANDINS, metabolism/ RENIN, secretion/ SODIUM, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5696. **McGouran RC, Emmerson GA:** Symmetrical peripheral gangrene. Br Heart J 39(5):569–72, May 77
AGED/ CASE REPORT/ FEMALE/ *GANGRENE, etiology/ GANGRENE, pathology/ HEART ATRIUM, pathology/ *HEART NEOPLASMS, complications/ HUMAN/ *LEIOMYOSARCOMA, complications/ MIDDLE AGE/ *THROMBOSIS, complications

5697. **McGrath MA, Penny R:** Paraproteinemia: blood hyperviscosity and clinical manifestations. J Clin Invest 58(5):1155–62, Nov 76
*BLOOD VISCOSITY/ HEMATOCRIT/ HUMAN/ IGA/ IGG/ IGM/ *PARAPROTEINEMIAS, blood/ PARAPROTEINS/ PLASMA VOLUME

5698. **MacGregor D, Saunders EF, Barkin M, et al:** Successful epsilon-aminocaproic acid therapy in a patient with unexplained hematuria. Clin Pediatr (Phila) 16(2):167–8, Feb 77
ADOLESCENCE/ *AMINOCAPROIC ACIDS, therapeutic use/ CASE REPORT/ FEMALE/ *HEMATURIA, therapy/ HUMAN/ INJECTIONS, INTRAVENOUS/ 6-AMINOCAPROIC ACID, administration & dosage/ *6-AMINOCAPROIC ACID, therapeutic use

5699. **MacGregor I, Parent J, Meyer JH:** Gastric emptying of liquid meals and pancreatic and biliary secretion after subtotal gastrectomy or truncal vagotomy and pyloroplasty in man. Gastroenterology 72(2):195–205, Feb 77
ADULT/ BILE ACIDS AND SALTS, secretion/ *BILE DUCTS, secretion/ CHOLECYSTOKININ, secretion/ DUODENUM, surgery/ FOOD/ *GASTRECTOMY/ GASTROSTOMY/ HUMAN/ JEJUNUM, surgery/ MALE/ MIDDLE AGE/ *PANCREAS, secretion/ POLYETHYLENE GLYCOLS, metabolism/ *PYLORUS, surgery/ *STOMACH, physiology/ *TRYPSIN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VAGOTOMY

5700. **MacGregor RR, Chu LL, Cohn DV:** Conversion of proparathyroid hormone to parathyroid hormone by a particulate enzyme of the parathyroid gland. J Biol Chem 251(21):6711–6, 10 Nov 76
ANIMAL/ CATTLE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *PARATHYROID GLANDS, enzymology/ *PARATHYROID HORMONE, biosynthesis/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN PRECURSORS/ SUBCELLULAR FRACTIONS, enzymology/ TRYPSIN, metabolism

5701. **Machan FG:** Das Shwartzman-Sanarelli-Phänomen in der chirurgischen Praxis Z Aerztl Fortbild (Jena) 70(6):296–8, 15 Mar 76 **(Ger)**
ADULT/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ FEVER, etiology/ HUMAN/ NECROSIS/ SHWARTZMAN PHENOMENON, diagnosis/ *SHWARTZMAN PHENOMENON, surgery

5702. **Macheret EL, Zozulia IS:** Elektroentsefalografiia, reoentsefalografiia i ekhoentsefalografiia v diagnostike

ostroĭ zakrytoĭ cherepno-mozgovoĭ Klin Khir (1):52-4, Jan 76 **(Rus)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ *BRAIN CONCUSSION, diagnosis/ *CEREBRAL HEMORRHAGE, diagnosis/ CEREBROVASCULAR CIRCULATION/ ECHOENCEPHALOGRAPHY/ ELECTROENCEPHALOGRAPHY/ FEMALE/ *HEAD INJURIES, diagnosis/ HEMATOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ PLETHYSMOGRAPHY, IMPEDANCE

5703. **Machlin LJ, Filipski R, Nelson J, et al:** Effects of a prolonged vitamin E deficiency in the rat. J Nutr 107(7):1200-8, Jul 77
AGE FACTORS/ ANEMIA, etiology/ ANIMAL/ ASCORBIC ACID, metabolism/ FEMALE/ KYPHOSIS, etiology/ MALE/ MUSCULAR DISEASES, etiology/ NECROSIS/ NERVOUS SYSTEM DISEASES, etiology/ *RATS, metabolism/ SCOLIOSIS, etiology/ SKIN ULCER, etiology/ THROMBOCYTOSIS, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN E DEFICIENCY/ VITAMIN E DEFICIENCY, complications/ VITAMIN E DEFICIENCY, metabolism/ VITAMIN E DEFICIENCY, pathology

5704. **Machovich R:** Effect of calcium phosphate on thrombin and on its sensitivity to heparin and antithrombin-III. Thromb Res 9(2):123-31, Aug 76
ANIMAL/ *ANTITHROMBINS, blood/ ARTERIOSCLEROSIS, blood/ CALCIUM CHLORIDE, blood/ *CALCIUM PHOSPHATES, blood/ ENZYME ACTIVATION/ HEPARIN, blood/ HUMAN/ IN VITRO/ PROTEIN BINDING/ *THROMBIN, metabolism/ THROMBOSIS, blood

5705. **Machovich R, Blaskó G, Borsodi A:** Inactivation of alpha- and beta- thrombin by antithrombin-III and heparin. Thromb Haemostas 36(3):503-8, 31 Dec 76
*ALPHA GLOBULINS, pharmacodynamics/ COMPARATIVE STUDY/ DRUG STABILITY/ HEAT/ *HEPARIN CO-FACTOR, pharmacodynamics/ *HEPARIN, pharmacodynamics/ HUMAN/ *THROMBIN, antagonists & inhibitors

5706. **Maciejasz A, Grządzielska E:** Oznaczanie produktów degradacji fibrynogenu w zakrzepie zyły środkowej siatkówki i niektórych innych chorobach układu wzrokowego Klin Oczna 46(12):1415-9, 1976 (Eng. Abstr.) **(Pol)**
DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ENGLISH ABSTRACT/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HUMAN/ *RETINAL VEIN/ *THROMBOPHLEBITIS, blood

5707. **McIlmoyle G, Davis HH, Welch MJ, et al:** Scintigraphic diagnosis of experimental pulmonary embolism with In-111-labeled platelets. JNM 18(9):910-4, Sep 77
ANIMAL/ *BLOOD PLATELETS/ DOGS/ FEMALE/ *INDIUM, diagnostic use/ *PULMONARY EMBOLISM, diagnosis/ RADIOISOTOPES, diagnostic use/ *RADIONUCLIDE IMAGING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5708. **McIntire LV:** Rheology and blood coagulation. Br J Haematol 36(3):299-304, Jul 77 (32 ref.)
BLOOD COAGULATION TESTS, instrumentation/ *BLOOD COAGULATION/ REVIEW/ *RHEOLOGY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5709. **McIntosh RM, Ozawa T, Persoff M, et al:** Nephropathy associated with Gardner-Diamond syndrome. Autologous erythrocyte antigen-antibody immune-complex disease. N Engl J Med 296(22):1265-7, 2 Jun 77
ADULT/ *AUTOIMMUNE DISEASES, complications/ CASE REPORT/ CRYOGLOBULINS, immunology/ *ERYTHROCYTES, immunology/ FEMALE/ *GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, immunology/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ *IMMUNE COMPLEX DISEASE, complications/ PSYCHOPHYSIOLOGIC DISORDERS, complications/ *PURPURA, complications/ PURPURA, immunology/ RHEUMATOID FACTOR, analysis/ SYNDROME/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5710. **MacIntyre DE, Grainge CA, Drummond AH, et al:** Effect of thio reagents on platelet transport processes and responses to stimuli. Biochem Pharmacol 26(4):319-23, 15 Feb 77
ADENINE, blood/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE, blood/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ COLLAGEN, pharmacodynamics/ HUMAN/ IN VITRO/ PLATELET AGGREGATION, drug effects/ SEROTONIN, blood/ STIMULATION, CHEMICAL/ *SULFHYDRYL REAGENTS, pharmacodynamics

5711. **MacIntyre DE:** Selective inhibition of platelet responses to bisenoic prostaglandins [proceedings] Br J Pharmacol 60(2):293P-294P, Jun 77
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ HUMAN/ IN VITRO/ *ORGANOPHOSPHORUS COMPOUNDS, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ *PROSTAGLANDIN ANTAGONISTS/ *PROSTAGLANDIN ANTAGONISTS, pharmacodynamics/ SEROTONIN, blood

5712. **Macintyre IM, Webber RG, Crispin JR, et al:** Plasma fibrinolysis and postoperative deep vein thrombosis. Br J Surg 63(9):694-7, Sep 76
FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRIN, analysis/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, blood/ SERUM GLOBULINS, analysis/ *THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, etiology/ TIME FACTORS

5713. **McIntyre KM, Sasahara AA:** The ratio of pulmonary arterial pressure to pulmonary vascular obstruction: index of preembolic cardiopulmonary status. Chest 71(6):692-7, Jun 77
ADULT/ AGED/ *BLOOD PRESSURE/ DIAGNOSIS, DIFFERENTIAL/ *HEART DISEASES, complications/ HEART DISEASES, physiopathology/ HEMODYNAMICS/ HUMAN/ *LUNG DISEASES, OBSTRUCTIVE, complications/ LUNG DISEASES, OBSTRUCTIVE, physiopathology/ MALE/ MIDDLE AGE/ *PULMONARY ARTERY, physiology/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, physiopathology/ *PULMONARY EMBOLISM, radiography

5714. **McKay DG:** Disseminated intravascular coagulation and experimental disease models in pregnancy. Perspect Nephrol Hypertens 5:401-9, 1976
ADRENAL GLANDS, pathology/ ANIMAL/ DIET/ DIETARY FATS/ *DISEASE MODELS, ANIMAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ECLAMPSIA, etiology/ ECLAMPSIA, pathology/ ENDOTOXINS/ FEMALE/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ PLACENTA, pathology/ PREGNANCY/ RATS/ UTERUS, pathology/ VITAMIN E

5715. **McKee LC Jr:** Thromboelastographic distinction of malignant and benign breast masses. South Med J 70(7):773, Jul 77
BLOOD COAGULATION/ *BREAST NEOPLASMS, diagnosis/ FEMALE/ HUMAN/ *THROMBELASTOGRAPHY

5716. **McKee PA:** Fibrin formation and dissolution. pp. 239-61.

In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (53 ref.)
BINDING SITES/ FACTOR XIII, metabolism/ *FIBRIN, biosynthesis/ FIBRINOGEN, metabolism/ HUMAN/ MACROMOLECULAR SYSTEMS/

MOLECULAR WEIGHT/ MONOGRAPH/ *PEPTIDE HYDROLASES, blood/ PROTEIN BINDING/ REVIEW/ SOLUBILITY

5717. **McKeehan WL, Ham RG:** Stimulation of clonal growth of normal fibroblasts with substrata coated with basic polymers. J Cell Biol 71(3):727–34, Dec 76
BLOOD PROTEINS/ CELL ADHESION/ *CELL DIVISION/ CELL LINE/ *CLONE CELLS, physiology/ COLLAGEN/ GELATIN/ HISTONES/ *PEPTIDES/ *POLYLYSINE/ *POLYMERS/ PROTAMINES/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5718. **McKelvy B, Satinover F, Sanders B:** Idiopathic thrombocytopenic purpura manifesting as gingival hypertrophy: case report. J Periodontol 47(11):661–3, Nov 76
ADULT/ CASE REPORT/ FEMALE/ *GINGIVAL HYPERTROPHY, etiology/ GINGIVAL HYPERTROPHY, pathology/ HUMAN/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, pathology

5719. **McKelvy JF:** Biosynthesis of hypothalamic peptides. Adv Exp Med Biol 87:77–98, 1977 (42 ref.)
AMINO ACYL T RNA SYNTHETASES, metabolism/ ANIMAL/ *HORMONES, biosynthesis/ *HYPOTHALAMUS, metabolism/ LH-FSH RELEASING HORMONE, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, biosynthesis/ PEPTIDYL TRANSFERASES, metabolism/ REVIEW/ RIBOSOMES, metabolism/ RNA, MESSENGER, metabolism/ TEMPLATES/ THYROTROPIN RELEASING HORMONE, biosynthesis/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5720. **McKenna R, Bachmann F, Kaushal SP, et al:** Thromboembolic disease in patients undergoing total knee replacement. J Bone Joint Surg [Am] 58(7):928–32, Oct 76
AGED/ ASPIRIN, therapeutic use/ FIBRINOGEN, metabolism/ HUMAN/ *JOINT PROSTHESIS/ *KNEE JOINT, surgery/ MIDDLE AGE/ PHLEBOGRAPHY/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSPECTIVE STUDIES/ RADIONUCLIDE IMAGING/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, occurrence/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5721. **McKenzie JM:** Evaluation of the hazards of sickle trait in aviation. Aviat Space Environ Med 48(8):753–62, Aug 77
ADULT/ *ANEMIA, SICKLE CELL/ ANEMIA, SICKLE CELL, complications/ ANOXIA, complications/ *AVIATION MEDICINE/ BLOOD PROTEINS/ CARRIER STATE/ CASE REPORT/ DEATH, SUDDEN/ DIPHOSPHOGLYCERIC ACIDS, physiology/ ERYTHROPOIESIS, drug effects/ FEMALE/ HEMOGLOBIN A/ HEMOGLOBIN, SICKLE/ HEMOSTASIS/ HUMAN/ KIDNEY CONCENTRATING ABILITY/ RISK/ *SICKLE CELL TRAIT

5722. **MacKenzie MR, Lee TK:** Blood viscosity in Waldenström macroglobulinemia. Blood 49(4):507–10, Apr 77
*BLOOD VISCOSITY/ CEREBRAL CORTEX, pathology/ COMA, etiology/ HEMATOCRIT/ HUMAN/ IGM, analysis/ *MACROGLOBULINEMIA, blood/ MACROGLOBULINEMIA, complications/ UNCONSCIOUSNESS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5723. **Mckerns KW, Ryschkewitsch W:** Regulation of RNA synthesis in corpora lutea nucleic by luteinizing hormone and derivatives. Biochim Biophys Acta 454(1):51–4, 12 Nov 76
ANIMAL/ CATTLE/ CELL NUCLEUS, drug effects/ *CELL NUCLEUS, metabolism/ CHYMOTRYPSIN/ CORPUS LUTEUM, drug effects/ *CORPUS LUTEUM, metabolism/ ENZYME ACTIVATION, drug effects/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLUCOSEPHOSPHATES, metabolism/ *LH, analogs & derivatives/ *LH, pharmacodynamics/ OROTIC ACID, metabolism/ PEPTIDE FRAGMENTS, pharmacodynamics/ PREGNANCY/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRANSCRIPTION, GENETIC, drug effects/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5724. **Mackie GA:** Evidence for a precursor-product relationship in the biosynthesis of ribosomal protein S20. Biochemistry 16(7):1391–8, 5 Apr 77
CHYMOTRYPSIN/ *ESCHERICHIA COLI, metabolism/ KINETICS/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ *RIBOSOMAL PROTEINS, biosynthesis/ RNA, RIBOSOMAL, metabolism/ SPECIES SPECIFICITY/ TEMPERATURE/ TRANSLATION, GENETIC/ TRYPSIN

5725. **Mackie I, Howarth D, Brozovic M:** Antithrombin III immunoprecipitation pattern. Thromb Res 10(1):159–62, Jan 77
ANTICOAGULANTS, adverse effects/ *ANTITHROMBINS, isolation & purification/ HUMAN/ *IMMUNOELECTROPHORESIS/ *IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ PROTHROMBIN, metabolism

5726. **McKusick VA:** Osler as a medical geneticist. Johns Hopkins Med J 139(4):163–74, Oct 76
ADOLESCENCE/ ALKAPTONURIA, familial & genetic/ ALKAPTONURIA, history/ AMYOTROPHIC LATERAL SCLEROSIS, familial & genetic/ AMYOTROPHIC LATERAL SCLEROSIS, history/ ANGIONEUROTIC EDEMA, familial & genetic/ ANGIONEUROTIC EDEMA, history/ CHILD/ CORONARY DISEASE, familial & genetic/ CORONARY DISEASE, history/ ECCENTROOSTEOCHONDRODYSPLASIA, familial & genetic/ ECCENTROOSTEOCHONDRODYSPLASIA, history/ FEMALE/ *GENETICS, history/ GENETICS, HUMAN/ HEMOPHILIA, familial & genetic/ HEMOPHILIA, history/ HEREDITARY DISEASES, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HUMAN/ MALE/ MASSACHUSETTS/ QUEBEC/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, familial & genetic/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, history

5727. **McLaughlin J, Faubert G:** Partial purification and some properties of a neutral sulfhydryl and an acid proteinase from Entamoeba histolytica. Can J Microbiol 23(4):420–5, Apr 77
ANIMAL/ AZO COMPOUNDS, metabolism/ CASEIN, metabolism/ *ENTAMOEBA HISTOLYTICA, enzymology/ HEMOGLOBINS, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SERUM ALBUMIN, metabolism

5728. **Maclean CJ, Morton NE, Elston RC, et al:** Skewness in commingled distributions. Biometrics 32(3):695–9, Sep 76
*BIOMETRY/ BLOOD COAGULATION FACTORS/ GENES/ GENETICS, POPULATION/ HUMAN/ *POPULATION/ *STATISTICS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5729. **McLean DR, Nihei T:** Uptake of dopamine and 5-hydroxytryptamine by platelets from patients with Huntington's chorea. Lancet 1(8005):249–50, 29 Jan 77
ADULT/ *BLOOD PLATELETS, metabolism/ *DOPAMINE, blood/ DOPAMINE, metabolism/ FEMALE/ HUMAN/ *HUNTINGTON CHOREA, blood/ MALE/ MIDDLE AGE/ *SEROTONIN, blood/ SEROTONIN, metabolism

5730. **McLean JA:** Blood diseases in old age.

Aust Fam Physician 6(1):12–3, 16, Jan 77
AGE FACTORS/ AGED/ ANEMIA/ *HEMATOLOGIC DISEASES/ HEMORRHAGIC DIATHESIS/ HUMAN/ LEUKEMIA/ LYMPHOMA/ MIDDLE AGE/ MULTIPLE MYELOMA/ POLYCYTHEMIA VERA

5731. **MacLellan DG:** Intravenous naftidrofuryl [letter] Br Med J 2(6081):267, 23 Jul 77
*FURANS, adverse effects/ HUMAN/ INFUSIONS, PARENTERAL/ *NAFRONYL, adverse effects/ THROMBOPHLEBITIS, chemically induced

5732. **MacLennan DH, Khanna VK, Stewart PS:** Restoration of calcium transport in the trypsin-treated (Ca+ + Mg2+)-dependent adenosine triphosphatase of sarcoplasmic reticulum exposed th sodium dodecyl sulfate. J Biol Chem 251(22):7271–4, 25 Nov 76
*ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ ELECTROPHORESIS, DISC/ ENZYME ACTIVATION/ KINETICS/ MAGNESIUM, pharmacodynamics/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS/ PHOSPHOLIPIDS, pharmacodynamics/ PROTEIN DENATURATION/ SARCOPLASMIC RETICULUM, drug effects/ *SARCOPLASMIC RETICULUM, metabolism/ *SODIUM DODECYL SULFATE, pharmacodynamics/ *TRYPSIN, pharmacodynamics

5733. **McLeod DC:** Contribution of clinical pharmacists to patient care. Am J Hosp Pharm 33(9):904–11, Sep 76 (165 ref.)
ADULT/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, administration & dosage/ CHILD/ COUNSELING/ DRUG INTERACTIONS/ DRUG THERAPY, adverse effects/ DRUG UTILIZATION/ DRUGS, metabolism/ HUMAN/ INFORMATION SERVICES/ KINETICS/ MEDICAL HISTORY TAKING/ MENTAL DISORDERS, drug therapy/ PARENTERAL HYPERALIMENTATION/ *PATIENT CARE TEAM/ *PHARMACISTS/ PHARMACY/ POISONING, therapy/ RESUSCITATION/ REVIEW

5734. **McMenamin RA, Davies LM, Craswell PW:** Drug induced interstitial nephritis, hepatitis and exfoliative dermatitis. Aust NZ J Med 6(6):583–7, Dec 76
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ *ALLOPURINOL, adverse effects/ CASE REPORT/ *DERMATITIS EXFOLIATIVA, chemically induced/ DRUG THERAPY, COMBINATION, adverse effects/ *HEPATITIS, TOXIC, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *NEPHRITIS, INTERSTITIAL, chemically induced/ *PHENINDIONE, adverse effects

5735. **McMichan JC, Rosengarten DS, McNeur JC, et al:** Das posttraumatische Lungen-Syndrom. Definition, Diagnose und Therapie Med Welt 76(48):2331–40, 26 Nov 76 **(Ger)**
ADOLESCENCE/ ADULT/ BLOOD COAGULATION DISORDERS, therapy/ CLINICAL RESEARCH/ FEMALE/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ PLACEBOS/ RESPIRATORY DISTRESS SYNDROME, ADULT, blood/ *RESPIRATORY DISTRESS SYNDROME, ADULT, drug therapy/ RESPIRATORY DISTRESS SYNDROME, ADULT, physiopathology

5736. **McMillan DE:** Plasma protein changes, blood viscosity, and diabetic microangiopathy. Diabetes 25(2 SUPPL):858–64, 1976
BLOOD FLOW VELOCITY/ *BLOOD PROTEINS, metabolism/ *BLOOD VISCOSITY/ C-REACTIVE PROTEIN, metabolism/ CAPILLARY RESISTANCE/ CERULOPLASMIN, metabolism/ COMPLEMENT, metabolism/ *DIABETIC ANGIOPATHIES/ DIABETIC ANGIOPATHIES, etiology/ DIABETIC ANGIOPATHIES, metabolism/ DIABETIC ANGIOPATHIES, physiopathology/ ERYTHROCYTE AGGREGATION/ GLYCOPROTEINS, blood/ HAPTOGLOBINS, metabolism/ HEMOPEXIN, metabolism/ HUMAN/ IMMUNOGLOBULINS, metabolism/ MACROGLOBULINS, metabolism/ MICROCIRCULATION, physiopathology/ SERUM ALBUMIN, blood/ TRANSFERRIN, metabolism

5737. **McMurtry IF, Hookway BW, Roos S:** Red blood cells play a crucial role in maintaining vascular reactivity to hypoxia in isolated rat lungs. Chest 71(2 suppl):253–6, Feb 77
ADENOSINE, pharmacodynamics/ ANGIOTENSIN II, pharmacodynamics/ ANIMAL/ ANOXIA, blood/ *ANOXIA, physiopathology/ BLOOD PLATELETS, physiology/ *ERYTHROCYTES, physiology/ GLUCOSE/ LUNG, blood supply/ *LUNG, physiopathology/ MECLOFENAMIC ACID, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ VASOMOTOR SYSTEM, physiopathology

5738. **McNair M:** [Thromboembolic disease of the heart in two siblings] Ann Radiol (Paris) 19(1):193–8, Jan–Feb 76 **(Eng, Fre)**
CASE REPORT/ CHILD, PRESCHOOL/ *HEART DISEASES, familial & genetic/ HEART DISEASES, radiography/ HUMAN/ INFANT/ MALE/ PULMONARY EMBOLISM, radiography/ *THROMBOEMBOLISM, familial & genetic/ THROMBOEMBOLISM, radiography

5739. **McNeill T, Huncke B, Pesch RN:** Chemonucleolysis: evaluation of effectiveness by electromyography. Arch Phys Med Rehabil 58(7):303–6, Jul 77
*CHYMOPAPAIN, therapeutic use/ ELECTROMYOGRAPHY/ EVALUATION STUDIES/ HUMAN/ INTERVERTEBRAL DISK DISPLACEMENT, diagnosis/ *INTERVERTEBRAL DISK DISPLACEMENT, therapy/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use

5740. **McPeak DW, Shulthise AJ, Camp FR Jr:** A chemical refrigerant. Transfusion 17(3):280–1, May–Jun 77
*BLOOD PRESERVATION/ HUMAN/ *REFRIGERATION, methods/ TRANSPORTATION

5741. **McPherson RA:** Thromboembolism in Hageman trait. Am J Clin Pathol 68(3):420–3, Sep 77
*BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION TESTS/ CASE REPORT/ *FACTOR XII, analysis/ FEMORAL ARTERY/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOEMBOLISM, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5742. **McRitchie RJ, Vatner SF, Heyndrickx GR, et al:** The role of arterial baroreceptors in the regulation of arterial pressure in conscious dogs. Circ Res 39(5):666–70, Nov 76
ANIMAL/ *AORTA, innervation/ *BLOOD PRESSURE/ BLOOD PRESSURE, drug effects/ *CAROTID SINUS, innervation/ COMPARATIVE STUDY/ DENERVATION/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GLYCERYL TRINITRATE, pharmacodynamics/ HEART RATE, drug effects/ HEMORRHAGE, physiopathology/ HEMOSTASIS, drug effects/ METHOXAMINE, pharmacodynamics/ *PRESSORECEPTORS, physiopathology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5743. **McTaggart DR, Ingram TG:** Massive pulmonary embolism during pregnancy treated with streptokinase. Med J Aust 1(1–2):18–20, 1–8 Jan 77
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ PREGNANCY/ *PULMONARY EMBOLISM, drug therapy/ *STREPTOKINASE, therapeutic use

5744. **McVerry BA, Voke J, Vicary FR, et al:** Ultrasonography in the management of haemophilia. Lancet I(8017):872–4, 23 Apr 77
ADULT/ AGED/ AUTOANTIBODIES/ AUTOIMMUNE DISEASES complications/ CASE REPORT/ FACTOR VIII, immunology/ FEMALE/ *HEMATOMA, diagnosis/ HEMATOMA, etiology/ *HEMOPERITONEUM, diagnosis/ HEMOPERITONEUM, etiology/ *HEMOPHILIA, complications/ HUMAN/ MALE/

MUSCULAR DISEASES, diagnosis/ MUSCULAR DISEASES, etiology/ RETROPERITONEAL SPACE/ *ULTRASONIC THERAPY/ *VON WILLEBRAND'S DISEASE, complications

5745. **McWilliams HL, Nair VS:** Transvenous pacing by way of a left superior vena cava. Angiology 28(9):614–8, Sep 77
CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ *PACEMAKER, ARTIFICIAL, adverse effects/ SUBCLAVIAN VEIN/ THROMBOSIS, etiology/ *VENA CAVA, SUPERIOR, abnormalities

5746. **Mączyński B, Mościcka M:** Dwa przypadki powikłań neurologicznych u młodych kobiet w ciąży Wiad Lek 30(8):651–4, 15 Apr 77 (Eng. Abstr.) **(Pol)**
BLOOD COAGULATION DISORDERS, pathology/ CASE REPORT/ *CEREBROVASCULAR DISORDERS, pathology/ ENDOCARDITIS, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, pathology/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, pathology/ PREGNANCY

5747. **Madar Z, Tencer Y, Gertler A, et al:** The comparative effect of prolonged feeding with raw and heated soybean mean on the growth response, pancreatic enlargement and pancreatic enzymes of chicks. Nutr Metab 20(4):234–42, 1976
AMYLASE, metabolism/ *ANIMAL FEED/ ANIMAL/ *CHICKENS, growth & development/ CHYMOTRYPSIN, metabolism/ COMPARATIVE STUDY/ FOOD HANDLING/ HEAT/ LIPASE, metabolism/ MALE/ PANCREAS, enzymology/ *PANCREAS, growth & development/ *PEPTIDE HYDROLASES, metabolism/ *SOY BEANS/ TIME FACTORS/ TRYPSIN, metabolism

5748. **Maddox K:** Blindness due to an anticoagulant [letter] Med J Aust 1(12):420, 19 Mar 77
ADULT/ *BLINDNESS, chemically induced/ CASE REPORT/ *DIABETIC RETINOPATHY, complications/ FEMALE/ HUMAN/ MIDDLE AGE/ *WARFARIN, adverse effects

5749. **Maderspach K, Sensenbrenner M:** A comparative study of the differentiation of dissociated nerve cells under different culture conditions. Experientia 33(3):358–60, 15 Mar 77
ACETYLCHOLINESTERASE, metabolism/ BRAIN, physiology/ *CELL DIFFERENTIATION/ CELLS, CULTURED/ CHICK EMBRYO/ COMPARATIVE STUDY/ MICROSCOPY, PHASE CONTRAST/ NEURONS, enzymology/ *NEURONS, physiology/ NEURONS, ultrastructure/ NYLON/ TRYPSIN

5750. **Madewell JE, Feigin DS:** Benign tumors of the lung. Semin Roentgenol 12(3):175–86, Jul 77 (68 ref.)
ADOLESCENCE/ ADULT/ AGED/ AMYLOIDOSIS, radiography/ CHILD, PRESCHOOL/ ENDOMETRIOSIS, radiography/ FEMALE/ FIBROMA, radiography/ HAMARTOMA, radiography/ HEMANGIOMA, radiography/ HUMAN/ LEIOMYOMA, radiography/ LIPOMA, radiography/ LUNG DISEASES, radiography/ *LUNG NEOPLASMS, radiography/ LUNG/ LYMPH NODES, radiography/ MALE/ MYOBLASTOMA, radiography/ NEUROFIBROMA, radiography/ NEUROFIBROMATOSIS, radiography/ PAPILLOMA, radiography/ PARAGANGLIOMA, NONCHROMAFFIN, radiography/ REVIEW

5751. **Madler JJ, Lee SH, Haque RU:** Agar plate tests of enhanced sensitivity for detecting biologically active products of staphylococcal filtrates. Appl Environ Microbiol 32(4):575–8, Oct 76
AGAR/ BIOLOGICAL PRODUCTS, analysis/ CELL-FREE SYSTEM/ DEOXYRIBONUCLEASE, analysis/ ESTERASES, analysis/ HEMOLYSINS, analysis/ HYALURONIDASE, analysis/ INDICATORS AND REAGENTS/ LIPASE, analysis/ MICROPORE FILTERS/ PENICILLINASE, analysis/ PEPTIDE HYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PHOSPHATASES, analysis/ STAPHYLOCOCCUS AUREUS, enzymology/ *STAPHYLOCOCCUS, enzymology

5752. **Maeda T, Asano A, Okada Y, et al:** Transmembrane phospholipid motions induced by F glycoprotein in hemagglutinating virus of Japan. J Virol 21(1):232–41, Jan 77
CELL FUSION/ CHICKENS/ ERYTHROCYTE MEMBRANE, drug effects/ *ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, metabolism/ *GLYCOPROTEINS, pharmacodynamics/ HEMOLYSIS/ HUMAN/ PARA-INFLUENZA VIRUS TYPE 1, drug effects/ *PARA-INFLUENZA VIRUS TYPE 1, metabolism/ *PHOSPHATIDYLCHOLINES, metabolism/ TRYPSIN, pharmacodynamics/ *VIRAL PROTEINS, pharmacodynamics

5753. **Mäenpää PH:** Effects of polyamines and polyanions on a cyclic nucleotide-independent and a cyclic AMP-dependent protein kinase. Biochim Biophys Acta 498(1):294–305, 21 Jul 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL/ CHICKENS/ ENZYME ACTIVATION/ *HEPARIN, pharmacodynamics/ KINETICS/ LIVER, enzymology/ MAGNESIUM, pharmacodynamics/ MALE/ PHOSVITIN/ *POLY A, pharmacodynamics/ *PROTEIN KINASE/ PROTEIN KINASE, isolation & purification/ PROTEIN KINASE, metabolism/ *PUTRESCINE, pharmacodynamics/ *RNA, TRANSFER, pharmacodynamics/ *SPERMIDINE, pharmacodynamics/ *SPERMINE, pharmacodynamics

5754. **Maess M, Nugel E:** Thrombelastogramm und Aggregationshemmer Z Exp Chir 9(1):36–40, 1976 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ BLOOD CELL COUNT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION, drug effects/ REACTION TIME, drug effects/ *THROMBELASTOGRAPHY/ THROMBOEMBOLISM, prevention & control

5755. **Maess M, Wendt F, Rudolf R, et al:** Die Bestimmung der Thrombozytenzahl im plättchenreichen Plasma Folia Haematol (Leipz) 103(5):765–70, 1976 (Eng. Abstr.) **(Ger)**
*BLOOD CELL COUNT, methods/ *BLOOD PLATELETS/ DENSITOMETRY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE

5756. **Maestracci P:** L'embolie gazeuse Ann Anesthesiol Fr 17(5):1E–6E, 1976 **(Fre)**
CARDIOVASCULAR SYSTEM, physiopathology/ EMBOLISM, AIR, diagnosis/ *EMBOLISM, AIR, etiology/ EMBOLISM, AIR, pathology/ EMBOLISM, AIR, prevention & control/ EMBOLISM, AIR, physiopathology/ EMBOLISM, AIR, therapy/ HUMAN/ HYPERBARIC OXYGENATION/ IATROGENIC DISEASE/ NERVOUS SYSTEM, physiopathology/ PROGNOSIS/ PULMONARY EMBOLISM, physiopathology

5757. **Mager PP:** Systematik der Arzneimittelneben-wirkungen Tieraerztl Prax 4(4):557–62, 1976 **(Ger)**
ARRHYTHMIA, chemically induced/ DRUG HYPERSENSITIVITY/ DRUG SYNERGISM/ *DRUG THERAPY, adverse effects/ DRUG TOLERANCE/ HEMORRHAGIC DIATHESIS, chemically induced/ HUMAN/ HYPOGLYCEMIA, chemically induced/ TOXICOLOGY

5758. **Magni G, Santarelli I, Natalini P, et al:** Catabolite inactivation of bakers'-yeast uridine nucleosidase. Isolation and partial purification of a specific proteolytic inactivase. Eur J Biochem 75(1):77–82, 2 May 77
CELL DIVISION/ CYCLOHEXIMIDE, pharmacodynamics/ ENZYME INDUCTION, drug effects/ GLUCOSE, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *NUCLEOSIDASES, antagonists & inhibitors/ NUCLEOSIDASES, biosynthesis/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, physiology/ *PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ *SACCHAROMYCES

CEREVISIAE, enzymology/ *SULFONES, pharmacodynamics/ URIDINE

5759. **Magnusson S, Sottrup-Jensen L, Petersen TE, et al:** Homologous 'Kringle' structures common to plasminogen and prothrombin. Substrate specificity of enyzmes activating prothrombin and plasminogen. pp. 203–38. In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (87 ref.)
AMINO ACID SEQUENCE/ ANIMAL/ BINDING SITES/ CALCIUM, pharmacodynamics/ CATTLE/ ENZYME ACTIVATION/ FACTOR X, metabolism/ HUMAN/ MONOGRAPH/ *PEPTIDE HYDROLASES, metabolism/ *PLASMINOGEN/ PLASMINOGEN, metabolism/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *PROTHROMBIN/ PROTHROMBIN, metabolism/ REVIEW/ SERINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5760. **Magovern GJ, Liebler GA, Cushing WJ, et al:** A thirteen-year review of the Magovern-Cromie aortic valve. J Thorac Cardiovasc Surg 73(1):64–74, Jan 77
ADOLESCENCE/ ADULT/ AGED/ *AORTIC VALVE, surgery/ COMPARATIVE STUDY/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, mortality/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ THROMBOEMBOLISM, etiology

5761. **Magrini U, Castello A, Ascari E:** Istochimica della fibrinolisi nell'artropatia emofilica Riv Istochim Norm Patol 19(1–4):167, 1975 **(Ita)**
*FIBRINOLYSIS/ *HEMARTHROSIS, blood/ HUMAN/ *SYNOVIAL MEMBRANE, analysis

5762. **Maher JT, Levine PH, Cymerman A:** Human coagulation abnormalities during acute exposure to hypobaric hypoxia. J Appl Physiol 41(5 Pt. 1):702–7, Nov 76
ACUTE DISEASE/ ADULT/ *ALTITUDE SICKNESS, complications/ *ANOXIA, complications/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, physiology/ BLOOD PRESSURE/ HEART RATE/ HUMAN/ MALE

5763. **Mahlberg FA, Rodermund OE:** Periorbitale Purpura bei grippalen Infekten nach Cetylpyridiniumchlorid? Z Hautkr 51(21):913–5, 1 NOV 76 **(Ger)**
ADOLESCENCE/ CASE REPORT/ *CETYLPYRIDINIUM, adverse effects/ *DERMATITIS MEDICAMENTOSA, etiology/ DRUG HYPERSENSITIVITY, etiology/ HUMAN/ *INFLUENZA, complications/ MALE/ MIDDLE AGE/ *ORBIT/ *PURPURA, chemically induced/ *PYRIDINIUM COMPOUNDS, adverse effects

5764. **Mahley RW, Innerarity TL, Weisgraber KH, et al:** Canine hyperlipoproteinemia and atherosclerosis. Accumulation of lipid by aortic medial cells in vivo and in vitro. Am J Pathol 87(1):205–25, Apr 77
ANIMAL/ *AORTA, pathology/ AORTA, THORACIC, pathology/ *ARTERIOSCLEROSIS, pathology/ *ATHEROSCLEROSIS, pathology/ CELLS, CULTURED/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ DIET, ATHEROGENIC/ *DISEASE MODELS, ANIMAL/ DOGS/ *HYPERCHOLESTEREMIA, pathology/ LIPOPROTEINS, pharmacodynamics/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ *MUSCLE, SMOOTH, pathology/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5765. **Mahmood K:** Small chorioangiomas and small-for-gestational age baby. Am J Obstet Gynecol 127(4):440–2, 15 Feb 77
ADOLESCENCE/ CASE REPORT/ FEMALE/ *HEMANGIOMA, diagnosis/ HUMAN/ *INFANT, LOW BIRTH WEIGHT/ INFANT, NEWBORN/ *INFANT, SMALL FOR GESTATIONAL AGE/ *PLACENTA DISORDERS, diagnosis/ PREGNANCY

5766. **Mahmoud SA, El-Sadek GM, Dawood AH:** Mode of action of nisin on some representative bacterial spores. Zentralbl Bakteriol [Naturwiss] 131(3):212–21, 1976
*BACILLUS/ *CLOSTRIDIUM/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HYDROGEN-ION CONCENTRATION/ *NISIN, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ *SPORES, BACTERIAL, drug effects

5767. **Mahn I, Merkel H, Sattler EL, et al:** Behaviour of 125I-fibrinogen and 131I-albumin in experimental galactosamine-induced hepatitis. Gut 18(7):547–55, Jul 77
ANIMAL/ BLOOD COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ FEMALE/ *FIBRINOGEN, metabolism/ GALACTOSAMINE/ HEPARIN, pharmacodynamics/ HEPATITIS, TOXIC, etiology/ *HEPATITIS, TOXIC, metabolism/ RABBITS/ *SERUM ALBUMIN, metabolism/ 6-AMINOCAPROIC ACID, pharmacodynamics

5768. **Mahn I, Schönbach F, Müller-Berghaus G:** Formation and dissociation of soluble fibrin in vivo. Thromb Res 11(1):67–80, Jul 77
ANIMAL/ BLOOD COAGULATION TESTS/ FEMALE/ *FIBRIN, biosynthesis/ FIBRIN, metabolism/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ IODINE RADIOISOTOPES/ MALE/ RABBITS/ SOLUBILITY

5769. **Mahn I, von Drach H, Müller-Berghaus G:** In vivo-Untersuchungen zur Elimination verschiedener löslicher Fibrinpräparationen. Verh Dtsch Ges Inn Med 82 Pt 2:1643–6, 1976 **(Ger)**
ANIMAL/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ RABBITS/ SOLUBILITY

5770. **Mahowald ML, Handwerger BS, Capertone EM Jr, et al:** A comparative study of procedures for sheep erythrocyte-human-T-lymphocyte rosette formation. J Immunol Methods 15(3):239–45, 1977
ANIMAL/ AET/ COMPARATIVE STUDY/ CULTURE MEDIA/ *ERYTHROCYTES, immunology/ FLUORESCEINS/ GLUTARALDEHYDE/ HUMAN/ *IMMUNOLOGIC TECHNICS/ NEURAMINIDASE/ SHEEP/ *T-LYMPHOCYTES, immunology/ TIME FACTORS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5771. **Maiat VS, Nesterenko IuA, Buromskaia GA:** Rezul'taty lecheniia bol'nykh ostrym pankreatitim Khirurgiia (Mosk) (11):31–8, Nov 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ DIURETICS, OSMOTIC, therapeutic use/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HUMAN/ HYPOTHERMIA, INDUCED/ NERVE BLOCK/ *PANCREATITIS, therapy/ *TRYPSIN INHIBITORS, therapeutic use

5772. **Maĭmunkov K, Tsekov M, Delibasheva A:** Izmenenie pokazateleĭ koagulogrammy u bol'nykh infarktom miokarda s sopustvuiushchim diabetom i bez diabeta pri lechenii antikoaguliantami Vrach Delo (1):62–5, Jan 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION/ *DIABETES MELLITUS, blood/ DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, complications

5773. **Maisonneuve P, Sultan Y:** Modification of factor VIII complex properties in patients with liver disease. J Clin Pathol 30(3):221–7, Mar 77
ANTIGENS, analysis/ *FACTOR VIII, analysis/ HEPATITIS, VIRAL, HUMAN, blood/ HUMAN/ IMMUNOELECTROPHORESIS/ LIVER CIRRHOSIS, blood/ *LIVER DISEASES, blood/ VON WILLEBRAND FACTOR, analysis

5774. **Majerus PW, Stanford N:** Comparative effects of aspirin and diflunisal on prostaglandin synthetase from human

platelets and sheep seminal vesicles.
Br J Clin Pharmacol 4 Suppl 1:15S–18S, Feb 77
*ANALGESICS, ANTI-INFLAMMATORY, pharmacodynamics/ ANIMAL/ ASPIRIN, analogs & derivatives/ *ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ COMPARATIVE STUDY/ FLUOROBENZENES, pharmacodynamics/ HUMAN/ *HYDROXYLASES, antagonists & inhibitors/ IN VITRO/ MALE/ *PROSTAGLANDIN SYNTHASE, antagonists & inhibitors/ *SALICYLIC ACIDS, pharmacodynamics/ SEMINAL VESICLES, drug effects/ *SEMINAL VESICLES, enzymology/ SHEEP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5775. **Majewski BB, Brown DL:** Interaction between complement and cells in the microcirculation of the rat. pp. 419–24.

In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a.
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, immunology/ *BLOOD PLATELETS, metabolism/ CARBON, metabolism/ *COMPLEMENT, metabolism/ ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI/ MALE/ MESENTERIC VEINS, drug effects/ MESENTERIC VEINS, metabolism/ MONOGRAPH/ NEUTROPHILS, drug effects/ *NEUTROPHILS, metabolism/ OMENTUM, blood supply/ RATS/ SERRATIA MARCESCENS/ SNAKE VENOMS, pharmacodynamics/ TIME FACTORS

5776. **Majewski F:** Uber einige durch teratogene Noxen induzierte Fehlbildungen. Monatsschr Kinderheilkd 125(6):609–20, Jun 77 (135 ref.) (Eng. Abstr.) **(Ger)**
*ABNORMALITIES, DRUG-INDUCED/ ALCOHOL, ETHYL/ AMINOPTERIN, adverse effects/ BUSULFAN, adverse effects/ CHLORAMBUCIL, adverse effects/ CYCLOPHOSPHAMIDE, adverse effects/ DIPHENYLHYDANTOIN, adverse effects/ ENGLISH ABSTRACT/ GERMANY, WEST/ HEROIN ADDICTION/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ LYSERGIC ACID DIETHYLAMIDE, adverse effects/ MERCAPTOPURINE, adverse effects/ NICOTINE/ RADIATION INJURIES/ REVIEW/ *TERATOGENS/ THALIDOMIDE, adverse effects/ TRIMETHADIONE, adverse effects/ WARFARIN, adverse effects

5777. **Májský A, Abrahámová J:** Závislost spolehlivosti prukazu HLA antigenu na době skladování krve a náplavu lymfocytu. Cas Lek Cesk 116(24):753–7, 17 Jun 77 (Eng. Abstr.) **(Cze)**
BLOOD PRESERVATION/ ENGLISH ABSTRACT/ *HISTOCOMPATIBILITY ANTIGENS, isolation & purification/ *HL-A, isolation & purification/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, immunology/ TIME FACTORS

5778. **Majumdar AP, Jorgensen AJ:** Influence of cortisol on tryptophan-mediated stimulation of hepatic protein synthesis in well-fed adrenalectomized rats.
Biochem Med 17(1):116–9, Feb 77
ADRENALECTOMY/ ANIMAL/ FERRITIN, biosynthesis/ FIBRINOGEN, biosynthesis/ *HYDROCORTISONE, pharmacodynamics/ LEUCINE, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ *PROTEINS, biosynthesis/ RATS/ SERUM ALBUMIN, biosynthesis/ TRANSLATION, GENETIC, drug effects/ *TRYPTOPHAN, pharmacodynamics

5779. **Majumder GC:** Purification and characterization of a protein kinase modulator from rat mammary gland.
Biochim Biophys Acta 483(2):279–93, 11 Aug 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL/ CASEIN, metabolism/ CATIONS, DIVALENT, pharmacodynamics/ DEOXYRIBONUCLEASE/ ENZYME INHIBITORS, isolation & purification/ *ENZYME INHIBITORS, pharmacodynamics/ FEMALE/ HISTONE KINASE, metabolism/ HYDROGEN-ION CONCENTRATION/ LACTATION/ *MAMMAE, enzymology/ MOLECULAR WEIGHT/ PREGNANCY/ PROTAMINES, metabolism/ *PROTEIN KINASE, antagonists & inhibitors/ RABBITS/ RATS/ RIBONUCLEASE/ SUBCELLULAR FRACTIONS, metabolism/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5780. **Mak AS, Jones BL:** The amino acid sequence of wheat beta-purothionin. Can J Biochem 54(10):835–42, Oct 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *PLANT PROTEINS/ WHEAT

5781. **Mak D, Marsol P, Muler H, et al:** Essais d'hypotension controlée par nitroprussiate de sodium en chirurgie O.R.L. Résistance et tachyphylaxie Ann Anesthesiol Fr 17(6):637–48, 1976 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ ALTHESIN/ BLOOD PRESSURE, drug effects/ DROPERIDOL/ DRUG TOLERANCE/ ENGLISH ABSTRACT/ FEMALE/ FENTANYL/ *FERRICYANIDES/ FERRICYANIDES, administration & dosage/ HEART RATE, drug effects/ *HEMODYNAMICS/ HEMODYNAMICS, drug effects/ HEMOSTASIS, drug effects/ HUMAN/ *HYPOTENSION, CONTROLLED/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ *NITROPRUSSIDE/ NITROPRUSSIDE, administration & dosage/ NITROPRUSSIDE, pharmacodynamics/ *OTORHINOLARYNGOLOGIC DISEASES, surgery/ PHENOPERIDINE/ *TACHYPHYLAXIS/ TIME FACTORS

5782. **Mak L, Hesz A, Jancsó T, et al:** Korai kísérletes atherosclerosis el®oidézése nyulakban új diéta-kombinációval Morphol Igazsagugyi Orv Sz 17(1):43–53, Feb 77 (Eng. Abstr.) **(Hun)**
ANIMAL/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ CHOLECALCIFEROLS, administration & dosage/ *CHOLESTEROL, administration & dosage/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ HYPERCHOLESTEREMIA, etiology/ HYPERLIPEMIA, etiology/ RABBITS

5783. **Makarevich IaA, Kosterova VV, Podobedov GM, et al:** Izuchenie trombotsitarnogo (mikrotsirkuliatornogo) gemostaza pri tsirrozakh pecheni Sov Med (8):69–74, AUG 76 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ HUMAN/ LIVER CIRCULATION/ *LIVER CIRRHOSIS, blood/ MICROCIRCULATION/ *PLATELET ADHESIVENESS/ *PLATELET AGGREGATION

5784. **Makarevich IaA, Kosterova VV, Podobedov GM, et al:** Funktsional'naia aktivnost' trombotsitov v usloviiakh gipersplenizma i protal'noĭ gipertenzii pri tsirrozakh pecheni Ter Arkh 48(3):15–9, 1976 (Eng. Abstr.) **(Rus)**
BLOOD CELL COUNT/ *BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT/ HUMAN/ *HYPERSPLENISM, physiopathology/ *HYPERTENSION, PORTAL, physiopathology/ LIVER CIRRHOSIS, complications/ *LIVER CIRRHOSIS, physiopathology

5785. **Makarevich IaA, Balashov VI, Panova TN, et al:** Klinicheskie perspektivy izucheniia sistemy tripsin–ingibitor tripsina, plazmennykh kininov i produktov degradatsii fibrinogena pri iazvennoĭ bolezni. Ter Arkh 49(5):89–92, 1977 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRINOGEN, blood/ HUMAN/ *KININS, blood/ MALE/ *PEPTIC ULCER, blood/ *TRYPSIN INHIBITORS, blood/ *TRYPSIN, blood

5786. **Makarov AA, Esipova NG, Monaselidze DR, et al:** Fizicheskoe sostoianie belkov v kirstallakh. IV. Protsess plavleniia kristallov tripsina i pepsina Biofizika 21(4):750–2, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ HEAT/ *PEPSIN/ PROTEIN DENATURATION/ *TRYPSIN

5787. **Makarov AIu, Kiselev VN, Loboda EB, et al:** Obmen

serotonina u bol'nykh s opukholiami golovnogo mozga. Zh Vopr Neirokhir (3):39–44, May–Jun 77 (Eng. Abstr.) **(Rus)**

ADULT/ AGED/ BLOOD PLATELETS, analysis/ BLOOD-BRAIN BARRIER/ *BRAIN NEOPLASMS, metabolism/ BRAIN STEM/ ENGLISH ABSTRACT/ EPILEPSY, complications/ FEMALE/ HUMAN/ HYDROXYINDOLEACETIC ACID, cerebrospinal fluid/ HYPOTHALAMUS/ MALE/ MELATONIN, cerebrospinal fluid/ MIDDLE AGE/ SEROTONIN, blood/ SEROTONIN, cerebrospinal fluid/ *SEROTONIN, metabolism/ TELENCEPHALON

5788. **Makarova VG:** Vliianie geparina na fermentativnye protsessy miokarda i pecheni zhivotnykh raznogo vozrasta Farmakol Toksikol 40(1):36–40, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

AGE FACTORS/ ANIMAL/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *HEPARIN, pharmacodynamics/ *LIVER, enzymology/ MALE/ MITOCHONDRIA, enzymology/ MITOCHONDRIA, LIVER, enzymology/ *MYOCARDIUM, enzymology/ MYOCARDIUM, ultrastructure/ *OXIDOREDUCTASES, metabolism/ RATS

5789. **Makarova IuIa:** Khirurgicheskoe lechenie rannikh oslozhnenii posle operatsii na pecheni, zhelchevyvodiashchikh putiakh i podzheludochnoĭ zheleze Khirurgiia (Mosk) (10):112–5, Oct 76 **(Rus)**

*BILIARY TRACT, surgery/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ *LIVER, surgery/ MALE/ *PANCREAS, surgery/ PANCREATITIS, etiology/ PERITONITIS, etiology/ *POSTOPERATIVE COMPLICATIONS/ THROMBOSIS, etiology

5790. **Makary AZ, Waterbury L:** The activated partial thromboplastin time as a monitor of heparin therapy: a warning. Johns Hopkins Med J 140(6):311–5, Jun 77

*BLOOD COAGULATION TESTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *HEPARIN, administration & dosage/ HEPARIN, blood/ HUMAN/ INJECTIONS, INTRAVENOUS/ *THROMBOPLASTIN

5791. **Makhatadze IK:** Primenenie razmorozhennykh eritrotsitov v klinike. Probl Gematol Pereliv Krovi (2):59–60, Feb 77 **(Rus)**

ADOLESCENCE/ ANEMIA, therapy/ *BLOOD PRESERVATION, methods/ *BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ *ERYTHROCYTES/ FREEZING/ HUMAN/ INFANT

5792. **Maki DG:** Preventing infection in intravenous therapy. Anesth Analg (Cleve) 56(1):141–53, Jan–Feb 77

*BACTERIAL INFECTIONS, etiology/ BACTERIAL INFECTIONS, prevention & control/ CATHETERIZATION, adverse effects/ CATHETERIZATION, instrumentation/ CATHETERIZATION, methods/ DRUG CONTAMINATION/ HUMAN/ *INFUSIONS, PARENTERAL, adverse effects/ INFUSIONS, PARENTERAL, instrumentation/ INFUSIONS, PARENTERAL, methods/ NEEDLES/ PARENTERAL HYPERALIMENTATION, adverse effects/ PATIENT CARE TEAM/ PLASTICS/ *SEPTICEMIA, etiology/ SEPTICEMIA, prevention & control/ STEEL/ SUPPURATION/ THROMBOPHLEBITIS, etiology

5793. **Makinen MW, Fink AL:** Reactivity and cryoenzymology of enzymes in the crystalline state. Annu Rev Biophys Bioeng 6:301–43, 1977 (205 ref.)

BINDING SITES/ CARBOXYPEPTIDASES, metabolism/ CHYMOTRYPSIN, metabolism/ CRYSTALLOGRAPHY/ CYTOCHROME OXIDASE, metabolism/ DIFFUSION/ *ENZYMES/ ENZYMES, metabolism/ FLAVOPROTEINS, metabolism/ GALACTOSIDASES, metabolism/ HEMOGLOBINS, metabolism/ KINETICS/ LIGANDS/ MURAMIDASE, metabolism/ PANCREATOPEPTIDASE, metabolism/ PEROXIDASES, metabolism/ PROTEIN CONFORMATION/ REVIEW/ SOLVENTS/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TEMPERATURE/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ X-RAY DIFFRACTION/ XANTHINE OXIDASE, metabolism

5794. **Mäkinen T, Tötterman TH, Gordin A, et al:** Migration inhibition factor and the blood clotting system: effects of defibrination, heparin and thrombin. Clin Exp Immunol 29(1):181–6, Jul 77

*BLOOD COAGULATION/ BLOOD PRESERVATION/ FIBRIN/ HEPARIN/ HUMAN/ *MIGRATION INHIBITORY FACTOR/ THROMBIN

5795. **Makino H, Nakada Y, Kono M, et al:** [Acute traumatic intracranial hematoma in infancy and childhood –1. General introduction and discussion (author's tranls)] Neurol Med Chir (Tokyo) 17(3 Pt 2):187–93, May 77 (Eng. Abstr.) **(Jpn)**

ACUTE DISEASE/ *BRAIN INJURIES, ACUTE, complications/ CEREBRAL HEMORRHAGE, etiology/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *HEMATOMA, etiology/ HUMAN/ INFANT

5796. **Makova NS, Kosolapov GS, Shirochenko ND, et al:** Poiasnichnaia zabriushinnaia blokada novokainom s antibiotikami i ingibitorami fermentov pri ostrom pankreatite Vestn Khir 117(9):23–6, Sep 76 (Eng. Abstr.) **(Rus)**

ACUTE DISEASE/ ADULT/ AGED/ *ANTIBIOTICS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LUMBOSACRAL REGION/ MALE/ MIDDLE AGE/ *NERVE BLOCK/ *PANCREATITIS, therapy/ *PROCAINE, administration & dosage/ PROCAINE, therapeutic use/ RETROPERITONEAL SPACE/ *TRYPSIN INHIBITORS, therapeutic use

5797. **Makshanov IIa, Svidchenko AL, Mironchik VIu, et al:** Puti preduprezhdeniia razvitiia infektsionnogo protsessa pri otkrytykh povrezhdeniiakh Khirurgiia (Mosk) (6):77–81, Jun 76 (Eng. Abstr.) **(Rus)**

ADULT/ ANABOLIC STEROIDS, therapeutic use/ CHILD/ CHYMOTRYPSIN, therapeutic use/ DECANOATES, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ NANDROLONE, analogs & derivatives/ NANDROLONE, therapeutic use/ PYRIMIDINES, therapeutic use/ STAPHYLOCOCCAL INFECTIONS, etiology/ *STAPHYLOCOCCAL INFECTIONS, prevention & control/ WOUND INFECTION, etiology/ *WOUND INFECTION, prevention & control

5798. **Maksimova RA, Ali RKh:** Deĭstvie kolkhitsina i drugikh poliploidogennykh faktorov pri kontakte s glubinnym vegetativnym mitseliem griba Trichothecium roseum--produtsenta antibiotika trikhotetsina i proteoliticheskikh fermentov Mikrobiologiia 46(1):80–5, Jan–Feb 77 (Eng. Abstr.) **(Rus)**

ANTIBIOTICS, biosynthesis/ *BORIC ACIDS, pharmacodynamics/ *CAMPHOR, pharmacodynamics/ *COLCHICINE, pharmacodynamics/ *DEUTEROMYCETES, drug effects/ DEUTEROMYCETES, ultrastructure/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ POLYPLOIDY

5799. **Malafosse M, Rignault D, Parc R, et al:** Hématomes duodénaux intra-muraux d'origine pancréatique. Chirurgie 103(3):189–98, 1977 (Eng. Abstr.) **(Fre)**

ACUTE DISEASE/ ADULT/ CASE REPORT/ *DUODENAL DISEASES/ DUODENAL DISEASES, etiology/ DUODENAL DISEASES, surgery/ ENGLISH ABSTRACT/ *HEMATOMA/ HEMATOMA, etiology/ HEMATOMA, surgery/ *HEMORRHAGE, GASTROINTESTINAL/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ MALE/ *PANCREATITIS, complications

5800. **Malaia LT, Naugol'nova SB, Mikliaev IIu, et al:** Voprosy patogeneza zheludochno-Kishechnogo sindroma pri infarkte miokarda Kardiologiia 16(4):26–31, Apr 76 **(Rus)**

ADULT/ AGED/ ANGIOTENSIN, blood/ CAPILLARIES, physiopathology/ CAPILLARY PERMEABILITY/ *DYSPEPSIA, etiology/ FEMALE/ GASTRIC MUCOSA, blood supply/ GASTRIC MUCOSA, physiopathology/ HUMAN/ INTESTINAL MUCOSA, blood supply/ INTESTINAL MUCOSA, physiopathology/ KALLIKREIN, blood/ KININS, blood/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, physiopathology/ *PEPTIC ULCER, etiology/ RENIN, blood

5801. **Malakhov SF, Kostiuchenko AL, Pleshakov VT:** Posleoperatsionnaia anemiia v khirurgii legkikh Vestn Khir 118(1):107–11, Jan 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ ANEMIA, MACROCYTIC, blood/ *ANEMIA, MACROCYTIC, etiology/ BLOOD CELL COUNT/ BLOOD PRESERVATION/ BLOOD TRANSFUSION, adverse effects/ BLOOD VOLUME/ ENGLISH ABSTRACT/ ERYTHROPOIESIS/ HEMOGLOBINS, analysis/ HEMORRHAGE, etiology/ HUMAN/ MIDDLE AGE/ *PNEUMONECTOMY, adverse effects/ RETICULOCYTES/ TIME FACTORS

5802. **Malakhova EA, Bazaz'ian GG, Levchuk TP, et al:** O novo v bi funktsii lipoproteidlipazy v krovi Dokl Akad Nauk SSSR 231(2):495–8, 1976 **(Rus)**
ANIMAL/ *FIBRINOLYTIC AGENTS/ IN VITRO/ *LIPOPROTEIN LIPASE, blood/ RATS

5803. **Malanowicz W, Liszewska D, Skarżyńska M, et al:** Próba zastosowania enzymów defibrynujących w przewlekłym niedokrwieniu kończyn dolnych. Pol Arch Med Wewn 58(1):23–31, Jul 77 (Eng. Abstr.) **(Pol)**
AGED/ ENGLISH ABSTRACT/ HUMAN/ *ISCHEMIA, drug therapy/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ *REPTILASE, therapeutic use

5804. **Mal'chenko GA, Voronina RG, Sologub AM:** Pokaznyky protrombinu i kholinesterazy pry zhovtianytsi u nedonoshenykh diteĭ Pediatr Akush Ginekol (4):13–5, Jul–Aug 76 **(Ukr)**
ACUTE DISEASE/ AGE FACTORS/ *CHOLINESTERASES, blood/ COMPARATIVE STUDY/ HUMAN/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES, blood/ *JAUNDICE, NEONATAL, blood/ *PROTHROMBIN, analysis/ UKRAINE

5805. **Malcolm AD:** Biochemical applications of relaxation kinetics. Prog Biophys Mol Biol 30(2–3):205–25, 1975 (114 ref.)
ALKALINE PHOSPHATASE/ ANIMAL/ ASPARTATE CARBAMOYLTRANSFERASE/ BASE SEQUENCE/ BINDING SITES/ CHYMOTRYPSIN/ *DNA/ *ENZYMES/ *ERYTHROCYTES, ultrastructure/ *HEMOGLOBINS/ KINETICS/ MATHEMATICS/ MOLECULAR CONFORMATION/ MURAMIDASE/ NUCLEIC ACID CONFORMATION/ NADH, NADPH OXIDOREDUCTASES/ *OLIGONUCLEOTIDES/ PROTEIN CONFORMATION/ REVIEW/ *RNA, TRANSFER/ THERMODYNAMICS/ TIME FACTORS/ TRYPSIN/ *VALINOMYCIN

5806. **Malczak HT, Buck RC:** Regeneration of endothelium in rat aorta after local freezing. A scanning electron microscopic study. Am J Pathol 86(1):133–48, Jan 77
ANIMAL/ *AORTA, cytology/ CELL DIVISION/ CELL MOVEMENT/ ELASTICITY/ ENDOTHELIUM, pathology/ ENDOTHELIUM, physiology/ FEMALE/ FREEZING/ MALE/ MICROSCOPY, ELECTRON, SCANNING/ MUSCLE, SMOOTH, pathology/ NECROSIS/ PLATELET ADHESIVENESS/ RATS/ *REGENERATION

5807. **Malesevic M, Martinovic K, Susic H, et al:** Adhesivnost trombocita u bolesnika sa anemijskim sindromom Med Pregl 29(11–12):499–500, 1976 (Eng. Abstr.) **(Scc)**
*ANEMIA, HYPOCHROMIC, blood/ ENGLISH ABSTRACT/ HUMAN/ *PLATELET ADHESIVENESS/ SYNDROME

5808. **Malik AB, Chaudry IH, Abe T, et al:** The effects of atherosclerosis on the hypertrophied rabbit heart. Exp Mol Pathol 25(3):293–300, Dec 76
ANIMAL/ *ARTERIOSCLEROSIS, complications/ *ATHEROSCLEROSIS, complications/ ATHEROSCLEROSIS, physiopathology/ BLOOD PRESSURE/ DIET, ATHEROGENIC/ FEMALE/ *HEART ENLARGEMENT, complications/ HEART ENLARGEMENT, pathology/ LACTATES, analysis/ MALE/ MYOCARDIUM, analysis/ MYOCARDIUM, pathology/ ORGAN WEIGHT/ PYRUVATES, analysis/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5809. **Malik AB, van der Zee H:** Time course of pulmonary vascular response to microembolization. J Appl Physiol 43(1):51–8, Jul 77
ANIMAL/ BLOOD PRESSURE/ DOGS/ HEART RATE/ HEPARIN, therapeutic use/ OXYGEN, blood/ PARTIAL PRESSURE/ *PULMONARY CIRCULATION/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, physiopathology/ RESPIRATION/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5810. **Malik MN, Stracher A:** Allosteric behavior of platelet myosin. Arch Biochem Biophys 178(2):451–8, 30 Jan 77
ACTOMYOSIN, blood/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE, blood/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ALLOSTERIC SITE/ *BLOOD PLATELETS, metabolism/ CALCIUM, pharmacodynamics/ CATTLE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *MYOSIN, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREA, pharmacodynamics

5811. **Malik N, Butterworth PJ:** Molecular properties of rat intestinal alkaline phosphatase Biochim Biophys Acta 446(1):105–14, 28 Sep 76
*ALKALINE PHOSPHATASE/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL/ CARBOHYDRATES, analysis/ GLYCOSIDE HYDROLASES/ *INTESTINE, SMALL, enzymology/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ RATS

5812. **Malik N, Butterworth PJ:** Rat intestinal alkaline phosphatase: a heterogeneous dimeric glycoprotein. Biochem Soc Trans 4(4):646–9, 1976
*ALKALINE PHOSPHATASE/ ALKALINE PHOSPHATASE, isolation & purification/ ANIMAL/ CARBOHYDRATES, analysis/ *GLYCOPROTEINS/ GLYCOPROTEINS, isolation & purification/ *INTESTINES, enzymology/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ RATS

5813. **Malis F, Lojda Z, Frič P, et al:** Cirkadiánní rytmus aktivit některých digestivních enzymu tenkého střeva a pankreatu u morčat Cas Lek Cesk 115(44):1353–7, 8 Nov 76 (Eng. Abstr.) **(Cze)**
AMYLASE, metabolism/ ANIMAL/ CHYMOTRYPSIN, metabolism/ *CIRCADIAN RHYTHM/ ENGLISH ABSTRACT/ GUINEA PIGS/ *INTESTINE, SMALL, enzymology/ LIPASE, metabolism/ *PANCREAS, enzymology/ PANCREATOPEPTIDASE, metabolism/ TREHALASE, metabolism/ TRYPSIN, metabolism

5814. **Malis F, Frič EK, Korbová L:** An oral test of pancreatic chymotrypsin activity using N-acetyl-L-tyrosyl-p-amino-benzoic acid in rats. J Clin Chem Clin Biochem 14(10):499–500, Oct 76
P-AMINOBENZOIC ACID/ ANIMAL/ *CHYMOTRYPSIN, analysis/ *ENZYME TESTS/ FEMALE/ *PANCREATIC DISEASES, diagnosis/ PEPTIDE FRAGMENTS/ RATS/ TYROSINE

5815. **Mallick NP, Geary CG:** Renal diseases. Clin Haematol 1(3):553–71, Oct 72
ADULT/ ANEMIA, complications/ ANIMAL/ BLOOD PLATELETS/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ERYTHROPOIETIN, analysis/

ERYTHROPOIETIN, pharmacodynamics/ ERYTHROPOIETIN, therapeutic use/ FEMALE/ FOLIC ACID, metabolism/ HEMODIALYSIS/ HEMOLYSIS/ HUMAN/ *KIDNEY DISEASES, complications/ KIDNEY FAILURE, ACUTE, complications/ KIDNEY FAILURE, CHRONIC, complications/ KIDNEY, transplantation/ POLYCYTHEMIA, complications/ PREGNANCY TOXEMIAS, complications/ PREGNANCY/ RABBITS/ TRANSPLANTATION, ALLOGENEIC

5816. **Malm J, Barlow JF:** Clinicopathological conference: Sixty-five year old caucasian male with fever and chest pain for 8–10 days. SD J Med 30(9):23–8, Sep 77
AGED/ ANTICOAGULANTS, therapeutic use/ CASE REPORT/ HUMAN/ MALE/ PNEUMONIA, complications/ PULMONARY EMBOLISM, complications/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5817. **Malmsten C, Kindahl H, Samuelsson B, et al:** Thromboxane synthesis and the platelet release reaction in Bernard–Soulier syndrome, thrombasthenia Glanzmann and Hermansky–Pudlak syndrome. Br J Haematol 35(4):511–520, Apr 77
ADENOSINE DIPHOSPHATE, metabolism/ ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELET DISORDERS, metabolism/ COLLAGEN, pharmacodynamics/ COMPARATIVE STUDY/ GLYCOPROTEINS, metabolism/ *HEMORRHAGIC DIATHESIS, metabolism/ HUMAN/ *HYDROXY ACIDS, biosynthesis/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, pharmacodynamics/ *PURPURA, THROMBOPENIC, familial & genetic/ *PYRANS, biosynthesis/ SEROTONIN, metabolism/ SYNDROME

5818. **Maloletkina LA:** Izmenenie gemostaza pod deistviem gal'vanicheskogo toka
Vopr Kurortol Fizioter Lech Fiz Kult (5):67–71, Sep–Oct 76 **(Rus)**
ANIMAL/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ *ELECTRIC STIMULATION/ RABBITS

5819. **Malone PC, Morris CJ:** The behaviour of platelets and leucocytes in conditions of hypokinetic and anaemic hypoxia, contrasted with the absence of such behaviour in arterial hypoxia [proceedings]. J Physiol (Lond) 260(2):33P–34P, Sep 76
ANIMAL/ *ANOXIA, physiopathology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CARBON MONOXIDE, pharmacodynamics/ LEUKOCYTES, drug effects/ *LEUKOCYTES, physiology/ RABBITS

5820. **Malov GA, Kazakov ES:** Stsintigraficheskoe issledovanie ven nizhnikh konechnostei Med Radiol (Mosk) 21(11):76–82, Nov 76 (Eng. Abstr.) **(Rus)**
CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ *LEG, blood supply/ PHLEBITIS, diagnosis/ PHLEBOGRAPHY, methods/ *RADIONUCLIDE IMAGING/ THROMBOPHLEBITIS, diagnosis/ VARICOSE VEINS, diagnosis/ VEINS

5821. **Malysheva AA, Maslennikov OV:** Izuchenie viazkosti krovi dlia otsenki perifericheskogo krovoobrashcheniia u bol'nykh ishemicheskoĭ bolezn'iu serdtsa. Kardiologiia 17(5):36–40, May 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ARM, blood supply/ *BLOOD CIRCULATION/ *BLOOD VISCOSITY/ CHRONIC DISEASE/ CORONARY DISEASE, blood/ *CORONARY DISEASE, physiopathology/ ENGLISH ABSTRACT/ EXERCISE TEST/ HUMAN/ MALE/ MIDDLE AGE

5822. **Mamakeev MM, Akramov EKh:** Rezektsiia levoĭ doli pecheni po povodu kavernomy Zdravookhr Kirg (2):56–7, Mar–Apr 77 **(Rus)**
ADULT/ CASE REPORT/ FEMALE/ HEMANGIOMA, CAVERNOUS, pathology/ *HEMANGIOMA, CAVERNOUS, surgery/ *HEPATECTOMY/ HEPATECTOMY, methods/ HUMAN/ LIVER NEOPLASMS, pathology/ *LIVER NEOPLASMS, surgery

5823. **Mammen EF:** Congenital dysfibrinogenemias: molecular abnormalities of fibrinogen. Blut 33(4):229–34, Oct 76
AMINO ACID SEQUENCE/ *BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ *FIBRINOGEN/ HUMAN/ MOLECULAR CONFORMATION

5824. **Mammen EF:** Pathophysiology of bleeding disorders. AANA J 44(6):598–608, Dec 76
BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION FACTORS/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ *HEMORRHAGE, physiopathology/ *HEMOSTASIS/ HUMAN/ THROMBOCYTOPATHY, physiopathology

5825. **Mammen EF:** Von Willebrand's disease--history, diagnosis and management. Semin Thromb Hemostas 2(2):61–84, Oct 75
ANTIGENS, analysis/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ FACTOR VIII, immunology/ FACTOR VIII, therapeutic use/ HEMOPHILIA/ HUMAN/ PLATELET AGGREGATION/ *VON WILLEBRAND'S DISEASE/ VON WILLEBRAND'S DISEASE, diagnosis/ VON WILLEBRAND'S DISEASE, history/ VON WILLEBRAND'S DISEASE, physiopathology

5826. **Mamrack MD, Olson MO, Busch H:** Negatively charged phosphopeptides of nucleolar nonhistone proteins from Novikoff hepatoma ascites cells.
Biochem Biophys Res Commun 76(1):150–7, 9 May 77
AMINO ACIDS, analysis/ ANIMAL/ CHROMATOGRAPHY, ION EXCHANGE/ *CHROMOSOMAL PROTEINS, NON-HISTONE, analysis/ *HEPATOMA, analysis/ MALE/ MOLECULAR WEIGHT/ NEOPLASMS, EXPERIMENTAL/ *PHOSPHOPEPTIDES, analysis/ PHOSPHOPROTEINS, analysis/ RATS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5827. **Man B, Kraus L, Motovic A:** Cholecystectomy without drainage, nasogastric suction, and intravenous fluids. Am J Surg 133(3):312–4, Mar 77
ADOLESCENCE/ ADULT/ AGED/ *CHOLECYSTECTOMY/ COMPARATIVE STUDY/ *DRAINAGE, adverse effects/ FEMALE/ FEVER, occurrence/ HUMAN/ *INFUSIONS, PARENTERAL, adverse effects/ LENGTH OF STAY/ MALE/ MIDDLE AGE/ PARALYTIC ILEUS, occurrence/ POSTOPERATIVE COMPLICATIONS, occurrence/ *SUCTION, adverse effects/ SURGICAL WOUND INFECTION, occurrence/ THROMBOPHLEBITIS, occurrence

5828. **Manaka S, Izawa M, Nawata H:** Skull tumor simulating sinus pericranii. Case report. J Neurosurg 46(5):671–3, May 77
CASE REPORT/ CHILD, PRESCHOOL/ *CRANIAL SINUSES/ *EOSINOPHILIC GRANULOMA, diagnosis/ FEMALE/ *HEMANGIOMA, diagnosis/ HEMATOMA, EPIDURAL, diagnosis/ HUMAN/ *SCALP/ *SKULL NEOPLASMS, diagnosis

5829. **Manasek FJ, Cohen AM:** Anionic glycopeptides and glycosaminoglycans synthesized by embryonic neural tube and neural crest. Proc Natl Acad Sci USA 74(3):1057–61, Mar 77
ANIMAL/ CELL DIFFERENTIATION/ CHONDROITIN SULFATES, biosynthesis/ COTURNIX/ ECTODERM, metabolism/ *GLYCOPEPTIDES, biosynthesis/ *GLYCOSAMINOGLYCANS, biosynthesis/ HYALURONIC ACID, biosynthesis/ MESODERM, metabolism/ *NERVOUS SYSTEM, embryology/ PAPAIN/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5830. **Manasia M, Paul G, Maniţiu PI:** Accidente grave consecutive administrării intermitente de rifampicină Rev Ig [Pneumoftiziol] 25(3):183–8, Jul–Sep 76 (Eng. Abstr.) **(Rum)**
ADULT/ AGED/ *ANEMIA, HEMOLYTIC, ACQUIRED, chemically induced/ ENGLISH ABSTRACT/ *HEPATITIS, TOXIC/ HUMAN/ *KIDNEY FAILURE, ACUTE, chemically

induced/ *PULMONARY EDEMA, chemically induced/ *RIFAMPIN, adverse effects/ RIFAMPIN, therapeutic use/ *THROMBOPENIA, chemically induced/ *TUBERCULOSIS, PULMONARY, drug therapy

5831. **Mancini AF, Rosito P, Paolucci G:** Determinazione dell'inibitore del fattore VIII negli emofilici Minerva Pediatr 28(36):2181–5, 17 Nov 76 (Eng. Abstr.) **(Ita)**
BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *FACTOR VIII, antagonists & inhibitors/ *HEMOPHILIA, blood/ HEMOPHILIA, therapy/ HUMAN/ INFANT/ MALE

5832. **Mancini AF, Rosito P, Mei V, et al:** Ricerca dei prodotti di degradazione della fibrina nelle malattie renali dell'età pediatrica. Minerva Pediatr 29(15):1047–54, 28 Apr 77 (Eng. Abstr.) **(Ita)**
AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ GLOMERULONEPHRITIS, blood/ GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, urine/ HUMAN/ *KIDNEY DISEASES, complications/ MALE

5833. **Mancini AF, Rosito P, Faldella G:** Il deficit congenito di fattore VII. Descrizione di un caso. Minerva Pediatr 29(24):1511–6, 28 Jul 77 (Eng. Abstr.) **(Ita)**
CASE REPORT/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HETEROZYGOTE/ HUMAN/ *HYPOPROCONVERTINEMIA, diagnosis/ HYPOPROCONVERTINEMIA, familial & genetic

5834. **Mandalaki T:** Management of haemophilia in Greece. Thromb Haemostas 35(3):522–30, 30 Jun 76
AGE FACTORS/ AMBULATORY CARE/ BLOOD TRANSFUSION/ CHRISTMAS DISEASE, occurrence/ EDUCATIONAL STATUS/ GREECE/ HEMOPHILIA, occurrence/ *HEMOPHILIA, therapy/ HUMAN/ MALE/ SOCIAL CLASS/ SOCIOECONOMIC FACTORS

5835. **Mandalaki T, Dessypris A, Louizou C, et al:** Marathon run I: effects on blood coagulation and fibrinolysis. Thromb Haemostas 37(3):444–50, 30 Jun 77
ADULT/ AGED/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ *FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ PHYSICAL FITNESS/ PROTHROMBIN TIME/ *RUNNING/ TIME FACTORS

5836. **Mandelli F, Anselmo P, Cesaria R, et al:** Clinical evaluation of corticoid therapy in haematology. Chronobiologia 1 Suppl 1:443–8, Sep 74
BLOOD CELL COUNT/ BLOOD PLATELETS/ *CORTISONE, analogs & derivatives/ CORTISONE, therapeutic use/ DRUG COMBINATIONS/ DRUG EVALUATION/ HUMAN/ *LEUKEMIA, drug therapy/ LEUKEMIA, physiopathology/ LYMPHOCYTES, physiology/ *NEOPLASMS, drug therapy/ NEOPLASMS, physiopathology/ PREDNISOLONE, analogs & derivatives/ *PREDNISOLONE, therapeutic use/ TIME FACTORS

5837. **Mandle R Jr, Kaplan AP:** Hageman factor substrates. Human plasma prekallikrein: mechanism of activation by Hageman factor and participation in hageman factor-dependent fibrinolysis. J Biol Chem 252(17):6097–104, 10 Sep 77
ENZYME ACTIVATION/ *FACTOR XII, metabolism/ FIBRINOLYSIS/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ *KALLIKREIN/ KINETICS/ MOLECULAR WEIGHT/ PLASMINOGEN/ *PREKALLIKREIN

5838. **Mandle RJ, Colman RW, Kaplan AP:** Identification of prekallikrein and high-molecular-weight kininogen as a complex in human plasma. Proc Natl Acad Sci USA 73(11):4179–83, Nov 76
FACTOR XII, metabolism/ HUMAN/ *KALLIKREIN, metabolism/ *KININOGENS, blood/ KININOGENS, metabolism/ MOLECULAR WEIGHT/ *PREKALLIKREIN, metabolism/ PROTEIN BINDING

5839. **Mani A, Dinai Y, Winograd Y, et al:** [The treatment of acute thrombotic thrombocytopenic purpura] Harefuah 92(6):272–4, 15 Mar 77 (Eng. Abstr.) **(Heb)**
ACUTE DISEASE/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ PURPURA, THROMBOTIC THROMBOPENIC, surgery/ *PURPURA, THROMBOTIC THROMBOPENIC, therapy/ SPLENECTOMY

5840. **Mani RL, Eisenberg RL:** The catheter wall simulating thrombus formation seen on pullout angiograms: an experimental study. Radiology 123(3):601–4, Jun 77
ANGIOGRAPHY/ *CATHETERIZATION/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *THROMBOSIS, radiography

5841. **Maniscalco BS, Gonzalez AC, Wenger NK:** Common pitfalls of perfusion lung scan interpretation. J Med Assoc Ga 65(10):383–6, Oct 76
AGED/ CASE REPORT/ FEMALE/ HUMAN/ LUNG DISEASES, diagnosis/ *LUNG/ MALE/ MIDDLE AGE/ PERFUSION/ *PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING

5842. **Manjula BN, Richards FF, Rosenstein RW:** The distance between the contact sites for DNP and menadione ligands in the combining region of myeloma proteins binding both haptens--I. Estimation of distance by fluorescent energy transfer in protein 460. Immunochemistry 13(11):929–37, Nov 76
ANIMAL/ *BINDING SITES, ANTIBODY/ BINDING, COMPETITIVE/ CYSTEINE/ *DINITROBENZENES, immunology/ ENERGY TRANSFER/ HAPTENS/ IGA/ MICE/ *MYELOMA PROTEINS, immunology/ *NITROBENZENES, immunology/ SPECTROMETRY, FLUORESCENCE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, immunology

5843. **Man'kova MD, Skipetrov VP:** Znachenie tkanevykh gemokoaguliruiushchikh substantsiĭ pri vospalenii legkikh Klin Med (Mosk) 55(3):113–9, Mar 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ COAGULANTS, pharmacodynamics/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *PNEUMONIA, LOBAR, blood/ TISSUE EXTRACTS

5844. **Mann FD:** Platelets, thrombosis, coagulation, and atherosclerosis [editorial] Postgrad Med 62(2):15–6, Aug 77
*ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ FEMALE/ HUMAN/ PREGNANCY/ *THROMBOSIS, chemically induced

5845. **Mann KG:** Prothrombin. Methods Enzymol 45:123–56, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS/ ANIMAL/ BLOOD COAGULATION/ CALCIUM, pharmacodynamics/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ENZYME ACTIVATION/ FLUORESCEINS/ HUMAN/ METHODS/ PROTEIN PRECURSORS, isolation & purification/ *PROTHROMBIN/ PROTHROMBIN, isolation & purification/ PROTHROMBIN, physiology/ SIALIC ACIDS/ SNAKE VENOMS/ VITAMIN K, pharmacodynamics

5846. **Mann W, Beck C:** Beitrag zur Aerosinusitis Arch Otorhinolaryngol (NY) 214(2):167–73, 15 Nov 76 (Eng. Abstr.) **(Ger)**
ADULT/ *AIR PRESSURE/ *ATMOSPHERIC PRESSURE/ CASE REPORT/ CHILD/

DECOMPRESSION SICKNESS, complications/ DIVING/ ENGLISH ABSTRACT/ HEMATOMA, etiology/ HUMAN/ MALE/ *SINUSITIS, etiology/ TIME FACTORS

5847. **Mannino FL:** Laboratory and blood bank needs of a perinatal center. Clin Perinatol 3(2):391–402, Sep 76
ANTICOAGULANTS/ *BLOOD BANKS/ BLOOD DONORS/ CITRATES/ DIAGNOSIS, LABORATORY/ HEPARIN/ HOSPITAL DEPARTMENTS/ *INTENSIVE CARE UNITS/ *LABORATORIES/ PRENATAL DIAGNOSIS, methods

5848. **Mannoni P, Rodet M, Beaujean F:** Transfusions de plaquettes Rev Fr Transfus Immunohematol 19(3):489–511, Sep 76 **(Fre)**
BLOOD PLATELETS, immunology/ *BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION, adverse effects/ *BLOOD TRANSFUSION, methods/ HEMORRHAGE, etiology/ HEMORRHAGE, therapy/ HL-A, analysis/ HUMAN/ SYNDROME/ THROMBOPENIA, complications/ THROMBOPENIA, therapy

5849. **Mannoni P, Beaujean F, Leforestier C:** Intérêt de l'utilisation des concentrés globulaires conservés par congélation au cours des circulations extra-corporelles Ann Anesthesiol Fr 17(12):1328–32, 1976 (Eng. Abstr.) **(Fre)**
*BLOOD PRESERVATION, methods/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ FREEZING/ HUMAN

5850. **Mannoni P, Rodet M, Bracq C:** Rôle dy système HLA dans les transfusions de plaquettes et de leucocytes. Rev Fr Transfus Immunohematol 20(1):49–55, Mar 77 **(Fre)**
ANEMIA, APLASTIC, blood/ *BLOOD PLATELETS, transplantation/ *BLOOD TRANSFUSION/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ *HL-A/ HUMAN/ LEUKEMIA, MYELOBLASTIC, blood/ *LEUKOCYTES, transplantation

5851. **Mannucci PM, Pareti FI, Holmberg L, et al:** Studies on the prolonged bleeding time in von Willebrand's disease. J Lab Clin Med 88(4):662–71, Oct 76
ADULT/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DEAMINO ARGININE VASOPRESSIN, pharmacodynamics/ *FACTOR VIII/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ *HEMOSTASIS/ HUMAN/ MALE/ *VON WILLEBRAND'S DISEASE, blood

5852. **Mannucci PM, Ruggeri ZM:** Hemophilia care in Italy. Thromb Haemostas 35(3):531–6, 30 Jun 76
AMBULATORY CARE/ BLOOD TRANSFUSION/ GEOGRAPHY/ HEMOPHILIA, occurrence/ *HEMOPHILIA, therapy/ HUMAN/ ITALY/ MALE

5853. **Mannucci PM, di Santo C, Franchi F:** Comparison of a natural heparinoid with sodium and calcium heparin for their effect on the inhibitor of activated factor X. Experientia 32(11):1478–80, 15 Nov 76
ADULT/ CALCIUM/ *FACTOR X, antagonists & inhibitors/ FACTOR X, metabolism/ *HEPARIN, pharmacodynamics/ *HEPARINOID, pharmacodynamics/ HUMAN/ SODIUM

5854. **Mannucci PM, Citterio LE, Panajotopoulos N:** Low-dose heparin and deep-vein thrombosis after total hip replacement. Thromb Haemostas 36(1):157–64, 31 Aug 76
ADULT/ AGED/ BLOOD TRANSFUSION/ FEMALE/ HEMORRHAGE, complications/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

5855. **Mannucci PM, Ruggeri ZM, Pareti FI, et al:** 1-Deamino-8-d-arginine vasopressin: a new pharmacological approach to the management of haemophilia and von Willebrands' diseases. Lancet I(8017):869–72, 23 Apr 77
ADOLESCENCE/ ADULT/ BIOPSY/ BLOOD COAGULATION TESTS/ CHOLECYSTECTOMY/ DEAMINO ARGININE VASOPRESSIN, administration & dosage/ *DEAMINO ARGININE VASOPRESSIN, therapeutic use/ DRUG EVALUATION/ FACTOR VIII, analysis/ FEMALE/ *HEMOPHILIA, drug therapy/ HEMORRHAGE, prevention & control/ *HEMOSTASIS, SURGICAL/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PREOPERATIVE CARE/ THORAX, surgery/ TONSILLECTOMY/ TOOTH EXTRACTION/ *VASOPRESSIN, analogs & derivatives/ *VON WILLEBRAND'S DISEASE, drug therapy

5856. **Mannucci PM:** Side effects of antihemophilic concentrates. Scand J Haematol (30):1–5, 1977
*ANEMIA, chemically induced/ *FACTOR VIII, adverse effects/ *HEMORRHAGE, chemically induced/ HUMAN/ *KIDNEY DISEASES, chemically induced/ *LIVER DISEASES, chemically induced/ RISK/ *THROMBOEMBOLISM, chemically induced

5857. **Mannucci PM:** Home care of haemophilia in Italy. Scand J Haematol (30):74–5, 1977
*HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN/ ITALY

5858. **Manny J, Romanoff H, Hyam E, et al:** Monitoring of intraoperative heparinization in vascular surgery. Surgery 80(5):641–3, Nov 76
AGED/ *BLOOD COAGULATION TESTS/ FEMALE/ *HEPARIN, blood/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPLASTIN, analysis/ *THROMBOSIS, prevention & control/ *VASCULAR SURGERY

5859. **Mant MJ, O'Brien BD, Thong KL, et al:** Haemorrhagic complications of heparin therapy. Lancet 1(8022):1133–5, 28 May 77
AGE FACTORS/ AGED/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ FEMALE/ *HEMORRHAGE, chemically induced/ HEMORRHAGE, occurrence/ HEPARIN, administration & dosage/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ MALE/ POSTOPERATIVE COMPLICATIONS, chemically induced/ POSTOPERATIVE COMPLICATIONS, occurrence/ PROSPECTIVE STUDIES/ RETROPERITONEAL SPACE/ SEX RATIO/ SWINE/ *THROMBOEMBOLISM, drug therapy/ THROMBOPHLEBITIS, drug therapy/ TIME FACTORS

5860. **Mant MJ, Fisk RL, Amy RW:** Case report: chronic disseminated intravascular coagulation due to occult carcinoma. Am J Med Sci 274(1):69–74, Jul-Aug 77
AGED/ AORTA, ABDOMINAL, surgery/ AORTIC ANEURYSM, surgery/ *CARCINOMA, EPIDERMOID, complications/ CASE REPORT/ CHRONIC DISEASE/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ LUNG DISEASES, etiology/ *LUNG NEOPLASMS, complications

5861. **Manuel ES, Seery WH, Cole AT:** Capillary hemangioma of the male urethra: case report with literature review. J Urol 117(6):804, Jun 77
CASE REPORT/ CHILD/ *HEMANGIOMA, diagnosis/ HUMAN/ MALE/ *URETHRAL NEOPLASMS, diagnosis

5862. **Manusharova RA, Mkrtumova NA:** Sostoianie vneshnesekretornogo apparata podzheludochnoĭ zhelezy u bol'nykh insulinomami Khirurgiia (Mosk) (9):87–90, Sep 76 (Eng. Abstr.) **(Rus)**
ADULT/ AMYLASE, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *ISLET CELL TUMOR, enzymology/ MALE/ MIDDLE AGE/ *PANCREAS, enzymology/ *PANCREATIC NEOPLASMS, enzymology/

TRYPSIN INHIBITORS, blood/ TRYPSIN, blood

5863. **Maples JA, Yokoyama MM, Inboriboon P, et al:** Platelet migration inhibition test for platelet antibodies. Parameters and simplified methodology.
Int Arch Allergy Appl Immunol 54(4):374–7, 1977
*ANTIBODIES, isolation & purification/ *BLOOD PLATELETS, immunology/ *CELL MIGRATION INHIBITION/ HISTOCOMPATIBILITY TESTING/ HL-A/ HUMAN

5864. **Mar F, Ruza F, Alvarado F, et al:** Trombósis venosa renal en hijos de madre diabética. An Esp Pediatr 10(4):323–32, Apr 77 **(Spa)**
CASE REPORT/ FEMALE/ HUMAN/ *INFANT, NEWBORN, DISEASES, etiology/ MALE/ MATERNAL-FETAL EXCHANGE/ *PREGNANCY IN DIABETES/ PREGNANCY/ *RENAL VEINS/ *THROMBOPHLEBITIS, congenital/ THROMBOPHLEBITIS, etiology/ WATER-ELECTROLYTE BALANCE

5865. **Mara JE, Baker JL Jr:** Hypertension and haematomas: prophylaxis with apresoline. Br J Plast Surg 30(2):169–70, Apr 77
AGED/ CASE REPORT/ *FACE, surgery/ FEMALE/ HEMATOMA, prevention & control/ HUMAN/ *HYDRALAZINE, therapeutic use/ *HYPERTENSION, drug therapy/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREMEDICATION/ *SURGERY, PLASTIC

5866. **Marca L, Caputo M, Nicolini A, et al:** Situazione emocoagulativa nella MEN prima e dopo exanguinotrasfusione. Minerva Pediatr 29(17):1141–4, 12 May 77 **(Ita)**
AFIBRINOGENEMIA, etiology/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ERYTHROBLASTOSIS, FETAL, blood/ ERYTHROBLASTOSIS, FETAL, complications/ ERYTHROBLASTOSIS, FETAL, therapy/ *EXCHANGE TRANSFUSION/ FEMALE/ HUMAN/ HYPOPROCONVERTINEMIA, etiology/ HYPOPROTHROMBINEMIAS, etiology/ INFANT, NEWBORN/ PREGNANCY

5867. **Marcadé LE:** La thrombose de l'artère rénale Infirm Fr (184):21–2, Apr 77 **(Fre)**
*RENAL ARTERY/ *THROMBOSIS

5868. **Marcel GA:** Contraceptifs et thrombose
Pathol Biol (Paris) 24(9):637–40, Nov 76 **(Fre)**
ANTITHROMBINS, physiology/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ FIBRINOLYSIS/ HUMAN/ PLATELET AGGREGATION, drug effects/ THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, occurrence/ *THROMBOSIS, chemically induced/ THROMBOSIS, occurrence

5869. **Marcelli A:** Médicaments et toxicité sanguine
Sem Hop Paris 53(8):497–502, 23 Feb 77 (Eng. Abstr.) **(Fre)**
AGRANULOCYTOSIS, chemically induced/ ANEMIA, HEMOLYTIC, ACQUIRED, chemically induced/ ANTIBODIES, analysis/ *BLOOD CELLS, drug effects/ CROSS REACTIONS/ *DRUG HYPERSENSITIVITY/ ENGLISH ABSTRACT/ *HEMATOLOGIC DISEASES, chemically induced/ HUMAN/ LEUKOPENIA, chemically induced/ PURPURA, THROMBOPENIC, chemically induced

5870. **Marciniszyn J Jr, Hartsuck JA, Tang J:** Mode of inhibition of acid proteases by pepstatin. J Biol Chem 251(22):7088–94, 25 Nov 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AMINO ACIDS, pharmacodynamics/ ANIMAL/ CATTLE/ HUMAN/ KINETICS/ *OLIGOPEPTIDES, pharmacodynamics/ *PEPSTATINS, pharmacodynamics/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RHIZOPUS, enzymology/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5871. **Marcoz JP:** Problèmes génétiques actuels de l'hémophilie et dépistage des conductrices. Praxis 66(27):830–5, 5 Jul 77 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ FEMALE/ GENETIC COUNSELING/ *HEMOPHILIA, familial & genetic/ HUMAN/ MALE

5872. **Marcus AJ, Silk ST, Safier LB, et al:** Superoxide production and reducing activity in human platelets. J Clin Invest 59(1):149–58, Jan 77
ASPIRIN/ *BLOOD PLATELETS, enzymology/ CELL MEMBRANE/ CYTOCHROME C/ EDTA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ IN VITRO/ LEUKOCYTES/ NITROBLUE TETRAZOLIUM/ OXIDATION-REDUCTION/ PLATELET AGGREGATION/ *SUPEROXIDE DISMUTASE, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5873. **Marcuzzi G, Lafisca MT:** Contributo alla conoscenza degli enzimi digestivi negli animali trasformatori Riv Biol 69(1–2):77–94, Jan–Jun 76 **(Ita)**
ANIMAL/ ESTERASES, metabolism/ *INSECTS, enzymology/ *MOLLUSCA, enzymology/ PEPTIDE HYDROLASES, metabolism

5874. **Marder R, Becker JM, Naider F:** Peptide transport in yeast: utilization of leucine- and lysine-containing peptides by Saccharomyces cerevisiae. J Bacteriol 131(3):906–16, Sep 77
BIOLOGICAL TRANSPORT, ACTIVE/ LEUCINE, metabolism/ LYSINE, metabolism/ MUTATION/ OLIGOPEPTIDES, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PEPTIDES, metabolism/ PHENYLALANINE, metabolism/ SACCHAROMYCES CEREVISIAE, enzymology/ SACCHAROMYCES CEREVISIAE, growth & development/ *SACCHAROMYCES CEREVISIAE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5875. **Marder RJ, Fiedel BA, Osmand AP, et al:** Inhibition of rabbit platelet aggregation and clot retraction by rabbit and human c-reactive proteins. Proc Soc Exp Biol Med 155(1):44–7, May 77
ANIMAL/ ASCITIC FLUID, analysis/ BLOOD PLATELETS/ C-REACTIVE PROTEIN, isolation & purification/ *C-REACTIVE PROTEIN, physiology/ CELL SEPARATION/ *CLOT RETRACTION/ HUMAN/ *PLATELET AGGREGATION/ PLEURAL EFFUSION, analysis/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5876. **Marder VJ:** The functional defects of hereditary dysfibrinogens. Thromb Haemostas 36(1):1–8, 31 Aug 76
*BLOOD PROTEIN DISORDERS/ BLOOD PROTEIN DISORDERS, familial & genetic/ FACTOR XIII/ *FIBRINOGEN/ FIBRINOGEN, metabolism/ FIBRINOLYSIN/ HALF-LIFE/ HUMAN/ MOLECULAR WEIGHT/ THROMBIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5877. **Marder VJ, Soulen RL, Atichartakarn V, et al:** Quantitative venographic assessment of deep vein thrombosis in the evaluation of streptokinase and heparin therapy.
J Lab Clin Med 89(5):1018–29, May 77
ADOLESCENCE/ ADULT/ BLOOD COAGULATION/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DRUG EVALUATION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ FIBRIN/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY, methods/ PROTHROMBIN TIME/ STREPTOKINASE, administration & dosage/ *STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5878. **Marder VJ, Cruz GO, Schumer BR:** Evaluation of a new anti-fibrinogen-coated latex particle agglutination test in the measurement of serum fibrin degradation products. Thromb Haemostas 37(2):183–91, 30 Apr 77
COMPARATIVE STUDY/ *FIBRIN

FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOASSAY/ *LATEX FIXATION TESTS/ THROMBOSIS, diagnosis

5879. **Marengo-Rowe AJ, Leveson JE:** Evaluation of the bleeding patient. Postgrad Med 62(1):171–7, Jul 77
BLOOD VESSELS, injuries/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *HEMORRHAGE, diagnosis/ HEMORRHAGE, etiology/ HEMORRHAGIC DIATHESIS, complications/ HEMOSTASIS/ HUMAN/ MEDICAL HISTORY TAKING/ PHYSICAL EXAMINATION

5880. **Marennikova SS, Shelukhina EM, Matsevich GR, et al:** An antigenically atypical strain of variola virus. J Gen Virol 33(3):513–5, Dec 76
*ANTIGENS, VIRAL/ GEL DIFFUSION TESTS/ *SMALLPOX VIRUS, immunology/ SPECIES SPECIFICITY/ TRYPSIN, pharmacodynamics/ VACCINIA VIRUS, immunology

5881. **Mares-Guia M, Nelson DL, Rogana E:** Electronic effects in the interaction of para-substituted benzamidines with trypsin: the involvement of the pi-electronic density at the central atom of the substituent in binding. J Am Chem Soc 99(7):2331–6, 30 Mar 77
*AMIDINES/ AMIDINES, chemical synthesis/ *BENZAMIDINES/ BENZAMIDINES, chemical synthesis/ BINDING, COMPETITIVE/ *TRYPSIN INHIBITORS, chemical synthesis/ *TRYPSIN/ X-RAY DIFFRACTION

5882. **Margalit R, Gidron E, Shalitin Y:** A new method for the determination of plasma activators fibrinolysis. Thromb Haemostas 37(2):210–5, 30 Apr 77
FIBRINOGEN, analysis/ HUMAN/ METHODS/ *PLASMINOGEN ACTIVATORS, analysis/ SERUM GLOBULINS

5883. **Margolis IB, Carnazzo AJ, Finn MP:** Intramural hematoma of the duodenum. Am J Surg 132(6):779–83, Dec 76
AGED/ CASE REPORT/ CHILD/ DUODENAL DISEASES, surgery/ *DUODENAL DISEASES, therapy/ FEMALE/ HEMATOMA, surgery/ *HEMATOMA, therapy/ HUMAN/ LENGTH OF STAY/ MALE/ MIDDLE AGE

5884. **Margolis MG:** Lekarstvennye rasteniia v oftal'mologii (obzor literatury) Vestn Oftalmol (6):81–3, Nov-Dec 76 (21 ref.) **(Rus)**
ABSORPTION/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ CENTRAL NERVOUS SYSTEM, drug effects/ DIURETICS, therapeutic use/ HEMOSTATICS, therapeutic use/ HUMAN/ HYPOGLYCEMIC AGENTS, therapeutic use/ *OPHTHALMOLOGY/ PLANT EXTRACTS, therapeutic use/ *PLANTS, MEDICINAL/ REVIEW/ STIMULATION, CHEMICAL

5885. **Margolis S:** Physician strategies for the prevention of coronary heart disease. Johns Hopkins Med J 141(3):170–6, Sep 77 (47 ref.)
BLOOD COAGULATION DISORDERS, complications/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ CORONARY DISEASE, etiology/ *CORONARY DISEASE, prevention & control/ DIABETES MELLITUS, complications/ DIETARY FATS/ EXERTION/ FATS, UNSATURATED/ FEMALE/ HUMAN/ HYPERLIPEMIA, complications/ HYPERTENSION, complications/ LIPOPROTEINS, metabolism/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, prevention & control/ OBESITY, complications/ PERSONALITY/ PREGNANCY/ RECURRENCE/ REVIEW/ RISK/ SMOKING, complications

5886. **Margolius HS, Chao J, Kaizu T:** The effects of aldosterone and spironolactone on renal kallikrein in the rat. Clin Sci Mol Med 51 Suppl 3:279s–282s, Dec 76
*ALDOSTERONE, pharmacodynamics/ ANIMAL/ CELL COUNT/ ENZYME INDUCTION/ IN VITRO/ *KALLIKREIN, metabolism/ KIDNEY CORTEX, enzymology/ MALE/ RATS/ *SPIRONOLACTONE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5887. **Marguerie G, Chagniel G, Suscillon M:** The binding of calcium to bovine fibrinogen. Biochim Biophys Acta 490(1):94–103, 25 Jan 77
ANIMAL/ BINDING SITES/ *CALCIUM, metabolism/ CATTLE/ DIALYSIS/ *FIBRINOGEN, metabolism/ HISTIDINE, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MAGNESIUM, pharmacodynamics

5888. **Margulis MS, Savchenko VB, Tsera VIa:** Intensivnaia terapiia oslozhnenii sepsisa. Khirurgiia (Mosk) (6):71–4, Jun 77 (Eng. Abstr.) **(Rus)**
ADULT/ CASE REPORT/ CAVERNOUS SINUS/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MENINGOENCEPHALITIS, drug therapy/ MENINGOENCEPHALITIS, etiology/ SEPTICEMIA, complications/ *SEPTICEMIA, drug therapy/ *STAPHYLOCOCCAL INFECTIONS, drug therapy/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology

5889. **Mariani G, Strober W, Keiser H, et al:** Pathophysiology of hypoalbuminemia associated with carcinoid tumor. Cancer 38(2):854–60, Aug 76
ADULT/ AGED/ ALBUMINS, metabolism/ BODY WEIGHT/ *CARCINOID TUMOR, blood/ CARCINOID TUMOR, complications/ CARCINOID TUMOR, metabolism/ DIARRHEA, complications/ FEMALE/ HEART DISEASES, complications/ HUMAN/ LIVER, metabolism/ LIVER, pathology/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ PROTHROMBIN TIME/ *SERUM ALBUMIN, deficiency/ TRANSFERRIN, metabolism

5890. **Marie J, Garreau H, Kahn A:** Evidence for a postsynthetic proteolytic transformation of human erythrocyte pyruvate kinase into L-type enzyme. FEBS Lett 78(1):91–4, 1977
*ENZYME PRECURSORS, blood/ *ERYTHROCYTES, enzymology/ HUMAN/ *ISOENZYMES, blood/ LIVER, enzymology/ MOLECULAR WEIGHT/ *PYRUVATE KINASE, blood/ PYRUVATE KINASE, isolation & purification/ TRYPSIN, metabolism

5891. **Marinetti TD, Snyder GH, Sykes BD:** Nuclear magnetic resonance determination of intramolecular distances in bovine pancreatic trypsin inhibitor using nitrotyrosine chelation of lanthanides. Biochemistry 15(21):4600–8, 19 Oct 76
BINDING SITES/ CATTLE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ *METALS, RARE EARTH/ NUCLEAR MAGNETIC RESONANCE/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *TRYPSIN INHIBITOR, KAZAL PANCREATIC/ *TRYPSIN INHIBITORS/ *TYROSINE, analogs & derivatives/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5892. **Marinetti TD, Snyder GH, Sykes BD:** Nitrotyrosine chelation of nuclear magnetic resonance shift probes in proteins: application to bovine pancreatic trypsin inhibitor. Biochemistry 16(4):647–53, 22 Feb 77
BINDING SITES/ CATTLE/ KINETICS/ MATHEMATICS/ NUCLEAR MAGNETIC RESONANCE/ PROTEIN BINDING/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN INHIBITOR, KAZAL PANCREATIC/ *TRYPSIN INHIBITORS/ *TYROSINE, analogs & derivatives

5893. **Marjanovic B, Bjelic S:** Lečenje i nega komatoznog deteta. Nar Zdrav 32(3–4):182–6, Mar-Apr 76 **(Scr)**
ACID-BASE IMBALANCE, complications/ ASPIRIN, therapeutic use/ BACTERIAL INFECTIONS, complications/ BRAIN NEOPLASMS, complications/ CHILD/ COMA, diagnosis/ *COMA, drug therapy/ COMA, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HUMAN/ MANNITOL, therapeutic use/ TRANQUILIZING AGENTS, therapeutic use/ UREA, therapeutic use

5894. **Markham RJ, Wilkie BN:** Influence of detergent on aerosol allergic sensitization with enzymes of Bacillus subtilis. Int Arch Allergy Appl Immunol 51(5):529–43, 1976
AEROSOLS/ ANIMAL/ *BACILLUS SUBTILIS, enzymology/ *BENZENESULFONATES/ BENZENESULFONATES, pharmacodynamics/ CELL MIGRATION INHIBITION/ CELL-FREE SYSTEM/ FEMALE/ GUINEA PIGS/ HEMAGGLUTINATION TESTS/ MACROPHAGES, immunology/ PEPTIDE HYDROLASES, pharmacodynamics/ RESPIRATION, drug effects/ *RESPIRATORY HYPERSENSITIVITY, etiology/ RESPIRATORY HYPERSENSITIVITY, mortality

5895. **Markland FS, Pirkle H:** Characterization of a thrombin-like enzyme from Crotalus adamanteus (Eastern diamondback rattlesnake) [proceedings]. Toxicon 14(6):412–3, 76
ANIMAL/ DOGS/ HUMAN/ IN VITRO/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *SNAKE VENOMS, analysis/ *THROMBIN/ THROMBIN, analysis

5896. **Markland FS, Pirkle H:** Thrombin-like enzyme from the venom of Crotalus adamanteus (eastern diamondback rattlesnake). Thromb Res 10(3):487–94, Mar 77
ANIMAL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRINOGEN, metabolism/ HUMAN/ PEPTIDE FRAGMENTS, metabolism/ *SNAKE VENOMS, analysis/ SNAKES/ *THROMBIN, isolation & purification/ THROMBIN, pharmacodynamics

5897. **Markland FS Jr:** Crotalase. Methods Enzymol 45:223–36, 1976
AMINO ACIDS, analysis/ ANIMAL/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DRUG STABILITY/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *SNAKE VENOMS/ SNAKE VENOMS, isolation & purification/ SNAKE VENOMS, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

5898. **Markosian AA, Lisovskaia IL, Markosian RA:** Elektrokineticheskie kharakteristiki i mezhkletochnye vzaimodeĭstviia formennykh élementov krovi. Usp Fiziol Nauk 8(1):91–108, Jan-Mar 77 (81 ref.) **(Rus)**
ANTIBODIES/ BLOOD CELLS, drug effects/ *BLOOD CELLS, physiology/ BLOOD PLATELETS, drug effects/ CELL MEMBRANE, physiology/ ELECTROLYTES, pharmacodynamics/ ELECTROPHORESIS/ ELECTROPHYSIOLOGY/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, physiology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES, pharmacodynamics/ PLATELET AGGREGATION/ POLYSACCHARIDES, pharmacodynamics/ PROTEINS, pharmacodynamics/ REVIEW/ SOLVENTS, pharmacodynamics

5899. **Markovski S:** Efekt na kheparin i proizvodnite mu vurkhu nivoto na kruvnata zakhar i kruvnite lipidni fraktsii u bolni sus zakharen diabet. Vutr Boles 16(2):87–94, 1977 (Eng. Abstr.) **(Bul)**
ADULT/ *BLOOD SUGAR, analysis/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DIABETES MELLITUS, blood/ *DIABETES MELLITUS, drug therapy/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, analogs & derivatives/ HEPARIN, blood/ *HEPARIN, therapeutic use/ HUMAN/ *LIPIDS, blood/ LIPOPROTEIN LIPASE, blood/ MALE/ MIDDLE AGE/ PHOSPHOLIPIDS, blood

5900. **Marks DB, Keller BJ:** Proteolytic digestion of histones indicates that the nucleosomes of nuclei and of sheared chromatin are similar. Biochem Biophys Res Commun 74(1):134–9, 10 Jan 77
ANIMAL/ CATTLE/ *CELL NUCLEUS, ultrastructure/ *CHROMATIN, ultrastructure/ CHYMOTRYPSIN/ *HISTONES/ HISTONES, metabolism/ KINETICS/ *THYMUS GLAND, ultrastructure/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5901. **Marks N:** Biodegradation of hormonally active peptides in the central nervous system. pp. 129–47.
In: Naftolin F, et al., ed. Subcellular mechanisms in reproductive neuroendocrinology. Amsterdam, Elsevier, 1976. WQ 205 S991s 1975. (68 ref.)
ANGIOTENSIN, metabolism/ ANIMAL/ BRAIN, enzymology/ *BRAIN, metabolism/ CATHEPSIN, isolation & purification/ CATHEPSIN, metabolism/ *HORMONES, metabolism/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, metabolism/ KINETICS/ KININS, metabolism/ LH-FSH RELEASING HORMONE, metabolism/ MONOGRAPH/ MSH RELEASE INHIBITING HORMONE, metabolism/ OXYTOCIN, metabolism/ *PEPTIDE HYDROLASES, metabolism/ REVIEW/ SOMATOTROPIN RELEASE INHIBITING HORMONE, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBSTANCE P, metabolism/ THYROTROPIN RELEASING HORMONE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASOPRESSIN, metabolism

5902. **Marks N, Grynbaum A, Levine S:** Proteolytic enzymes in ordinary, hyperacute, monocytic and passive transfer forms of experimental allergic encephalomyelitis. Brain Res 123(1):147–57, 4 Mar 77
ACUTE DISEASE/ ANIMAL/ *BRAIN, enzymology/ CARBOXYPEPTIDASES, metabolism/ CATHEPSIN, metabolism/ *ENCEPHALOMYELITIS, ALLERGIC, enzymology/ ENCEPHALOMYELITIS, ALLERGIC, etiology/ MONOCYTES, transplantation/ PASSIVE TRANSFER/ *PEPTIDE HYDROLASES, metabolism/ RATS/ *SPINAL CORD, enzymology/ SPLEEN, enzymology

5903. **Markus G, Evers JL, Hobika GH:** Activator activities of the transient forms of the human plasminogen-streptokinase complex during its proteolytic conversion to the stable activator complex. J Biol Chem 251(21):6495–504, 10 Nov 76
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ HUMAN/ KINETICS/ MACROMOLECULAR SYSTEMS/ *PLASMINOGEN, metabolism/ PROTEIN BINDING/ *STREPTOKINASE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5904. **Markvardm F:** Farmakologicheskie osnovy antitromboticheskoĭ terapii. Klin Med (Mosk) 55(7):17–23, Jul 77 **(Rus)**
*ANTICOAGULANTS, therapeutic use/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *THROMBOSIS, drug therapy

5905. **Markwardt F, Nowak G, Meerbach W, et al:** The influence of drugs on disseminated intravascular coagulation (DIC). I. Effects of antifibrinolytics and fibrinolytics on thrombin-induced DIC in rats. Thromb Res 9(2):143–52, Aug 76
*AMINOBENZOIC ACIDS, therapeutic use/ ANIMAL/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ASPERGILLUS, isolation & purification/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, therapeutic use/ HEMOSTASIS, drug effects/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ MALE/ OXYGEN CONSUMPTION, drug effects/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, therapeutic use/ RATS/ *THROMBIN, pharmacodynamics

5906. **Markwardt F, Klöcking HP, Sedlařik K, et al:** Tierexperimentelle Untersuchungen zur thrombolytischen Wirkungvon Streptokinase Acta Biol Med Ger 35(2):193–203, 1976 (Eng. Abstr.) **(Ger)**

ANGIOGRAPHY/ ANIMAL/ DOGS/ DRUG SCREENING/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS/ RABBITS/ RATS/ *STREPTOKINASE, pharmacodynamics/ THROMBOSIS, drug therapy

5907. **Markwardt F:** Biochemisch-pharmakologische Grundlagen der antithrombotischen Therapie
Folia Haematol (Leipz) 103(3):293-312, 1976 **(Ger)**
ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION, drug effects/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, pharmacodynamics/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HIRUDIN, therapeutic use/ HUMAN/ STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology/ UROKINASE, therapeutic use

5908. **Markwardt F, Glusa E, Barthel W:** Influence of dihydroergotoxine on platelet aggregation in rabbits.
Thromb Res 10(6):783-9, Jun 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *DIHYDROERGOTOXINE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FIBRIN, physiology/ FIBRINOGEN, analysis/ HEMOGLOBINS/ *PLATELET AGGREGATION, drug effects/ RABBITS/ THROMBIN, pharmacodynamics

5909. **Marmasse J:** Indications thérapeutiques dans quatre cas d'hemangiomes Phlebologie 29(1):49-54, Jan-Mar 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ ARTERIOVENOUS MALFORMATIONS, complications/ ARTERIOVENOUS MALFORMATIONS, surgery/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, complications/ HUMAN/ MALE/ MIDDLE AGE/ SCLEROSING SOLUTIONS/ VARICOSE VEINS, complications/ VARICOSE VEINS, surgery/ *VARICOSE VEINS, therapy

5910. **Marmion LC, Desser KB, Lilly RB, et al:** Reversible thrombocytosis and anemia due to miconazole therapy.
Antimicrob Agents Chemother 10(3):447-9, Sep 76
ADOLESCENCE/ ADULT/ AGED/ *ANEMIA, chemically induced/ COCCIDIOIDOMYCOSIS, drug therapy/ FEMALE/ HUMAN/ *IMIDAZOLES, adverse effects/ INFUSIONS, PARENTERAL/ MALE/ MICONAZOLE, administration & dosage/ *MICONAZOLE, adverse effects/ MIDDLE AGE/ *THROMBOCYTOSIS, chemically induced

5911. **Marmor L:** Results of single compartment arthroplasty with acrylic cement fixation. A minimum follow-up of two years.
Clin Orthop (122):181-8, Jan-Feb 77
AGED/ *ARTHROPLASTY/ ASPIRIN, therapeutic use/ *BONE CEMENTS/ CONTRACTURE, etiology/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ JOINT DISEASES, surgery/ *JOINT PROSTHESIS/ *KNEE JOINT, surgery/ MALE/ MIDDLE AGE/ OSTEOARTHRITIS, surgery/ POSTOPERATIVE COMPLICATIONS/ THROMBOPHLEBITIS, etiology/ TIME FACTORS

5912. **Marmor L:** Total knee replacement in hemophilia.
Clin Orthop (125):192-5, Jun 77
ADULT/ ARTHRITIS, etiology/ *ARTHRITIS, surgery/ ARTHROPLASTY/ CASE REPORT/ *HEMOPHILIA/ HEMOPHILIA, complications/ HUMAN/ *KNEE JOINT, surgery/ MALE/ MIDDLE AGE/ SYNOVIAL MEMBRANE, surgery

5913. **Marmur A, Gill WN, Ruckenstein E:** Kinetics of cell deposition under the action of an external field.
Bull Math Biol 38(06):713-21, 1976
BLOOD PLATELETS/ *CELL ADHESION/ *CELL MOVEMENT/ CENTRIFUGATION/ GRAVITATION/ MATHEMATICS/ MODELS, BIOLOGICAL

5914. **Marmur A, Ruckenstein E, Rakower SR:** Physico-chemical explanation of blood cell adhesion in thrombus formation.
Thromb Haemostas 36(2):430-40, 30 Nov 76
ADENOSINE DIPHOSPHATE, blood/ CELL ADHESION/ CHEMISTRY, PHYSICAL/ ELECTROCHEMISTRY/ ERYTHROCYTES/ *MODELS, BIOLOGICAL/ *PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ *THROMBOSIS, blood/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

5915. **Maroñas JM, Rufilanchas JJ, Villagra F, et al:** Manejo de la disfunción valvular. Nuestra experiencia con la prótesis de disco de Björk-Shiley Rev Esp Cardiol 29(6):553-6, Nov-Dec 76 (Eng. Abstr.) **(Spa)**
ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ *HEART FAILURE, CONGESTIVE, surgery/ *HEART VALVE PROSTHESIS, methods/ HUMAN/ MALE/ RECURRENCE/ SURGICAL WOUND DEHISCENCE, surgery/ THROMBOSIS, surgery

5916. **Maroñas JM, Rufilanchas JJ, Villagra F, et al:** Reoperation for dysfunction of the Björk-Shiley mitral disc prosthesis: report of eight cases. Am Heart J 93(3):316-20, Mar 77
ADULT/ ENDOCARDITIS, surgery/ FEMALE/ *HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, instrumentation/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, etiology/ *MITRAL VALVE INSUFFICIENCY, surgery/ MITRAL VALVE STENOSIS, etiology/ *MITRAL VALVE STENOSIS, surgery/ *MITRAL VALVE, surgery/ PROGNOSIS/ SUTURE TECHNICS/ THROMBOSIS, surgery

5917. **Marosi Z, Krizsa F, Rák K:** Thrombocytopoietic serum activity in thrombocytopenia induced by antithrombocytic serum in mice. Haematologia (Budap) 10(2):249-53, 1976
ANIMAL/ *BLOOD PLATELETS/ FEMALE/ HEMATOPOIESIS/ IMMUNE SERUMS/ MALE/ METHIONINE, metabolism/ MICE/ MICE, INBRED BALB C/ PASSIVE TRANSFER/ THROMBOPENIA, etiology/ *THROMBOPENIA, physiopathology

5918. **Marquez ED:** Binding of concanavalin A by normal, herpes virus-transformed, and trypsin-treated hamster embryo fibroblasts. Exp Cell Res 101(2):425-9, Sep 76
CELL LINE/ *CELL MEMBRANE, metabolism/ *CELL TRANSFORMATION, NEOPLASTIC/ *CONCANAVALIN A, metabolism/ HERPESVIRUSES/ METHYLMANNOSIDES, pharmacodynamics/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5919. **Marsh BT:** Preservatives in heparin [letter]. Lancet 1(8016):860, 16 Apr 77
*CRESOLS, adverse effects/ DRUG HYPERSENSITIVITY/ *HEPARIN, administration & dosage/ *PHARMACEUTIC AIDS

5920. **Marshak RKh:** Vypadok khvoroby Kazabakha-Merrytta u dytyny 11 misiatsiv. Pediatr Akush Ginekol (2):29-30, Mar-Apr 77 **(Ukr)**
CASE REPORT/ *HEMANGIOMA, pathology/ HUMAN/ INFANT/ MALE/ *PURPURA, THROMBOPENIC, pathology/ *SKIN NEOPLASMS, pathology/ SYNDROME

5921. **Marshall EF, Campbell IC:** A method for the determination of platelet and plasma monoamine oxidase in whole blood.
Biochem Pharmacol 26(4):353-4, 15 Feb 77
BENZYLAMINES/ *BLOOD PLATELETS, enzymology/ CENTRIFUGATION/ CLORGYLINE, pharmacodynamics/ HUMAN/ IN VITRO/ KINETICS/ METHODS/ *MONOAMINE OXIDASE, blood/ PARGYLINE, pharmacodynamics/ *PLASMA, enzymology/ SEMICARBAZIDES, pharmacodynamics

5922. **Marshall FF, Walsh PC:** Extrarenal manifestations of renal cell carcinoma. J Urol 117(4):439-40, Apr 77
ADENOCARCINOMA, complications/ *ADENOCARCINOMA, diagnosis/ AMYLOIDOSIS, complications/ ANEMIA, etiology/ CUSHING'S SYNDROME, complications/ DIAGNOSIS, DIFFERENTIAL/ FEVER, etiology/ GASTROINTESTINAL DISEASES, etiology/ HUMAN/ HYPERCALCEMIA, etiology/ HYPERTENSION, etiology/ KIDNEY NEOPLASMS, complications/ *KIDNEY NEOPLASMS, diagnosis/ NEOPLASM METASTASIS/ NEOPLASTIC ENDOCRINE-LIKE SYNDROMES/

POLYCYTHEMIA, etiology/ POLYNEURITIS, etiology/ THROMBOPHLEBITIS, etiology

5923. **Marshall FN:** Vocational rehabilitation and the hemophiliac. Mt Sinai J Med NY 44(3):464–9, May–Jun 77
ADULT/ CASE REPORT/ CHILD/ COUNSELING/ EDUCATION/ EMPLOYMENT/ *HEMOPHILIA, rehabilitation/ HUMAN/ MALE/ PATIENT CARE TEAM/ *REHABILITATION, VOCATIONAL

5924. **Marshall JJ, Rabinowitz ML:** Modification of the properties of trypsin by covalent attachment of polysaccharide. p. 399.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
BINDING SITES/ DRUG STABILITY/ MONOGRAPH/ OLIGOSACCHARIDES, pharmacodynamics/ *POLYSACCHARIDES, pharmacodynamics/ PROTEIN BINDING/ *TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5925. **Marshall LR, Campbell AL, Anderson JC, et al:** Routine freezing of red blood cells for transfusion in Western Australia. Pathology 8(4):281–8, Oct 76
AUSTRALIA/ BLOOD PRESERVATION, instrumentation/ *BLOOD PRESERVATION, methods/ *BLOOD TRANSFUSION/ ERYTHROCYTE AGING/ *ERYTHROCYTES/ ERYTHROCYTES, metabolism/ ERYTHROCYTES, transplantation/ *FREEZING/ HEMOGLOBINOMETRY/ HUMAN/ NITROGEN/ OSMOTIC FRAGILITY/ STERILIZATION

5926. **Marshall M, Lisson G:** Untersuchungen zur Frage der Abdichtung von Kunstsoffgefässprothesen Vasa 5(2):122–4, 1976 **(Ger)**
ANIMAL/ BLOOD PLATELETS/ *BLOOD VESSEL PROSTHESIS, standards/ MICROSCOPY, ELECTRON, SCANNING/ SWINE

5927. **Marshall M, Fdez J, De Quiros B, et al:** Wirkung von Nikotin auf Plättchenaggregation und Blutviskosität beim Miniaturschwein in vivo Vasa 5(4):287–92, 1976 (Eng. Abstr.) **(Ger)**
ANIMAL/ *BLOOD VISCOSITY, drug effects/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ FEMALE/ HEMATOCRIT/ MALE/ *NICOTINE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION, drug effects/ SWINE

5928. **Marshall M, de Quiros J, Fdez B, et al:** Wirkung von Tabakrauch und Kohlenmonoxyd auf die Thrombozyten-Aggregation und -Adhäsion in vivo beim Miniaturschwein. Verh Dtsch Ges Inn Med 82 Pt 2:1934–7, 1976 **(Ger)**
ANIMAL/ *CARBON MONOXIDE, adverse effects/ FEMORAL ARTERY, drug effects/ MICROSCOPY, ELECTRON, SCANNING/ *PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION, drug effects/ *SMOKING, complications/ *SWINE, physiology/ TOBACCO

5929. **Marshall WH Jr, Easter W, Zatz LM:** Analysis of the dense lesion at computed tomography with dual kVp scans. Radiology 124(1):87–9, Jul 77
*BRAIN NEOPLASMS, radiography/ *CALCINOSIS, radiography/ CEREBELLAR DISEASES, radiography/ CEREBRAL EMBOLISM AND THROMBOSIS, radiography/ *CEREBRAL HEMORRHAGE, radiography/ HEMATOMA, radiography/ HUMAN/ MENINGIOMA, radiography/ NEOPLASM METASTASIS/ OLIGODENDROGLIOMA, radiography/ SARCOMA, radiography/ *SUBTRACTION TECHNIC/ *TOMOGRAPHY, COMPUTERIZED AXIAL, methods

5930. **Marthouret M, Saucier T, Raphael B, et al:** Hémangiome caverneux des os propres du nez. A propos de 2 observations Ann Chir Plast 22(1):77–80, 1977 (Eng. Abstr.) **(Fre)**
ADULT/ BONE AND BONES, transplantation/ *BONE NEOPLASMS, surgery/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ ILIUM, surgery/ MALE/ *NASAL BONE/ *NOSE NEOPLASMS, surgery/ *NOSE/ TRANSPLANTATION, AUTOLOGOUS

5931. **Marti MC:** Angiome splénique avec thrombocytopénie Schweiz Med Wochenschr 106(21):717–9, 22 May 76 **(Ger)**
ADULT/ CASE REPORT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ SPLENECTOMY/ *SPLENIC DISEASES, complications/ SPLENOMEGALY, surgery/ *THROMBOPENIA, etiology

5932. **Mart'ianov SG:** Dlitel'naia vnutriarterial'naia terapiia v kompleksnom lechenii anaerobnoĭ gangreny Khirurgiia (Mosk) (6):72–4, Jun 76 **(Rus)**
ADULT/ CASE REPORT/ DRUG COMBINATIONS/ *GAS GANGRENE, therapy/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ *HYDROGEN PEROXIDE, administration & dosage/ HYDROGEN PEROXIDE, therapeutic use/ *IMMUNE SERUMS, administration & dosage/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ *PENICILLINS, administration & dosage/ PENICILLINS, therapeutic use/ SEROTHERAPY

5933. **Martin BM, Wasiewski WW, Fenton JW 2d, et al:** Equilibrium binding of thrombin to platelets. Biochemistry 15(22):4886–93, 2 Nov 76
BINDING SITES/ BINDING, COMPETITIVE/ *BLOOD PLATELETS, metabolism/ CALCIUM, metabolism/ HUMAN/ KINETICS/ SERUM ALBUMIN, BOVINE/ *THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5934. **Martin GJ, Shapiro SC:** Another example of serious group A streptococcal disease [letter]. J Pediatr 89(5):862, Nov 76
ADOLESCENCE/ CASE REPORT/ *DERMATITIS EXFOLIATIVA, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ KIDNEY FAILURE, ACUTE, etiology/ MALE/ *STREPTOCOCCAL INFECTIONS, complications/ STREPTOCOCCUS PYOGENES

5935. **Martin JP, Chevance LG:** Génétique du système des inhibiteurs protéasiques et otospongiose Ann Otolaryngol Chir Cervicofac 93(12):733–6, Dec 76 (Eng. Abstr.) **(Fre)**
ALPHA 1-ANTITRYPSIN, physiology/ EAR, MIDDLE, drug effects/ ENGLISH ABSTRACT/ FRANCE/ HUMAN/ *OTOSCLEROSIS, familial & genetic/ OTOSCLEROSIS, occurrence/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENOTYPE/ TRYPSIN, physiology

5936. **Martin KJ:** The formation of a platelet adhesive factor by disruption of the creatine phosphokinase molecule. J Pathol 120(1):1–16, Sep 76
AMINO ACIDS, analysis/ ANIMAL/ BLOOD CELL COUNT/ CHROMATOGRAPHY, ION EXCHANGE/ CREATINE KINASE, analysis/ *CREATINE KINASE, blood/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLUTATHIONE/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ MALE/ *PLATELET ADHESIVENESS/ RABBITS/ ULTRACENTRIFUGATION

5937. **Martin L:** Arterial blood oxygen tension in pulmonary embolism [letter] Am J Med 63(1):168, Jul 77
ARTERIES/ HUMAN/ *OXYGEN, blood/ *PULMONARY EMBOLISM, blood/ PULMONARY EMBOLISM, physiopathology

5938. **Martin M, Engelken HJ, Tambert F, et al:** Die Defibrinierungstherapie mit einem Thrombin-ähnlichen Schlangengiftenzym (Defibrase). Gerinnungsphysiologische Beobachtungen und klinische Erfahrungen Vasa Suppl 5:1–39, 1976 **(Ger)**
ADULT/ AGED/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ BLOOD COAGULATION, drug effects/ DRUG EVALUATION/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ REPTILASE, administration &

dosage/ REPTILASE, pharmacodynamics/ *REPTILASE, therapeutic use

5939. **Martin M:** On the reliability of plasminogen measurement employing the proactivator-activator converting method. Thromb Haemostas 36(3):551-65, 31 Dec 76
ADULT/ COMPARATIVE STUDY/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, analysis/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ IMMUNOASSAY/ MALE/ METHODS/ MIDDLE AGE/ PLASMINOGEN ACTIVATORS/ *PLASMINOGEN, analysis/ STREPTOKINASE, pharmacodynamics/ THROMBELASTOGRAPHY, methods/ UROKINASE, pharmacodynamics

5940. **Martin M:** Quantitative streptokinase determination in plasma of patients undergoing thrombolytic therapy. Semin Thromb Hemostas 2(1):33-41, Jul 75
BLOOD COAGULATION TESTS, methods/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *STREPTOKINASE, blood

5941. **Martin M:** Studies on activator formation in human plasma with streptokinase. III. Investigation of activator kinetics in undiluted plasma in terms of urokinase equivalents. Thromb Haemostas 36(3):566-81, 31 Dec 76
FIBRINOLYSIN, analysis/ HUMAN/ *PEPTIDE PEPTIDOHYDROLASES, blood/ *PLASMINOGEN ACTIVATORS, analysis/ PLASMINOGEN, analysis/ STREPTOKINASE, blood/ *STREPTOKINASE, pharmacodynamics/ THROMBELASTOGRAPHY, methods/ TIME FACTORS/ *UROKINASE, blood

5942. **Martin M, Auel H, Bopp J, et al:** Behandlung von Arteria-iliaca-Stenosen mit niedrig dosierter Streptokinase Dtsch Med Wochenschr 102(20):772-3, 20 May 77 **(Ger)**
*ARTERIAL OCCLUSIVE DISEASES, drug therapy/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HEMORRHAGE, etiology/ HUMAN/ ILIAC ARTERY/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use

5943. **Martin M, Martin U, Auel H:** Reokklusionsraten nach erfolgreicher Streptokinase-Behandlung arterieller Verschlüsse. Eine 6 Jahre umfassende retrospektive Studie an 67 Patienten. Klin Wochenschr 55(10):489-93, 15 May 77 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ ANTICOAGULANTS, administration & dosage/ AORTA/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL ARTERY/ FOLLOW-UP STUDIES/ HUMAN/ ILIAC ARTERY/ MALE/ MIDDLE AGE/ RECURRENCE/ SMOKING/ *STREPTOKINASE, therapeutic use/ TIME FACTORS

5944. **Martin R, Nesse A, de Muchnik EE:** Urinary kallikrein and pathophysiology of acute renal failure in the rat. Medicina (B Aires) 36(3):223-8, May-Jun 76
ANIMAL/ FEMALE/ *KALLIKREIN, urine/ *KIDNEY FAILURE, ACUTE, physiopathology/ MALE/ RATS

5945. **Martin-Villar J, Ortega F, Magallon M:** Management of hemophilia in Spain. Thromb Haemostas 35(3):537-43, 30 Jun 76
AMBULATORY CARE/ BLOOD TRANSFUSION/ FACTOR VIII, therapeutic use/ GEOGRAPHY/ HEMOPHILIA, occurrence/ *HEMOPHILIA, therapy/ HUMAN/ MALE/ SPAIN

5946. **Martinenko FP:** Chutliviĭ metod viznachennia proteolitichnoï aktivnosti. Ukr Biokhim Zh 49(3):121-5, May-Jun 77 (Eng. Abstr.) **(Ukr)**
CHEMISTRY/ *CHLORANIL/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ NUCLEIC ACIDS/ *PEPTIDE HYDROLASES, analysis/ PHOTOMETRY/ *QUINONES

5947. **Martinetti L:** Studio sulla fluidificazione ed omogeneizzazione dell'escreato Ann Sclavo 18(2):156-64, Mar-Apr 76 (Eng. Abstr.) **(Ita)**
ACETYLCYSTEINE, pharmacodynamics/ DITHIOTHREITOL, pharmacodynamics/ ENGLISH ABSTRACT/ HAEMOPHILUS INFLUENZAE, drug effects/ HUMAN/ KLEBSIELLA PNEUMONIAE, drug effects/ NEISSERIA, drug effects/ PEPTIDE HYDROLASES, pharmacodynamics/ *SPUTUM, drug effects/ SPUTUM, microbiology/ STAPHYLOCOCCUS AUREUS, drug effects/ STREPTOCOCCUS PNEUMONIAE, drug effects/ *VISCOSITY

5948. **Martinez J, Palascak J, Peters C:** Functional and metabolic properties of human asialofibrinogen. J Lab Clin Med 89(2):367-77, Feb 77
BLOOD COAGULATION TESTS/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *FIBRINOGEN, physiology/ HUMAN/ *SIALIC ACIDS, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5949. **Martini A, Jähnchen E:** Studies in rats on the mechanism by which 6-mercaptopurine inhibits the anticoagulant effect of warfarin. J Pharmacol Exp Ther 201(3):547-53, Jun 77
ANIMAL/ DRUG INTERACTIONS/ MALE/ *MERCAPTOPURINE, pharmacodynamics/ PROTHROMBIN TIME/ *PROTHROMBIN, metabolism/ RATS/ *WARFARIN, antagonists & inhibitors

5950. **Martius F:** Wirkungsmechanismus der Kumarinantikoagulantien Ther Umsch 34(5):329-33, May 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ BLOOD COAGULATION FACTORS, physiology/ *COUMARINS, pharmacodynamics/ ENGLISH ABSTRACT/ LIVER, enzymology/ VITAMIN K, metabolism

5951. **Martsinkiavichius AM, Sirvidis VM, Uzhdavinis GP, et al:** Otdalennye rezul'taty shuntirovaniia verkhneĭ poloĭ veny aortal'nym allotransplantatom Grudn Khir (6):106-8, Nov-Dec 76 **(Rus)**
*AORTA, transplantation/ AORTA, THORACIC/ AORTIC ANEURYSM, surgery/ CASE REPORT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MIDDLE AGE/ THROMBOSIS, surgery/ TRANSPLANTATION, ALLOGENEIC/ *VENA CAVA, SUPERIOR, surgery

5952. **Maruyama I, Fukuda R, Kazama M, et al:** [A case of homocystinuria with low antithrombin activity (author's transl)] Acta Haematol Jpn 40(2):267-71, Apr 77 (Eng. Abstr.) **(Jpn)**
*ANTITHROMBINS, metabolism/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *HOMOCYSTINURIA, blood/ HUMAN

5953. **Maruyama Y, Kadobe Y, Imamura H:** [Pharmacological studies of 2-(5H-[1]benzopyrano[2,3-b]pyridin-7-yl) propionic acid (Y-8004) (II). General pharmacological action] Folia Pharmacol Jpn 72(4):403-16, May 76 (Eng. Abstr.) **(Jpn)**
ANIMAL/ AUTONOMIC NERVOUS SYSTEM, drug effects/ BLOOD COAGULATION, drug effects/ CENTRAL NERVOUS SYSTEM, drug effects/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ GASTROINTESTINAL MOTILITY, drug effects/ GUINEA PIGS/ HEMODYNAMICS, drug effects/ IN VITRO/ MALE/ MICE/ MUSCLE RELAXATION, drug effects/ PLATELET AGGREGATION, drug effects/ *PROPIONATES, pharmacodynamics/ *PROPIONIC ACIDS, pharmacodynamics/ *PYRIDINES, pharmacodynamics/ RABBITS/ RATS/ RESPIRATION, drug effects/ UTERINE CONTRACTION, drug effects

5954. **Marx FJ, Hofstetter A, Schilling A:** Urosepsis bis septischer Schock: II. Pathophysiologie der Hämostasestörungen. Urologe [A] 16(4):241-3, Jul 77 (Eng. Abstr.) **(Ger)**
CARBENICILLIN, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ *HEMOSTASIS/ HUMAN/ *SHOCK, SEPTIC, blood/ SHOCK, SEPTIC, complications/ SHOCK, SEPTIC, drug therapy/ VITAMIN K DEFICIENCY, etiology

5955. **Marx R:** Postoperative und posttraumatische

Gerinnungsstörungen Erkennung und Behandlung. Teil 1: Pathogenese, klinische Einteilung, Diagnose
Fortschr Med 95(10):603–7, 10 Mar 77 **(Ger)**
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD SPECIMEN COLLECTION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EMBOLISM, FAT, etiology/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ HEMATOMA, metabolism/ HEMORRHAGE, etiology/ HUMAN/ PLATELET ADHESIVENESS/ POSTOPERATIVE COMPLICATIONS/ STAPHYLOCOCCAL INFECTIONS, complications/ THROMBIN, biosynthesis/ *WOUNDS AND INJURIES, complications

5956. **Marx R:** Postoperative und posttraumatische Gerinnungsstörungen. Erkennung und Behandlung. Teil 2: Therapie Fortschr Med 95(11):713–6, 17 Mar 77 **(Ger)**
DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ STREPTOKINASE, therapeutic use/ UROKINASE, therapeutic use/ *WOUNDS AND INJURIES, complications

5957. **(Marx R), Eisenburg J:** Professor Dr. med. Rudolf Marx zum 65. Geburtstag Fortschr Med 95(19):1259–60, 19 May 77 **(Ger)**
BISHYDROXYCOUMARIN, history/ BLOOD COAGULATION DISORDERS, history/ CURRENT BIOG-OBIT/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, history/ GERMANY, WEST/ HEMATOLOGY, history/ HISTORICAL ARTICLE/ HUMAN

5958. **Marxen F, Uhlschmid G, Largiadèr F:** Erfahrungen mit dem bovinen Xenotransplantat als Dialysezugang
Helv Chir Acta 43(5–6):659–62, Dec 76 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ ANEURYSM, etiology/ ANIMAL/ *ARTERIOVENOUS SHUNT, SURGICAL, methods/ *CAROTID ARTERIES, transplantation/ CATTLE/ CHILD/ FEMALE/ *HEMODIALYSIS, methods/ HUMAN/ KIDNEY FAILURE, CHRONIC, therapy/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ SURGICAL WOUND INFECTION/ THROMBOSIS, etiology/ *TRANSPLANTATION, HETEROLOGOUS, methods

5959. **Marxen F, Uhlschmid G, Largiadèr F:** Erfahrungen mit dem bovinen Xenotransplantat als Dialysezugang
Helv Chir Acta 43(5–6):659–62, Dec 76 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ ANEURYSM, etiology/ *ARTERIES, transplantation/ *ARTERIOVENOUS SHUNT, SURGICAL, methods/ EVALUATION STUDIES/ FEMALE/ *HEMODIALYSIS/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ SWINE/ THROMBOSIS, etiology/ *TRANSPLANTATION, HETEROLOGOUS

5960. **Marxer A, Schier O:** Fundamental structures in drug research. Prog Drug Res 20:385–432, 1976 (97 ref.)
ANALEPTICS, pharmacodynamics/ ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANALGESICS, ADDICTIVE, pharmacodynamics/ ANESTHETICS, pharmacodynamics/ ANESTHETICS, LOCAL, pharmacodynamics/ ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ ANTICONVULSANTS, pharmacodynamics/ ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ ANTILIPEMIC AGENTS, pharmacodynamics/ ANTIPARKINSON AGENTS, pharmacodynamics/ DIURETICS, pharmacodynamics/ *DRUGS/ GOUT, drug therapy/ HEART, drug effects/ HISTAMINE H1 RECEPTOR BLOCKADERS, pharmacodynamics/ HUMAN/ HYPNOTICS AND SEDATIVES, pharmacodynamics/ MUSCLE RELAXANTS, CENTRAL, pharmacodynamics/ NEUROMUSCULAR BLOCKING AGENTS, pharmacodynamics/ PARASYMPATHOLYTICS, pharmacodynamics/ PSYCHOTROPIC DRUGS, pharmacodynamics/ RESEARCH/ REVIEW/ *STRUCTURE-ACTIVITY RELATIONSHIP/ SYMPATHOMIMETICS, pharmacodynamics

5961. **Mary H, Barra JA, Thevenet A:** Les oblitérations tardives des branches de prothèse aorto-bifémorales. Ann Chir 31(3):173–7, Mar 77 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ AORTA, ABDOMINAL, surgery/ *BLOOD VESSEL PROSTHESIS, adverse effects/ ENGLISH ABSTRACT/ FEMORAL ARTERY, surgery/ HUMAN/ MIDDLE AGE/ *THROMBOSIS, etiology/ TIME FACTORS

5962. **Masajev PN, Kunizyn DV:** Röntgendiagnostik der Thromboemolie der arteria pulmonalis. Untersuchungsmethodik Radiol Diagn (Berl) 17(6):753–7, Dec 76 (Eng. Abstr.) **(Ger)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, radiography

5963. **Masajev PN, Kunizyn DV:** Röntgendiagnostik der Thromboembolie der arteria pulmonalis. Mitteilung 2: Röntgensemiotik Radiol Diagn (Berl) 17(6):759–67, Dec 76 (Eng. Abstr.) **(Ger)**
AGED/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *PULMONARY EMBOLISM, radiography

5964. **Maskrey P, Pluskal MG, Harris JB, et al:** Studies on increased acid hydrolase activities in denervated muscle. J Neurochem 28(2):403–9, Feb 77
ANIMAL/ CATHEPSIN, metabolism/ DACTINOMYCIN, pharmacodynamics/ DETERGENTS, pharmacodynamics/ DIAPHRAGM/ EXTREMITIES/ FEMALE/ *GLUCURONIDASE, metabolism/ MALE/ METHOTREXATE, pharmacodynamics/ MOTOR ENDPLATE, enzymology/ *MUSCLE DENERVATION/ MUSCLES, drug effects/ *MUSCLES, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ RATS/ TIME FACTORS

5965. **Mason DH Jr, Takemoto KK:** Transformation of rabbit kidney cells by BKV(MM) human papovavirus. Int J Cancer 19(3):391–5, 15 Mar 77
AGAR/ ALDRICH SYNDROME, microbiology/ ANIMAL/ ANTIGENS, VIRAL, analysis/ *BK VIRUS/ BK VIRUS, immunology/ BK VIRUS, isolation & purification/ CELL AGGREGATION/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ CHILD/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ KIDNEY, cytology/ MICE/ PLAQUE ASSAY/ *POLYOMA VIRUS/ POLYOMA VIRUS, isolation & purification/ RABBITS

5966. **Mason RG, Mohammad SF, Chuang HY, et al:** The adhesion of platelets to subendothelium, collagen and artifilial surfaces. Semin Thromb Hemostas 3(2):98–116, Oct 76 (193 ref.)
CELL ADHESION/ CELL MEMBRANE, analysis/ CELL MEMBRANE, physiology/ COLLAGEN, physiology/ ENDOTHELIUM, physiology/ GLYCOPROTEINS, analysis/ HUMAN/ MEMBRANE PROTEINS, analysis/ PLANT AGGLUTININS/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ REVIEW/ SURFACE PROPERTIES

5967. **Mason RG, Sharp D, Chuang HY, et al:** The endothelium: roles in thrombosis and hemostasis
Arch Pathol Lab Med 101(2):61–4, Feb 77 (96 ref.)
BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ *BLOOD VESSELS, physiology/ ENDOTHELIUM, cytology/ ENDOTHELIUM, metabolism/ ENDOTHELIUM, pathology/ ENDOTHELIUM, physiology/ *HEMOSTASIS/ HUMAN/ LEUKOCYTES, physiology/ PLASMINOGEN ACTIVATORS, secretion/ PLATELET AGGREGATION/ REVIEW/ THROMBIN, metabolism/ *THROMBOSIS/ THROMBOSIS, prevention & control/ THROMBOSIS, physiopathology

5968. **Mason SJ, Miller LH, Shiroishi T, et al:** The Duffy blood group determinants: their role in the susceptibility of human and animal erythrocytes to Plasmodium knowlesi malaria. Br J Haematol 36(3):327–35, Jul 77
ANIMAL/ *ANTIGENIC DETERMINANTS/ *BLOOD GROUPS/ *DUFFY BLOOD-GROUP SYSTEM/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, immunology/ HUMAN/ IN VITRO/ MALARIA, blood/ *MALARIA, immunology/ MONKEYS/ NEURAMINIDASE, pharmacodynamics/ TRYPSIN, pharmacodynamics

5969. **Masoro EJ:** Fat metabolism in normal and abnormal states. Am J Clin Nutr 30(8):1311–20, Aug 77
*ADIPOSE TISSUE, metabolism/ ANIMAL/ CHYLOMICRONS, metabolism/ DIETARY FATS, metabolism/ EXERTION/ FASTING/ FATTY ACIDS, NONESTERIFIED, metabolism/ GLYCERIDES, metabolism/ HUMAN/ *INFECTION, metabolism/ LIPID MOBILIZATION/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, metabolism/ LIVER, metabolism

5970. **Massaro ER, Zilversmit DB:** Controlling factors in the maintenance of plasma cholesterol concentration in the rabbit. J Nutr 107(4):596–605, Apr 77
ANIMAL/ *CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ *DIET, ATHEROGENIC/ DIETARY FATS/ FECES, analysis/ FEMALE/ KINETICS/ MALE/ RABBITS/ SEX FACTORS/ SPECIES SPECIFICITY/ STEROIDS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5971. **Massaro TA, Javid M:** Chemonucleolysis [letter]. J Neurosurg 46(5):696–7, May 77
*CHYMOPAPAIN, therapeutic use/ DRUG EVALUATION/ *EDTA, pharmacodynamics/ HUMAN/ *INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ RESEARCH DESIGN

5972. **Massimo L, Cordone G, Mori PG, et al:** Terapia con citostatici immunodepressivi in alcune malattie del bambino Minerva Pediatr 28(16):950–62, 5 May 76 (Eng. Abstr.) **(Ita)**
*ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ *ANTINEOPLASTIC AGENTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ COLLAGEN DISEASES, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INFANT/ MALE/ PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ TIME FACTORS

5973. **Massimo L, Genova R, Marchi A, et al:** More on vincristine in treatment of ITP in children [letter] N Engl J Med 297(7):397–8, 18 Aug 77
CHILD/ CHILD, PRESCHOOL/ DRUG EVALUATION/ FEMALE/ HUMAN/ INFANT/ MALE/ *PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY/ VINCRISTINE, administration & dosage/ *VINCRISTINE, therapeutic use

5974. **Massobrio M, Genta F, Ottone P, et al:** Il trattamento medico della gestosi-EPH Ann Ostet Ginecol Med Perinat 98(2):76–96, Mar–Apr 77 (90 ref.) (Eng. Abstr.) **(Ita)**
ADULT/ ANTICONVULSANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ DEXTRAN, therapeutic use/ DIURETICS, therapeutic use/ ECLAMPSIA, therapy/ EDEMA, therapy/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HOSPITALIZATION/ HUMAN/ HYPERTENSION, therapy/ PREGNANCY TOXEMIAS, diet therapy/ *PREGNANCY TOXEMIAS, therapy/ PREGNANCY/ PROTEINURIA, therapy/ REST/ REVIEW/ TRANQUILIZING AGENTS, therapeutic use/ VASODILATOR AGENTS, therapeutic use/ WATER-ELECTROLYTE BALANCE

5975. **Masson-Pévet M, Jongsma HJ, De Bruijne J:** Collagenase- and trypsin-dissociated heart cells: a comparative ultrastructural study. J Mol Cell Cardiol 8(10):747–57, Oct 76
ANIMAL/ ANIMALS, NEWBORN/ CELL NUCLEUS, ultrastructure/ *CELL SEPARATION, methods/ CELLS, CULTURED/ CLOSTRIDIOPEPTIDASE A, metabolism/ COMPARATIVE STUDY/ HEART VENTRICLE/ MITOCHONDRIA, MUSCLE, ultrastructure/ *MYOCARDIUM, ultrastructure/ MYOFIBRILS, ultrastructure/ RATS/ SARCOPLASMIC RETICULUM, ultrastructure/ TRYPSIN, metabolism

5976. **Massoulié J, Bon S:** Affinity chromatography of acetylcholinesterase. The importance of hydrophobic interactions. Eur J Biochem 68(2):531–9, 15 Sep 76
*ACETYLCHOLINESTERASE, isolation & purification/ ACETYLCHOLINESTERASE, metabolism/ ANIMAL/ CHROMATOGRAPHY, AFFINITY, methods/ COMPARATIVE STUDY/ ELECTRIC ORGAN, enzymology/ ELECTROPHORUS/ FISHES/ KINETICS/ LIGANDS/ PROTEIN BINDING/ SPECIES SPECIFICITY/ SPERMINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN

5977. **Mastilovic B, Milanovic LJ, Hodžic S, et al:** Analiza slučajeva okluzije retinalnih suodva na očnoj klinici u Sarajevu sa specijalnim osvrtom na etiologiju i terapiju Med Arh 30(4):225–8, Jul–Aug 76 **(Scr)**
ADULT/ AGED/ ASCORBIC ACID, therapeutic use/ CHYMOTRYPSIN, therapeutic use/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HEPARIN, therapeutic use/ HOSPITALS, SPECIAL/ HUMAN/ HYPERLIPEMIA, complications/ MALE/ MIDDLE AGE/ RETINAL DISEASES, chemically induced/ RETINAL DISEASES, drug therapy/ *RETINAL DISEASES, etiology/ *RETINAL VESSELS/ YUGOSLAVIA

5978. **Masuda K, Ishiyama H, Yasuda J:** Latex agglutination-inhibition test for screening blood-clotting factor XIII in human plasma. Jpn J Med Sci Biol 29(4):211–4, Aug 76
ANIMAL/ *FACTOR XIII DEFICIENCY, diagnosis/ *FACTOR XIII, analysis/ HUMAN/ *LATEX FIXATION TESTS, methods/ RABBITS

5979. **Mather SJ:** Adverse reaction to lung-scanning agent [letter]. Lancet I(8017):907–8, 23 Apr 77
AGED/ *ANAPHYLAXIS, etiology/ CASE REPORT/ FEMALE/ HUMAN/ MICROSPHERES/ PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING, adverse effects/ *SERUM ALBUMIN, adverse effects

5980. **Matheson NR, Travis J:** Inactivation of human thrombin in the presence of human alpha1-proteinase inhibitor. Biochem J 159(3):495–502, 1 Dec 76
*ALPHA 1-ANTITRYPSIN, pharmacodynamics/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ TEMPERATURE/ *THROMBIN, antagonists & inhibitors/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5981. **Matheson RR Jr, Dugas H, Scheraga HA:** Electron paramagnetic resonance spectroscopy as a monitor of the pathway of the thermal unfolding of ribonuclease A. Biochem Biophys Res Commun 74(3):869–76, 7 Feb 77
AMINOPEPTIDASES/ CATTLE/ ELECTRON SPIN RESONANCE/ PANCREAS, enzymology/ PEPTIDE FRAGMENTS, analysis/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ *RIBONUCLEASE/ TEMPERATURE/ THERMODYNAMICS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5982. **Matheson RT, Miller DR, Lacombe MJ, et al:** Flaujeac factor deficiency. Reconstitution with highly purified bovine high molecular weight-kininogen and delineation of a new permeability-enhancing peptide released by plasma kallikrein from bovine high molecular weight-kininogen. J Clin Invest 58(6):1395–406, Dec 76
ANIMAL/ *BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ BRADYKININ, pharmacodynamics/ *CAPILLARY PERMEABILITY/ CAPILLARY PERMEABILITY, drug effects/ CATTLE/

CHLORPHENIRAMINE, pharmacodynamics/ DRUG SYNERGISM/ FIBRINOLYSIS/ *KALLIKREIN, blood/ *KININOGENS, administration & dosage/ KININOGENS, blood/ MOLECULAR WEIGHT/ *PEPTIDE FRAGMENTS/ PEPTIDE FRAGMENTS, administration & dosage/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

5983. **Mathews HW, Wade BF:** Pharmacologically active compounds from microbial origin. Adv Appl Microbiol 21:269–88, 1977 (68 ref.)
ANIMAL/ ANTI-INFLAMMATORY AGENTS/ ANTIBIOTICS, adverse effects/ *ANTIBIOTICS, pharmacodynamics/ ANTICHOLESTEREMIC AGENTS/ ANTIHYPERTENSIVE AGENTS/ BLOOD COAGULATION, drug effects/ DIABETES MELLITUS, chemically induced/ ENDOCRINE GLANDS, drug effects/ FERTILITY, drug effects/ HEART, drug effects/ HUMAN/ NEUROMUSCULAR BLOCKING AGENTS/ PARASYMPATHOLYTICS/ REVIEW

5984. **Mathewson HS:** Pulmonary thromboembolism: aspects of critical care. AANA J 45(2):164–9, Apr 77
CASE REPORT/ *CRITICAL CARE/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, physiopathology/ *PULMONARY EMBOLISM, therapy/ THROMBOEMBOLISM, physiopathology/ THROMBOEMBOLISM, therapy

5985. **Mathiesen FR, Rasmussen F:** Thrombectomia aortae juxtarenalis. En retrospektiv undersogelse af forlobet efter trombektomi på åbent kar Ugeskr Laeger 138(52):3350–1, 20 Dec 76 (Eng. Abstr.) **(Dan)**
ADULT/ AGED/ AORTA, ABDOMINAL/ *AORTIC DISEASES, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KIDNEY FUNCTION TESTS/ *KIDNEY/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ RENAL ARTERY/ RETROSPECTIVE STUDIES/ *THROMBOSIS, surgery

5986. **Mathieu LG, deRepentigny J, Gadbois T:** Caractéristiques de l'accroissement de la résistance de la souris contre Pseudomonas aeruginosa provoqué par Staphylococcus aureus Can J Microbiol 22(12):1734–42, Dec 76 (Eng. Abstr.) **(Fre)**
ANIMAL/ ASCITIC FLUID, cytology/ ASCITIC FLUID, microbiology/ COAGULASE, biosynthesis/ CYCLOPHOSPHAMIDE, pharmacodynamics/ ENGLISH ABSTRACT/ IMMUNITY, CELLULAR, drug effects/ MACROPHAGES, immunology/ MALE/ MICE/ PSEUDOMONAS AERUGINOSA, growth & development/ PSEUDOMONAS AERUGINOSA, immunology/ *PSEUDOMONAS INFECTIONS, immunology/ PSEUDOMONAS INFECTIONS, microbiology/ *STAPHYLOCOCCAL INFECTIONS, immunology/ STAPHYLOCOCCUS AUREUS, enzymology/ STAPHYLOCOCCUS AUREUS, immunology

5987. **Matjasko MJ, Ducker TB:** Disseminated intravascular coagulation associated with removal of a primary brain tumor. Case report. J Neurosurg 47(3):476–80, Sep 77
ADULT/ ANIMAL/ BLOOD COAGULATION/ BRAIN INJURIES, ACUTE, blood/ BRAIN MAPPING/ BRAIN, physiology/ CASE REPORT/ *CEREBRAL VENTRICLE NEOPLASMS, surgery/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DOGS/ FACTOR VIII, metabolism/ FEMALE/ HUMAN/ *OLIGODENDROGLIOMA, surgery/ *POSTOPERATIVE COMPLICATIONS/ THROMBOPLASTIN, metabolism

5988. **Matloff JM, Chaux A:** What is the current status of prosthetic cardiac valve replacement? Cardiovasc Clin 8(1):241–68, 1977
AORTIC VALVE, surgery/ FOLLOW-UP STUDIES/ *HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS/ HEMODYNAMICS/ HEMOLYSIS/ HUMAN/ MITRAL VALVE, surgery/ POSTOPERATIVE COMPLICATIONS, diagnosis/ PROSTHESIS DESIGN/ SURGICAL WOUND INFECTION, diagnosis/ THROMBOEMBOLISM, diagnosis/ TRICUSPID VALVE, surgery

5989. **Mato M, Ookawara S, Uchiyama Y:** The effects of L-DOPA, serotonin, reserpine and chlorpromazine on the daily rhythm of fluorescent intensity in leucocytes and blood platelets. Acta Histochem (Jena) 57(2):198–204, 1976
ANIMAL/ *BIOGENIC AMINES, blood/ *BLOOD PLATELETS, analysis/ CATECHOLAMINES, blood/ CHLORPROMAZINE, pharmacodynamics/ *CIRCADIAN RHYTHM, drug effects/ FEMALE/ HUMAN/ *LEUKOCYTES, analysis/ LEVODOPA, pharmacodynamics/ MALE/ MICROSCOPY, FLUORESCENCE/ RATS/ RESERPINE, pharmacodynamics/ *SEROTONIN, blood/ SEROTONIN, pharmacodynamics

5990. **Mato M, Uchiyama Y, Ookawara S, et al:** Fluctuation of fluorescent material in the rat's and human leucocytes under various situation. Acta Histochem (Jena) 57(2):191–7, 1976
ADULT/ ANIMAL/ *BIOGENIC AMINES, blood/ BLOOD PLATELETS, analysis/ CATECHOLAMINES, blood/ CIRCADIAN RHYTHM/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ *LEUKOCYTES, analysis/ LIGHT/ MALE/ MICROSCOPY, FLUORESCENCE/ MIDDLE AGE/ RATS/ SCHIZOPHRENIA, blood/ *SEROTONIN, blood

5991. **Matsuda G, Maita T, Suzuyama Y, et al:** Amino acid sequence of the L-2 light chain of rabbit skeletal muscle myosin. J Biochem (Tokyo) 81(3):809–11, Mar 77
AMINO ACID SEQUENCE/ ANIMAL/ CHYMOTRYPSIN/ *MUSCLES, metabolism/ *MYOSIN/ PEPTIDE FRAGMENTS, analysis/ RABBITS/ TRYPSIN

5992. **Matsuda M, Saida T, Hasegawa R:** Cryofibrinogen in the plasma of patients with skin ulcerative lesions on the legs: a complex of fibrinogen and cold insoluble globulin. Thromb Res 9(6):541–52, Dec 76
AMINO ACIDS, analysis/ *COLD/ *FIBRINOGEN, analysis/ HUMAN/ *LEG ULCER, blood/ *SERUM GLOBULINS, analysis/ SOLUBILITY

5993. **Matsuda M, Handa J, Asato R, et al:** Surgical treatment of intracranial hematoma and hydrocephalus in an infant with hemophilia A. Surg Neurol 7(4):199–203, Apr 77
CASE REPORT/ CEREBRAL HEMORRHAGE, complications/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, surgery/ FACTOR VIII, therapeutic use/ HEMATOMA, etiology/ *HEMATOMA, surgery/ *HEMOPHILIA, complications/ HUMAN/ HYDROCEPHALUS, complications/ *HYDROCEPHALUS, surgery/ INFANT/ MALE/ METHODS

5994. **Matsuda M, Tatsuta N, Aoshima M, et al:** [Activated coagulation time under heparin therapy in surgical diseases (author's transl)] Arch Jpn Chir 46(2):113–20, 1 Mar 77 (Eng. Abstr.) **(Jpn)**
*BLOOD COAGULATION TESTS, methods/ ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ HUMAN/ *SURGERY, OPERATIVE

5995. **Matsuda T:** [Disseminated intravascular coagulation (DIC)] Jpn J Clin Hematol 17(11):1139–52, 30 Nov 76 **(Jpn)**
*DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEPARIN, therapeutic use/ HUMAN

5996. **Matsuda T, Shimada K:** Shock in patients with disseminated intravascular coagulation (DIC). Jpn Circ J 41(4):376–82, Apr 77
AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CASE REPORT/ COMPLEMENT 3, analysis/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FACTOR XII, analysis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ GALLBLADDER NEOPLASMS, blood/ GALLBLADDER NEOPLASMS, complications/

HUMAN/ MIDDLE AGE/ *SHOCK, complications/ SHOCK, SEPTIC, blood/ SHOCK, SEPTIC, complications

5997. **Matsuda T, Ogawara M, Kodama N, et al:** [Changes of antithrombin (antithrombin III, alpha2-macroglobulin) in various diseases (author's transl)] Acta Haematol Jpn 40(2):261-6, Apr 77 (Eng. Abstr.) **(Jpn)**
*ALPHA MACROGLOBULINS, metabolism/ *ANTITHROMBINS, metabolism/ *ARTERIOSCLEROSIS, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

5998. **Matsuda Y, Miyazaki K, Moriya H, et al:** Studies on urinary kallikreins. I. Purification and characterization of human urinary kallikreins. J Biochem (Tokyo) 80(4):671-9, Oct 76
BIOLOGICAL ASSAY/ ESTERASES, urine/ GUANIDINES, pharmacodynamics/ HUMAN/ *KALLIKREIN/ KALLIKREIN, isolation & purification/ KALLIKREIN, urine/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KINETICS/ MOLECULAR WEIGHT/ TEMPERATURE/ UREA, pharmacodynamics

5999. **Matsumoto H, Yabu H, Miyazaki E:** Ca binding of intestinal smooth muscle myosin B. Jpn J Physiol 26(6):671-80, 1976
ADENOSINE TRIPHOSPHATASE, pharmacodynamics/ ANIMAL/ BINDING SITES/ *CALCIUM, metabolism/ ILEUM/ IN VITRO/ JEJUNUM/ *MUSCLE, SMOOTH, metabolism/ *MYOSIN, metabolism/ SWINE/ TRYPSIN, pharmacodynamics

6000. **Matsumura S, Matsuda T, Matsuo M, et al:** Studies on triglyceride lipases from rat adipose tissue. J Biochem (Tokyo) 80(2):351-9, Aug 76
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ADIPOSE TISSUE, enzymology/ AMMONIA, pharmacodynamics/ ANIMAL/ CALCIUM CHLORIDE, pharmacodynamics/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIPASE, isolation & purification/ *LIPASE, metabolism/ LIPOPROTEIN LIPASE, metabolism/ MALE/ MOLECULAR WEIGHT/ PROTEIN KINASE, metabolism/ RATS/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ TRIGLYCERIDES

6001. **Matsuo O, Mihara H, Rokushima Y:** Assessment of the thrombolytic effect of low urokinase concentrations. Acta Haematol Jpn 39(3):298-305, Jun 76
ANIMAL/ DOGS/ *FIBRINOLYTIC AGENTS, administration & dosage/ HUMAN/ KINETICS/ *PEPTIDE PEPTIDOHYDROLASES, administration & dosage/ PLASMINOGEN ACTIVATORS, secretion/ RABBITS/ *UROKINASE, administration & dosage/ UROKINASE, blood/ UROKINASE, pharmacodynamics

6002. **Matsuo O, Mihara H:** In vitro and in vivo measurement of total antiplasmin activity. Thromb Haemostas 37(2):216-21, 30 Apr 77
ANIMAL/ BLOOD VOLUME/ FIBRINOGEN/ *FIBRINOLYSIN, antagonists & inhibitors/ HEMATOCRIT/ METHODS/ RABBITS/ UROKINASE

6003. **Matsuo O, Mihara H:** Threshold phenomena in blood fibrinolysis. Thromb Res 10(5):753-8, May 77
ANIMAL/ *FIBRINOLYSIS, drug effects/ INFUSIONS, PARENTERAL/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ RABBITS/ TIME FACTORS/ UROKINASE, administration & dosage/ *UROKINASE, pharmacodynamics

6004. **Matsuo T, Matsunaga K:** [Abnormal fibrinolysis and serum lipid levels in the liver cirrhosis and prognosis] Jpn J Geriatr 13(5):302-7, Sep 76 (Eng. Abstr.) **(Jpn)**
ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *LIPIDS, blood/ *LIVER CIRRHOSIS, blood/ MALE/ PROGNOSIS

6005. **Matsuoka M, Ito M, Takahashi K, et al:** An immunological method for detection of the carrier of hemophilia B. Thromb Haemostas 36(2):441-50, 30 Nov 76
ANTIGENS, analysis/ *CHRISTMAS DISEASE, diagnosis/ CHRISTMAS DISEASE, familial & genetic/ CHRISTMAS DISEASE, immunology/ FACTOR IX, analysis/ FACTOR IX, immunology/ FACTOR VIII, immunology/ FEMALE/ HUMAN/ NEUTRALIZATION TESTS

6006. **Matsuoka S:** [Coagulation and fibrinolytic system in vivo and clinical medicine] Jpn J Clin Hematol 17(6):573-9, Jun 76 **(Jpn)**
ANEMIA, PERNICIOUS, blood/ *BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ FEMALE/ FIBRINOLYSIN, physiology/ *FIBRINOLYSIS/ HUMAN/ MALE/ THROMBIN, physiology

6007. **Matsushima T, Kakizoe T, Kawachi T, et al:** Effects of protease-inhibitors of microbial origin on experimental carcinogenesis. pp. 57-69.
In: Magee PN, et al., ed. Fundamentals in cancer prevention. Baltimore, Univ Park Press, 1976. QZ 200 F982 1975.
ACTINOMYCETALES, metabolism/ ANIMAL/ BLADDER NEOPLASMS, chemically induced/ CARCINOGENS, metabolism/ COLONIC NEOPLASMS, chemically induced/ COLONIC NEOPLASMS, prevention & control/ ESOPHAGEAL NEOPLASMS, chemically induced/ ESOPHAGEAL NEOPLASMS, prevention & control/ FEMALE/ LEUKEMIA, EXPERIMENTAL, chemically induced/ LEUKEMIA, EXPERIMENTAL, prevention & control/ *LEUPEPTINS, pharmacodynamics/ LIVER NEOPLASMS, chemically induced/ LUNG NEOPLASMS, chemically induced/ MALE/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ MAMMARY NEOPLASMS, EXPERIMENTAL, prevention & control/ MICE/ MONOGRAPH/ NEOPLASMS, EXPERIMENTAL, chemically induced/ *NEOPLASMS, EXPERIMENTAL, prevention & control/ *OLIGOPEPTIDES, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ SKIN NEOPLASMS, chemically induced/ SKIN NEOPLASMS, prevention & control/ STOMACH NEOPLASMS, chemically induced

6008. **Matt EM, Gruber UF:** Prophylaxe postoperativer thromboembolischer Komplikationen mit subkutan verabreichten kleinen Heparin-Dosen Fortschr Med 95(10):669-76, 10 Mar 77 **(Ger)**
COMPARATIVE STUDY/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ POSTOPERATIVE COMPLICATIONS/ SULFINPYRAZONE, therapeutic use/ *THROMBOEMBOLISM, prevention & control

6009. **Matthias FR:** Such- und Schnellteste in der Diagnostik von Hämostasestörungen Internist (Berlin) 17(9):430-5, Sep 76 **(Ger)**
BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ FIBRINOGEN, analysis/ HUMAN/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY

6010. **Matthias FR, Reinicke R, Heene DL:** Affinity chromatography and quantitation of soluble fibrin from plasma. Thromb Res 10(3):365-84, Mar 77
*CHROMATOGRAPHY, AFFINITY/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ELECTROPHORESIS, DISC/ *FIBRIN, analysis/ FIBRINOGEN, analysis/ FRACTIONAL PRECIPITATION/ HUMAN/ MYOCARDIAL INFARCT, blood/ SOLUBILITY

6011. **Matthias FR, Krause WH, Ganssert S, et al:** Dysfibrinogenämie. Zugleich ein neuer Fall: Dysfibrinogenämie Giessen III. Klin Wochenschr 55(11):539-43, 1 Jun 77 (Eng. Abstr.) **(Ger)**
*BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, diagnosis/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN/

HUMAN/ PLATELET AGGREGATION/ REPTILASE/ THROMBIN

6012. **Mattson JC, Borgerding PJ, Craft DL:** Fixation of platelets for scanning and transmission electron microscopy. Stain Technol 52(3):151–8, May 77
*BLOOD PLATELETS, ultrastructure/ *FIXATIVES/ GLUTARALDEHYDE/ HUMAN/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING

6013. **Mattson JS, Jones TT:** Infrared spectrophotometric observations of the adsorption of fibrinogen from solution at optically transparent carbon film electrode surfaces. Anal Chem 48(14):2164–7, Dec 76
CARBON/ ELECTRODES/ *FIBRINOGEN, isolation & purification/ SPECTROPHOTOMETRY, INFRARED/ SURFACE PROPERTIES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6014. **Matusis II:** Vitaminy K i E i funktsional'noe sostoianie soedinitel'noĭ tkani Vopr Pitan (1):27–30, May–Jun 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ CELL DIFFERENTIATION/ CONNECTIVE TISSUE, metabolism/ *CONNECTIVE TISSUE, physiopathology/ DNA, metabolism/ ENGLISH ABSTRACT/ IRON, metabolism/ MALE/ MUCOPOLYSACCHARIDES, metabolism/ POLYSACCHARIDES, metabolism/ RATS/ SKIN, physiopathology/ *VITAMIN E, therapeutic use/ VITAMIN K DEFICIENCY, drug therapy/ VITAMIN K DEFICIENCY, metabolism/ *VITAMIN K DEFICIENCY, physiopathology/ VITAMIN K, therapeutic use

6015. **Matusova AP, Araten GM, Maslennikov OV, et al:** Primenenie veloérgometricheskoĭ proby kak metoda vyialeniia funktsional'noĭ nedostatochnosti serdtsa u bol'nykh ishemicheskoĭ bolezn'iu serdtsa Kardiologiia 16(8):111–7, Aug 76 (Eng. Abstr.) **(Rus)**
ACID-BASE EQUILIBRIUM/ ANGINA PECTORIS, physiopathology/ BLOOD VISCOSITY/ COMPARATIVE STUDY/ CORONARY DISEASE, metabolism/ *CORONARY DISEASE, pathology/ CORONARY DISEASE, physiopathology/ ENGLISH ABSTRACT/ *EXERCISE TEST/ *HEART, physiopathology/ HEMODYNAMICS/ HUMAN/ LACTATES, metabolism/ MYOCARDIAL CONTRACTION/ MYOCARDIAL INFARCT, physiopathology/ ULTRASONICS

6016. **Matveĭkov GP, Ziuzenkov MV:** Poliarizuiushchie smesi v neotlozhnoĭ kardiologii Ter Arkh 48(10):32–8, 1976 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *CORONARY DISEASE, drug therapy/ DRUG COMBINATIONS/ DRUG EVALUATION/ EMERGENCIES/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIN, therapeutic use/ *GLUCOSE, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ *INSULIN, therapeutic use/ MALE/ MIDDLE AGE/ *POTASSIUM CHLORIDE, therapeutic use

6017. **Mauersberger W, Fuchs EC, Ebhardt G:** Spontane intrazerebelläre Hämatome im Kindesalter Acta Neurochir (Wien) 36(3–4):255–64, 1977 (Eng. Abstr.) **(Ger)**
AGE FACTORS/ CASE REPORT/ *CEREBELLAR DISEASES/ CEREBELLAR DISEASES, diagnosis/ *CEREBRAL HEMORRHAGE/ CEREBRAL HEMORRHAGE, diagnosis/ CHILD/ ENGLISH ABSTRACT/ HEMATOMA, diagnosis/ HUMAN/ MALE

6018. **Maul ED, Kass MA:** Retinitis pigmentosa associated with nevus flammeus and unilateral glaucoma. Ann Ophthalmol 9(5):603–5, May 77
CASE REPORT/ CHOROID NEOPLASMS, complications/ DIAGNOSIS, DIFFERENTIAL/ *GLAUCOMA, etiology/ *HEMANGIOMA, congenital/ HUMAN/ MALE/ MIDDLE AGE/ *RETINITIS PIGMENTOSA, complications/ RETINITIS PIGMENTOSA, familial & genetic/ *SKIN NEOPLASMS, congenital/ STURGE-WEBER SYNDROME, diagnosis

6019. **Maull KI, Sachatello CR:** Current management of pelvic fractures: a combined surgical-angiographic approach to hemorrhage. South Med J 69(10):1285–9, Oct 76
ADULT/ *ANGIOGRAPHY, methods/ AORTOGRAPHY/ BLOOD TRANSFUSION/ CASE REPORT/ EMBOLIZATION, THERAPEUTIC/ FEMALE/ FRACTURES, radiography/ *FRACTURES, surgery/ HEMATOMA, surgery/ HEMOPERITONEUM, radiography/ *HEMORRHAGE, surgery/ HUMAN/ ILIAC ARTERY, radiography/ LUMBAR VERTEBRAE, injuries/ MALE/ MIDDLE AGE/ *PELVIC BONES, injuries/ PELVIC BONES, radiography/ PELVIS, blood supply/ PERITONEAL FLUID, analysis/ WOUNDS, NONPENETRATING, radiography

6020. **Maurer HM, Haggins JC, Still WJ:** Platelet injury during phototherapy. Am J Hematol 1(1):89–96, 1976
ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ADULT/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, radiation effects/ BLOOD PLATELETS, ultrastructure/ GLYCOGEN, metabolism/ HEMATOPORPHYRIN, pharmacodynamics/ HUMAN/ IN VITRO/ *LIGHT/ PLATELET AGGREGATION, radiation effects/ TIME FACTORS

6021. **Maxim PE, Mathews HL, Mengoli HF:** Single-tube mixed agglutination test for the detection of staphylococcal protein A. J Clin Microbiol 4(5):418–22, Nov 76
AGGLUTINATION TESTS/ *BACTERIAL PROTEINS, analysis/ COAGULASE, metabolism/ *STAPHYLOCOCCUS AUREUS, analysis/ STAPHYLOCOCCUS AUREUS, enzymology/ *STAPHYLOCOCCUS, analysis/ STAPHYLOCOCCUS, enzymology

6022. **May FE, Stewart RB, Cluff LE:** Drug interactions and multiple drug administration. Clin Pharmacol Ther 22(3):322–8, Sep 77
ANALGESICS AND ANTIPYRETICS, adverse effects/ ANTACIDS, adverse effects/ ANTI-ARRHYTHMIA AGENTS, adverse effects/ ANTI-INFECTIVE AGENTS, adverse effects/ ANTI-INFLAMMATORY AGENTS, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTIHYPERTENSIVE AGENTS, adverse effects/ COMPARATIVE STUDY/ DIURETICS, adverse effects/ *DRUG INTERACTIONS/ *DRUG THERAPY, COMBINATION, adverse effects/ HOSPITALIZATION/ HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/ TRANQUILIZING AGENTS, adverse effects/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6023. **May H, Gries G:** Tryptische Fermente in der Differentialdiagnose entzündlicher Kolonerkrankungen Munch Med Wochenschr 119(5):155–8, 4 Feb 77 (Eng. Abstr.) **(Ger)**
*CHYMOTRYPSIN, analysis/ *COLITIS, enzymology/ COLITIS, ULCERATIVE, enzymology/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FECES, enzymology/ HUMAN/ PROCTITIS, enzymology/ SIGMOID

6024. **May HV Jr, Harbert GM Jr, Thornton WN Jr:** Thrombotic thrombocytopenic purpura associated with pregnancy. Am J Obstet Gynecol 126(4):452–8, 15 Oct 76
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ MALE/ *PREGNANCY COMPLICATIONS, diagnosis/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, diagnosis/ PREGNANCY/ PROGNOSIS/ PURPURA, THROMBOPENIC, diagnosis/ *PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ PURPURA, THROMBOTIC THROMBOPENIC, therapy/ THROMBOPENIA, diagnosis

6025. **May R:** Phlebographische Diagnostik des Beinödems Acta Med Austriaca 3(4):125–8, 1976 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ HUMAN/ *LEG, blood supply/ LYMPHEDEMA, etiology/ *LYMPHEDEMA, radiography/ *PHLEBOGRAPHY/ THROMBOPHLEBITIS, complications

6026. **May R:** Die Therapie der Thrombophlebitis

Dtsch Med Wochenschr 102(19):732–4, 13 May 77 **(Ger)**
COUMARINS, therapeutic use/ FEMALE/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ PHLEBOGRAPHY/ PHYSICAL THERAPY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ PREGNANCY/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography/ THROMBOPHLEBITIS, surgery/ TIME FACTORS

6027. **May R:** Thrombophlebitis nach Phlebographie Vasa 6(2):169–70, 1977 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ HUMAN/ LEG, blood supply/ *PHLEBOGRAPHY, adverse effects/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control

6028. **Mayer C, Kalogjera V, Lievre C, et al:** Etude comparative d'un inhibiteur du facteur viii chez un malade non hémophile et chez un malade hémophile A gravis. Sem Hop Paris 53(25–28):1511–6, 10–20 Jul 77 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ BLOOD/ CASE REPORT/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FACTOR VIII, antagonists & inhibitors/ *HEMOPHILIA, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IGG, analysis/ IMMUNOGLOBULINS, FAB, analysis/ IMMUNOGLOBULINS, LAMBDA CHAIN, analysis/ KINETICS/ TEMPERATURE

6029. **Mayer G, Mayer S, Kalogjera V, et al:** Les hémorragies cérébro-méningées et leurs séquelles au cours des déficits congénitaux en facteurs plasmatiques de l'hémostase. A propos dun cas de déficit en facteur Stuart avec hémorragie cérébro-méningée précoce conduisant à une hydrocéphalie avec retard psychomoteur considérable Sem Hop Paris 52(15):942–7, 16 Apr 76 **(Fre)**
CASE REPORT/ *CEREBRAL HEMORRHAGE, blood/ CEREBRAL HEMORRHAGE, complications/ CEREBRAL HEMORRHAGE, etiology/ CHILD/ CHILD, PRESCHOOL/ *FACTOR X DEFICIENCY, complications/ HUMAN/ *HYDROCEPHALUS, etiology/ *HYPOPROTHROMBINEMIAS, complications/ INFANT/ INFANT, NEWBORN/ MALE/ MENINGES/ PEDIGREE/ PSYCHOMOTOR DISORDERS, etiology

6030. **Mayer G, Schomerus H:** Synthesis rates of albumin and fibrinogen in patients with cardiac and pulmonary cachexia. Acta Hepatogastroenterol (Stuttg) 24(2):82–5, Apr 77
AGED/ *ALBUMINS, biosynthesis/ *CACHEXIA, metabolism/ FEMALE/ *FIBRINOGEN, biosynthesis/ *HEART FAILURE, CONGESTIVE, metabolism/ HUMAN/ LIVER, metabolism/ *LUNG DISEASES, metabolism/ MALE/ MIDDLE AGE

6031. **Mayer JW:** Hemarthrosis in an heparinized patient [letter]. Arthritis Rheum 20(3):901–2, Apr 77
ADULT/ *HEMARTHROSIS, chemically induced/ *HEPARIN, adverse effects/ HUMAN/ MALE/ PHLEBITIS, chemically induced

6032. **Mayer K:** Neurogene Symptome zur Frühdiagnose unerwünschter Arzneimittelwirkungen.
Verh Dtsch Ges Inn Med 82 Pt 1:584–90, 1976 **(Ger)**
ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ CHLOROQUINE, adverse effects/ CORTISONE, adverse effects/ DEPRESSION, chemically induced/ *DRUG THERAPY, adverse effects/ EXTRAPYRAMIDAL DISORDERS, chemically induced/ GLUCOCORTICOIDS, adverse effects/ HEMATOMA, chemically induced/ HYPOKALEMIA, chemically induced/ METHYLDOPA, adverse effects/ MUSCULAR ATROPHY, chemically induced/ NERVOUS SYSTEM DISEASES, chemically induced/ NEUROLOGIC MANIFESTATIONS/ NEUROMUSCULAR JUNCTION, drug effects/ PARALYSIS, chemically induced/ *POISONING, diagnosis/ RAUWOLFIA ALKALOIDS, adverse effects/ SPINAL CORD COMPRESSION, etiology/ TRANQUILIZING AGENTS, adverse effects

6033. **Mayer M, Herrmann I, Kempgens U, et al:** In vivo labeling of platelets with 75Se -- selenomethionine in patients with hepatic cirrhosis and thrombocytopenia.
Thromb Haemostas 37(1):47–52, 28 Feb 77
ADULT/ *BLOOD PLATELETS/ FEMALE/ HUMAN/ *LIVER CIRRHOSIS, blood/ MALE/ MEGAKARYOCYTES/ METHODS/ MIDDLE AGE/ SELENOMETHIONINE/ *THROMBOPENIA, blood/ TIME FACTORS

6034. **Mayer M, Shafrir E:** Skeletal muscle protease and glucocorticoid hormone receptors in muscle wasting conditions and muscular dystrophy. Isr J Med Sci 13(2):139–46, Feb 77
ANABOLIC STEROIDS, pharmacodynamics/ ANDROGENS, physiology/ ANIMAL/ MICE/ MUSCLE PROTEINS, metabolism/ *MUSCLES, enzymology/ *MUSCULAR DISEASES, metabolism/ *MUSCULAR DYSTROPHY, metabolism/ MYOFIBRILS, enzymology/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN BINDING/ RATS/ *RECEPTORS, GLUCOCORTICOID/ RECEPTORS, GLUCOCORTICOID, drug effects/ *RECEPTORS, STEROID/ RECEPTORS, STEROID, drug effects

6035. **Maynard JR, Fintel DJ, Pitlick FA, et al:** Tissue factor in cultured cells: metabolic control. Lab Invest 35(6):542–9, Dec 76
ALKALINE PHOSPHATASE, metabolism/ AMINO ACID NAPHTHYLAMIDASES, metabolism/ AMNION, cytology/ CARBONYL CYANIDE M-CHLOROPHENYL HYDRAZONE, pharmacodynamics/ CATTLE/ CELL LINE/ CELLS, CULTURED/ CULTURE MEDIA/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ DNA, biosynthesis/ HUMAN/ IN VITRO/ MOLECULAR WEIGHT/ THROMBOPLASTIN, antagonists & inhibitors/ *THROMBOPLASTIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6036. **Maynard JR, Fintel DJ, Pitlick FA, et al:** Tissue factor in cultured cells: pharmacologic effects. Lab Invest 35(6):550–7, Dec 76
AMNION, cytology/ CELL LINE/ CELL MEMBRANE, drug effects/ CELLS, CULTURED/ CHLOROQUINE, pharmacodynamics/ COLCHICINE, pharmacodynamics/ DIMETHYL SULFOXIDE, pharmacodynamics/ GLUCOCORTICOIDS, pharmacodynamics/ HUMAN/ IN VITRO/ NUCLEOTIDES, CYCLIC, pharmacodynamics/ OUABAIN, pharmacodynamics/ *THROMBOPLASTIN, antagonists & inhibitors/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VINBLASTINE, pharmacodynamics

6037. **Maynard JR, Dreyer BE, Stemerman MB, et al:** Tissue-factor coagulant activity of cultured human endothelial and smooth muscle cells and fibroblasts.
Blood 50(3):387–96, Sep 77
BLOOD GROUPS/ CELLS, CULTURED/ ENDOTHELIUM, analysis/ *ENDOTHELIUM, cytology/ *FIBROBLASTS, analysis/ HUMAN/ *MUSCLE, SMOOTH, analysis/ MUSCLE, SMOOTH, cytology/ *THROMBOPLASTIN, analysis/ UMBILICAL VEINS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6038. **Mayrhofer E, Streli R:** Die autologe Transfusion bei der Hüftgelenks-Totalendoprothesenoperation
Wien Med Wochenschr 126(25–27):376–8, 25 Jun 76 **(Ger)**
BLOOD PRESERVATION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ FEMALE/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS/ MALE/ MIDDLE AGE/ PREOPERATIVE CARE

6039. **Mazaev PN, Kunitsyn DV:** Rentgenologicheskaia kartina legkikh u lits, perenesshikh tromboemboliiu legochnoi arterii. Sov Med (4):37–41, Apr 77 (Eng. Abstr.) **(Rus)**
AGED/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ *LUNG, radiography/ MALE/ MIDDLE AGE/ *PULMONARY

EMBOLISM, radiography

6040. **Mazák J, Vodičková L, Bláha M, et al:** Practical possibilities and problems of thrombolytic therapy.
Sb Ved Pr Lek Fak Karlovy Univ 19(3–4):273–7, 1976
ADULT/ AGED/ ATHEROSCLEROSIS, drug therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use/ *THROMBOEMBOLISM, drug therapy

6041. **Mazeman E, Wemeau L, Biserte J, et al:** Les angiomyolipomes rénaux. Apropos de 9 observations.
J Urol Nephrol (Paris) 83(1–2):1–30, Jan–Feb 77 (Eng. Abstr.) **(Fre)**
ADENOCARCINOMA, pathology/ ADENOCARCINOMA, radiography/ ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HUMAN/ *KIDNEY NEOPLASMS/ KIDNEY NEOPLASMS, pathology/ KIDNEY NEOPLASMS, radiography/ KIDNEY, pathology/ *LIPOMA/ LIPOMA, pathology/ LIPOMA, radiography/ MALE/ MIDDLE AGE/ TUBEROUS SCLEROSIS, pathology/ TUBEROUS SCLEROSIS, radiography

6042. **Mazur P:** The role of intracellular freezing in the death of cells cooled at supraoptimal rates. Cryobiology 14(3):251–72, Jun 77 (78 ref.)
BLOOD PRESERVATION, methods/ BONE MARROW CELLS/ *CELL SURVIVAL/ CRYOPROTECTIVE AGENTS/ CRYSTALLIZATION/ FREEZE FRACTURING/ *FREEZING/ KINETICS/ MODELS, BIOLOGICAL/ *PRESERVATION, BIOLOGICAL, methods/ PROBABILITY/ REVIEW/ SACCHAROMYCES CEREVISIAE, ultrastructure/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ WATER

6043. **Mazurier C, Kacem M, Parquet-Gernez A, et al:** Action of insolubilized homologous anti-factor VIII antibodies on factor VIII-related antigen. Thromb Res 10(5):661–7, May 77
AGED/ *ANTIGEN-ANTIBODY REACTIONS/ BINDING SITES, ANTIBODY/ *FACTOR VIII, immunology/ FEMALE/ HEMOPHILIA, blood/ HEMOPHILIA, immunology/ HUMAN/ IMMUNOSORBENT TECHNICS/ MALE

6044. **Mazurik MF, Kulik II:** Emboliia legochnoĭ arterii
Klin Khir (5):40–4, May 76 **(Rus)**
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, occurrence/ *PULMONARY EMBOLISM, occurrence

6045. **Mazurin AV, Grigor'ev KI:** Meteotropnaia patologiia gemorragicheskikh zabolevaniĭ v detskom vozraste
Vopr Okhr Materin Det 21(4):33–6, Apr 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMOPHILIA, complications/ HUMAN/ MALE/ *PURPURA, complications/ PURPURA, THROMBOPENIC, complications/ *WEATHER

6046. **Mazzi E, White JJ, Nishida H, et al:** Neonatal respiratory distress from hemothorax. Pediatrics 59 Suppl(6 Pt 2):1057–8, Jun 77
BLOOD COAGULATION DISORDERS, complications/ CASE REPORT/ *HEMOTHORAX, complications/ HUMAN/ INFANT, NEWBORN/ PLEURAL EFFUSION, complications/ *RESPIRATORY DISTRESS SYNDROME, etiology

6047. **Mazzucconi MG, Mandelli F, Mariani G, et al:** A CRM-Positive variant of factor-VII deficiency and the detection of heterozygotes with the assay of factor-like antigen. Br J Haematol 36(1):127–35, May 77
ADOLESCENCE/ ADULT/ ANIMAL/ ANTIGENS, analysis/ CHILD/ *CROSS REACTIONS/ FACTOR VII, analysis/ FACTOR VII, immunology/ FEMALE/ HETEROZYGOTE/ HUMAN/ HYPOPROCONVERTINEMIA, familial & genetic/ *HYPOPROCONVERTINEMIA, immunology/ MALE/ MIDDLE AGE/ NEUTRALIZATION TESTS/ PEDIGREE/ RABBITS

6048. **Meade TW, Brozovic M, Chakrabarth R, et al:** An epidemiological study of the haemostatic and other effects of oral contraceptives. Br J Haematol 34(3):353–64, Nov 76
AGE FACTORS/ BLOOD COAGULATION, drug effects/ CHOLESTEROL, blood/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ENGLAND/ FACTOR VII, metabolism/ FEMALE/ FIBRINOGEN, metabolism/ *HEALTH SURVEYS/ *HEMOSTASIS, drug effects/ HUMAN/ SMOKING, occurrence

6049. **Meade TW, Chakrabarti R, North WR:** Fibrinolytic activity in health and vascular disease [letter]. Br Med J 1(6064):837, 26 Mar 77
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CLINICAL RESEARCH/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ SEX FACTORS/ *VASCULAR DISEASES, blood

6050. **Meberg A:** Idiopatisk trombocytopenisk purpura hos barn
Tidsskr Nor Laegeforen 96(30):1596–9, 30 Oct 76 (Eng. Abstr.) **(Nor)**
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALE/ *PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY

6051. **Meberg A, Halvorsen S, Orstavik I:** Transitory thrombocytopenia in small-for-date infants, possibly related to maternal smoking [letter] Lancet 2(8032):303–4, 6 Aug 77
BLOOD CELL COUNT/ FEMALE/ FETAL ANOXIA, blood/ FETAL ANOXIA, etiology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood/ INFANT, SMALL FOR GESTATIONAL AGE/ PREGNANCY/ *SMOKING, complications/ *THROMBOPENIA, etiology

6052. **Mecham R, Foster JA, Franzblau C:** Proteolysis of tropoelastin. Adv Exp Med Biol 79:209–20, 1977
AMINOPROPIONITRILE/ ANIMAL/ CHELATING AGENTS, pharmacodynamics/ CHICKENS/ *ELASTIN, analogs & derivatives/ MOLECULAR WEIGHT/ PANCREATOPEPTIDASE, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEIN BINDING/ SULFHYDRYL REAGENTS, pharmacodynamics/ TOSYLARGININE METHYL ESTER, metabolism/ TOSYLLYSINE CHLOROMETHYL KETONE, pharmacodynamics/ TOSYLPHENYLALANYL CHLOROMETHYL KETONE, pharmacodynamics/ *TROPOELASTIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6053. **Mecham RP, Foster JA, Franzblau C:** Intrinsic enzyme activity associated with tropoelastin.
Biochim Biophys Acta 446(1):245–54, 28 Sep 76
ALPHA 1-ANTITRYPSIN, pharmacodynamics/ AMINO ACIDS, analysis/ ANIMAL/ AORTA, enzymology/ CHICKENS/ EDTA, pharmacodynamics/ *ELASTIN, analogs & derivatives/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ETHYLMALEIMIDE, pharmacodynamics/ HUMAN/ LATHYRISM, enzymology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, metabolism/ SULFIDES, pharmacodynamics/ SULFITES, pharmacodynamics/ *TROPOELASTIN, metabolism/ TRYPSIN INHIBITOR, BOWMAN-BIRK SOYBEAN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6054. **Medén-Britth G, Miller-Andersson M, Olsson P:** Studies on human plasma antithrombin isolated on heparin gel.

Thromb Res 9(4):369–78, Oct 76
ANIMAL/ ANTITHROMBINS, administration & dosage/ *ANTITHROMBINS, isolation & purification/ ANTITHROMBINS, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS/ CHROMATOGRAPHY, AFFINITY/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HEMATOCRIT/ HEPARIN CO-FACTOR, pharmacodynamics/ *HEPARIN/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, SUBCUTANEOUS/ MALE/ METHODS/ THROMBIN, physiology

6055. **Medenica R, Alberto P, Lehmann W:** Traitement des carcinomes épidermoïdes oro-pharyngo-laryngés disséminés par combinaison de méthotrexate et de bléomycine à petites doses Schweiz Med Wochenschr 106(23):799–802, 5 Jun 76 (Eng. Abstr.) **(Fre)**
BLEOMYCIN, adverse effects/ *BLEOMYCIN, therapeutic use/ *CARCINOMA, EPIDERMOID, drug therapy/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ *HEAD AND NECK NEOPLASMS, drug therapy/ HUMAN/ LUNG DISEASES, chemically induced/ METHOTREXATE, adverse effects/ *METHOTREXATE, therapeutic use/ THROMBOPENIA, chemically induced

6056. **Medici TC, Fontana A:** Medikamentöse Lungenerkrankungen Schweiz Med Wochenschr 107(6):162–71, 12 Feb 77 (69 ref.) (Eng. Abstr.) **(Ger)**
ALVEOLITIS, EXTRINSIC ALLERGIC, chemically induced/ ANTIBIOTICS, adverse effects/ ASTHMA, chemically induced/ BRONCHITIS, chemically induced/ CASE REPORT/ *DRUG HYPERSENSITIVITY/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FEMALE/ HEXAMETHONIUM COMPOUNDS, toxicity/ HUMAN/ IODINE, adverse effects/ LOEFFLER'S SYNDROME, chemically induced/ *LUNG DISEASES, chemically induced/ LUNG, physiology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, chemically induced/ MIDDLE AGE/ NITROFURANTOIN, adverse effects/ PERIARTERITIS NODOSA, chemically induced/ PNEUMONIA, chemically induced/ PULMONARY EDEMA, chemically induced/ PULMONARY EMBOLISM, chemically induced/ REVIEW/ STEROIDS, adverse effects/ TRYPSIN, adverse effects

6057. **Medicus RG, Götze O, Müller-Eberhard HJ:** The serine protease nature of the C3 and C5 convertases of the classical and alternative complement pathways. Scand J Immunol 5(9):1049–55, 1976
COMPLEMENT 2, analysis/ *COMPLEMENT 2, metabolism/ COMPLEMENT 3/ COMPLEMENT 5/ *COMPLEMENT, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLYCOPROTEINS/ ISOFLUROPHATE, administration & dosage/ ISOFLUROPHATE, metabolism/ *ISOFLUROPHATE, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, immunology/ SNAKE VENOMS, immunology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6058. **Medunitsyn NV:** 'Faktor perenosa'. Eksperimental'nye dannye i perspektivy ego ispol'zovaniia v klinike Patol Fiziol Eksp Ter (1):75–80, Jan–Feb 77 (56 ref.) **(Rus)**
ALDRICH SYNDROME, therapy/ ANIMAL/ BINDING SITES/ CHEMISTRY/ CHILD/ HUMAN/ HYPERSENSITIVITY, DELAYED, immunology/ IMMUNOLOGIC DISEASES, therapy/ LYMPHOCYTE TRANSFORMATION/ MONILIASIS, therapy/ REVIEW/ T-LYMPHOCYTES, immunology/ *TRANSFER FACTOR/ TRANSFER FACTOR, isolation & purification/ TRANSFER FACTOR, pharmacodynamics/ TRANSFER FACTOR, therapeutic use

6059. **Meerbach W, Rüdiger KD, Wöckel W:** Tierexperimentelle Untersuchungen zum Problem der disseminierten intravaskulären Gerinnung Exp Pathol (Jena) 13(1):58–67, 1977 (Eng. Abstr.) **(Ger)**
ADRENAL GLANDS, pathology/ ANIMAL/ DISEASE MODELS, ANIMAL, chemically induced/ DISEASE MODELS, ANIMAL, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ RATS/ *THROMBIN

6060. **Megaffin BB, Crow EW:** Coagulopathy and aneurysm. Aortic dissection complications. J Kans Med Soc 78(9):374–8, Sep 77
AGED/ *ANEURYSM, DISSECTING, complications/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE

6061. **Meguro T, Ishii K, Yamada K:** [The studies on the influence of heparin on the reaction of antithrombin with thrombin, and the optimal dosis of heparin in the reaction (author's transl)] Acta Haematol Jpn 40(2):213–7, Apr 77 (Eng. Abstr.) **(Jpn)**
*ANTITHROMBINS, antagonists & inhibitors/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ GEL DIFFUSION TESTS/ *HEPARIN, pharmacodynamics/ *THROMBIN/ TIME FACTORS

6062. **Mehregan AH, Usndek HE:** Malignant angioendothelioma. Arch Dermatol 112(11):1565–7, Nov 76
ADULT/ AGED/ *FACIAL NEOPLASMS, pathology/ FEMALE/ *HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *SCALP, pathology/ *SKIN NEOPLASMS, pathology

6063. **Mehrishi JN:** Cell surface membrane interactions in reproductive physiology. pp. 25–45. In: Hemmings WA, ed. Maternofoetal transmission of immunoglobulins. London, Cambridge Univ Press, 1976. W3 C162G v.2 1974. (70 ref.)
ACIDS, metabolism/ ANIMAL/ BINDING SITES/ *CELL MEMBRANE, physiology/ CELL MEMBRANE, ultrastructure/ CONCANAVALIN A, metabolism/ FEMALE/ *FERTILIZATION/ GLYCOPROTEINS, metabolism/ HYALURONIDASE, metabolism/ HYDROGEN BONDING/ HYDROGEN-ION CONCENTRATION/ IMMUNOGLOBULINS, metabolism/ MALE/ *MATERNAL-FETAL EXCHANGE/ MEMBRANE POTENTIALS/ MEMBRANE PROTEINS, metabolism/ MONOGRAPH/ PARTHENOGENESIS/ POLYVINYLPYRROLIDONE, metabolism/ PREGNANCY/ RECEPTORS, HORMONE/ REVIEW/ SIALIC ACIDS, physiology/ *SPERM CAPACITATION/ SPERMATOZOA, physiology/ TRYPSIN/ VITELLINE MEMBRANE, physiology

6064. **Meier HL, Pierce JV, Colman RW, et al:** Activation and function of human Hageman factor. The role of high molecular weight kininogen and prekallikrein. J Clin Invest 60(1):18–31, Jul 77
BINDING SITES/ BLOOD COAGULATION DISORDERS, blood/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ ENZYME ACTIVATION/ FACTOR XI DEFICIENCY, blood/ FACTOR XI, metabolism/ *FACTOR XII, physiology/ HUMAN/ KALLIKREIN, metabolism/ *KALLIKREIN, physiology/ KININOGENS, pharmacodynamics/ *KININOGENS, physiology/ MOLECULAR WEIGHT/ PREKALLIKREIN, pharmacodynamics/ *PREKALLIKREIN, physiology/ PROTEIN BINDING/ THROMBOPLASTIN, metabolism

6065. **Meissner AG, O'Sullivan G, Macbeth RA:** The effect of defibrinogenation on pulmonary embolism in dogs. Thromb Haemostas 36(1):140–9, 31 Aug 76
AFIBRINOGENEMIA, physiopathology/ ANIMAL/ DOGS/ *FIBRINOGEN/

FIBRINOGEN, physiology/ HEMODYNAMICS/ PULMONARY EMBOLISM, complications/ *PULMONARY EMBOLISM, physiopathology/ RESPIRATION DISORDERS, complications/ RHEOLOGY

6066. **Meister MM, Bodner AC:** Autoerthrocyte sensitization---a psychogenic purpura? Cutis 19(2):221–4, Feb 77
ADULT/ AUTOIMMUNE DISEASES, etiology/ *AUTOIMMUNE DISEASES, immunology/ CASE REPORT/ *ERYTHROCYTES, immunology/ HUMAN/ HYSTERICAL PERSONALITY, diagnosis/ PREGNANCY/ *PSYCHOPHYSIOLOGIC DISORDERS/ PSYCHOPHYSIOLOGIC DISORDERS, diagnosis/ PUERPERAL DISORDERS, diagnosis/ PURPURA, etiology/ *PURPURA, immunology

6067. **Meleshchenko AA, Gorokhovskaia MG, Ivanova NV:** Vliianie brufena na pokazateli svertyvaemosti krovi u bol'nykh vialo tekushchim revmokarditom. Vrach Delo (6):40–2, Jun 77 **(Rus)**
BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ HUMAN/ *IBUPROFEN, pharmacodynamics/ IBUPROFEN, therapeutic use/ *PHENYLPROPIONATES, pharmacodynamics/ *RHEUMATIC HEART DISEASE, blood/ RHEUMATIC HEART DISEASE, drug therapy

6068. **Meleshina OB, Meleshin SV:** Vliianie radonovykh vann na sistemu tuchnye kletki-geparin krovi immunizirovannykh zhivotnykh Vopr Kurortol Fizioter Lech Fiz Kult (4):41–5, Jul–Aug 76 **(Rus)**
ANIMAL/ ANTIGENS, BACTERIAL, administration & dosage/ *BATHS/ CELL COUNT/ *HEPARIN, blood/ LYMPH NODES, cytology/ MAST CELLS, cytology/ *MAST CELLS, drug effects/ *RADON, pharmacodynamics/ RATS

6069. **Mellière D:** Les pontages de l'axe fémoro-poplité par saphène autogène. A propos de 100 pontages ayant un recul de 1 à 5 ans J Chir (Paris) 113(3):15–38, 1977 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ ENGLISH ABSTRACT/ FEMALE/ *FEMORAL ARTERY/ FEMORAL ARTERY, surgery/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *POPLITEAL ARTERY/ POPLITEAL ARTERY, surgery/ THROMBOSIS, surgery/ TRANSPLANTATION, AUTOLOGOUS/ *VEINS, transplantation

6070. **Mel'man NIa, Peleshchuk AP, Pyrig LA, et al:** O 'dializosposobnosti' bol'nykh s terminal'noĭ stepen'iu khronicheskoĭ pochechnoĭ nedostatochnosti Vrach Delo (1):76–80, Jan 77 (Eng. Abstr.) **(Rus)**
ADULT/ ENGLISH ABSTRACT/ *HEMODIALYSIS/ HEMOSTASIS/ HUMAN/ KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, pathology/ *KIDNEY FAILURE, CHRONIC, therapy/ MALE

6071. **Mel'nik IP, Molodenkov MN, Mashkov OA, et al:** Issledovanie vozmozhnosti ispol'zovaniia immobilizobannoĭ ureazy dlia razlozheniia mocheviny v plazme krovi Biull Eksp Biol Med 83(4):425–7, Apr 77 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION/ ENGLISH ABSTRACT/ ENZYMES, IMMOBILIZED/ HUMAN/ *UREA, blood/ *UREASE

6072. **Mel'nikov AF:** Svertyvaiushchaia aktivnost' oksalatnoĭ i tsitratnoĭ plazmy Lab Delo (4):246–7, 1976 **(Rus)**
ADULT/ AGED/ ANTICOAGULANTS/ *BLOOD COAGULATION, drug effects/ CITRATES, blood/ *CITRATES, pharmacodynamics/ COMPARATIVE STUDY/ CORONARY DISEASE, blood/ FEMALE/ HUMAN/ HYPERTENSION, blood/ MALE/ MIDDLE AGE/ OXALATES, blood/ *OXALATES, pharmacodynamics

6073. **Mel'nikov AF, Gorshunova NK:** Vliianie leikotsitov zdorovykh liudeĭ na svertyvanie krovi Lab Delo (2):78–81, 1977 (Eng. Abstr.) **(Rus)**
ADULT/ ANTITHROMBINS/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HEPARIN ANTAGONISTS/ HUMAN/ *LEUKOCYTES/ LEUKOCYTES, physiology/ MIDDLE AGE

6074. **Mel'nikov AF, Fekeeva MK:** Aktivnost' leĭkotsitarnykh faktorov svertyvaniia krovi u bol'nykh s khronicheskoĭ koronarnoĭ nedostatochnost'iu. Kardiologiia 17(5):49–52, May 77 **(Rus)**
ADULT/ AGED/ ANTITHROMBINS, physiology/ *BLOOD COAGULATION FACTORS/ CHRONIC DISEASE/ *CORONARY DISEASE, blood/ FEMALE/ *FIBRINOLYSIS/ HEPARIN ANTAGONISTS, physiology/ HUMAN/ *LEUKOCYTES, physiology/ MALE/ MIDDLE AGE/ PROTHROMBIN, antagonists & inhibitors

6075. **Mel'nikova VN, Mikhnovich EP, Kuz'min VA, et al:** Sravnitel'naia otsenka funktsional'nykh svoĭstv eritrotsitov razlichnykh gemotransfuzionnykh sred. Probl Gematol Pereliv Krovi 22(6):11–7, Jun 77 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION/ BLOOD TRANSFUSION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ HUMAN/ TEMPERATURE

6076. **Meloen RH:** Localisation on foot-and-mouth disease virus (FMDV) of an antigenic deficiency induced by passage in BHK cells. Arch Virol 51(4):299–306, 1976
*ANTIGENS, VIRAL/ CATTLE, immunology/ *CELL LINE/ FOOT-AND-MOUTH DISEASE VIRUS, drug effects/ *FOOT-AND-MOUTH DISEASE VIRUS, immunology/ GEL DIFFUSION TESTS/ GUINEA PIGS, immunology/ HAMSTERS/ IMMUNE SERUMS/ NEUTRALIZATION TESTS/ SWINE, immunology/ TRYPSIN, pharmacodynamics/ VIRUS CULTIVATION

6077. **Melrose DG:** Operational conditions underlying the design of membrane oxygenators. pp. 7–12.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.
BIOMEDICAL ENGINEERING/ BLOOD VISCOSITY/ BLOOD VOLUME/ BODY SURFACE AREA/ CARBON DIOXIDE, blood/ CARDIAC OUTPUT/ HUMAN/ MONOGRAPH/ OXYGEN CONSUMPTION/ *OXYGENATORS, MEMBRANE

6078. **Melson GL, Cowgill RW:** Comparison of the muscle protein paramyosin from different molluscan species. Comp Biochem Physiol [B] 55(4):503–10, 1976
AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ COMPARATIVE STUDY/ GUANIDINES/ *MOLLUSCA, analysis/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SOLUBILITY/ SPECIES SPECIFICITY/ SPECTROMETRY, FLUORESCENCE/ *TROPOMYOSIN/ TROPOMYOSIN, isolation & purification/ TRYPSIN/ TYROSINE, analysis

6079. **Memon MS, Baskova IP:** Produkty tsitrakonilirovaniia bych'ego protrombina i ikh aktivatsiia faktorom Xa Biokhimiia 42(3):505–12, Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ CATALYSIS/ CATTLE/ CHEMISTRY/ *CITRACONIC ANHYDRIDE/ ELECTROPHORESIS, DISC/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ ESTERS/ *FACTOR X/ *FURANS/ MOLECULAR WEIGHT/ *PROTHROMBIN/ SODIUM DODECYL SULFATE

6080. **Menasche P, Piwnica A:** Assitance respiratoire par oxygénateur à membrane. problèmes chirurgicaux Ann Chir Thorac Cardiovasc 16(1):39–41, Jan 77 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ HEART SURGERY, adverse effects/ HEMODYNAMICS/ HEMOSTASIS/ HUMAN/ *OXYGENATORS, MEMBRANE, methods/ RESPIRATION DISORDERS, etiology/ RESPIRATORS, standards

6081. **Menashi S, Harwood R, Grant ME:** Native collagen is not a substrate for the collagen glucosyltransferase of platelets. Nature 264(5587):670–2, 16 Dec 76
ANIMAL/ *BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ *COLLAGEN/

COLLAGEN, metabolism/ ENZYME ACTIVATION/ *GLUCOSYLTRANSFERASES, metabolism/ HEAT/ IN VITRO/ KINETICS/ MANGANESE, pharmacodynamics/ PLATELET ADHESIVENESS/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBCELLULAR FRACTIONS, enzymology/ SWINE

6082. **Mendelsohn G, Gomperts ED, Gurwitz D:** Severe antithrombin III deficiency in an infant associated with multiple arterial and venous thromboses. Thromb Haemostas 36(3):495–502, 31 Dec 76
*ALPHA GLOBULINS, deficiency/ CASE REPORT/ *HEPARIN CO-FACTOR, deficiency/ HUMAN/ HYALIN SUBSTANCE, analysis/ INFANT/ LIVER CIRRHOSIS, complications/ LIVER, analysis/ LIVER, pathology/ MALE/ THROMBOPHLEBITIS, blood/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, pathology/ THROMBOSIS, blood/ *THROMBOSIS, complications/ THROMBOSIS, pathology

6083. **Mendelson CR, Zinder O, Blanchette-Mackie EJ, et al:** Lipoprotein lipase and lipid metabolism in mammary gland. J Dairy Sci 60(4):666–76, Apr 77
ANIMAL/ CAPILLARIES, metabolism/ CAPILLARIES, ultrastructure/ CHOLESTEROL, metabolism/ CHYLOMICRONS, metabolism/ DIETARY FATS, metabolism/ ENDOTHELIUM, metabolism/ FATTY ACIDS, metabolism/ FEMALE/ HUMAN/ IN VITRO/ *LIPIDS, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ MAMMAE, blood supply/ MAMMAE, enzymology/ *MAMMAE, metabolism/ MILK, metabolism/ RATS/ TIME FACTORS/ TRIGLYCERIDES, metabolism

6084. **Menegatti E, Ferroni R, Benassi CA, et al:** Arginine modification in Kunitz bovine trypsin inhibitor through 1, 2-cyclohexanedione. Int J Pept Protein Res 10(2):146–52, 1977
AMINO ACIDS/ *ARGININE/ BUFFERS/ CATTLE/ CHYMOTRYPSIN/ *CYCLOHEXANES/ HYDROLYSIS/ *KALLIKREIN-TRYPSIN INACTIVATOR/ TEMPERATURE/ TRYPSIN INHIBITORS

6085. **Menné T, Jaszczak P:** The iliac compression syndrome. En årsag til recidiverende ulcus cruris Ugeskr Laeger 139(10):588–9, 7 Mar 77 (Eng. Abstr.) **(Dan)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ *ILIAC VEIN, abnormalities/ *LEG ULCER, etiology/ MALE/ SYNDROME/ *THROMBOPHLEBITIS, etiology

6086. **Mennear JH:** Familial pharmacology. Am Fam Physician 15(6):100–2, Jun 77
ADRENAL CORTEX HORMONES, adverse effects/ CHLORIDES, metabolism/ COUMARINS, pharmacodynamics/ DRUG RESISTANCE/ FUTUROLOGY/ GLAUCOMA, chemically induced/ GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY, familial & genetic/ HUMAN/ ISONIAZID, metabolism/ PARASYMPATHOLYTICS, adverse effects/ *PHARMACOGENETICS/ SUCCINYLCHOLINE, metabolism

6087. **Menon M, Tananis CE, McLoughlin MG, et al:** The measurement of androgen receptors in human prostatic tissue utilizing sucrose density centrifugation and a protamine precipitation assay. J Urol 117(3):309–12, Mar 77
CENTRIFUGATION, DENSITY GRADIENT/ CYTOSOL, metabolism/ HUMAN/ MALE/ PRECIPITATION/ *PROSTATE, metabolism/ *PROTAMINES, metabolism/ *RECEPTORS, ANDROGEN/ *RECEPTORS, STEROID/ STANOLONE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6088. **Menon M, Tananis CE, McLoughlin MG, et al:** Androgen receptors in human prostatic tissues: a review. Cancer Treat Rep 61(2):265–71, Mar-Apr 77 (26 ref.)
CENTRIFUGATION, DENSITY GRADIENT/ CHARCOAL/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, AGAR GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ MALE/ METHODS/ PRECIPITATION/ *PROSTATE, metabolism/ PROTAMINES/ *RECEPTORS, ANDROGEN, isolation & purification/ *RECEPTORS, STEROID, isolation & purification/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6089. **Menon PV, Kurup PA:** Dietary fibre and cholesterol metabolism: effect of fibre rich polysaccharide from blackgram (Phaseolus mungo) on cholesterol metabolism in rats fed normal and atherogenic diet. Biomedicine 24(4):248–53, 1976
ANIMAL/ AORTA, analysis/ BILE ACIDS AND SALTS, metabolism/ *CELLULOSE, metabolism/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ COMPARATIVE STUDY/ DEOXYCHOLIC ACID, pharmacodynamics/ DIET, ATHEROGENIC/ *DIETARY FIBER, metabolism/ FATTY ACIDS, pharmacodynamics/ FECES, analysis/ GLUCOSE, metabolism/ LIVER, analysis/ MALE/ RATS/ STEROLS, metabolism/ SUCROSE, metabolism/ VEGETABLES

6090. **Menzies RE:** Comparison of coagulase, deoxyribonuclease (DNase), and heat-stable nuclease tests for identification of Staphylococcus aureus. J Clin Pathol 30(7):606–8, Jul 77
*BACTERIOLOGICAL TECHNICS/ COAGULASE/ COMPARATIVE STUDY/ DEOXYRIBONUCLEASE/ HEAT/ *STAPHYLOCOCCUS AUREUS, classification

6091. **Mercadante G, Rebulla E, Tarantino G, et al:** Colite ulcerosa e colite di Crohn. Aspetti clinico-radiologici Radiol Med (Torino) 62(9):587–98, Sep 76 (Eng. Abstr.) **(Ita)**
COLITIS, ULCERATIVE, complications/ *COLITIS, ULCERATIVE, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ ENTERITIS, REGIONAL, complications/ *ENTERITIS, REGIONAL, radiography/ HUMAN/ INTESTINAL FISTULA, etiology/ INTESTINAL NEOPLASMS, etiology/ INTESTINAL POLYPS, etiology/ MEGACOLON, etiology/ THROMBOPHLEBITIS, etiology

6092. **Mercanti D, Butler R, Revoltella R:** A tryptic digestion fragment of nerve growth factor with nerve growth promoting activity. Biochim Biophys Acta 496(2):412–9, 28 Feb 77
AMINO ACIDS, analysis/ ANIMAL/ CHICK EMBRYO/ CYANOGEN BROMIDE/ GANGLIA, growth & development/ MALE/ MICE/ NERVE GROWTH FACTOR, isolation & purification/ *NERVE GROWTH FACTOR, pharmacodynamics/ PEPTIDE FRAGMENTS, isolation & purification/ *PEPTIDE FRAGMENTS, pharmacodynamics/ *TRYPSIN

6093. **Mercier C, Huguet JF, Houel F:** Diagnostic et traitement des compressions vasculaires dans la traversée thoraco-brachiale Praxis 65(44):1359, 2 Nov 76 (Eng. Abstr.) **(Fre)**
ANEURYSM, etiology/ *ARTERIAL OCCLUSIVE DISEASES/ BRACHIAL ARTERY/ CERVICAL RIB SYNDROME, surgery/ ENGLISH ABSTRACT/ HUMAN/ PHYSICAL THERAPY/ RIBS, surgery/ SUBCLAVIAN ARTERY/ SUBCLAVIAN VEIN/ THROMBOSIS, etiology

6094. **Mercier C, Houël F:** Les thromboses caves Rev Prat 27(21):1365–9, 11 Apr 77 (Eng. Abstr.) **(Fre)**
ADULT/ BLOOD COAGULATION/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ THROMBOSIS, diagnosis/ *THROMBOSIS, physiopathology/ THROMBOSIS, radiography/ THROMBOSIS, therapy/ *VENA CAVA, INFERIOR

6095. **Mercier JC, Addeo F, Pélissier JP:** Structure primaire du caséinomacropeptide de la caseine K caprine Biochimie 58(11-12):1303–10, 1976 (Eng. Abstr.) **(Fre)**
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *CASEIN/ CHYMOTRYPSIN/ CYTOSINE NUCLEOTIDES/ ENGLISH ABSTRACT/ GOATS/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS, analysis/ THERMOLYSIN

6096. **Mercier JC, Bourrillon A, Beaufils F, et al:** Intolérance

héréditaire au fructose à révélation précoce
Arch Fr Pediatr 33(10):945–53, Dec 76 (Eng. Abstr.) **(Fre)**
ALANINE AMINOTRANSFERASE, blood/ BLOOD COAGULATION DISORDERS, etiology/ *CARBOHYDRATE METABOLISM, INBORN ERRORS/ CARBOHYDRATE METABOLISM, INBORN ERRORS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ EXCHANGE TRANSFUSION/ FEMALE/ *FRUCTOSE INTOLERANCE/ FRUCTOSE INTOLERANCE, diet therapy/ FRUCTOSE INTOLERANCE, diagnosis/ FRUCTOSEDIPHOSPHATE ALDOLASE, analysis/ GALACTOSEMIA, diagnosis/ HEMORRHAGE, etiology/ HEPATOMEGALY, etiology/ HUMAN/ HYPOGLYCEMIA, etiology/ INFANT/ INFANT, NEWBORN/ JAUNDICE, etiology/ LIVER FUNCTION TESTS/ LIVER, enzymology/ NEUROLOGIC MANIFESTATIONS/ PROGNOSIS/ RESPIRATORY INSUFFICIENCY, etiology/ TYROSINE, blood

6097. **Merino J, García-Conde J, Benet I:** Estudio funcional de la fibrinoformación en la sangre del recién nacido. Sangre (Barc) 22(4):439–52, 1977 (Eng. Abstr.) **(Spa)**
ANTICOAGULANTS, pharmacodynamics/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ *BLOOD, drug effects/ ENGLISH ABSTRACT/ FEMALE/ *FIBRIN, biosynthesis/ *FIBRINOGEN/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, blood/ PREGNANCY/ *UMBILICAL CORD

6098. **Merkin TE:** Priapism as a sequela of chlorpromazine therapy. JACEP 6(8):367–8, Aug 77
ADULT/ CASE REPORT/ *CHLORPROMAZINE, adverse effects/ HEPARIN, administration & dosage/ HUMAN/ IRRIGATION/ MALE/ *PRIAPISM, chemically induced/ PRIAPISM, therapy

6099. **Merrill W, Donahoo JS, Brawley RK, et al:** Late cardiac tamponade: a potentially lethal complication of open-heart surgery. J Thorac Cardiovasc Surg 72(6):929–32, Dec 76
ADULT/ AORTOCORONARY BYPASS, adverse effects/ *CARDIAC TAMPONADE, etiology/ CARDIAC TAMPONADE, therapy/ CASE REPORT/ FEMALE/ *HEART SURGERY, adverse effects/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS/ TIME FACTORS/ WARFARIN, adverse effects/ WARFARIN, therapeutic use

6100. **Merriman CR, Pulliam LA, Kampschmidt RF:** Comparison of leukocytic pyrogen and leukocytic endogenous mediator. Proc Soc Exp Biol Med 154(2):224–7, Feb 77
ANIMAL/ COMPARATIVE STUDY/ FIBRINOGEN, blood/ IRON, blood/ LEUKOCYTE COUNT/ LEUKOCYTES, analysis/ *LEUKOCYTES, physiology/ NEUTROPHILS/ *PYROGENS, isolation & purification/ RATS/ ZINC, blood

6101. **Mertvetsov NP, Chesnokov VN, Sakhno LV, et al:** Vydelenie indutsiruemogo i ne indutsiruemogo kortizolom izofermentov tirozin-aminotransferazy pecheni krys i izuchenie ikh svoĭstv Biokhimiia 41(8):1352–66, Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ APOENZYMES/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ HOMEOSTASIS/ *HYDROCORTISONE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ ISOENZYMES, isolation & purification/ *ISOENZYMES, metabolism/ KINETICS/ *LIVER, enzymology/ PEPTIDE HYDROLASES, metabolism/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TYROSINE AMINOTRANSFERASE, isolation & purification/ *TYROSINE AMINOTRANSFERASE, metabolism

6102. **Merville C, Dosne AM, Caen JP:** Le sous-endothélium vasculaire: structure et fonctions Pathol Biol (Paris) 24 Suppl:18–22, Dec 76 (36 ref.) (Eng. Abstr.) **(Fre)**
ANIMAL/ AORTA, physiology/ *AORTA, ultrastructure/ BASEMENT MEMBRANE, ultrastructure/ BLOOD PLATELETS, physiology/ COLLAGEN, analysis/ COLLAGEN, physiology/ COMPARATIVE STUDY/ CYTOPLASMIC GRANULES, physiology/ ELASTIN, analysis/ ENDOTHELIUM, ultrastructure/ ENGLISH ABSTRACT/ FIBRIN, analysis/ GLYCOPROTEINS, analysis/ GLYCOSAMINOGLYCANS, analysis/ HUMAN/ KIDNEY GLOMERULUS, physiology/ *KIDNEY GLOMERULUS, ultrastructure/ LIPIDS, analysis/ MICROSCOPY, ELECTRON/ PERMEABILITY/ PLATELET ADHESIVENESS/ REVIEW/ THROMBOSIS, physiopathology

6103. **Méry JP, Morel-Maroger L:** Acute interstitial nephritis. A hypersensitivity reaction to drugs. pp. 524–9.
In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a.
AMPICILLIN, adverse effects/ *ANTIBIOTICS, adverse effects/ DRUG HYPERSENSITIVITY/ HUMAN/ KIDNEY, pathology/ METHICILLIN, adverse effects/ MONOGRAPH/ *NEPHRITIS, INTERSTITIAL, chemically induced/ NEPHRITIS, INTERSTITIAL, pathology/ *PHENINDIONE, adverse effects/ RIFAMPIN, adverse effects/ *SULFANILAMIDES, adverse effects

6104. **Mery JPh:** Etude critique du traitement des néphropathies lupiques Ann Med Interne (Paris) 128(1):9–15, Jan 77 (30 ref.) (Eng. Abstr.) **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIMALARIALS, therapeutic use/ ENGLISH ABSTRACT/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, surgery/ *GLOMERULONEPHRITIS, therapy/ HEMODIALYSIS/ HEPARIN, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INDOMETHACIN, therapeutic use/ KIDNEY, transplantation/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, surgery/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, therapy/ REVIEW/ TRANSPLANTATION, HOMOLOGOUS

6105. **Meryman HT, Hornblower M:** Freezing and deglycerolizing sickle-trait red blood cells. Transfusion 16(6):627–32, Nov-Dec 76
*ANEMIA, SICKLE CELL, blood/ BICARBONATES, blood/ BLOOD PRESERVATION, methods/ CENTRIFUGATION/ *ERYTHROCYTES, ABNORMAL/ FREEZING/ *GLYCERIN, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OSMOLAR CONCENTRATION/ *SICKLE CELL TRAIT, blood

6106. **Meryman HT, Howard J:** Cryopreservation of granulocytes. Prog Clin Biol Res 13:193–201, 1977 (30 ref.)
*BLOOD PRESERVATION, methods/ CRYOPROTECTIVE AGENTS/ DIMETHYL SULFOXIDE/ FREEZING/ *GRANULOCYTES/ HUMAN/ *LEUKOCYTES/ REVIEW/ TEMPERATURE

6107. **Meryman HT, Williams RJ, Douglas MS:** Freezing injury from 'solution effects' and its prevention by natural or artificial cryoprotection. Cryobiology 14(3):287–302, Jun 77
ACETATES, pharmacodynamics/ ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL/ *BLOOD PRESERVATION/ CELL MEMBRANE, physiology/ CELLS, cytology/ CELLS, physiology/ *CRYOPROTECTIVE AGENTS/ DIMETHYL SULFOXIDE, pharmacodynamics/ *FREEZING/ GLYCERIN, pharmacodynamics/ HEMOLYSIS, drug effects/ HUMAN/ OSMOLAR CONCENTRATION/ PHOSPHOLIPIDS, physiology/ PLANTS/ POLYVINYLPYRROLIDONE, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ SOLUTIONS/ SUCROSE, pharmacodynamics/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WATER

6108. **Messeter L, Ugander L, Monti M, et al:** CPD-adenine as a blood preservative--studies in vitro and in vivo. Transfusion 17(3):210-7, May-Jun 77
ADENINE/ *BLOOD PRESERVATION, methods/ BLOOD TRANSFUSION, AUTOLOGOUS/ CELL SURVIVAL/ CITRATES/ ERYTHROCYTES/ GLUCOSE/ HEME, metabolism/ HUMAN/ IN VITRO/ PHOSPHATES

6109. **Messing P, Bitoun A, Poitras P, et al:** Thromboplebitis in intravenous nutrition [letter]. Lancet 2(7999):1351-2, 18 Dec 76
*AXILLARY VEIN/ *CATHETERIZATION, adverse effects/ HUMAN/ *PARENTERAL FEEDING/ PHLEBOGRAPHY/ *SUBCLAVIAN VEIN/ *THROMBOSIS, etiology/ THROMBOSIS, radiography

6110. **Messmer BJ:** Late thrombosis of the aortic Bjork-Shiley prosthesis [letter]. Chest 71(3):432-3, Mar 77
ANTICOAGULANTS, therapeutic use/ *AORTIC VALVE, surgery/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ *THROMBOSIS, etiology/ THROMBOSIS, prevention & control

6111. **Messmer K:** Die Grundlagen der akuten präoperativen Hämodilution und Autotransfusion
Klin Anaesthesiol Intensivther 9:1-9, 1975 **(Ger)**
ADULT/ AGED/ *BLOOD TRANSFUSION, AUTOLOGOUS, methods/ BLOOD VISCOSITY/ FEMALE/ HEMATOCRIT/ HUMAN/ MALE/ MYOCARDIUM, metabolism/ OXYGEN CONSUMPTION/ OXYGEN, blood/ *PLASMA SUBSTITUTES/ *PLASMA VOLUME/ PREGNANCY/ PREGNANCY, ECTOPIC, surgery/ *PREOPERATIVE CARE/ RHEOLOGY/ TIME FACTORS

6112. **Messmer K:** Les effets de l'hémodilution sur les propriétés rhéologiques du sang et sur l'oxygénation des tissus
Anesth Analg (Paris) 3(4):509-20, Jul-Aug 76 **(Fre)**
ANIMAL/ *BLOOD VISCOSITY/ *BLOOD VOLUME/ DOGS/ HEMATOCRIT/ HEMODYNAMICS/ *OXYGEN CONSUMPTION/ OXYGEN, blood/ *PLASMA SUBSTITUTES/ RHEOLOGY/ VASCULAR RESISTANCE

6113. **Mestecky J, Hammack WJ, Kulhavy R, et al:** Properties of IgA myeloma proteins isolated rom sera of patients with the hyperviscosity syndrome. J Lab Clin Med 89(5):919-27, May 77
AGED/ *BLOOD VISCOSITY/ CHEMISTRY/ FEMALE/ HUMAN/ *IGA, analysis/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, J CHAIN/ IMMUNOGLOBULINS, LIGHT CHAIN/ MALE/ MIDDLE AGE/ MOLECULAR CONFORMATION/ *MULTIPLE MYELOMA, blood/ *MYELOMA PROTEINS, analysis/ MYELOMA PROTEINS, urine/ POLYMERS/ ULTRACENTRIFUGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6114. **Metelitsa VI, Chubukova AL, Iliushina IP, et al:** Rasprostranennost' ishemicheskoĭ bolezni serdtsa v zavisimosti ot vyrazhennosti nekotorykh faktorov riska
Kardiologiia 17(2):83-91, 1977 (Eng. Abstr.) **(Rus)**
AGE FACTORS/ BLOOD PRESSURE/ BLOOD SUGAR, analysis/ CHOLESTEROL, blood/ CORONARY DISEASE, blood/ *CORONARY DISEASE, occurrence/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HUMAN/ MALE/ MATHEMATICS/ MIDDLE AGE/ MOSCOW/ RISK/ TRIGLYCERIDES, blood

6115. **Methfessel J, Rodina I:** Einfluss entkoppelnder Agentien auf die Transamidinase-Kapazität von Nieren und Pankreas
Acta Biol Med Ger 35(3-4):317-23, 1976 (Eng. Abstr.) **(Ger)**
ADENOSINE TRIPHOSPHATE, metabolism/ *AMIDINOTRANSFERASES, metabolism/ ANIMAL/ CREATINE, metabolism/ CREATININE, metabolism/ DINITROPHENOLS, pharmacodynamics/ ENGLISH ABSTRACT/ FASTING/ HYPERTHYROIDISM, enzymology/ KIDNEY, drug effects/ *KIDNEY, enzymology/ OXIDATIVE PHOSPHORYLATION, drug effects/ PANCREAS, drug effects/ *PANCREAS, enzymology/ RATS/ *UNCOUPLING AGENTS, pharmacodynamics/ VITAMIN E DEFICIENCY, enzymology/ VITAMIN K DEFICIENCY, enzymology

6116. **Metz J, Forssman WG, Ito S:** Exocrine pancreas under experimental conditions. III. Membrane and cell junctions in isolated acinar cells. Cell Tissue Res 177(4):459-74, 14 Feb 77
ANIMAL/ CELL MEMBRANE, ultrastructure/ CELL SEPARATION/ FREEZE FRACTURING/ *INTERCELLULAR JUNCTIONS, ultrastructure/ MALE/ MICROSCOPY, ELECTRON/ *PANCREAS, ultrastructure/ RATS/ TRYPSIN

6117. **Metzler U, Oberhoffer G:** Ergebnis der Fibrinolysebehandlund bei retinaler Venenthrombose in Abhängigkeit von der Krankheitsdauer
Ber Dtsch Ophthalmol Ges 74:559-63, 1977 **(Ger)**
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ COMPARATIVE STUDY/ *FIBRINOLYTIC AGENTS, therapeutic use/ FLUORESCENCE ANGIOGRAPHY/ HUMAN/ MACULA LUTEA, pathology/ MIDDLE AGE/ RETINAL VESSELS/ *THROMBOPHLEBITIS, drug therapy/ VISUAL PERCEPTION

6118. **Meyer FA, Silberberg A:** Aging and the interstitial content of loose connective tissue. A brief note.
Mech Ageing Dev 5(6):437-42, 1976
*AGING/ ANIMAL/ CATTLE/ CHONDROITIN SULFATES, analysis/ COLLAGEN, analysis/ *CONNECTIVE TISSUE, analysis/ DERMATAN SULFATE, analysis/ HEART VALVES, analysis/ HYALURONIC ACID, analysis/ HYALURONIDASE, analysis/ TRYPSIN, analysis

6119. **Meyer FU, Kurze D:** In-vivo-Untersuchungen zur Beeinflussung der Hämostase durch alpha-Chymotrypsin
Stomatol DDR 27(2):89-92, Feb 77 (Eng. Abstr.) **(Ger)**
*CHYMOTRYPSIN, pharmacodynamics/ EDEMA, prevention & control/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ HEMATOMA, prevention & control/ *HEMOSTASIS, drug effects/ HUMAN/ MOLAR/ TOOTH EXTRACTION

6120. **Meyer V, Maass D, Donski P, et al:** Die Bedeutung der Mikrochirurgie in der Extremitätenchirurgie. I. Replantationschirurgie im Finger-Hand-Bereich
Helv Chir Acta 43(5-6):667-8, Dec 76 **(Ger)**
ACCIDENTS, INDUSTRIAL/ ADULT/ *AMPUTATION, TRAUMATIC, surgery/ ANTICOAGULANTS, therapeutic use/ FINGER INJURIES, surgery/ HAND INJURIES, surgery/ HUMAN/ MALE/ METHODS/ *MICROSURGERY, methods/ POSTOPERATIVE CARE/ *REIMPLANTATION, methods

6121. **Meyers C, Glass JD:** Enzymes as reagents in peptide synthesis. pp. 325-31.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
ARGININE/ INDICATORS AND REAGENTS/ METHODS/ MONOGRAPH/ OXYTOCIN, biosynthesis/ *PEPTIDES, chemical synthesis/ PICRATES/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6122. **Meyers JD, Dienstag JL, Purcell RH, et al:** Parenterally transmitted non-A, non-B hepatitis: an epidemic reassessed. Ann Intern Med 87(1):57-9, Jul 77
ANTIBODIES, VIRAL, analysis/ BLOOD DONORS/ BLOOD PLATELETS, transplantation/ *BLOOD TRANSFUSION, adverse effects/ BONE MARROW CELLS, transplantation/ BURKITT'S LYMPHOMA VIRUS, immunology/ *CROSS INFECTION, transmission/ HEPATITIS A VIRUS, immunology/ HEPATITIS A, immunology/ HEPATITIS B SURFACE ANTIGEN, analysis/ *HEPATITIS, VIRAL, HUMAN, transmission/ *HOSPITAL INFECTIONS, transmission/ HUMAN/ IMMUNE ADHERENCE REACTION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6123. **Meyerstein N, Mazor D, Dvilansky A:** Changes in agglomeration of human red blood cells in liquid storage in CPD media. Transfusion 17(2):115-22, Mar-Apr 77

ADENOSINE TRIPHOSPHATE, blood/ ADENOSINE/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CITRATES/ *ERYTHROCYTE AGGREGATION/ *ERYTHROCYTE AGING/ ERYTHROCYTES, metabolism/ GLUCOSE/ HYDROGEN-ION CONCENTRATION/ PHOSPHATES/ SODIUM CHLORIDE/ SUCROSE

6124. **Mezzano D, Foradori A, Lira P, et al:** Estudio de la cinética de las plaquetas marcadas con 51Cr Rev Med Chil 104(12):887–92, Dec 76 (Eng. Abstr.) **(Spa)**
ADULT/ AGED/ *BLOOD PLATELETS, pathology/ *BONE MARROW DISEASES, pathology/ *CELL MOVEMENT/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ ISOTOPE LABELING/ MALE/ MIDDLE AGE/ *MYELOPROLIFERATIVE DISORDERS, pathology/ *PURPURA, THROMBOPENIC, pathology

6125. **Miagkaia IP, Mkhitarian LS, Lipkan GN:** Izmenenie nekotorykh pokazateleĭ gemokoaguliatsii u bol'nykh aterosklerozom v protsesse lecheniia syrovotkoĭ Bogomol'tsa Vrach Delo (4):79–82, Apr 76 **(Rus)**
ADULT/ *ANTIRETICULAR CYTOTOXIC SERUM, therapeutic use/ ARTERIOSCLEROSIS, blood/ *ARTERIOSCLEROSIS, drug therapy/ *BLOOD COAGULATION/ HUMAN/ MIDDLE AGE

6126. **Miale TD, Lawson DL, Demian S, et al:** Possible involvement of blood platelet/megakaryocyte system in alpha-1-antitrypsin deficiency [letter] Lancet 2(8028):93–4, 9 Jul 77
*ALPHA 1-ANTITRYPSIN, deficiency/ *BLOOD PLATELETS, pathology/ BLOOD PLATELETS, physiology/ CASE REPORT/ CELLULAR INCLUSIONS, ultrastructure/ CHILD/ HUMAN/ MALE/ *MEGAKARYOCYTES, pathology/ METABOLISM, INBORN ERRORS, blood/ MICROSCOPY, ELECTRON/ PLATELET AGGREGATION/ STAINS AND STAINING/ THROMBOPENIA, blood/ THROMBOPENIA, etiology

6127. **Mianniste IuE, Sibul' UF:** Taktika khirurgicheskogo lecheniia bol'nykh s posttromboflebiticheskim sindromom nizhnikh konechnosteĭ Sov Med (3):51–3, Mar 76 **(Rus)**
HUMAN/ LEG, blood supply/ METHODS/ SYNDROME/ *THROMBOPHLEBITIS, surgery

6128. **Miceli DC, Del Pino EJ, Barbieri FD, et al:** The vitelline envelope-to-fertilization envelope transformation in the toad Bufo arenarum. Dev Biol 59(2):101–10, Sep 77
ANIMAL/ BUFO ARENARUM/ *CELL MEMBRANE/ FEMALE/ HYDROGEN-ION CONCENTRATION/ OSMOLAR CONCENTRATION/ PRONASE/ SOLUBILITY/ SULFHYDRYL REAGENTS, pharmacodynamics/ TEMPERATURE/ THIOCYANATES/ TRYPSIN/ *VITELLINE MEMBRANE/ WATER/ *ZYGOTE

6129. **Michael J:** Zur Behandlung des Ulcus cruris Klinische Erfahrungen mit Ulcrux-Creme und -Puder Fortschr Med 94(19):1148–51, 1 Jul 76 (Eng. Abstr.) **(Ger)**
ACETIC ACIDS, therapeutic use/ ADULT/ AGED/ ALLANTOIN, therapeutic use/ CLINICAL RESEARCH/ DRUG COMBINATIONS/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ *LEG ULCER, drug therapy/ MALE/ MIDDLE AGE/ OINTMENTS/ *PANTOTHENIC ACID, analogs & derivatives/ PANTOTHENIC ACID, therapeutic use/ *POLYETHYLENE GLYCOLS, therapeutic use/ POWDERS/ *TETRACYCLINE, therapeutic use

6130. **Michaelsen TE, Frangione B, Franklin EC:** Primary structure of the 'hinge' region of human IgG3. Probable quadruplication of a 15-amino acid residue basic unit. J Biol Chem 252(3):883–9, 10 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ HUMAN/ *IGG/ *IMMUNOGLOBULIN FRAGMENTS/ IMMUNOGLOBULINS, HEAVY CHAIN/ MULTIPLE MYELOMA, immunology/ PEPTIDE FRAGMENTS, analysis/ PROTEIN CONFORMATION/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6131. **Michaelsen TE, Frangione B, Franklin EC:** The amino acid sequence of a human immunoglobulin G3m(g) pFc' fragment. J Immunol 119(2):558–63, Aug 77
AMINO ACID SEQUENCE/ ARGININE/ CYANOGEN BROMIDE/ HUMAN/ *IGG/ *IMMUNOGLOBULIN ALLOTYPES/ IMMUNOGLOBULIN FRAGMENTS/ *IMMUNOGLOBULINS, FC/ *IMMUNOGLOBULINS, GAMMA CHAIN/ *IMMUNOGLOBULINS, HEAVY CHAIN/ MYELOMA PROTEINS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6132. **Michailow R:** Methode zur Blutgruppenbestimmung von unvollständig hämolysiertem Blut nach Verlust seiner Agglutinationsfähigkeit. Z Rechtsmed 80(1):35–8, 5 Jul 77 (Eng. Abstr.) **(Ger)**
*AGGLUTINATION/ *BLOOD GROUPS/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ ERYTHROCYTES, immunology/ *HEMOLYSIS/ HUMAN/ IMMUNE SERUMS/ ISOANTIBODIES, isolation & purification

6133. **Michajlik A, Bartnikowska E:** Aktywność lipolityczna krwinek czerwonych Pol Tyg Lek 32(17):625–6, 25 Apr 77 (Eng. Abstr.) **(Pol)**
ADULT/ ENGLISH ABSTRACT/ ERYTHROCYTE MEMBRANE, enzymology/ *ERYTHROCYTES, enzymology/ HUMAN/ LIPIDS, blood/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, metabolism/ MALE

6134. **Michalke WD, Haas T:** Lungenembolie Fortschr Med 94(11):614–21, 15 Apr 76 **(Ger)**
HUMAN/ METHODS/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, therapy

6135. **Michalski R, Pniejnia-Olszyński W:** Zaburzenia czynności płytek krwi. I. Zespoły uwarunkowane genetycznie Acta Haematol Pol 8(1):49–55, Jan-Mar 77 (30 ref.) **(Pol)**
ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ *BLOOD PLATELET DISORDERS, familial & genetic/ HUMAN/ PLATELET AGGREGATION, drug effects/ PURPURA, THROMBOPENIC, familial & genetic/ REVIEW/ RISTOCETIN, diagnostic use/ RISTOCETIN, pharmacodynamics/ VON WILLEBRAND FACTOR, analysis/ VON WILLEBRAND'S DISEASE, familial & genetic

6136. **Micheau C:** A new histochemical approach to olfactory esthesioneuroma. A nasal tumor of neural crest origin. Cancer 40(1):314–8, Jul 77
CATECHOLAMINES, metabolism/ CYTOPLASMIC GRANULES, ultrastructure/ DOPAMINE BETA-HYDROXYLASE, metabolism/ ESTERASES, metabolism/ HUMAN/ *NEUROEPITHELIOMA, metabolism/ NEUROEPITHELIOMA, ultrastructure/ *NOSE NEOPLASMS, metabolism/ NOSE NEOPLASMS, ultrastructure/ OXIDOREDUCTASES, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PHOSPHATASES, metabolism

6137. **Michel A, Dirkx J:** Occurrence of tryptophan in the enzymically active site of diphtheria toxin fragment A. Biochim Biophys Acta 491(1):286–95, 28 Mar 77
BENZYL COMPOUNDS/ BINDING SITES/ CHYMOTRYPSIN/ CIRCULAR DICHROISM/ *DIPHTHERIA TOXIN/ DIPHTHERIA TOXIN, metabolism/ NITRO COMPOUNDS/ OPTICAL ROTATORY DISPERSION/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPTOPHAN, analysis

6138. **Michel C, Chrétien M:** Modification of Cunningham's method for the detection of proteases in tissue sections. Microsc Acta 79(2):145–52, Mar 77
ANIMAL/ CEREBELLUM, enzymology/ DUODENUM, enzymology/ GELATIN/

*HISTOCYTOCHEMISTRY, methods/ MICE/ *PEPTIDE HYDROLASES, analysis/ STAINS AND STAINING/ SUBMANDIBULAR GLAND, enzymology

6139. **Michelson PA:** On monitoring heparin therapy [letter]. Am J Hosp Pharm 33(12):1242–5, Dec 76
HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN

6140. **Michenfelder JD, Milde JH:** Failure of prolonged hypocapnia, hypothermia, or hypertension to favorably alter acute stroke in primates. Stroke 8(1):87–91, Jan–Feb 77
ACUTE DISEASE/ ANGIOTENSIN, pharmacodynamics/ ANIMAL/ BLOOD PRESSURE, drug effects/ BLOOD VISCOSITY/ *CARBON DIOXIDE, blood/ CEREBROVASCULAR DISORDERS, blood/ CEREBROVASCULAR DISORDERS, complications/ *CEREBROVASCULAR DISORDERS, therapy/ *DISEASE MODELS, ANIMAL/ EPINEPHRINE, pharmacodynamics/ FEMALE/ *HYPERTENSION, chemically induced/ *HYPOTHERMIA, INDUCED/ MALE/ MONKEYS/ NOREPINEPHRINE, pharmacodynamics/ PHENYLEPHRINE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6141. **Michie DD, Bell NH, Wirth FH:** Technique of handling neonatal blood samples for zinc analysis. Am J Med Technol 42(11):424–7, Nov 76
BLOOD SPECIMEN COLLECTION, instrumentation/ *BLOOD SPECIMEN COLLECTION, methods/ HEPARIN/ HUMAN/ *INFANT, NEWBORN/ LATEX RUBBER/ POLYTETRAFLUOROETHYLENE/ *ZINC, blood

6142. **Middleton AW Jr:** A comparison of the morbidity associated with radical retropubic prostatectomy with and without pubectomy. J Urol 117(2):202–5, Feb 77
AGED/ COMPARATIVE STUDY/ HUMAN/ MALE/ MIDDLE AGE/ PAIN, etiology/ PELVIS/ PROSTATECTOMY, adverse effects/ *PROSTATECTOMY, methods/ *PUBIC BONE, surgery/ THROMBOPHLEBITIS, etiology/ URINARY INCONTINENCE, etiology

6143. **Midha KK, Cooper JK:** GLC determination of plasma acenocoumarol levels. J Pharm Sci 66(6):799–802, Jun 77
*ACENOCOUMAROL, blood/ ANIMAL/ CHROMATOGRAPHY, GAS/ DOGS/ HUMAN/ METHODS/ SPECTRUM ANALYSIS, MASS/ TIME FACTORS

6144. **Miękoś E, Leńko J, Kulig A, et al:** Obraz mikroarteriograficzny nerki królika po pośrednim oparzeniu napalmem Pol Przegl Chir 48(10 A):1239–5, OCT 76 (Eng. Abstr.) **(Pol)**
ANIMAL/ ARTERIES, pathology/ *BURNS, CHEMICAL, pathology/ CHEMICAL WARFARE AGENTS/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ FATTY ACIDS/ KIDNEY, blood supply/ *KIDNEY, pathology/ MICROCIRCULATION/ NAPHTHALENES/ RABBITS

6145. **Mielke CH, Rodvien R:** Qualitative platelet abnormality due to absent collagen-induced aggregation [letter]. Thromb Haemostas 36(1):283, 31 Aug 76
*BLOOD PLATELET DISORDERS, diagnosis/ *COLLAGEN, pharmacodynamics/ HUMAN/ *PLATELET AGGREGATION, drug effects

6146. **Mielke CH Jr:** Platelets: the last hundred years. Ser Haematol 8(3):5–22, 1975
ANIMAL/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ DOGS/ GUINEA PIGS/ *HEMATOLOGY, history/ HEMOSTASIS/ HISTORICAL ARTICLE/ HUMAN/ MEGAKARYOCYTES, physiology/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ RATS/ THROMBOSIS, etiology

6147. **Mielke CH Jr:** Platelets: the last hundred years. pp. 5–22. In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975.
ANIMAL/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ EUROPE/ HEMATOLOGY, history/ HEMOSTASIS/ HISTORICAL ARTICLE/ HUMAN/ MEGAKARYOCYTES, ultrastructure/ MONOGRAPH

6148. **Mihail A, Gherasim L, Crángulescu N, et al:** Confruntări anatomo-clinice în miocardiopatii primitive Rev Med Intern [Med Intern] 28(5):343–54, Sep–Oct 76 (Eng. Abstr.) **(Rum)**
ADULT/ ARRHYTHMIA, etiology/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL DISEASES, PRIMARY, complications/ *MYOCARDIAL DISEASES, PRIMARY, diagnosis/ MYOCARDIAL DISEASES, PRIMARY, pathology/ MYOCARDIUM, pathology/ PULMONARY EMBOLISM, etiology

6149. **Mihalcu F, Găleşanu M, Gherghina I:** In vitro lymphocyte response to streptococcal antigens in rheumatic fever cases. Arch Roum Pathol Exp Microbiol 35(1–2):133–42, Jan–Jun 76
ADOLESCENCE/ ANTIBODIES, BACTERIAL, biosynthesis/ *ANTIGENS, BACTERIAL/ CHILD/ CHOREA, immunology/ HUMAN/ *LYMPHOCYTE TRANSFORMATION/ PLANT AGGLUTININS, pharmacodynamics/ PURPURA, immunology/ *RHEUMATIC FEVER, immunology/ *STREPTOCOCCUS, immunology

6150. **Mihalyi E, Weinberg RM, Towne DW, et al:** Proteolytic fragmentation of fibrinogen. I. Comparison of the fragmentation of human and bovine fibrinogen by trypsin or plasmin. Biochemistry 15(24):5372–81, 30 Nov 76
CATTLE/ COMPARATIVE STUDY/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, metabolism/ *TRYPSIN, metabolism

6151. **Mihm MC Jr, Clark WH Jr, Reed RJ:** The clinical diagnosis of malignant melanoma. Semin Oncol 2(2):105–18, Jun 75
CARCINOMA, BASAL CELL, pathology/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FOOT/ HAND/ HEMANGIOMA, pathology/ HEMORRHAGE, pathology/ HUMAN/ KERATOSIS, pathology/ MALE/ *MELANOMA, diagnosis/ MELANOMA, pathology/ NAILS/ NEVUS, PIGMENTED, pathology/ PIGMENTATION DISORDERS, pathology/ PIGMENTATION/ *SKIN NEOPLASMS, diagnosis/ SKIN NEOPLASMS, pathology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR DISEASES, pathology

6152. **Mikhail GR, Kelly AP Jr:** Malignant angioendothelioma of the face. J Dermatol Surg Oncol 3(2):181–3, Mar–Apr 77
AGED/ CASE REPORT/ FACIAL NEOPLASMS, pathology/ FACIAL NEOPLASMS, surgery/ HEMANGIOENDOTHELIOMA, pathology/ *HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ *SKIN NEOPLASMS, surgery/ SKIN NEOPLASMS, pathology/ SKIN, transplantation/ *SURGERY, PLASTIC

6153. **Mikhaĭlenko ET, Pavlovskiĭ DP:** Profilaktyka tromboziv i emboliĭ v akushers'ko-hinekolohichniĭ klinitsi; ohliad literatury Pediatr Akush Ginekol (4):33–6, Jul–Aug 76 **(Ukr)**
ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ BLOOD PLATELETS, drug effects/ COUMARINS, therapeutic use/ DEXTRAN, therapeutic use/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INDANS, therapeutic use/ *LABOR COMPLICATIONS, prevention &

control/ NICOTINIC ACIDS, therapeutic use/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, prevention & control/ PREGNANCY/ PUERPERAL DISORDERS, prevention & control/ PYRIMIDINES, therapeutic use/ *THROMBOEMBOLISM, prevention & control

6154. **Mikhaĭlenko ET, Pavlovskĭ DP:** [Hemostatic disorders in obstetrics and their correction] Pediatr Akush Ginekol (2):33–8, Mar–Apr 77 **(Ukr)**
BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION DISORDERS, therapy/ BLOOD TRANSFUSION/ DELIVERY/ DRUG THERAPY, COMBINATION/ FEMALE/ FIBRINOGEN, therapeutic use/ FIBRINOLYSIS/ *HEMOSTASIS/ HEMOSTATIC TECHNICS/ HEPARIN, therapeutic use/ HUMAN/ *LABOR COMPLICATIONS, therapy/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ PREGNANCY/ PUERPERAL DISORDERS, etiology/ PUERPERAL DISORDERS, therapy/ THROMBOPLASTIN, physiology/ UTERINE HEMORRHAGE, etiology/ UTERINE HEMORRHAGE, therapy

6155. **Mikhailov P, Berova N, Andreev VC:** Physical urticaria and sport. Cutis 20(3):381–4, 389–90, Sep 77
ACETYLCHOLINE, diagnostic use/ ADOLESCENCE/ ADULT/ COLD, adverse effects/ FEMALE/ HEAT, adverse effects/ HISTAMINE, diagnostic use/ HUMAN/ MALE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PRESSURE, adverse effects/ SKIN TESTS/ *SPORT MEDICINE/ SUNLIGHT/ URTICARIA, diagnosis/ URTICARIA, drug therapy/ *URTICARIA, etiology

6156. **Mikulás J, Corňák V, Bohunický F:** Nádorové embólie pulmonálnej artérie Rozhl Chir 56(1):16–21, Jan 77 (Eng. Abstr.) **(Slo)**
ADOLESCENCE/ ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOPERICYTOMA, complications/ *HEMANGIOPERICYTOMA, surgery/ HUMAN/ MALE/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, surgery/ RETROPERITONEAL NEOPLASMS, complications/ *RETROPERITONEAL NEOPLASMS, surgery

6157. **Mikuliček I, Mikulástik J, Pur J:** Angiomyolipom ledviny Rozhl Chir 55(9):623–4, Sep 76 (Eng. Abstr.) **(Cze)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, surgery/ HUMAN/ *KIDNEY NEOPLASMS, surgery/ *LIPOMA, surgery/ METHODS

6158. **Mil'gram BR, Ievleva VG, Minin AN:** Tonzillektomiia u bol'nogo s porokami serdtsa, nedostatochnost'iu krovoobrashcheniia, tserebral'nym vaskulitom, oslozhnennaia massivnym krovoizliianiem v mozg s proryvom v zheludochki Zh Ushn Nos Gorl Bolezn (2):111–2, Mar–Apr 77 **(Rus)**
ADULT/ *ARTERITIS, complications/ BLOOD CIRCULATION/ CASE REPORT/ *CEREBRAL ARTERIES/ *CEREBRAL HEMORRHAGE, complications/ *HEART DEFECTS, CONGENITAL, complications/ *HEART DISEASES, complications/ HUMAN/ MALE/ THROMBOEMBOLISM, etiology/ *TONSILLECTOMY

6159. **Milgram JW, Riley LH Jr:** Steroid induced avascular necrosis of bones in eighteen sites: a case report. Bull Hosp Joint Dis 37(1):11–23, Apr 76
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *OSTEONECROSIS, chemically induced/ OSTEONECROSIS, radiography/ *PREDNISONE, adverse effects/ PREDNISONE, therapeutic use/ THROMBOPENIA, drug therapy

6160. **Milic S, Wicki O:** Bauchtrauma und Sepsis Helv Chir Acta 43(5–6):707–8, Dec 76 **(Ger)**
*ABDOMINAL INJURIES, complications/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ METHYLPREDNISOLONE, administration & dosage/ SEPTICEMIA, etiology/ *SEPTICEMIA, prevention & control/ SHOCK, HEMORRHAGIC, prevention & control

6161. **Millar RP, Aehnelt C, Rossier G:** Higher molecular weight immunoreactive species of luteinizing hormone releasing hormone: possible precursors of the hormone. Biochem Biophys Res Commun 74(2):720–31, 24 Jan 77
ANIMAL/ DOSE-RESPONSE RELATIONSHIP, IMMUNOLOGIC/ HYPOTHALAMUS, analysis/ IMMUNOASSAY/ *LH-FSH RELEASING HORMONE/ LH-FSH RELEASING HORMONE, immunology/ LH-FSH RELEASING HORMONE, isolation & purification/ MEDIAN EMINENCE, analysis/ MOLECULAR WEIGHT/ ORGAN SPECIFICITY/ PEPTIDE FRAGMENTS, analysis/ RATS/ SHEEP/ SPECIES SPECIFICITY/ TRYPSIN

6162. **Miller CE, Thompson S, Lozar J:** A theoretical evaluation of cardiac output as a function of mean arterial pressure in the human cardiovascular system. J Theor Biol 63(1):89–98, Nov 76
BLOOD FLOW VELOCITY/ *BLOOD PRESSURE/ BLOOD VISCOSITY/ *CARDIAC OUTPUT/ COMPARATIVE STUDY/ ENERGY TRANSFER/ HUMAN/ *MODELS, BIOLOGICAL

6163. **Miller CG, Zipser D:** Degradation of Escherichia coli beta-galactosidase fragments in protease-deficient mutants of Salmonella typhimurium. J Bacteriol 130(1):347–53, Apr 77
*ESCHERICHIA COLI, enzymology/ *GALACTOSIDASES, metabolism/ *GENES/ KINETICS/ MUTATION/ *PEPTIDE FRAGMENTS, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *SALMONELLA TYPHIMURIUM, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6164. **Miller GA, Hall RJ, Paneth M:** Pulmonary embolectomy, heparin, and streptokinase: their place in the treatment of acute massive pulmonary embolism. Am Heart J 93(5):568–74, May 77
ADULT/ AGED/ FEMALE/ HEART ARREST, etiology/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, surgery/ *PULMONARY EMBOLISM, therapy/ SHOCK, SURGICAL, etiology/ *STREPTOKINASE, therapeutic use

6165. **Miller GA:** The management of acute pulmonary embolism. Br J Hosp Med 18(1):26–31, Jul 77
ACUTE DISEASE/ ANTICOAGULANTS, therapeutic use/ CHRONIC DISEASE/ EXTRACORPOREAL CIRCULATION/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, surgery/ *PULMONARY EMBOLISM, therapy/ RECURRENCE/ RESUSCITATION/ STREPTOKINASE, therapeutic use

6166. **Miller JB:** Chronic myelocytic leukemia and the myeloproliferative diseases during the child-bearing years. J Reprod Med 17(4):217–24, Oct 76
AGED/ BUSULFAN, therapeutic use/ CHILD/ FEMALE/ HUMAN/ LEUKEMIA, MYELOCYTIC, diagnosis/ LEUKEMIA, MYELOCYTIC, radiotherapy/ *LEUKEMIA, MYELOCYTIC, therapy/ MALE/ MIDDLE AGE/ *MYELOPROLIFERATIVE DISORDERS, therapy/ POLYCYTHEMIA VERA, therapy/ POLYCYTHEMIA, diagnosis/ PREDNISONE, therapeutic use/ *PREGNANCY COMPLICATIONS/ PREGNANCY/ PROGNOSIS/ THROMBOCYTOSIS, etiology/ VINCRISTINE, therapeutic use

6167. **Miller JD, Grace MG, Russell DB, et al:** Complications of cerebral angiography and pneumography. Radiology 124(3):741–4, Sep 77
ADOLESCENCE/ ADULT/ AGED/ BRACHIAL ARTERY/ BRAIN INJURIES, ACUTE/ BRONCHIAL SPASM, etiology/ CAROTID ARTERIES/ *CEREBRAL ANGIOGRAPHY, adverse effects/ CHILD/ CHILD, PRESCHOOL/ CONTRAST MEDIA, administration & dosage/ FEMALE/ HUMAN/ HYPERSENSITIVITY, etiology/ INFANT/ INFANT, NEWBORN/ INJECTIONS, INTRA-ARTERIAL/ MALE/

MEGLUMINE IOTHALAMATE, administration & dosage/ MIDDLE AGE/ *PNEUMOENCEPHALOGRAPHY, adverse effects/ RESPIRATION DISORDERS, etiology/ THROMBOSIS, etiology

6168. **Miller JH, Gates GF, Stanley P:** The radiological investigation of hepatic tumors in childhood. Radiology 124(2):451–8, Aug 77
ADENOMA, radiography/ ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ GLUCOSEPHOSPHATASE DEFICIENCY, complications/ GLUCOSEPHOSPHATASE DEFICIENCY, radiography/ HEMANGIOENDOTHELIOMA, radiography/ HEMANGIOMA, CAVERNOUS, radiography/ HEMATOMA, congenital/ HEMATOMA, radiography/ HEPATOMA, radiography/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIVER ABSCESS, radiography/ LIVER DISEASES, congenital/ LIVER DISEASES, radiography/ LIVER NEOPLASMS, congenital/ LIVER NEOPLASMS, etiology/ *LIVER NEOPLASMS, radiography/ NEPHROBLASTOMA, radiography/ NEUROBLASTOMA, congenital/ NEUROBLASTOMA, radiography/ SARCOMA, radiography

6169. **Miller KD, Hetrick DL, Bielefeldt DJ:** Production and properties of Staphylococcus aureus (strain Newman D2C) with uniform clumping factor activity. Thromb Res 10(2):203–11, Feb 77
ACETONE/ ALCOHOL, ETHYL/ BACTERIOLOGICAL TECHNICS/ CELL DIVISION/ CONGO RED/ CULTURE MEDIA/ FERMENTATION/ *FIBRINOGEN, metabolism/ *STAPHYLOCOCCUS AUREUS, isolation & purification

6170. **Miller LH, Haynes JD, McAuliffe FM, et al:** Evidence for differences in erythrocyte surface receptors for the malarial parasites, Plasmodium falciparum and Plasmodium knowlesi. J Exp Med 146(1):277–81, 1 Jul 77
CHYMOTRYPSIN/ DUFFY BLOOD-GROUP SYSTEM/ ERYTHROCYTE MEMBRANE, parasitology/ *ERYTHROCYTES, parasitology/ HUMAN/ NEURAMINIDASE/ PLASMODIUM FALCIPARUM/ *PLASMODIUM/ TRYPSIN

6171. **Miller LL:** Direct effects of glucagon on protein and amino acid metabolism in the isolated perfused rat liver. Interactions with insulin and dexamethasone in net synthesis of albumin and acute-phase proteins. Diabetes 25(2 SUPPL):865–71, 1976
ALPHA MACROGLOBULINS, biosynthesis/ ANIMAL/ *DEXAMETHASONE, pharmacodynamics/ DOGS/ DRUG SYNERGISM/ FIBRINOGEN, biosynthesis/ *GLUCAGON, pharmacodynamics/ HAPTOGLOBINS, biosynthesis/ *INSULIN, pharmacodynamics/ LIVER GLYCOGEN, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ OROSOMUCOID, biosynthesis/ *PROTEINS, biosynthesis/ RATS/ SERUM ALBUMIN, biosynthesis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREA, biosynthesis

6172. **Miller OV, Johnson RA, Gorman RR:** Inhibition of PGE1-stimulated cAMP accumulation in human platelets by thromboxane a2. Prostaglandins 13(4):599–609, Apr 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ *BLOOD PLATELETS, metabolism/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ HUMAN/ *HYDROXY ACIDS, pharmacodynamics/ MICROSOMES, metabolism/ PEROXIDES, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS E, antagonists & inhibitors/ PROSTAGLANDINS E, pharmacodynamics/ *PYRANS, pharmacodynamics

6173. **Miller R, Engel MB, Catchpole HR:** Hydroxyproline-containing protein adsorbed on to cellular elements of whole human blood. Nature 267(5608):272–4, 19 May 77
ADSORPTION/ ADULT/ AGED/ *BLOOD CELLS, analysis/ BLOOD CELLS, metabolism/ BLOOD COAGULATION/ *COLLAGEN, blood/ COLLAGEN, metabolism/ COMPLEMENT 1, analysis/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ *HYDROXYPROLINE, blood/ MALE/ MIDDLE AGE/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6174. **Miller RH, Mazur P:** Survival of frozen-thawed human red cells as a function of cooling and warming velocities. Cryobiology 13(4):404–14, Aug 76
ANIMAL/ *BLOOD PRESERVATION/ *CELL SURVIVAL/ *ERYTHROCYTE AGING/ *ERYTHROCYTES, physiology/ FREEZING/ HUMAN/ MICE/ *TEMPERATURE/ TIME FACTORS

6175. **Miller RJ, Chang KJ, Cuatrecasas P:** The metabolic stability of the enkephalins. Biochem Biophys Res Commun 74(4):1311–7, 21 Feb 77
ANIMAL/ BACITRACIN, pharmacodynamics/ BINDING, COMPETITIVE/ BRAIN, metabolism/ DRUG STABILITY/ KINETICS/ LEUCINE/ METHIONINE/ NALOXONE, metabolism/ *OLIGOPEPTIDES, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ RECEPTORS, NARCOTIC, drug effects/ RECEPTORS, NARCOTIC, metabolism

6176. **Miller SH, Smith RL, Shochat SJ:** Compression treatment of hemangiomas. Plast Reconstr Surg 58(5):573–9, Nov 76
ADOLESCENCE/ ADULT/ BANDAGES/ CASE REPORT/ CHILD, PRESCHOOL/ ELASTICITY/ FEMALE/ *HEMANGIOMA, therapy/ HUMAN/ PRESSURE

6177. **Miller WA, Everett MM, Freedman JT, et al:** Enzyme separation techniques for the study of growth of cells from layers of bovine dental pulp. In Vitro 12(8):580–8, Aug 76
BROMELAINS/ CATTLE/ *CELL SEPARATION, methods/ CELLS, CULTURED/ COMPARATIVE STUDY/ *DENTAL PULP, cytology/ FICIN/ PAPAIN/ *PEPTIDE PEPTIDOHYDROLASES/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6178. **Milleret P, Combe J, Courvoisier JN, et al:** Fistula biliaire externe spontanée et thrombose portale au cours de l'évolution d'une échinococcose alvéolaire du foie Chirurgie 102(3):177–85, Feb 76 (Eng. Abstr.) **(Fre)**
*BILIARY FISTULA, etiology/ CASE REPORT/ *ECHINOCOCCOSIS, HEPATIC, complications/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MIDDLE AGE/ *PORTAL VEIN/ *THROMBOPHLEBITIS, etiology

6179. **Millet J:** Characterization of a protein inhibitor of intracellular protease from Bacillus subtilis. FEBS Lett 74(1):59–61, 15 Feb 77
*BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, physiology/ BACTERIAL PROTEINS, isolation & purification/ *BACTERIAL PROTEINS, physiology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ SPORES, BACTERIAL, physiology

6180. **Mills GL:** Effect of storage on plasma-lipoproteins [letter] Lancet 2(8029):133–4, 16 Jul 77
*BLOOD PRESERVATION/ HUMAN/ *LIPOPROTEINS, HDL, blood

6181. **Mills IH, Obika LF:** The effect of adrenergic and dopamine-receptor blockade on the kallikrein and renal response to intra-arterial infusion of dopamine in dogs [proceedings]. J Physiol (Lond) 263(1):150P–151P, Dec 76
ADRENERGIC ALPHA RECEPTOR BLOCKADERS, pharmacodynamics/ ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ANIMAL/ DOGS/ *DOPAMINE, pharmacodynamics/ *KALLIKREIN, urine/ *NATRIURESIS, drug effects

6182. **Mills IH, Obika LF:** A novel effect of intrarenal infusion of a non-vasoconstrictor dose of noradrenaline on renal function: relationship to renal kallikrein and prostaglandin

[proceedings]. J Physiol (Lond) 267(1):21P–22P, May 77
ANIMAL/ DOGS/ *KALLIKREIN, urine/ *KIDNEY, drug effects/ *NOREPINEPHRINE, pharmacodynamics/ OSMOLAR CONCENTRATION/ *PROSTAGLANDINS E, biosynthesis

6183. **Mills IH, Obika LF:** Urinary kallikrein excretion during bradykinin and eledoisin infusions and its relationship to urinary osmolality [proceedings] J Physiol (Lond) 269(1):72P–73P, Jul 77
ANIMAL/ *BRADYKININ, pharmacodynamics/ DOGS/ *ELEDOISIN, pharmacodynamics/ *KALLIKREIN, urine/ OSMOLAR CONCENTRATION/ URINE, drug effects

6184. **Milman G, Krauss SW, Olsen AS:** Tryptic peptide analysis of normal and mutant forms of hypoxanthine phosphoribosyltransferase from HeLa cells. Proc Natl Acad Sci USA 74(3):926–30, Mar 77
HELA CELLS/ *HYPOXANTHINE PHOSPHORIBOSYLTRANSFERASE, analysis/ HYPOXANTHINE PHOSPHORIBOSYLTRANSFERASE, isolation & purification/ *MUTATION/ PEPTIDES, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6185. **Milner GR, Testa NG, Geary CG, et al:** Bone marrow culture studies in refractory cytopenia and 'smouldering leukaemia'. Br J Haematol 35(2):251–61, Feb 77
BLOOD PLATELETS/ *BONE MARROW CELLS/ CELLS, CULTURED/ HUMAN/ *LEUKEMIA, MONOCYTIC, pathology/ LEUKOCYTES/ MONOCYTES/ NEUTROPHILS/ *PANCYTOPENIA, pathology/ *PRELEUKEMIA, pathology

6186. **Milutinovich J, Follette WC, Scribner BH:** Spontaneous retroperitoneal bleeding in patients on chronic hemodialysis. Ann Intern Med 86(2):189–92, Feb 77
ABDOMEN/ ADULT/ CASE REPORT/ FEMALE/ *HEMODIALYSIS, HOME, adverse effects/ HEMORRHAGE, diagnosis/ *HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ PAIN/ *RETROPERITONEAL SPACE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, adverse effects

6187. **Mims JA, Sarji KE, Kleinfelder JS, et al:** Heparin-induced platelet aggregation in burn patients. Thromb Res 10(2):291–9, Feb 77
ADENOSINE DIPHOSPHATE, metabolism/ ANIMAL/ BLOOD PLATELETS, metabolism/ *BURNS, metabolism/ CATTLE/ *HEPARIN, pharmacodynamics/ HUMAN/ *PLATELET AGGREGATION, drug effects

6188. **Mimunkov K, Tsekov M, Delibasheva A:** Izmenenie pokazateleĭ koagulogrammy u bol'nykh infarktom miokarda s soputstvuishchim diabetom i bez diabeta pri lechenii antikoaguliantami Vrach Delo (1):62–5, Jan 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION/ *DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, complications

6189. **Minaire Y, Descos L:** Comparison of caerulein and cholecystokinin effects upon enzyme concentrations in duodenal aspirates. Digestion 15(1):86–9, 1977
BICARBONATES, secretion/ *CAERULEIN, pharmacodynamics/ *CHOLECYSTOKININ, pharmacodynamics/ CHRONIC DISEASE/ *CHYMOTRYPSIN, secretion/ COMPARATIVE STUDY/ DUODENUM/ HUMAN/ *LIPASE, secretion/ *PANCREAS, secretion/ PANCREATITIS, enzymology

6190. **Minard P, Murrell KD, Stirewalt MA:** Proteolytic, antigenic and immunogenic properties of Schistosoma mansoni cercarial secretion material. Am J Trop Med Hyg 26(3):491–9, May 77
ANIMAL/ ANTIBODY FORMATION/ *ANTIGENS/ ANTIGENS, analysis/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FREEZE DRYING/ IMMUNIZATION/ ISOELECTRIC FOCUSING/ MICE/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PROTEINS, analysis/ SCHISTOSOMA MANSONI, enzymology/ *SCHISTOSOMA MANSONI, immunology/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6191. **Minger AM:** Comparative studies on coagulation activities in normal plasmas and their mixtures. Eur J Pediatr 123(3):215–24, 1 Oct 76
*BLOOD COAGULATION FACTORS, analysis/ DRUG INTERACTIONS/ FACTOR V, analysis/ FACTOR VIII, analysis/ FACTOR VII, analysis/ FACTOR X, analysis/ HUMAN/ PROTHROMBIN, analysis

6192. **Mingers AM:** Zur Aktivierbarkeit sog. Mangelfaktoren hereditärer Koagulopathien Fortschr Med 94(30):1723–5, 21 Oct 76 (Eng. Abstr.) **(Ger)**
*BLOOD COAGULATION DISORDERS, familial & genetic/ *CHRISTMAS DISEASE, blood/ ENGLISH ABSTRACT/ FACTOR IX, metabolism/ FACTOR VII, metabolism/ *HEMOPHILIA, blood/ HUMAN/ PROTHROMBIN, metabolism/ *VON WILLEBRAND'S DISEASE, blood

6193. **Mingers AM:** Studies on factor VIII activation potential in hemophilia A-plasma and its significance for the comprehension of hemophilia. Eur J Pediatr 123(3):187–98, 1 Oct 76
BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *FACTOR VIII/ *HEMOPHILIA, blood/ HUMAN/ VON WILLEBRAND'S DISEASE, blood

6194. **Mingers AM:** In vitro studies on the way in which the activation of factor VIII is affected in mixtures of plasma with hemophilia A plasma. Eur J Pediatr 123(3):199–213, 1 Oct 76
BLOOD COAGULATION FACTORS/ *FACTOR VIII/ HEAT/ *HEMOPHILIA, blood/ HUMAN/ METHODS/ TEMPERATURE

6195. **Mingers AM:** Investigaciones sobre las actividades potenciales de coagulación de los llamados factores carenciales en las coagulopatías hereditarias Folia Clin Int (Barc) 26(5):237–52, May 76 **(Spa)**
BLOOD COAGULATION TESTS/ FACTOR VIII, analysis/ *HEMOPHILIA, diagnosis/ HUMAN/ MATHEMATICS/ VON WILLEBRAND FACTOR, analysis/ *VON WILLEBRAND'S DISEASE, diagnosis

6196. **Minick CR:** Immunologic arterial injury in atherogenesis. Ann NY Acad Sci 275:210–27, 1976
ANIMAL/ ANTIGENS/ AORTA, physiopathology/ *ARTERIES, physiopathology/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, immunology/ ATHEROSCLEROSIS, physiopathology/ BLOOD PLATELETS, pathology/ CHOLESTEROL, DIETARY/ CORONARY VESSELS, physiopathology/ ENDOTHELIUM, physiopathology/ GRAFT REJECTION/ HYPERCHOLESTEREMIA, complications/ LEUKOCYTES, pathology/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6197. **Minin AN, Burko FS, Mil'gram BR, et al:** Izuchenie vliianiia ftorotan-zakisno-kislorodnogo narkoza na svertyvaiushchuiu i antisvertyvaiushchuiu sistemy krovi pri tonzillektomii Zh Ushn Nos Gorl Bolezn (6):25–38, 1976 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ ANESTHESIA/ *BLOOD COAGULATION, drug effects/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ *FLUORINE, pharmacodynamics/ HUMAN/ MALE/ MIDDLE AGE/ *OXIDES, pharmacodynamics/ *TONSILLECTOMY

6198. **Minkes M, Stanford N, Chi MM, et al:** Cyclic adenosine 3',5'-monophosphate inhibits the availability of arachidonate to prostaglandin synthetase in human platelet suspensions. J Clin Invest 59(3):449–54, Mar 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ARACHIDONIC ACIDS, metabolism/

ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ HUMAN/ *HYDROXYLASES, metabolism/ IN VITRO/ MALONDIALDEHYDE, metabolism/ PLATELET AGGREGATION, drug effects/ *PROSTAGLANDIN SYNTHASE, metabolism/ PROSTAGLANDINS E, pharmacodynamics/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6199. **Minsker DH, Kling PJ:** Bleeding time in rats is prolonged by aspirin. Thromb Res 10(4):619–22, Apr 77
ANIMAL/ *ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ MALE/ RATS/ TIME FACTORS

6200. **Minta JO, Man D, Movat HZ:** Kinetic studies on the fragmentation of the third component of complement (C3) by trypsin. J Immunol 118(6):2192–8, Jun 77
CITRATES, metabolism/ COMPLEMENT 3, analysis/ *COMPLEMENT 3, metabolism/ *COMPLEMENT, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ IMMUNOELECTROPHORESIS/ KINETICS/ TIME FACTORS/ *TRYPSIN, pharmacodynamics

6201. **Mintz U, Sachs L:** Surface membrane changes in lymphocytes from patients with infectious mononucleosis. Int J Cancer 19(3):345–50, 15 Mar 77
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ B-LYMPHOCYTES, drug effects/ *B-LYMPHOCYTES, immunology/ CELL AGGREGATION, drug effects/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, immunology/ CHILD/ CHILD, PRESCHOOL/ CONCANAVALIN A, pharmacodynamics/ FEMALE/ HUMAN/ *INFECTIOUS MONONUCLEOSIS, immunology/ LYMPHOCYTE TRANSFORMATION, drug effects/ MALE/ MIDDLE AGE/ REMISSION/ T-LYMPHOCYTES, drug effects/ *T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics/ VINBLASTINE, pharmacodynamics

6202. **Miragliotta G, Remuzzi G, Minetti B, et al:** ADP, ristocetin, bovine factor VII and thrombasthenic platelets [letter]. Thromb Haemostas 36(1):286–8, 31 Aug 76
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADOLESCENCE/ *FACTOR VIII, pharmacodynamics/ FEMALE/ HUMAN/ PLATELET AGGREGATION, drug effects/ *PURPURA, THROMBOPENIC, blood/ *RISTOCETIN, pharmacodynamics/ SYNDROME

6203. **Miranda AA, Pizzuto J:** Inmunodepresión en púrpura trombocitopénica idiopática crónica Sangre (Barc) 22(2):141–7, 1977 (Eng. Abstr.) **(Spa)**
ADULT/ *AZATHIOPRINE, therapeutic use/ CHRONIC DISEASE/ *CYCLOPHOSPHAMIDE, therapeutic use/ DRUG EVALUATION/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, drug therapy

6204. **Mirčevska D, Mirčevski M:** Racemozni pseudotumorozni angiomi na epicraniumot, manifestirani kako dizrafični oteklini na glavata God Zb Med Fak Skopje 22:439–13, 1976 (Eng. Abstr.) **(Scc)**
ADULT/ ARTERIOVENOUS MALFORMATIONS, diagnosis/ CASE REPORT/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *HEAD AND NECK NEOPLASMS, diagnosis/ *HEMANGIOMA, diagnosis/ HUMAN/ INFANT/ MALE/ *STATUS DYSRAPHICUS, diagnosis

6205. **Miripol JE, Stern IJ:** Decreased accumulation of phthalate plasticizer during storage of blood as packed cells. Transfusion 17(1):71–3, Jan–Feb 77
*ADENINE, pharmacodynamics/ *BLOOD PRESERVATION, methods/ *DIETHYLHEXYL PHTHALATE, blood/ HUMAN/ *PHTHALIC ACIDS, blood/ POLYVINYL CHLORIDE/ TIME FACTORS

6206. **Mirrakhimov MM, Prizhivoĭt GN, Rachkov AG:** Issledovanie svertyvaiushcheĭ sistemy krovi u bol'nykh anemieĭ pri vdykhanii kisloroda Probl Gematol Pereliv Krovi 21(10):28–30, OCT 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ ANEMIA, APLASTIC, blood/ *ANEMIA, APLASTIC, therapy/ ANEMIA, HYPOCHROMIC, blood/ *ANEMIA, HYPOCHROMIC, therapy/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ OXYGEN INHALATION THERAPY

6207. **Mirzabekov AD, San'ko DF, Kolchinsky AM, et al:** Protein arrangement in the DNA grooves in chromatin and nucleoprotamine in vitro and in vivo revealed by methylation. Eur J Biochem 75(2):379–89, 16 May 77
ANIMAL/ CARCINOMA, EHRLICH TUMOR/ CATTLE/ CHEMISTRY/ *CHROMATIN, ultrastructure/ *DEOXYRIBONUCLEOPROTEINS/ DEOXYRIBONUCLEOPROTEINS, analysis/ *DNA/ DNA, analysis/ FISHES/ KINETICS/ MALE/ METHYLATION/ MICE/ NUCLEIC ACID CONFORMATION/ *NUCLEOPROTEINS/ NUCLEOPROTEINS, analysis/ *PROTAMINES/ PROTAMINES, analysis/ PROTEIN CONFORMATION/ THYMUS GLAND

6208. **Mirzoian SN:** O svertyvaemosti krovi i rezistentnosti kapilliarov u bol'nykh revmaticheskimi porokami serdtsa Klin Med (Mosk) 54(4):85–90, Apr 76 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ *CAPILLARY RESISTANCE/ ENGLISH ABSTRACT/ HUMAN/ RHEUMATIC HEART DISEASE, blood/ *RHEUMATIC HEART DISEASE, physiopathology

6209. **Mishchenko VP, Kuznik BI:** Rol' kholino- i adrenoretseptorov v reguliatsii svertyvaniia krovi i fibrinoliza pri in'ektsii trombina Fiziol Zh SSSR 62(11):1614–21, Nov 76 **(Rus)**
ANIMAL/ ATROPINE, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/ DOGS/ FEMALE/ FIBRINOLYSIS, drug effects/ MALE/ *PARASYMPATHETIC NERVOUS SYSTEM, physiology/ PHENTOLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ *SYMPATHETIC NERVOUS SYSTEM, physiology/ *THROMBIN, pharmacodynamics

6210. **Mishchenko VP, Goncharenko LL:** Do mekhanizmu vydilennia faktoriv zsidannia krovi z erytrotsytiv pid vplyvom adrenalinu Fiziol Zh 23(2):253–5, 1977 **(Ukr)**
ANIMAL/ *BLOOD COAGULATION FACTORS, analysis/ DOGS/ *EPINEPHRINE, pharmacodynamics/ *ERYTHROCYTES, analysis/ ERYTHROCYTES, drug effects

6211. **Mishchenko VP, Mishchenko VI:** Mekhanizm izmeneniĭ svertyvaniia krovi i fibrinoliza pod vliianiem postoiannogo élektricheskogo toka. Biofizika 22(3):489–92, May–Jun 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION/ CALCIUM, blood/ DOGS/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL ARTERY/ FEMORAL NERVE/ FEMORAL VEIN/ FIBRINOLYSIS/ MALE/ MUSCLES/ THROMBIN, biosynthesis/ THROMBOPLASTIN, metabolism/ TIME FACTORS/ TISSUE EXTRACTS, pharmacodynamics

6212. **Mishler JM, Janes AW, Lowes B, et al:** Utilization of a new strength citrate anticoagulant during centrifugal plateletpheresis. I. Assessment of donor effects. Br J Haematol 34(3):387–94, Nov 76
*ANTICOAGULANTS/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD DONORS/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION/ CALCIUM, blood/ CATIONS, DIVALENT/ CENTRIFUGATION/ *CITRATES, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ PLATELET AGGREGATION, drug effects

6213. **Mishler JM, Borberg H, Reuter H, et al:** The utilization of a new strength citrate anticoagulant during centrifugal plateletpheresis. II. Assessment of in vitro platelet function. Blut 34(3):237–41, Mar 77

*ANTICOAGULANTS/ *BLOOD PLATELETS, physiology/ CELL SEPARATION/ CENTRIFUGATION/ CITRATES/ EXTRACORPOREAL CIRCULATION/ FEMALE/ HUMAN/ IN VITRO/ MALE/ *PLASMAPHERESIS, methods/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION

6214. **Mishler JM 4th, Darley JH, Cederholm-Williams S:** Whole blood stored in half-strength trisodium citrate [letter]. Lancet 1(8003):152, 15 Jan 77
ANTICOAGULANTS, pharmacodynamics/ *BLOOD PRESERVATION, methods/ *CITRATES, pharmacodynamics/ COMPARATIVE STUDY/ DRUG EVALUATION/ GLUCOSE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ SOLUTIONS

6215. **Misra RC, Misra D:** Von Willebrand's disease with haemarthrosis (a case report). J Assoc Physicians India 24(6):391–3, Jun 76
*ANKLE JOINT/ CASE REPORT/ CHILD/ *HEMARTHROSIS, etiology/ HUMAN/ MALE/ *VON WILLEBRAND'S DISEASE, complications

6216. **Misslin R, Hinschberger A, Ropartz P, et al:** Effet d'un inhibiteur irréversible (RMI 71645) de'l acide gamma-aminobutyrique (GABA) transaminase sur les activités spontanée et conditionée de la Souris C R Acad Sci [D] (Paris) 283(10):1221–4, 27 Oct 76 (Eng. Abstr.) **(Fre)**
*AMINOBUTYRATE AMINOTRANSFERASE, antagonists & inhibitors/ *AMINOCAPROIC ACIDS, pharmacodynamics/ *AMINOTRANSFERASES, antagonists & inhibitors/ ANIMAL/ *AVOIDANCE LEARNING, drug effects/ *BEHAVIOR, ANIMAL, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ ENZYME INHIBITORS, pharmacodynamics/ EXPLORATORY BEHAVIOR, drug effects/ MALE/ MICE/ MOTOR ACTIVITY, drug effects

6217. **Mitani M, Umetsu T, Yamanishi T:** Studies on the ionophorous antibiotics. VIII. Effects of monovalent and divalent cation ionophores on blood platelets. J Antibiot (Tokyo) 30(3):239–43, Mar 77
ANIMAL/ *ANTIBIOTICS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CALCIUM, blood/ CATIONS, DIVALENT/ CATIONS, MONOVALENT/ ETHERS, pharmacodynamics/ IN VITRO/ *IONOPHORES, pharmacodynamics/ MALE/ RABBITS/ SEROTONIN, blood/ TIME FACTORS

6218. **Mitchell HL, Parrish DB, Cormey M, et al:** Effect of corn trypsin inhibitor on growth of rats. J Agric Food Chem 24(6):1254–5, Nov-Dec 76
ANIMAL/ *CORN/ *GROWTH, drug effects/ MALE/ PANCREAS, drug effects/ PROTEINS, metabolism/ RATS/ SPECIES SPECIFICITY/ *TRYPSIN INHIBITORS, pharmacodynamics

6219. **Mitchell JF, Maas LC, Barger RC, et al:** Successful oral anticoagulant therapy in a patient with short bowel syndrome. Am J Hosp Pharm 34(2):171–2, Feb 77
ADULT/ CASE REPORT/ EMBOLISM, complications/ *EMBOLISM, prevention & control/ HUMAN/ INTESTINAL DISEASES, complications/ INTESTINAL DISEASES, drug therapy/ *INTESTINES, surgery/ MALE/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ TIME FACTORS/ *WARFARIN, therapeutic use

6220. **Mitchell TR:** Diseases of the urinary system. Treatment of blood disorders in renal disease and renal failure. Br Med J 2(6080):174–7, 16 Jul 77
*ANEMIA, etiology/ ANEMIA, therapy/ BLOOD COAGULATION DISORDERS, therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FIBRIN/ HEMODIALYSIS, adverse effects/ HEMOSTASIS/ HUMAN/ *KIDNEY DISEASES, complications/ KIDNEY FAILURE, ACUTE, complications/ KIDNEY FAILURE, CHRONIC, complications/ PERITONEAL DIALYSIS, adverse effects/ POLYCYTHEMIA, therapy

6221. **Miterev IuG, Kudartseva IV, Solov'eva TI, et al:** Klinicheskie i patomorfologicheskie osobennosti grippa v 1974–1975 gg. Klin Med (Mosk) 55(5):80–6, May 77 (Eng. Abstr.) **(Rus)**
ADULT/ BLOOD COAGULATION/ BLOOD PLATELETS/ CASE REPORT/ ENGLISH ABSTRACT/ ERYTHROCYTES/ FEMALE/ HEART, physiopathology/ HUMAN/ *INFLUENZA/ INFLUENZA, blood/ INFLUENZA, physiopathology/ KIDNEY, physiopathology/ LIVER, physiopathology

6222. **Mitropol'skiĭ AN, Porokhnia NP:** O vzaimosviazi mezhdu vneshnesekretornoĭ funktsieĭ podzheludochnoĭ zhelezy i kolichestvom trombotsitov v perifericheskoĭ krovi Ter Arkh 49(2):88–91, 1977 **(Rus)**
ANEMIA, APLASTIC, complications/ *ANEMIA, APLASTIC, physiopathology/ HUMAN/ LIVER CIRRHOSIS, complications/ *LIVER CIRRHOSIS, physiopathology/ *PANCREAS, secretion/ PANCREATITIS, complications/ *PANCREATITIS, physiopathology/ PURPURA, THROMBOPENIC, complications/ *PURPURA, THROMBOPENIC, physiopathology/ *THROMBOPENIA, etiology

6223. **Mitsenko MD:** Osobennosti izmeneniĭ gumoral'nykh pokazateleĭ obmena mukopolisakharidov i pokazateleĭ gemokoaguliatsii u rabochikh goriachikh tsekhov i prakticheskoe znachenie vyiavleniia etikh izmeneniĭ Ter Arkh 48(6):91–6, 1976 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD COAGULATION/ CARDIOVASCULAR DISEASES, etiology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *METALLURGY/ MIDDLE AGE/ *MUCOPOLYSACCHARIDES, metabolism/ OCCUPATIONAL DISEASES, etiology

6224. **Mitsenko MD, Mikhaĭliuk IA, Kukhtevich II:** Osobennosti narusheniĭ pokazateleĭ lipoproteinovogo obmena pri tserebral'nom ateroskleroze, ikh znachenie dlia diagnostiki i vrachebno-trudovoĭ ékspertizy. Zh Nevropatol Psikhiatr 77(7): 998–1003, 1977 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ BLOOD PROTEINS, analysis/ *CEREBRAL ARTERIOSCLEROSIS, blood/ CEREBRAL ARTERIOSCLEROSIS, drug therapy/ CHOLESTEROL, blood/ DISABILITY EVALUATION/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ LECITHIN ACYLTRANSFERASE, blood/ LIPIDS, blood/ *LIPOPROTEINS, blood/ LIPOPROTEINS, LDL, analysis/ MIDDLE AGE/ PHOSPHATIDYLCHOLINES, blood/ SULFHYDRYL COMPOUNDS, blood

6225. **Mitsukawa S, Ishii N, Shirai M:** [Sperm motility and kallikrein (author's transl)] Jpn J Fertil Steril 21(2):195, Apr 76 (Eng. Abstr.) **(Jap)**
ENGLISH ABSTRACT/ HUMAN/ IN VITRO/ *KALLIKREIN, pharmacodynamics/ MALE/ OLIGOSPERMIA/ *SPERM MOTILITY, drug effects/ STERILITY, MALE

6226. **Mittapalli MR, Shahbazi N, Laurain AR:** Cavernous hemangioma of the neck simulating thyroglossal cyst. South Med J 70(8):1010–1, Aug 77
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *HEAD AND NECK NEOPLASMS, diagnosis/ HEAD AND NECK NEOPLASMS, pathology/ HEAD AND NECK NEOPLASMS, surgery/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ MIDDLE AGE/ *THYROGLOSSAL CYST, diagnosis

6227. **Mitterstieler G:** Langzeitprophylaxe bei schwerer Hämophilie A. Ein Fallbericht Paediatr Paedol 11(2–2):469–74, 1976 (Eng. Abstr.) **(Ger)**
CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ *FACTOR VIII, therapeutic use/ HEMARTHROSIS, prevention & control/ *HEMOPHILIA, therapy/ HUMAN/ MALE

6228. **Mittman C:** Antitrypsin. Prog Clin Biol Res 5:261–75, 1976 (86 ref.)
GENETICS, HUMAN/ HUMAN/ LIVER

CIRRHOSIS, etiology/ LIVER CIRRHOSIS, familial & genetic/ LUNG DISEASES, OBSTRUCTIVE, enzymology/ LUNG DISEASES, OBSTRUCTIVE, etiology/ LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ PHENOTYPE/ RESPIRATORY FUNCTION TESTS/ REVIEW/ RISK/ TRYPSIN INHIBITORS, analysis/ *TRYPSIN INHIBITORS, deficiency/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6229. **Miura N, Kagawa M, Kitamura K:** [A study of hypertensive intracerebral hemorrhage (1)–computerized tomographic survey on developmental process of the hematoma (author's transl)] Neurol Surg (Tokyo) 5(8):845–54, Jul 77 (Eng. Abstr.) **(Jpn)**
ADULT/ AGED/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, radiography/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, radiography/ HUMAN/ *HYPERTENSION, complications/ MALE/ MIDDLE AGE/ PUTAMEN, radiography/ THALAMUS, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

6230. **Miura Y, Iwai H, Sakata R, et al:** Involvement of cyclic GMP in the initial stage of hepatocytes proliferation. J Biochem (Tokyo) 80(2):291–7, Aug 76
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL/ DNA REPLICATION, drug effects/ ENZYME INDUCTION, drug effects/ GLUCAGON, pharmacodynamics/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ HEPARIN, pharmacodynamics/ KINETICS/ *LIVER REGENERATION/ *LIVER, metabolism/ LIVER, drug effects/ MALE/ ORNITHINE DECARBOXYLASE, biosynthesis/ RATS/ THYMIDINE KINASE, biosynthesis/ TRIIODOTHYRONINE, pharmacodynamics/ TYROSINE AMINOTRANSFERASE, biosynthesis

6231. **Miyama A, Kato T, Minoda I, et al:** Activation of therminal components of human complement by a trypsin-activated complex of human factor B and cobra venom factor. Jpn J Microbiol 20(6):507–16, Dec 76
COMPLEMENT 3, metabolism/ COMPLEMENT 5, metabolism/ COMPLEMENT 6, metabolism/ COMPLEMENT 7, metabolism/ COMPLEMENT 9, metabolism/ *COMPLEMENT, metabolism/ GUINEA PIGS/ *HEMOLYSIS, drug effects/ HUMAN/ IMMUNE SERUMS/ IN VITRO/ *SNAKE VENOMS, pharmacodynamics/ *TRYPSIN, pharmacodynamics

6232. **Miyama H, Harumiya N, Mori Y, et al:** A new antithrombogenic heparinized polymer. J Biomed Mater Res 11(2):251–65, Mar 77
ABSORPTION/ ADSORPTION/ ANIMAL/ *BLOOD COAGULATION, drug effects/ CHEMISTRY/ DEPRESSION, CHEMICAL/ DOGS/ *HEPARIN, pharmacodynamics/ MEMBRANE POTENTIALS, drug effects/ NITROGEN, analysis/ POLYMERS, chemical synthesis/ *POLYMERS, pharmacodynamics/ TIME FACTORS/ WATER

6233. **Miyanaga Y, Mizutani T, Kobayashi N:** [Kinin system in uveitis (author's transl)] Acta Soc Ophthalmol Jpn 80(8):471–9, 10 Aug 76 (Eng. Abstr.) **(Jpn)**
ANIMAL/ *BRADYKININ, blood/ *CARBOXYPEPTIDASES, blood/ ENGLISH ABSTRACT/ HUMAN/ *KALLIKREIN, blood/ RABBITS/ *UVEITIS, blood

6234. **Miyazaki S, Iwasaki M, Sakaguchi G:** Clostridium botulinum type D toxin: purification, molecular structure, and some immunological properties. Infect Immun 17(2):395–401, Aug 77
BACTERIAL PROTEINS, analysis/ *BOTULINUM TOXIN/ BOTULINUM TOXIN, analysis/ BOTULINUM TOXIN, isolation & purification/ BOTULINUM TOXIN, toxicity/ MOLECULAR WEIGHT/ NEUTRALIZATION TESTS/ TRYPSIN, metabolism

6235. **Mizon JP, Froissart M, Morcamp D:** Sclérose tubéreuse de Bourneville à expressions multiples. Lille Med 22(5):325–8, May 77 **(Fre)**
ADULT/ CALCINOSIS, complications/ CASE REPORT/ FEMALE/ *HEMANGIOMA, complications/ HUMAN/ *LIPOMA, complications/ *TUBEROUS SCLEROSIS, complications

6236. **Mizukami Y, Murai Y, Fukushima Y:** [Pulmonary thromboembolism in a sequent autopsy series of 200 elderies (author's transl)] Respir Circ (Tokyo) 24(11):979–84, Nov 76 (Eng. Abstr.) **(Jpn)**
AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ JAPAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, occurrence

6237. **Mizuta K, Tokushige M:** Studies on aspartase. III. Alteration of enzymatic properties upon trypsin-mediated activation. Biochim Biophys Acta 452(1):253–61, 8 Nov 76
*AMMONIA-LYASES, metabolism/ *ASPARTATE AMMONIA-LYASE, metabolism/ ENZYME ACTIVATION, drug effects/ ESCHERICHIA COLI, enzymology/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PROTEIN BINDING/ PROTEIN DENATURATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPSIN, pharmacodynamics

6238. **Mkhitarian VG, Mezhlumian LM:** Sovmestnoe deĭstvie vitamina E i peroksidirovannykh nenasyshchennykh zhirnykh kislot na aktivnost' urokinazy i gistidazy Zh Eksp Klin Med 16(4):3–7, 1976 **(Rus)**
*AMMONIA-LYASES, metabolism/ ANIMAL/ DRUG INTERACTIONS/ *FATTY ACIDS, NONESTERIFIED, pharmacodynamics/ *HISTIDASE, metabolism/ LIVER, enzymology/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PEROXIDES, pharmacodynamics/ RATS/ *UROKINASE, metabolism/ *VITAMIN E, pharmacodynamics

6239. **Mladenovska G, Petrovski R, Stavnic G, et al:** Hemangioma na nosot i paranazalnite sinusi na materijalot na ORL klinika vo Skopje za periodot od 1970–1975 God Zb Med Fak Skopje 22:267–73, 1976 **(Scc)**
ADULT/ CASE REPORT/ FEMALE/ *HEMANGIOMA, diagnosis/ *HOSPITALS, SPECIAL/ HUMAN/ MALE/ *PARANASAL SINUS NEOPLASMS, diagnosis/ UNIVERSITY HOSPITALS/ YUGOSLAVIA

6240. **Mlczoch J, Weir EK, Grover RF:** Inhibition of hypoxic pulmonary vasoconstriction by dipyridamole is not platelet mediated. Can J Physiol Pharmacol 55(3):448–51, Jun 77
ANIMAL/ ANOXIA, complications/ *ANOXIA, physiopathology/ BLOOD PLATELETS, immunology/ *BLOOD PLATELETS, physiology/ BLOOD PRESSURE, drug effects/ *DIPYRIDAMOLE, pharmacodynamics/ DOGS/ FEMALE/ IMMUNE SERUMS, pharmacodynamics/ *LUNG, blood supply/ LUNG, drug effects/ MALE/ THROMBOPENIA, complications/ THROMBOPENIA, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VASCULAR RESISTANCE, drug effects

6241. **Mlynek HJ, Hartig W, Schenker U, et al:** Komplikationen und Gefahren bei abdominalen chirurgischen Erkrankungen im Senium Zentralbl Chir 102(5):283–96, 1977 (Eng. Abstr.) **(Ger)**
*ABDOMEN, surgery/ AGE FACTORS/ AGED/ CARDIOVASCULAR DISEASES, mortality/ ENGLISH ABSTRACT/ FEMALE/ GASTROINTESTINAL DISEASES, surgery/ GASTROINTESTINAL NEOPLASMS, surgery/ HUMAN/ MALE/ PALLIATIVE TREATMENT/ PERITONITIS, mortality/ *POSTOPERATIVE COMPLICATIONS, mortality/ PROGNOSIS/ RISK/ SURGICAL WOUND DEHISCENCE, mortality/ SURGICAL WOUND INFECTION, mortality/ THROMBOEMBOLISM, mortality

6242. **Moake JL, Kageler WV, Cimo PL, et al:** Intravascular hemolysis, thrombocytopenia, leukopenia, and circulating immune complexes after jejunal–ileal bypass surgery. Ann Intern Med 86(5):576–8, May 77
ADULT/ *ANTIGEN-ANTIBODY COMPLEX/ ARTHRITIS, etiology/ ARTHRITIS, immunology/ BLOOD PLATELETS/ CASE REPORT/ CHROMIUM RADIOISOTOPES, metabolism/

COMPLEMENT 3, deficiency/ COMPLEMENT 4, deficiency/ COOMBS' TEST/ *HEMOLYSIS/ HUMAN/ *ILEUM, surgery/ *JEJUNUM, surgery/ *LEUKOPENIA, diagnosis/ MALE/ NEUTROPENIA, etiology/ OBESITY, therapy/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ RETICULOCYTES/ *THROMBOPENIA, diagnosis

6243. **Moake JL, Cimo PL, Peterson DM, et al:** Inhibition of ristocetin-induced platelet agglutination by vancomycin. Blood 50(3):397–406, Sep 77
BINDING, COMPETITIVE/ DRUG INTERACTIONS/ FACTOR VIII/ FORMALIN/ HUMAN/ *PLATELET AGGREGATION, drug effects/ *RISTOCETIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VANCOMYCIN, pharmacodynamics/ VON WILLEBRAND'S DISEASE, blood

6244. **Mobley WC, Schenker A, Shooter EM:** Characterization and isolation of proteolytically modified nerve growth factor. Biochemistry 15(25):5543–52, 14 Dec 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ MALE/ MICE/ MOLECULAR WEIGHT/ *NERVE GROWTH FACTOR/ NERVE GROWTH FACTOR, isolation & purification/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ SUBMANDIBULAR GLAND, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6245. **Modan B, Schor SS, Modan M:** The case for anticoagulants in acute myocardial infarction. How do you know you cannot do it better [editorial]? Arch Intern Med 136(11):1230–1, Nov 76
ACUTE DISEASE/ *ANTICOAGULANTS, therapeutic use/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy

6246. **Modéer:** Characterization of kallikrein from human saliva isolated by use of affinity chromatography. Acta Odontol Scand 35(1):31–9, 1977
ADULT/ CHROMATOGRAPHY, AFFINITY/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ *KALLIKREIN/ KALLIKREIN, antagonists & inhibitors/ KALLIKREIN, analysis/ KALLIKREIN, isolation & purification/ MALE/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ *SALIVA, enzymology

6247. **Modéer T:** Human saliva kallikrein. Biological properties of saliva kallikrein isolated by use of affinity chromatography. Acta Odontol Scand 35(1):23–9, 1977
ADULT/ CELL MOVEMENT, drug effects/ CHEMOTAXIS, LEUKOCYTE, drug effects/ CHROMATOGRAPHY, AFFINITY/ FEMALE/ HUMAN/ *KALLIKREIN/ KALLIKREIN, isolation & purification/ KALLIKREIN, metabolism/ KALLIKREIN, pharmacodynamics/ MALE/ NEUTROPHILS, drug effects/ *SALIVA, enzymology/ STIMULATION, CHEMICAL

6248. **Modrzewski K, Kaminski J:** Wewnatrzosłonkowy ucisk nerwu posrodkowego
Chir Narzadow Ruchu Ortop Pol 41(3):271–3, 1976 (Eng. Abstr.) **(Pol)**
ADULT/ CASE REPORT/ CENTRAL NERVOUS SYSTEM DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ GANGLIA/ HUMAN/ MALE/ *MEDIAN NERVE/ MEDIAN NERVE, blood supply/ *NERVE COMPRESSION SYNDROMES, etiology/ NEUROFIBROMA, complications/ THROMBOSIS, complications

6249. **Moelling K, Hayami M:** Analysis of precursors to the envelope glycoproteins of avian RNA tumor viruses in chicken and quail cells. J Virol 22(3):598–607, Jun 77
CELL TRANSFORMATION, NEOPLASTIC/ CHICK EMBRYO/ CHICKEN SARCOMA VIRUS B77, growth & development/ *GLYCOPROTEINS, biosynthesis/ MOLECULAR WEIGHT/ PEPTIDES, biosynthesis/ *PROTEIN PRECURSORS, biosynthesis/ QUAIL/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics/ *VIRAL PROTEINS, biosynthesis

6250. **Moffatt TL, Schwartz A:** Rebound thrombocytosis after alcohol withdrawal [letter]. N Engl J Med 295(23):1322–3, 2 Dec 76
ADULT/ *ALCOHOLISM, complications/ CASE REPORT/ DRUG WITHDRAWAL SYMPTOMS/ HUMAN/ MALE/ *THROMBOCYTOSIS, etiology/ THROMBOPENIA, etiology

6251. **Mogg RA:** Renal artery thrombosis due to high voltage electricity. Urol Clin North Am 4(1):13–6, Feb 77
ADOLESCENCE/ ADULT/ CASE REPORT/ *ELECTRIC INJURIES, complications/ HUMAN/ MALE/ *RENAL ARTERY/ THROMBOSIS, diagnosis/ *THROMBOSIS, etiology

6252. **Mohamed FA, Barnhart MI:** Radioimmunoassay for measurement of fibrinogen.
New Istanbul Contrib Clin Sci 11(3):119–26, Dec 76
AFIBRINOGENEMIA, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *FIBRINOGEN, analysis/ HEMOPHILIA, blood/ HUMAN/ *RADIOIMMUNOASSAY, methods

6253. **Mohammad SF, Chuang HY, Mason RG:** Roles of polymer size and epsilon-amino groups in polylysine-platelet interaction. Thromb Res 10(2):193–202, Feb 77
AMINO ACIDS, metabolism/ CHONDROITIN SULFATES, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HEPARIN, pharmacodynamics/ MOLECULAR WEIGHT/ *PEPTIDES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ POLYLYSINE, antagonists & inhibitors/ *POLYLYSINE, pharmacodynamics/ SUCCINATES, metabolism

6254. **Mohandas N:** Red cells adhering to a glass surface: deformation in a well-defined fluid shear field. Nouv Rev Fr Hematol 16(3):357–62, 1976
BLOOD VISCOSITY/ *CELL ADHESION/ *CELL MEMBRANE, physiology/ ELASTICITY/ ERYTHROCYTE AGGREGATION/ *ERYTHROCYTES, physiology/ GLASS/ GLUTARALDEHYDE/ HUMAN/ MICROSCOPY, ELECTRON, SCANNING/ SURFACE PROPERTIES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6255. **Möhler H, Okada T:** Properties of 3H-diazepam binding to benzodiazepine receptors in rat cerebral cortex. Life Sci 20(12):2101–10, 15 Jun 77
ANIMAL/ CEREBRAL CORTEX/ *DIAZEPAM, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PEPTIDE HYDROLASES, pharmacodynamics/ RATS/ *RECEPTORS, DRUG, metabolism/ SYNAPTOSOMES, drug effects/ *SYNAPTOSOMES, metabolism/ TEMPERATURE

6256. **Mohsin M, Pal AK:** Phyto-estrogen in relation to physiology of birds. Effect on the development of reproductive and endocrine organs of chicken. Indian Vet J 54(1):25–8, Jan 77
ANIMAL/ *CHICKENS, physiology/ *COUMARINS, pharmacodynamics/ *COUMESTROL, pharmacodynamics/ *DIETHYLSTILBESTROL, pharmacodynamics/ ENDOCRINE GLANDS, growth & development/ FEMALE/ GENITALIA, growth & development/ MALE

6257. **Mohyuddin M, Skoropad WP:** Modification of the radiation resistance of Aspergillus flavus mycelial units by some chemicals. Radiat Environ Biophys 14(1):39–45, 27 Apr 77
ASPERGILLUS FLAVUS, drug effects/ *ASPERGILLUS FLAVUS, radiation effects/ BROMIDES, pharmacodynamics/ CALCIUM CHLORIDE, pharmacodynamics/ CALCIUM, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ GAMMA RAYS/ IODIDES, pharmacodynamics/ IODOACETAMIDE, pharmacodynamics/ IODOACETATES, pharmacodynamics/ NITRATES, pharmacodynamics/ NITRITES, pharmacodynamics/ POTASSIUM CHLORIDE, pharmacodynamics/ POTASSIUM IODIDE, pharmacodynamics/ POTASSIUM, pharmacodynamics/ *RADIATION-SENSITIZING AGENTS, pharmacodynamics/ SODIUM

CHLORIDE, pharmacodynamics/ SODIUM, pharmacodynamics/ VITAMIN K, pharmacodynamics

6258. **Moir AJ, Cole HA, Perry SV:** The phosphorylation sites of troponin T from white skeletal muscle and the effects of interaction with troponin C on their phosphorylation by phosphorylase kinase. Biochem J 161(2):371–82, 1 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ ELECTROPHORESIS, PAPER/ KINETICS/ *MUSCLE PROTEINS, metabolism/ PEPTIDE FRAGMENTS, analysis/ PHOSPHATES, analysis/ *PHOSPHORYLASE KINASE, metabolism/ RABBITS/ TROPONIN, analysis/ *TROPONIN, metabolism/ TRYPSIN

6259. **Mojica-a T, Garcia E:** Growth of coliphage BF23 on rough strains of Salmonella typhimurium: the bfe locus. Mol Gen Genet 147(2):195–202, 19 Aug 76
*COLIPHAGES, growth & development/ COLIPHAGES, radiation effects/ DEOXYRIBONUCLEASE, pharmacodynamics/ *GENES/ HEAT/ MUTATION/ PEPTIDE HYDROLASES, pharmacodynamics/ PLAQUE ASSAY/ RIBONUCLEASE, pharmacodynamics/ *SALMONELLA TYPHIMURIUM/ ULTRAVIOLET RAYS

6260. **Mole JE, Bhown AS, Bennett JC:** Primary structure of human J chain: alignment of peptides from chemical and enzymatic hydrolyses. Biochemistry 16(16):3507–13, 9 Aug 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHEMISTRY/ CHYMOTRYPSIN/ HUMAN/ HYDROLYSIS/ *IMMUNOGLOBULINS, J CHAIN/ MACROGLOBULINEMIA, immunology/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6261. **Molinari ML, Zoni G:** Dosaggio dell'eparina nelle preparazioni farmaceutiche con l'uso dell'APTT Boll Chim Farm 116(3):149–54, Mar 77 (Eng. Abstr.) **(Ita)**
*DRUGS, analysis/ ENGLISH ABSTRACT/ *HEPARIN, analysis/ HUMAN/ INJECTIONS/ *THROMBOPLASTIN

6262. **Molinelli G, Carozzi S, Lamperi S:** FDP nella gravidanza normale e patologica Boll Soc Ital Biol Sper 52(19):1583–8, 15 Oct 76 **(Ita)**
DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ HUMAN/ *PREGNANCY COMPLICATIONS, blood/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ *PREGNANCY/ PROTEINURIA, blood

6263. **Molloy JC, McGuirk RA:** Treatment of traumatic myositis ossificans circumscripta; use of aspiration and steroids. J Trauma 16(11):851–7, Nov 76
ADOLESCENCE/ ARM INJURIES, complications/ *ATHLETIC INJURIES, complications/ CORTISONE, therapeutic use/ DEXAMETHASONE, therapeutic use/ HEMATOMA, therapy/ HUMAN/ HYALURONIDASE, therapeutic use/ LEG INJURIES, complications/ MALE/ MIDDLE AGE/ MYOSITIS OSSIFICANS, etiology/ *MYOSITIS OSSIFICANS, therapy/ SUCTION

6264. **Molnar J, McLain S, Allen C, et al:** The role of an alpha2-macroglobulin of rat serum in the phagocytosis of colloidal particles. Biochim Biophys Acta 493(1):37–54, 22 Jul 77
*ALPHA MACROGLOBULINS, physiology/ ANIMAL/ *COLLOIDS/ DRUG STABILITY/ ESCHERICHIA COLI/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ LIVER, metabolism/ MALE/ OPSONINS, physiology/ OPTICAL ROTATORY DISPERSION/ *PHAGOCYTOSIS/ RATS/ TEMPERATURE/ TRIOLEIN/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6265. **Mombelli G, Schaedelin J, Beck EA:** Pharmakokinetik von Heparin nach einmaliger intravenöser oder subkutaner Injektion. Schweiz Med Wochenschr 107(23):810–5, 11 Jun 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ HALF-LIFE/ HEPARIN CO-FACTOR, metabolism/ *HEPARIN/ HEPARIN, administration & dosage/ HEPARIN, blood/ HUMAN/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ KINETICS/ SULFUR ISOTOPES

6266. **Monaghan M:** Archibald Reid Memorial Thesis, 1976. Treatment of the lymphomata and oat cell carcinoma of the bronchus by whole body radiotherapy. Radiography 43(506):25–43, Feb 77
AGED/ *BRONCHIAL NEOPLASMS, radiotherapy/ *CARCINOMA, OAT CELL, radiotherapy/ CASE REPORT/ FEMALE/ HUMAN/ LEUKOPENIA, etiology/ LUNG NEOPLASMS, radiotherapy/ *LYMPHOMA, radiotherapy/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ RADIOTHERAPY DOSAGE/ RADIOTHERAPY, adverse effects/ THROMBOPENIA, etiology

6267. **Monahan TM, Fritz RR, Abell CW:** Sodium periodate stimulation of normal and chronic lymphocytic leukemia lymphocytes. II. The use of neuraminidase and trypsin to probe the nature of the response. Exp Cell Res 103(2):263–9, Dec 76
COMPARATIVE STUDY/ DNA, biosynthesis/ LEUKEMIA, LYMPHOCYTIC/ *LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTE TRANSFORMATION, drug effects/ LYMPHOCYTES, analysis/ LYMPHOCYTES, metabolism/ *NEURAMINIDASE, pharmacodynamics/ *PERIODIC ACIDS, pharmacodynamics/ PLANT AGGLUTININS/ SIALIC ACIDS, analysis/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6268. **Monastyrskiĭ VA, Slonskaia VT, Nazar PS, et al:** Vliianie geparina na techenie gemotransfuzionnykh oslozhnenii, vyzvannykh perelivaniem nesovmestimoĭ krovi. Probl Gematol Pereliv Krovi 22(7):42–8, Jul 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION, drug effects/ *BLOOD GROUP INCOMPATIBILITY, drug therapy/ *BLOOD TRANSFUSION, adverse effects/ DOGS/ ENGLISH ABSTRACT/ HEMODYNAMICS, drug effects/ *HEPARIN, therapeutic use/ KIDNEY, physiopathology/ MALE/ RATS/ TIME FACTORS/ TRANSPLANTATION, HETEROLOGOUS

6269. **Monastyrskiĭ VA, Ambarova LI:** Funktsional'noe sostoianie pochek pri éksperimental'nom immunnom nefrite v usloviiakh primeneniia geparina, urokinazy i uroplazmina. Urol Nefrol (Mosk) (4):23–5, Jul–Aug 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ COMPARATIVE STUDY/ DRUG SCREENING/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, therapeutic use/ *HEPARIN, therapeutic use/ *KIDNEY, drug effects/ KIDNEY, physiopathology/ MALE/ *NEPHRITIS, drug therapy/ NEPHRITIS, immunology/ NEPHRITIS, physiopathology/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ RABBITS/ TIME FACTORS/ *UROKINASE, therapeutic use

6270. **Moncada S, Needleman P, Bunting S, et al:** Prostaglandin endoperoxide and thromboxane generating systems and their selective inhibition. Prostaglandins 12(3):323–35, Sep 76
ANIMAL/ ARACHIDONIC ACIDS, pharmacodynamics/ BENZYDAMINE, pharmacodynamics/ BLOOD PLATELETS, metabolism/ HORSES/ *HYDROXY ACIDS, metabolism/ INDOMETHACIN, pharmacodynamics/ MALE/ *MICROSOMES, enzymology/ MUSCLE CONTRACTION, drug effects/ *PEROXIDES, metabolism/ *PROSTAGLANDINS, metabolism/ *PYRANS, metabolism/ RABBITS/ RATS/ SEMINAL VESICLES, enzymology/ SHEEP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6271. **Moncada S, Higgs EA, Vane JR:** Human arterial and venous tissues generate prostacyclin (prostaglandin x), a potent inhibitor of platelet aggregation. Lancet 1(8001):18–20, 1 Jan 77
*ANTICOAGULANTS, pharmacodynamics/ ANTICOAGULANTS, secretion/ ARACHIDONIC ACIDS, antagonists & inhibitors/ ARACHIDONIC ACIDS, metabolism/ ARACHIDONIC ACIDS, pharmacodynamics/ *ARTERIES, secretion/ ATHEROSCLEROSIS, prevention & control/ HEAT/ HUMAN/ INDOMETHACIN, pharmacodynamics/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDIN ANTAGONISTS/ *PROSTAGLANDINS, physiology/ PROSTAGLANDINS, secretion/ *VEINS, secretion

6272. **Moncada S, Bunting S, Mullane K, et al:** Imidazole: a selective inhibitor of thromboxane synthetase. Prostaglandins 13(4):611–8, Apr 77
ANIMAL/ AORTA, enzymology/ ARACHIDONIC ACIDS, pharmacodynamics/ BLOOD PLATELETS, enzymology/ HYDROXY ACIDS/ *IMIDAZOLES, pharmacodynamics/ MICROSOMES, enzymology/ MUSCLE, SMOOTH, enzymology/ *OXIDOREDUCTASES, antagonists & inhibitors/ OXIDOREDUCTASES, biosynthesis/ PEROXIDES, metabolism/ *PROSTAGLANDINS, metabolism/ PYRANS/ RABBITS/ SEMINAL VESICLES, enzymology/ SHEEP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6273. **Moncada S:** Prostaglandin endoperoxides and thromboxanes: formation and effects. Naunyn Schmiedebergs Arch Pharmacol 297 Suppl 1:S81–4, 31 Mar 77
ANIMAL/ *BLOOD PLATELETS, metabolism/ DOGS/ *HYDROXY ACIDS, metabolism/ MUSCLE CONTRACTION/ MUSCLE, SMOOTH, physiology/ *PEROXIDES, metabolism/ PLATELET AGGREGATION/ *PROSTAGLANDINS, metabolism/ *PYRANS, metabolism/ RABBITS

6274. **Mondino BJ, Kessler E, Gipson LL, et al:** Effects of zinc sulfate on Pseudomonas aeruginosa infections and protease in rabbit corneas. Arch Ophthalmol 94(12):2149–52, Dec 76
ANIMAL/ COMPARATIVE STUDY/ CYSTEINE, therapeutic use/ DISEASE MODELS, ANIMAL/ DRUG SCREENING/ EDTA, therapeutic use/ *KERATITIS, drug therapy/ PEPTIDE HYDROLASES, metabolism/ PSEUDOMONAS AERUGINOSA, enzymology/ *PSEUDOMONAS INFECTIONS, drug therapy/ RABBITS/ *SULFATES, therapeutic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *ZINC, therapeutic use

6275. **Moneta E, Pastore G, Cina G, et al:** Un caso di flebotrombosi iliaco-femorale in gravida beta-talassemica. Taglio cesareo associato a trombectomia venosa ed interruzione parziale della vena iliaca esterna Minerva Ginecol 28(7–8):603–12, Jul–Aug 76 (Eng. Abstr.) **(Ita)**
ADULT/ CASE REPORT/ CESAREAN SECTION/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL VEIN/ HUMAN/ ILIAC VEIN/ PHLEBOGRAPHY/ *PHLEGMASIA ALBA DOLENS/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY/ *THALASSEMIA, complications/ THERMOGRAPHY/ *THROMBOPHLEBITIS/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, surgery

6276. **Monetti MG, Curradi C, Galli P, et al:** Callicreina urinaria nella epatite acuta e nella cirrosi epatica
Boll Soc Ital Biol Sper 52(19):1595–9, 15 Oct 76 **(Ita)**
ACUTE DISEASE/ ADULT/ FEMALE/ *HEPATITIS, VIRAL, HUMAN, enzymology/ HEPATITIS, VIRAL, HUMAN, urine/ HUMAN/ *KALLIKREIN, urine/ *LIVER CIRRHOSIS, enzymology/ LIVER CIRRHOSIS, urine/ LIVER FUNCTION TESTS, methods/ MALE/ MIDDLE AGE

6277. **Monier C, Delaunoy JP, Dirkx J:** Obtention de peptides trypsiques et chymotrypsiques du fragment B de la toxine diphtérique Arch Int Physiol Biochim 84(5):1098–9, Dec 76 **(Fre)**
CHYMOTRYPSIN/ *DIPHTHERIA TOXIN, analysis/ *PEPTIDE FRAGMENTS, analysis/ PEPTIDES, isolation & purification/ TRYPSIN

6278. **Moniuszko-Jakoniuk J, Wiśniewski K, Ropelewska J:** The influence of kinins on the metabolic effects of chosen drugs. Biochem Pharmacol 25(23):2593–8, 1 Dec 76
ANIMAL/ BRADYKININ, pharmacodynamics/ *CATECHOLAMINES, pharmacodynamics/ DRUG INTERACTIONS/ EPIDIDYMIS, metabolism/ FATTY ACIDS, NONESTERIFIED, metabolism/ GLYCOGEN PHOSPHORYLASE, metabolism/ KALLIKREIN, pharmacodynamics/ *KININS, pharmacodynamics/ LACTATES, metabolism/ MALE/ MYOCARDIUM, enzymology/ RATS/ THEOPHYLLINE, pharmacodynamics

6279. **Moniuszko-Jakoniuk J, Wiśniewski K, Radwan J:** The influence of kinins on the action of circulatory drugs. I. The influence of kinins on hypertensive and hypotensive effects of selected drugs.
Arch Immunol Ther Exp (Warsz) 24(4):497–501, 1976
AMINOPHYLLINE, pharmacodynamics/ ANIMAL/ *BLOOD PRESSURE, drug effects/ BRADYKININ, pharmacodynamics/ CATS/ EPINEPHRINE, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ KALLIKREIN, pharmacodynamics/ *KININS, pharmacodynamics/ MALE/ NOREPINEPHRINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ RATS/ THEOPHYLLINE, pharmacodynamics

6280. **Moniuszko-Jakoniuk J, Wisniewski K, Koscielak M:** Investigations of the mechanism of central action of kinins. Psychopharmacology 50(2):181–6, 10 Nov 76
ANIMAL/ BLOOD PLATELETS, metabolism/ BRADYKININ, pharmacodynamics/ *BRAIN, metabolism/ CORPUS STRIATUM, metabolism/ DOPAMINE, metabolism/ KALLIKREIN, pharmacodynamics/ *KININS, pharmacodynamics/ MALE/ *NEUROHUMORS, metabolism/ NOREPINEPHRINE, metabolism/ RATS/ SEROTONIN, metabolism

6281. **Moniuszko-Jakoniuk J, Kościelak M:** Influence of kinins on amphetamine activity. Pol J Pharmacol Pharm 28(6):661–5, Nov–Dec 76
*AMPHETAMINE, pharmacodynamics/ ANIMAL/ BIOGENIC AMINES, analysis/ *BRADYKININ, pharmacodynamics/ BRAIN CHEMISTRY, drug effects/ DRUG INTERACTIONS/ *KALLIKREIN, pharmacodynamics/ MOTOR ACTIVITY, drug effects/ RATS

6282. **Moniuszko-Jakoniuk J, Wiśniewski K:** Studies on the central activity of kinins. Pol J Pharmacol Pharm 28(6):655–9, Nov–Dec 76
ANIMAL/ *BRADYKININ, pharmacodynamics/ *BRAIN CHEMISTRY, drug effects/ DOPAMINE, analysis/ HOMOVANILLIC ACID, analysis/ HYDROXYINDOLEACETIC ACID, analysis/ *KALLIKREIN, pharmacodynamics/ MALE/ NOREPINEPHRINE, analysis/ NORMETANEPHRINE, analysis/ RATS/ SEROTONIN, analysis

6283. **Monsallier JF, Bieichner G:** Les thromboses veineuses iatrogènes Rev Prat 27(21):1373–9, 11 Apr 77 (Eng. Abstr.) **(Fre)**
CATHETERIZATION, adverse effects/ CONTRACEPTIVES, ORAL, COMBINED, adverse effects/ CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ DIURETICS, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IATROGENIC DISEASE/ INFECTION, complications/ INFUSIONS, PARENTERAL, adverse effects/ MALE/ PULMONARY EMBOLISM, complications/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, pathology/ THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, therapy/ TIME FACTORS

6284. **Montani A, Comi G:** Analisi chimica della frazione mucopolisaccaridica dell'Hemovasal Boll Chim Farm

115(7):501–7, Jul 76 (Eng. Abstr.) **(Ita)**
AORTA/ CHONDROITIN SULFATES, analysis/ COLORIMETRY/ ENGLISH ABSTRACT/ HEPARIN, analysis/ HEPARITIN SULFATE, analysis/ HUMAN/ IDURONIC ACID, analysis/ MALE/ *MUCOPOLYSACCHARIDES, analysis/ *TISSUE EXTRACTS, analysis

6285. **Montedoro G, Bertuccioli M, Petrouccioli G:** The effects of treatment with enzymatic preparations and tannin phenolic absorbent agents in extracting the olive oil by single pressure process on the oil yield, on the analytical characteristics of the oils of the vegetation waters and of the waste waters.
Acta Vitaminol Enzymol (Milano) 30(3):13–27, 1976
ADSORPTION/ CELLULASE/ *ENZYMES/ FOOD HANDLING/ INDUSTRIAL WASTE/ METHYLCELLULOSE/ *OILS/ OILS, standards/ PEPTIDE HYDROLASES/ *PLANTS/ POLYGALACTURONASE/ TANNINS

6286. **Montero Domínguez J, Gil Fernández J, Venero Montero F:** Embolia pulmonar y elevación masiva de enzimas
Rev Clin Esp 142(1):81–5, 15 Jul 76 **(Spa)**
ADULT/ CASE REPORT/ HUMAN/ MALE/ *PULMONARY EMBOLISM, enzymology

6287. **Montgomery R, Natelson SE:** Afibrinogenemia with intracerebral hematoma. Report of a successfully treated case. Am J Dis Child 131(5):555–6, May 77
*AFIBRINOGENEMIA, congenital/ AFIBRINOGENEMIA, drug therapy/ CASE REPORT/ *CEREBRAL HEMORRHAGE, surgery/ CHILD/ FEMALE/ FIBRINOGEN, therapeutic use/ HUMAN

6288. **Monti M, Wadsö I:** Microcalorimetric measurements of heat production in human erythrocytes. IV. Comparison between different calorimetric techniques, suspension media, and preparation methods.
Scand J Clin Lab Invest 36(6):573–80, Oct 76
BLOOD PRESERVATION/ CALORIMETRY, instrumentation/ *CALORIMETRY, methods/ COMPARATIVE STUDY/ CULTURE MEDIA/ *ERYTHROCYTES, metabolism/ *GLUCOSE, metabolism/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ SODIUM CHLORIDE, pharmacodynamics/ TEMPERATURE/ TIME FACTORS

6289. **Monti M, Wadsö I:** Microcalorimetric measurements of heat production in human erythrocytes. III. Influence of pH, temperature, glucose concentration, and storage conditions. Scand J Clin Lab Invest 36(6):565–72, Oct 76
BLOOD PRESERVATION/ BLOOD SUGAR/ *CALORIMETRY, methods/ CULTURE MEDIA/ *ERYTHROCYTES, metabolism/ *GLUCOSE, metabolism/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ SODIUM CHLORIDE, pharmacodynamics/ TEMPERATURE/ TIME FACTORS

6290. **Monti M, Wadsö I:** Microcalorimetric studies of human platelet metabolism at rest. Influence of pH, temperature, cell concentration, preparation methods and storage.
Scand J Haematol 19(1):111–5, Jul 77
*BLOOD PLATELETS, metabolism/ BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ CALORIMETRY/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ TEMPERATURE

6291. **Montori A, Viceconte G, Miscusi G, et al:** Therapeutic colonoscopy. Endoscopy 8(2):81–4, May 77
ADENOCARCINOMA, surgery/ CARCINOMA, surgery/ COLECTOMY/ *COLONIC DISEASES, surgery/ *COLONIC NEOPLASMS, surgery/ ELECTROCOAGULATION, methods/ FOREIGN BODY MIGRATION, surgery/ HEMANGIOMA, surgery/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ INTESTINAL POLYPS, surgery/ POSTOPERATIVE COMPLICATIONS, surgery/ *SIGMOIDOSCOPY, methods

6292. **Montorsi W:** Stato attuale della terapia chirurgica dell'obesità 'grave' Minerva Med 67(60):3977–84, 8 Dec 76 **(Ita)**
ADOLESCENCE/ ADULT/ FEMALE/ HEMORRHOIDS, etiology/ HUMAN/ ILEUM, surgery/ ITALY/ JEJUNUM, surgery/ MALE/ METHODS/ MIDDLE AGE/ OBESITY IN DIABETES, surgery/ *OBESITY, surgery/ PICKWICKIAN SYNDROME, surgery/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, mortality

6293. **Moolgaoker AS, Rizvi JH, Payne PR:** Reducing the hospital stay following vaginal hysterectomy. Obstet Gynecol 49(5):570–5, May 77
ADULT/ AGED/ AMPICILLIN, therapeutic use/ CEPHALOSPORINS, therapeutic use/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ *HYSTERECTOMY/ HYSTERECTOMY, methods/ *HYSTERECTOMY, VAGINAL/ HYSTERECTOMY, VAGINAL, methods/ HYSTERECTOMY, VAGINAL, adverse effects/ *LENGTH OF STAY/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, etiology/ SURGICAL WOUND INFECTION, etiology/ THROMBOEMBOLISM, etiology/ VAGINA, surgery

6294. **Mooney RA:** Prevention of peritoneal adhesions with aprotinin (trasylol). J Int Med Res 4(5):360–3, 1976
ADHESIONS/ ADOLESCENCE/ ADULT/ AGED/ FEMALE/ HUMAN/ INJECTIONS, INTRAPERITONEAL/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ PERITONEUM/ *POSTOPERATIVE COMPLICATIONS, prevention & control

6295. **Moore A, Jaffe EA, Becker CG, et al:** Myosin in cultured human endothelial cells. Br J Haematol 35(1):71–9, Jan 77
ADENOSINE TRIPHOSPHATASE, metabolism/ ANTIBODY SPECIFICITY/ ANTIGENS, analysis/ BLOOD PLATELETS, analysis/ CELLS, CULTURED/ *ENDOTHELIUM, analysis/ ENDOTHELIUM, cytology/ ENDOTHELIUM, enzymology/ HUMAN/ MOLECULAR WEIGHT/ MYOSIN, immunology/ *MYOSIN, isolation & purification/ UMBILICAL VEINS, cytology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6296. **Moore G, Letter A, Lederis K:** Pharmacological and chemical properties of urotensin I and II peptides from the caudal neurosecretory system of bony fish. pp. 589–95.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
ANIMAL/ BIOLOGICAL ASSAY/ BLOOD PRESSURE, drug effects/ FEMALE/ FISHES/ HYPERTENSION, physiopathology/ MALE/ MOLECULAR WEIGHT/ MONOGRAPH/ PEPTIDE HYDROLASES/ *PEPTIDES, pharmacodynamics/ RATS/ SEX FACTORS

6297. **Moore GL, Ledford ME:** The uptake and egress of adenine from human red blood cells in vitro. Transfusion 17(1):38–43, Jan–Feb 77
*ADENINE, metabolism/ ADENOSINE MONOPHOSPHATE, metabolism/ *BLOOD PRESERVATION/ *COLD/ *ERYTHROCYTES, metabolism/ HUMAN/ IN VITRO/ TIME FACTORS

6298. **Moore K:** How patient education can reduce the risks of anticoagulation. Nursing (Jenkintown) 7(9):24–9, Sep 77
*ANTICOAGULANTS/ ANTICOAGULANTS, adverse effects/ HUMAN/ PATIENT COMPLIANCE/ *PATIENTS, education

6299. **Moore L, Pastan I:** Energy-dependent calcium uptake activity in cultured mouse fibroblast microsomes. Regulation of the uptake system by cell density.
J Biol Chem 252(18):6304–9, 25 Sep 77
AZIDES, pharmacodynamics/ BIOLOGICAL TRANSPORT, drug effects/ BLOOD/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ *FIBROBLASTS, metabolism/ MICROSOMES, metabolism/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6300. **Moore S, Friedman RJ, Gent M:** Resolution of lipid-containing atherosclerotic lesions induced by injury.

Blood Vessels 14(4):193–203, 1977
ANIMAL/ AORTA, injuries/ AORTA, pathology/ *ARTERIES, injuries/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, pathology/ CATHETERIZATION/ CHOLESTEROL, blood/ FATTY STREAK, ARTERIAL, etiology/ FATTY STREAK, ARTERIAL, pathology/ FEMALE/ HUMAN/ *LIPIDS, metabolism/ MALE/ RABBITS

6301. **Moorhead JD, Fritzsche P, Hadley HL:** Management of hemorrhage secondary to renal angiomyolipoma with selective arterial embolization. J Urol 117(1):122–3, Jan 77
ADULT/ CASE REPORT/ FEMALE/ HEMANGIOMA, complications/ *HEMANGIOMA, therapy/ HEMORRHAGE, etiology/ *HEMORRHAGE, therapy/ HUMAN/ KIDNEY NEOPLASMS, complications/ *KIDNEY NEOPLASMS, therapy/ LIPOMA, complications/ *LIPOMA, therapy/ RENAL ARTERY, radiography

6302. **Moorjani S, Lupien PJ, Awad J:** Extracorporeal removal of plasma lipoproteins by affinity binding to heparin-agarose. Clin Chim Acta 77(1):21–30, 16 May 77
ANIMAL/ BLOOD PROTEIN ELECTROPHORESIS/ CHOLESTEROL, blood/ CHROMATOGRAPHY, AFFINITY/ DOGS/ EXTRACORPOREAL CIRCULATION/ HEPARIN/ HUMAN/ IN VITRO/ *LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ METHODS/ PROTEIN BINDING/ SEPHAROSE/ TRIGLYCERIDES, blood

6303. **Moosauer M:** Hochdosierte Enzym-Substitutionstherapie bei Verdauungsstoörungen. Vorlüfige Mitteilung. Fortschr Med 94(31):1815–7, 4 Nov 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ AMYLASE, pharmacodynamics/ AMYLASE, therapeutic use/ CELLULASE, pharmacodynamics/ CELLULASE, therapeutic use/ *DIGESTION, drug effects/ DRUG COMBINATIONS/ DRUG EVALUATION/ ENGLISH ABSTRACT/ *ENZYMES, therapeutic use/ *GASTROINTESTINAL DISEASES, drug therapy/ HUMAN/ LIPASE, pharmacodynamics/ LIPASE, therapeutic use/ MIDDLE AGE/ PANCREATIN, pharmacodynamics/ PANCREATIN, therapeutic use/ PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDE HYDROLASES, therapeutic use

6304. **Morales TI, Woessner JF Jr:** PZ-peptidase from chick embryos. Purification, properties, and action on collagen peptides. J Biol Chem 252(14):4855–60, 25 Jul 77
ANIMAL/ CATIONS, DIVALENT/ CHICK EMBRYO/ *COLLAGEN, metabolism/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ METHODS/ PEPTIDE FRAGMENTS/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6305. **Morcos SR, Gabrial GN, El-Hafez MA:** Nutritive studies on some raw and prepared leguminous seeds commonly used in the Arab Republic of Syria. Z Ernaehrungswiss 15(4):378–86, Dec 76
ALKALOIDS, analysis/ AMINO ACIDS, analysis/ ANIMAL/ DIETARY PROTEINS, metabolism/ DIETARY PROTEINS, standards/ FOOD, FORTIFIED/ GLUCOSIDES, analysis/ HEAT/ METHIONINE/ NITROGEN, metabolism/ RATS/ SAPONINS, analysis/ SEEDS/ SYRIA/ TOXINS, analysis/ TRYPSIN INHIBITORS, analysis/ TRYPTOPHAN/ *VEGETABLES/ VEGETABLES, analysis/ VEGETABLES, standards

6306. **Moreau-Gachelin F, Bourrillon R:** Stimulation of the biosynthesis of membrane glycoproteins from Zajdela ascites hepatoma cells by Robinia lectin. Biochim Biophys Acta 443(3):375–86, 7 Sep 76
ANIMAL/ *CELL MEMBRANE, metabolism/ GLUCOSAMINE, metabolism/ *GLYCOPROTEINS, biosynthesis/ *HEPATOMA, metabolism/ KINETICS/ LEUCINE, metabolism/ *LIVER NEOPLASMS, metabolism/ MOLECULAR WEIGHT/ NEOPLASMS, EXPERIMENTAL, metabolism/ *PLANT AGGLUTININS, pharmacodynamics/ TRYPSIN

6307. **Morel Maroger A:** Thrombo-phlébite du sinus caverneux après cathétérisme lacrymal Nouv Presse Med 5(32):2083, 2 Oct 76 **(Fre)**
AGED/ CASE REPORT/ *CATHETERIZATION, adverse effects/ *CAVERNOUS SINUS/ COGNITION DISORDERS, etiology/ FEMALE/ HUMAN/ LACRIMAL APPARATUS, surgery/ STAPHYLOCOCCAL INFECTIONS, etiology/ *THROMBOPHLEBITIS, etiology

6308. **Morelli A, Frintzilas M, Zimmon DS:** Platelet uptake of octopamine and norepinephrine in hepatic encephalopathy. Gastroenterology 73(3):560–4, Sep 77
AMINES, metabolism/ *BLOOD PLATELETS, metabolism/ DEPRESSION, CHEMICAL/ HEPATIC COMA, blood/ *HEPATIC COMA, metabolism/ HUMAN/ MODELS, BIOLOGICAL/ *NOREPINEPHRINE, metabolism/ *NORSYNEPHRINE, metabolism/ THROMBIN, pharmacodynamics

6309. **Moreno-Cabral R, Kistner RL, Nordyke RA:** Importance of calf vein thrombophlebitis. Surgery 80(6):735–42, Dec 76
HUMAN/ *LEG, blood supply/ POPLITEAL VEIN/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, etiology/ *THROMBOPHLEBITIS, complications/ THROMBOSIS, complications

6310. **Moretti G, Beylot J, Longy M, et al:** Hémangiomes caverneux cutanés et rectosigmoïdiens. Syndrome de Bean Lille Med 21(10):821–6, Dec 76 **(Fre)**
ADULT/ CASE REPORT/ *COLONIC NEOPLASMS/ COLONIC NEOPLASMS, complications/ FEMALE/ *HEMANGIOMA, CAVERNOUS/ HUMAN/ *NEOPLASMS, MULTIPLE PRIMARY/ *RECTAL NEOPLASMS/ RECTAL NEOPLASMS, complications/ *SIGMOID/ *SKIN NEOPLASMS/ SKIN NEOPLASMS, complications/ SYNDROME

6311. **Moretti JL, Vasile N:** Diagnostic scintigraphique et angiographique de l'embolie pulmonaire. Rev Prat 27(31):2009–19, 1 Jun 77 (16 ref.) (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ HUMAN/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ RADIONUCLIDE IMAGING/ REVIEW/ TECHNETIUM, diagnostic use/ VENTILATION-PERFUSION RATIO

6312. **Morgagni W, Rusticali F, Aquilina M, et al:** Malfunzionamento transitorio di una L-Kaster in sede mitralica Studio ecocardiografico e poligrafico Minerva Med 67(63):4235–9, 29 Dec 76 (Eng. Abstr.) **(Ita)**
ADULT/ ECHOCARDIOGRAPHY/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ *HEART VALVE PROSTHESIS/ HUMAN/ *MITRAL VALVE, surgery/ PHONOCARDIOGRAPHY/ *THROMBOSIS, complications

6313. **Morgan FJ, Chesterman CN, McGready JR, et al:** Studies on the chemistry of human platelet factor 4. Haemostasis 6(1):53–8, 1977
AMINO ACID SEQUENCE/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, isolation & purification/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS/ *PLATELET FACTOR 4/ PLATELET FACTOR 4, isolation & purification

6314. **Morganstern S, Seery W, Khashu B, et al:** Large prostatic hematomas associated with carcinoma of the prostate. J Urol 117(5):622–3, May 77

ABSCESS, radiography/ ADENOCARCINOMA, complications/ ADENOCARCINOMA, radiography/ AGED/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *HEMATOMA, etiology/ HEMATOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ *PROSTATIC DISEASES, etiology/ PROSTATIC DISEASES, radiography/ *PROSTATIC NEOPLASMS, complications/ PROSTATIC NEOPLASMS, radiography

6315. **Morgenstern L, Michel SL, Austin E:** Control of hepatic bleeding with microfibrillar collagen. Arch Surg 112(8):941–3, Aug 77
AGED/ BIOPSY, adverse effects/ CHOLECYSTECTOMY/ *COLLAGEN, therapeutic use/ DRUG EVALUATION/ GALLBLADDER DISEASES, surgery/ *HEMOSTATICS, therapeutic use/ HEPATECTOMY/ HUMAN/ *LIVER DISEASES, complications/ *LIVER NEOPLASMS, complications/ *LIVER, injuries/ MALE/ POSTOPERATIVE COMPLICATIONS, therapy

6316. **Morgenstern L:** The avoidable complications of splenectomy. Surg Gynecol Obstet 145(4):525–8, Oct 77
COLLAGEN, therapeutic use/ CYANOACRYLATES, therapeutic use/ GOLD, therapeutic use/ HEMOSTASIS, SURGICAL/ HEMOSTATICS, therapeutic use/ HUMAN/ SPLEEN, injuries/ *SPLENECTOMY/ *SURGERY, OPERATIVE, adverse effects

6317. **Mori K, Hiratsuka I, Sakai H, et al:** Hemorrhagic diathesis in Weber–Christian disease. Tohuku J Exp Med 118 Suppl:227–43, 1976
ADULT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION/ BLOOD VISCOSITY/ CASE REPORT/ FEMALE/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *PANNICULITIS, NODULAR NONSUPPURATIVE, complications/ PANNICULITIS, NODULAR NONSUPPURATIVE, drug therapy/ PANNICULITIS, NODULAR NONSUPPURATIVE, physiopathology/ PREDNISOLONE, therapeutic use/ PROTHROMBIN TIME

6318. **Mori W, Mukawa K:** Wound healing and complications of the liver after percutaneous transhepatic cholangiography. Acta Hepatogastroenterol (Stuttg) 24(2):86–92, Apr 77
AGED/ *CHOLANGIOGRAPHY, adverse effects/ DUODENUM, injuries/ FEMALE/ HEMATOMA, etiology/ HEMOPERITONEUM, etiology/ HUMAN/ LIVER DISEASES, etiology/ *LIVER, injuries/ MALE/ MIDDLE AGE/ PUNCTURES, adverse effects/ WOUND HEALING

6319. **Moriau M, Masure R, Hurlet A, et al:** Haemostasis disorders in open heart surgery with extracorporeal circulation. Importance of the platelet function and the heparin neutralization. Vox Sang 32(1):41–51, 1977
BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD PLATELETS/ *EXTRACORPOREAL CIRCULATION/ FIBRINOLYSIS/ *HEART SURGERY/ *HEMOSTASIS/ *HEPARIN, metabolism/ HUMAN/ NEUTRALIZATION TESTS/ PLATELET AGGREGATION/ PLATELET FACTOR 4, analysis

6320. **Morihara K, Oka T:** A kinetic investigation of subsites S1' and S2' in alpha-chymotrypsin and subtilisin BPN'. Arch Biochem Biophys 178(1):188–94, 15 Jan 77
AMINO ACIDS, pharmacodynamics/ BINDING SITES/ *CHYMOTRYPSIN/ COMPARATIVE STUDY/ ESTERASES/ HYDROGEN BONDING/ HYDROLYSIS/ KINETICS/ PEPTIDES/ PROTEIN CONFORMATION/ *SUBTILISINS

6321. **Morihara K, Tsuzuki H:** Production of protease and elastase by Pseudomonas aeruginosa strains isolated from patients. Infect Immun 15(3):679–85, Mar 77
CASEIN, metabolism/ CULTURE MEDIA/ ELASTIN, metabolism/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC POINT/ MOLECULAR WEIGHT/ *PANCREATOPEPTIDASE, biosynthesis/ *PEPTIDE HYDROLASES, biosynthesis/ PSEUDOMONAS AERUGINOSA, classification/ *PSEUDOMONAS AERUGINOSA, enzymology/ PSEUDOMONAS AERUGINOSA, metabolism

6322. **Morihara K, Oka T:** alpha-Chymotrypsin as the catalyst for peptide synthesis. Biochem J 163(3):531–42, 1 Jun 77
AMINO ACIDS/ CATALYSIS/ *CHYMOTRYPSIN/ ESTERS/ *PEPTIDES, chemical synthesis

6323. **Morikawa M, Shimano N, Uete T:** [Studies of proteolytic enzymes in blood (II). Ultra-micromethod for measuring plasmin and plasminogen activity in plasma obtained from venous or cutaneous capillary blood (author's transl)] Jpn J Clin Pathol 24(11):917–20, 1976 **(Jpn)**
CAPILLARIES/ FEMALE/ *FIBRINOLYSIN, analysis/ HUMAN/ MICROCHEMISTRY, methods/ *PLASMINOGEN, analysis/ PREGNANCY/ VEINS

6324. **Morin CL, van Caillie M, Roy CC, et al:** Mucosal enterokinase activity in pancreatic insufficiency and celiac disease. Pediatrics 60(1):114–6, Jul 77
*CELIAC DISEASE, enzymology/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ CYSTIC FIBROSIS, enzymology/ *ENTEROPEPTIDASE, metabolism/ HUMAN/ INFANT/ *INTESTINAL MUCOSA, enzymology/ *PANCREATIC DISEASES, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ SUCRASE, metabolism

6325. **Morin-Coutu F, Bilodeau JL, Simpkins H:** Structural and compositional changes in rat liver ribosomes following partial hepatectomy. Lab Invest 37(3):307–13, Sep 77
ANIMAL/ CELL-FREE SYSTEM/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HEPATECTOMY/ *LIVER REGENERATION/ MALE/ PEPTIDE HYDROLASES, pharmacodynamics/ *POLYRIBOSOMES, analysis/ POLYRIBOSOMES, drug effects/ *POLYRIBOSOMES, metabolism/ PROTEINS, biosynthesis/ RATS/ RIBONUCLEASE, metabolism/ *RIBOSOMAL PROTEINS, analysis/ TRITONS, pharmacodynamics

6326. **Morisot P, Conard J, Vacher D, et al:** Etude systématique des troubles de l'hémostase au cours de vingt hépatectomies partielles. Anesth Analg (Paris) 34(1):123–30, Jan–Feb 77 **(Fre)**
ADOLESCENCE/ ADULT/ CHILD/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ *HEMOSTASIS/ *HEPATECTOMY, adverse effects/ HUMAN/ LIVER NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ PROTHROMBIN, analysis

6327. **Morita J, Narita S, Komano T:** Inactivation of infectivity of phiX174 DNA by menadione and reduced menadione. Biochim Biophys Acta 475(2):403–7, 18 Mar 77
*COLIPHAGES, metabolism/ *DNA REPLICATION, drug effects/ *DNA, VIRAL, metabolism/ ESCHERICHIA COLI, drug effects/ ESCHERICHIA COLI, metabolism/ KINETICS/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ SPHEROPLASTS, drug effects/ SPHEROPLASTS, metabolism/ VIRUS REPLICATION, drug effects/ *VITAMIN K, pharmacodynamics

6328. **Moritz VE:** Untersuchungenzum alloplastishen Trachealersatz Fortschr Med 95(3):173–6, 20 Jan 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ DOGS/ ENGLISH ABSTRACT/ FIBRIN/ POLYETHYLENE TEREPHTHALATE/ PROSTHESIS DESIGN/ *PROSTHESIS/ RABBITS/ SHEEP/ SILICONE ELASTOMERS/ TISSUE ADHESIVES/ *TRACHEA, surgery/ WOUND HEALING

6329. **Moriwaki C, Miyazaki K, Matsuda Y, et al:** Dog renal kallikrein: purification and some properties. J Biochem (Tokyo) 80(6):1277–85, Dec 76
AMINO ACIDS, analysis/ DOGS/ HEAT/ HYDROGEN-ION CONCENTRATION/ *KALLIKREIN/ KALLIKREIN, isolation &

purification/ KALLIKREIN, metabolism/ KALLIKREIN, urine/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *KIDNEY CORTEX, enzymology/ MOLECULAR WEIGHT/ PANCREAS, enzymology/ TRYPSIN INHIBITORS, pharmacodynamics

6330. **Moriwaki C, Fujimori H, Moriya H, et al:** Studies on kallikreins. IV. Enhancement of valine transport across the rat small intestine. Chem Pharm Bull (Tokyo) 25(6):1174–8, Jun 77
ANIMAL/ BRADYKININ, pharmacodynamics/ FEMALE/ IN VITRO/ *INTESTINAL ABSORPTION, drug effects/ INTESTINE, SMALL, drug effects/ INTESTINE, SMALL, metabolism/ *KALLIKREIN, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ *VALINE, metabolism

6331. **Mörl M:** Drogenikterus Fortschr Med 94(33):1934–6, 18 Nov 76 (Eng. Abstr.) **(Ger)**
ANTICOAGULANTS, adverse effects/ ANTICONVULSANTS, adverse effects/ CATHARTICS, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ *DRUG THERAPY, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HALOTHANE, adverse effects/ HUMAN/ HYPOGLYCEMIC AGENTS, adverse effects/ *JAUNDICE, chemically induced/ MALE/ TRANQUILIZING AGENTS, adverse effects

6332. **Morland J, Holm T, Prydz H:** The influence of ethanol feeding on the activities of factors II, VII, VIII, IX and X in rats. Thromb Haemostas 36(3):532–6, 31 Dec 76
*ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL/ *BLOOD COAGULATION FACTORS, analysis/ DIETARY FATS/ FACTOR IX, analysis/ FACTOR VIII, analysis/ FACTOR VII, analysis/ FACTOR X, analysis/ LIVER, metabolism/ MALE/ PROTHROMBIN, analysis/ RATS

6333. **Morley N, Kuksis A:** Lack of fatty acid specificity in the lipolysis of oligo and polyunsaturated triacylglycerols by milk lipoprotein lipase. Biochim Biophys Acta 487(2):332–42, 25 May 77
ANIMAL/ CATTLE/ COD LIVER OIL/ FATTY ACIDS, UNSATURATED, metabolism/ FEMALE/ *LIPOPROTEIN LIPASE, metabolism/ *MILK, enzymology/ *OILS, metabolism/ PEANUTS/ SEEDS/ SOY BEANS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRIGLYCERIDES, metabolism

6334. **Moroi M, Aoki N:** Isolation and characterization of alpha2-plasmin inhibitor from human plasma. A novel proteinase inhibitor which inhibits activator-induced clot lysis. J Biol Chem 251(19):5956–65, 10 Oct 76
AMINO ACIDS, analysis/ BLOOD COAGULATION/ *BLOOD PROTEINS/ BLOOD PROTEINS, isolation & purification/ BLOOD PROTEINS, physiology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *FIBRINOLYSIN, antagonists & inhibitors/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ KINETICS/ MOLECULAR WEIGHT/ PLASMINOGEN/ UROKINASE, metabolism

6335. **Moroi M, Aoki N:** On the interaction of alpha2-plasmin inhibitor and proteases. Evidence for the formation of a covalent crosslinkage and non-covalent weak bondings between the inhibitor and proteases.
Biochim Biophys Acta 482(2):412–20, 10 Jun 77
BINDING SITES/ *BLOOD PROTEINS/ BLOOD PROTEINS, isolation & purification/ BLOOD PROTEINS, pharmacodynamics/ *FIBRINOLYSIN/ FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ HYDRAZINES/ ISOFLUROPHATE/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PROTEIN BINDING/ TRYPSIN, metabolism

6336. **Moroi M, Aoki N:** Inhibition of plasminogen binding to fibrin by alpha2-plasmin inhibitor. Thromb Res 10(6):851–6, Jun 77
*ALPHA MACROGLOBULINS, pharmacodynamics/ ANIMAL/ *ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ BLOOD COAGULATION/ CATTLE/ *FIBRIN/ FIBRINOLYSIS, drug effects/ HUMAN/ *PLASMINOGEN/ *PROTEIN BINDING, drug effects

6337. **Morosoli R, Lafontaine JG:** Characterization of ribonucleoprotein particles from the protozoa Astasia longa. Biochim Biophys Acta 476(1):57–64, 3 May 77
CELL NUCLEOLUS/ HEPARIN/ MAGNESIUM/ MOLECULAR WEIGHT/ *NUCLEOPROTEINS, analysis/ NUCLEOTIDES, analysis/ PHOSPHATES, metabolism/ *PROTOZOA/ *RIBONUCLEOPROTEINS, analysis/ RIBONUCLEOPROTEINS, isolation & purification/ RNA, analysis/ RNA, metabolism/ RNA, RIBOSOMAL, analysis

6338. **Moroz LA, Gilmore NJ:** Fibrinolysis in normal plasma and blood: evidence for significant mechanisms independent of the plasminogen-plasmin system. Blood 48(4):531–45, Oct 76
AMINOCAPROIC ACIDS, pharmacodynamics/ COMPLEMENT, metabolism/ EDTA, pharmacodynamics/ EGTA, pharmacodynamics/ FACTOR XII, metabolism/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, deficiency/ *FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HUMAN/ ISOFLUROPHATE, pharmacodynamics/ PLASMINOGEN, deficiency/ *PLASMINOGEN, metabolism/ SERUM GLOBULINS, metabolism/ TIME FACTORS/ TOSYLARGININE METHYL ESTER, pharmacodynamics/ TRANEXAMIC ACID, pharmacodynamics/ UROKINASE, metabolism

6339. **Moroz LA, Gilmore NJ:** Mechanisms involved in enhancement of plasma fibrinolytic activity by chloroform. Blood 48(5):777–90, Nov 76
BLOOD COAGULATION/ CHLOROFORM, blood/ *CHLOROFORM, pharmacodynamics/ CHROMATOGRAPHY, GEL/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS, drug effects/ FRACTIONATION/ HUMAN/ PLASMINOGEN ACTIVATORS, blood/ PLASMINOGEN, deficiency/ STREPTOKINASE, blood

6340. **Moroz LA:** Increased blood fibrinolytic activity after aspirin ingestion. N Engl J Med 296(10):525–9, 10 Mar 77
ADMINISTRATION, ORAL/ ADULT/ ASPIRIN, administration & dosage/ ASPIRIN, blood/ *ASPIRIN, pharmacodynamics/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ IN VITRO/ MALE/ NEUTROPHILS, drug effects/ PLASMA, drug effects/ SODIUM SALICYLATE, pharmacodynamics

6341. **Moroz LA:** Inhibition of fibrinolytic activity of plasmin by suramin (antrypol) and trypan blue. Thromb Res 10(4):605–11, Apr 77
CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ *FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIN, metabolism/ HUMAN/ STREPTOKINASE/ *SURAMIN, pharmacodynamics/ *TRYPAN BLUE, pharmacodynamics/ UROKINASE

6342. **Moroz VN:** Pokazateli gemokoaguliatsii u bol'nykh revmatizmom pri probe s lokal'nym venoznym zastoem Vrach Delo (4):75–80, Apr 77 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ HEPARIN, blood/ HUMAN/ *RHEUMATIC HEART DISEASE, blood/ VEINS

6343. **Morris GK, Mitchell JR:** Warfarin sodium in prevention of deep venous thrombosis and pulmonary embolism in patients with fractured neck of femur. Lancet 2(7991):869–72, 23 Oct 76
AGED/ CLINICAL RESEARCH/ DRUG EVALUATION/ FEMALE/ *FEMORAL NECK FRACTURES, complications/ FEMORAL NECK FRACTURES, surgery/ FOLLOW-UP STUDIES/ HEMORRHAGE, occurrence/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSPECTIVE STUDIES/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, occurrence/ *PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, diagnosis/

THROMBOPHLEBITIS, occurrence/ *THROMBOPHLEBITIS, prevention & control/ WARFARIN, adverse effects/ *WARFARIN, therapeutic use

6344. **Morris GK, Mitchell JR:** Prevention and diagnosis of venous thrombosis in patients with hip fractures. A survey of current practice. Lancet 2(7991):867–9, 23 Oct 76
ADMINISTRATION, ORAL/ DEXTRAN, therapeutic use/ EVALUATION STUDIES/ *FEMORAL NECK FRACTURES, complications/ FEMORAL NECK FRACTURES, surgery/ *FRACTURES/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ *HIP, injuries/ HUMAN/ LEG, blood supply/ METHODS/ POSTOPERATIVE COMPLICATIONS, diagnosis/ *POSTOPERATIVE COMPLICATIONS, prevention & contro!/ QUESTIONNAIRES/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control

6345. **Morris GK, Mitchell JR:** Hip fractures up to date [letter]? Br Med J 1(6053):108, 8 Jan 77
ANTICOAGULANTS, therapeutic use/ *FRACTURES, surgery/ *HIP, injuries/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control

6346. **Morris GK, Mitchell JR:** Evaluation of 125I-fibrinogen test for venous thrombosis in patients with hip fractures: comparison between isotope scanning and necropsy findings. Br Med J 1(6056):264–6, 29 Jan 77
AUTOPSY/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FEMORAL VEIN/ *FIBRINOGEN, diagnostic use/ *FRACTURES, complications/ *HIP, injuries/ HUMAN/ *IODINE RADIOISOTOPES, diagnostic use/ RADIONUCLIDE IMAGING/ SAPHENOUS VEIN/ *THROMBOSIS, diagnosis/ THROMBOSIS, etiology

6347. **Morris GK, Mitchell JR:** Preventing venous thromboembolism in elderly patients with hip fractures: studies of low-dose heparin, dipyridamole, aspirin, and flurbiprofen. Br Med J 1(6060):535–7, 26 Feb 77
AGE FACTORS/ AGED/ *ASPIRIN, therapeutic use/ *DIPYRIDAMOLE, therapeutic use/ DRUG EVALUATION/ *FEMORAL NECK FRACTURES, complications/ *FLURBIPROFEN, therapeutic use/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ *PROPIONATES, therapeutic use/ PROSPECTIVE STUDIES/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

6348. **Morris GK, Mitchell JR:** The aetiology of acute pulmonary embolism and the identification of high risk groups. Br J Hosp Med 18(1):6–12, Jul 77
ACUTE DISEASE/ ADULT/ AGE FACTORS/ AGED/ BED REST/ BLOOD CIRCULATION/ BLOOD PLATELETS, physiology/ BLOOD VESSELS, physiopathology/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ NEOPLASMS, complications/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ PUERPERAL DISORDERS/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, physiopathology/ RISK/ THROMBOPHLEBITIS, complications/ WOUNDS AND INJURIES, complications

6349. **Morris JA, Cagan RH:** Enzymatic proteolysis of monellin. Absence of sweet peptides. J Agric Food Chem 24(5):1075–7, Sep–Oct 76
BERRIES/ BROMELAINS/ CHYMOTRYPSIN/ PEPTIDE FRAGMENTS/ *PLANT PROTEINS, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TASTE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6350. **Morris JA, Stevens AE, Sojka WJ:** Preliminary characterization of cell-free K99 antigen isolated from Escherichia coli B41. J Gen Microbiol 99(2):353–7, Apr 77
ACETYLGALACTOSAMINE/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, BACTERIAL, isolation & purification/ *ESCHERICHIA COLI, immunology/ HEMAGGLUTINATION TESTS/ PEPTIDE HYDROLASES

6351. **Morris JE:** Cell aggregation rate versus aggregate size. Dev Biol 54(2):288–96, Dec 76
ANIMAL/ *CELL AGGREGATION/ CELL AGGREGATION, drug effects/ CHICK EMBRYO/ CHONDROITIN SULFATES, pharmacodynamics/ CULTURE MEDIA/ RETINA/ TRYPSIN, pharmacodynamics

6352. **Morris WJ:** Compression treatment of hemangiomas: Commentary. Plast Reconstr Surg 58(6):714–5, Dec 76
HEMANGIOMA, classification/ *HEMANGIOMA, therapy/ HUMAN

6353. **Morrison ND, Stephenson CB, Maclean D, et al:** Deep vein thrombosis after femoropopliteal bypass grafting with observations on the incidence of complications following the use of dextran 70. NZ Med J 84(572):233–6, 22 Sep 76
*DEXTRAN, adverse effects/ DEXTRAN, therapeutic use/ FEMALE/ *FEMORAL ARTERY, surgery/ HEART FAILURE, CONGESTIVE, occurrence/ HEMORRHAGE, occurrence/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ *POPLITEAL ARTERY, surgery/ *POSTOPERATIVE COMPLICATIONS, occurrence/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, occurrence/ THROMBOPHLEBITIS, prevention & control

6354. **Morrison WA, O'Brien BM, MacLeod AM:** Evaluation of digital replantation--a review of 100 cases. Orthop Clin North Am 8(2):295–308, Apr 77
ADOLESCENCE/ ADULT/ AGED/ AMPUTATION, TRAUMATIC, physiopathology/ AMPUTATION, TRAUMATIC, surgery/ ANESTHESIA/ BLOOD CIRCULATION/ BLOOD/ CHILD/ CHILD, PRESCHOOL/ CRITICAL CARE/ EVALUATION STUDIES/ FEMALE/ FINGER INJURIES, physiopathology/ *FINGER INJURIES, surgery/ FOLLOW-UP STUDIES/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ *REIMPLANTATION/ REIMPLANTATION, history/ REIMPLANTATION, methods/ THROMBOPHLEBITIS, surgery

6355. **Morrissey JJ, Cupp LE, Weissbach H, et al:** Synthesis of ribosomal proteins L7L12 in relaxed and stringent strains of Escherichia coli. J Biol Chem 251(18):5516–21, 25 Sep 76
*ESCHERICHIA COLI, metabolism/ HISTIDINE, metabolism/ LEUCINE, metabolism/ MUTATION/ PEPTIDE FRAGMENTS, analysis/ PRECIPITIN TESTS/ *RIBOSOMAL PROTEINS, biosynthesis/ RIBOSOMES, metabolism/ SPECIES SPECIFICITY/ TRANSCRIPTION, GENETIC/ TRYPSIN

6356. **Morrissey JJ, Walker MN, Lovenberg W:** The absence of tryptophan hydroxylase activity in blood platelets. Proc Soc Exp Biol Med 154(4):496–9, Apr 77
ANIMAL/ *BLOOD PLATELETS, enzymology/ CORPUS STRIATUM, enzymology/ HUMAN/ *HYDROXYLASES, blood/ HYDROXYTRYPTOPHAN, biosynthesis/ MALE/ PARGYLINE, pharmacodynamics/ PINEAL BODY, enzymology/ PINEAL BODY, metabolism/ RATS/ SEROTONIN, biosynthesis/ TEGMENTUM MESENCEPHALI, enzymology/ *TRYPTOPHAN HYDROXYLASE, blood/ TRYPTOPHAN HYDROXYLASE, metabolism/ TRYPTOPHAN, blood

6357. **Mörsdorf K, Wolf G:** Zur Wirkungspotenz neuerer Antiphlogistika. Eine Verleichsuntersuchung Arzneim Forsch 27(3):531–3, 1977 (Eng. Abstr.) **(Ger)**
ANIMAL/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ BENZYLIDENE COMPOUNDS, therapeutic use/ CARRAGEENAN/ COMPARATIVE STUDY/ DICLOFENAC, therapeutic use/ *EDEMA, drug therapy/ EDEMA, enzymology/ ENGLISH ABSTRACT/ FENOPROFEN, therapeutic use/ IN VITRO/

INDENES, therapeutic use/ INDOMETHACIN, therapeutic use/ KETOPROFEN, therapeutic use/ NAPROXEN, therapeutic use/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENYLBUTAZONE, therapeutic use/ RATS

6358. **Mortensson W, Hallböök T, Lundström NR:** Percutaneous catheterization of the femoral vessels in children. II. Thrombotic occlusion of the catheterized artery: frequency and causes. Pediatr Radiol 4(1):1–9, 24 NOV 75
ADOLESCENCE/ AGE FACTORS/ *ARTERIAL OCCLUSIVE DISEASES, etiology/ *CATHETERIZATION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ *FEMORAL ARTERY/ FEMORAL ARTERY, injuries/ FEMORAL VEIN/ HEMATOCRIT/ HUMAN/ LEG, blood supply/ PLETHYSMOGRAPHY/ REGIONAL BLOOD FLOW/ *THROMBOSIS, etiology/ TIME FACTORS

6359. **Mortensson W:** Angiography of the femoral artery following percutaneous catheterization in infants and children. Acta Radiol [Diagn] (Stockh) 17(5A):581–93, Sep 76
ADOLESCENCE/ *ANGIOGRAPHY, adverse effects/ ARTERIAL OCCLUSIVE DISEASES, etiology/ *CATHETERIZATION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ EVALUATION STUDIES/ *FEMORAL ARTERY, radiography/ HEART CATHETERIZATION/ HUMAN/ ILIAC ARTERY, radiography/ INFANT/ THROMBOSIS, etiology

6360. **Morton DB:** Lysosomal enzymes in mammalian spermatozoa. Front Biol 45:203–55, 1976 (595 ref.)
ACETYLESTERASE, metabolism/ ACID PHOSPHATASE, metabolism/ *ACROSIN, metabolism/ ACROSOME, enzymology/ ACROSOME, ultrastructure/ ALKALINE PHOSPHATASE, metabolism/ AMIDOHYDROLASES, metabolism/ AMINOPEPTIDASES, metabolism/ ANIMAL/ ARYLSULFATASES, metabolism/ CONTRACEPTIVE AGENTS/ ENZYME PRECURSORS, metabolism/ ESTERASES, metabolism/ *FERTILIZATION/ GLYCOSIDE HYDROLASES, metabolism/ HYALURONIDASE, analysis/ *HYALURONIDASE, metabolism/ ISOENZYMES, metabolism/ LIPASE, metabolism/ MALE/ MURAMIDASE, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PHOSPHOLIPASE, metabolism/ PHOSPHOMONOESTERASES, metabolism/ REVIEW/ *SPERMATOZOA, enzymology/ SPERMATOZOA, ultrastructure

6361. **Mosbach K, Mattiasson B:** Multistep enzyme systems. Methods Enzymol 44:453–78, 1976
CITRATE SYNTHASE, metabolism/ *ENZYMES, IMMOBILIZED, metabolism/ GALACTOSIDASES, metabolism/ GLUCOSE OXIDASE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLUCOSIDASES, metabolism/ HEXOKINASE, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LACTATE DEHYDROGENASE, metabolism/ MACROMOLECULAR SYSTEMS/ MALATE DEHYDROGENASE, metabolism/ METHODS/ *MULTIENZYME COMPLEXES, metabolism/ SEPHAROSE/ TRYPSIN, metabolism

6362. **Moschos CB, Oldewurtel HA, Haider B, et al:** Effect of coronary thrombus age on fibrinogen uptake. Circulation 54(4):653–6, Oct76
ANIMAL/ *CORONARY DISEASE, blood/ DISEASE MODELS, ANIMAL/ DOGS/ *FIBRINOGEN, metabolism/ MALE/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6363. **Moser G, Froidevaux A:** Prophylaxie des thromboses veineuses profondes postopératoires par de petites doses d'héparine sous-cutanées, associées ou non au port de bas compressifs: étude comparative et résultats Praxis 65(33):1015–20, 17 Aug 76 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ BANDAGES/ COMPARATIVE STUDY/ ELASTICITY/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

6364. **Moser G, Pouret JP:** Infarctus veineux mésentérique. A propos de douze cas Ann Chir 31(2):157–61, Feb 77 (Eng. Abstr.) **(Fre)**
AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MESENTERIC VASCULAR OCCLUSION, etiology/ *MESENTERIC VASCULAR OCCLUSION, surgery/ MESENTERIC VEINS, surgery/ MIDDLE AGE/ THROMBOPHLEBITIS, surgery

6365. **Moser KM, Brach BB, Dolan GF:** Clinically suspected deep venous thrombosis of the lower extremities. A comparison of venography, impedance plethysmography, and radiolabeled fibrinogen. JAMA 237(20):2195–8, 16 May 77
COMPARATIVE STUDY/ FALSE NEGATIVE REACTIONS/ FALSE POSITIVE REACTIONS/ *FIBRINOGEN, diagnostic use/ HEPARIN, therapeutic use/ HUMAN/ IODINE RADIOISOTOPES/ *LEG, blood supply/ *PHLEBOGRAPHY, methods/ *PLETHYSMOGRAPHY, IMPEDANCE, instrumentation/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6366. **Moser KM:** Pulmonary embolism. Am Rev Respir Dis 115(5):829–52, May 77
ACUTE DISEASE/ DIAGNOSIS, DIFFERENTIAL/ HEPARIN, therapeutic use/ HUMAN/ LEG, blood supply/ PROGNOSIS/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, therapy/ PULMONARY EMPHYSEMA, diagnosis/ RADIONUCLIDE IMAGING/ RESPIRATION/ THROMBOPHLEBITIS, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6367. **Moserová J, Běhounková E, Koníčková Z:** Experimental enzymatic necrolysis and necrectomy in burns. Acta Chir Plast (Praha) 18(3):135–42, 1976
ANIMAL/ *BURNS, therapy/ CICATRIX/ *CLOSTRIDIOPEPTIDASE A, therapeutic use/ COMPARATIVE STUDY/ DEBRIDEMENT/ DRUG COMBINATIONS/ *PEPTIDE HYDROLASES, therapeutic use/ SWINE

6368. **Mosesson MW, Denninger MH, Ménaché D:** Hydrolysis of fibrinogen Paris I by plasmin. Thromb Res 9(2):115–21, Aug 76
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIN, metabolism/ HUMAN/ HYDROLYSIS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6369. **Mosher DF:** Labeling of a major fibroblast surface protein (fibronectin) catalyzed by blood coagulation factor XIIa. Biochim Biophys Acta 491(1):205–10, 28 Mar 77
BINDING SITES/ CELLS, CULTURED/ *FACTOR XIII/ FIBROBLASTS/ HUMAN/ MACROMOLECULAR SYSTEMS/ *MEMBRANE PROTEINS/ MOLECULAR WEIGHT/ PROTEIN BINDING/ SPECTROMETRY, FLUORESCENCE

6370. **Mosher DF, Fine DP, Moe JB, et al:** Studies of the coagulation and complement systems during experimental Rocky Mountain spotted fever in rhesus monkeys. J Infect Dis 135(6):985–9, Jun 77
ANIMAL/ BLOOD COAGULATION FACTORS/ *COMPLEMENT, metabolism/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRINOGEN, metabolism/ MONKEYS/ PROTHROMBIN, metabolism/ RHESUS MONKEYS/ RICKETTSIA RICKETTSII, pathogenicity/ *ROCKY MOUNTAIN SPOTTED FEVER, blood/ ROCKY MOUNTAIN SPOTTED FEVER, immunology/ ROCKY MOUNTAIN SPOTTED FEVER, mortality/ THROMBOPLASTIN, metabolism

6371. **Moshkin SA, Medvedev PM:** Dinamika formirovaniia

fibroblastopodobnykh kletok v monosloĭnoĭ kul'ture kadavernogo (posmertnogo) kostnogo mozga
Probl Gematol Pereliv Krovi 21(5):39–42, May 76 (Eng. Abstr.) **(Rus)**
AGED/ AUTOPSY/ BLOOD PRESERVATION/ *BONE MARROW CELLS, cytology/ CELL DIVISION/ CELL SURVIVAL/ CELLS, CULTURED/ ENGLISH ABSTRACT/ *FIBROBLASTS, cytology/ HUMAN/ MIDDLE AGE

6372. **Mosolov VV, Fedurkina NV, Valueva TA, et al:** Spirtorastvorimyĭ ingibitor tripsina iz fasoli
Prikl Biokhim Mikrobiol 12(1):37–44, Jan–Feb 76 (Eng. Abstr.) **(Rus)**
ALCOHOL, ETHYL/ CHEMISTRY/ CHROMATOGRAPHY, GEL/ CHYMOTRYPSIN, antagonists & inhibitors/ ENGLISH ABSTRACT/ *PLANTS, EDIBLE, analysis/ SOLUBILITY/ *TRYPSIN INHIBITORS, isolation & purification

6373. **Mosolov VV, Ievleva EV, Shaternikov VA, et al:** Ochistka pankreaticheskogo kallikreina metodom afinnoĭ khromatografii Prikl Biokhim Mikrobiol 12(4):572–7, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ CHROMATOGRAPHY, AFFINITY, methods/ ENGLISH ABSTRACT/ ISOELECTRIC FOCUSING/ KALLIKREIN, analysis/ *KALLIKREIN, isolation & purification/ OVOMUCIN, isolation & purification/ OVOMUCIN, pharmacodynamics/ *PANCREAS, enzymology/ TRYPSIN, analysis

6374. **Mostbeck A, Lofferer O, Partsch H:** Nuklearmedizinischer Nachweis von venösen Abflussstörungen im Bereich der Beine und des Beckens Acta Med Austriaca 3(4):120–5, 1976 (Eng. Abstr.) **(Ger)**
ADULT/ AGE FACTORS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *PELVIS, blood supply/ *PHLEBOGRAPHY, methods/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ *RADIOISOTOPES, diagnostic use/ RADIONUCLIDE IMAGING/ SEX FACTORS/ TECHNETIUM, diagnostic use/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, diagnosis

6375. **Mostbeck A:** Isotopendiagnostik der venösen Thrombose im Bein und Becken. Acta Med Austriaca® [Suppl] (3):222, 1976 **(Ger)**
HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ LEG/ PELVIS/ TECHNETIUM, diagnostic use/ *THROMBOPHLEBITIS, diagnosis

6376. **Mota FH, Sakihara GA, Scovino R, et al:** Incice immunopathológico de predicción de recaídas frecuentes en niños con nefrosis lipoidea
Bol Med Hosp Infant Mex 33(6):1377–84, Nov–Dec 76 (Eng. Abstr.) **(Spa)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ COMPLEMENT, analysis/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN, analysis/ HUMAN/ IMMUNOGLOBULINS, analysis/ INFANT/ MALE/ *NEPHROSIS, LIPOID, immunology/ RECURRENCE

6377. **Motamed M, Michal F, Born GV:** Increase in sialic acids removable by neuraminidase during the shape change of platelets. Biochem J 158(3):655–7, 15 Sep 76
ADENOSINE DIPHOSPHATE/ ANIMAL/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, metabolism/ CELL MEMBRANE, analysis/ HUMAN/ IN VITRO/ METHYSERGIDE/ NEURAMINIDASE, metabolism/ RABBITS/ SEROTONIN/ *SIALIC ACIDS, blood/ SIALIC ACIDS, metabolism

6378. **Motomiya T, Lindsay J, Patterson RH, et al:** Hemopericardium, anticoagulation, and an endocardial pacemaker. A case report with description of new auscultatory and radiographic signs. Jpn Heart J 17(6):784–90, Nov 76
CARDIAC TAMPONADE, radiography/ CASE REPORT/ *HEART AUSCULTATION/ *HEMOPERICARDIUM, chemically induced/ HEMOPERICARDIUM, diagnosis/ HEMOPERICARDIUM, radiography/ HUMAN/ MALE/ MIDDLE AGE/ *PACEMAKER, ARTIFICIAL/ *PERICARDIAL EFFUSION, chemically induced/ *WARFARIN, adverse effects

6379. **Motson RW, Way LW, Wong A:** The effect of solvent flow and solvent concentration on gallstone dissolution in vitro. J Surg Res 22(3):287–93, Mar 77
*BILE ACIDS AND SALTS/ CHEMISTRY/ *CHOLELITHIASIS, therapy/ CHOLIC ACIDS/ DEOXYCHOLIC ACID/ *HEPARIN/ HUMAN/ IN VITRO/ *PHOSPHATIDYLCHOLINES/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6380. **Moucharafieh BC, Wray RC Jr:** The effects of steroid instillations and hematomas on the pseudosheaths around miniature breast implants in rats. Plast Reconstr Surg 59(5):720–3, May 77
ANIMAL/ BREAST, drug effects/ *BREAST, surgery/ FEMALE/ *HEMATOMA, physiopathology/ *PROSTHESIS/ RATS/ SURGERY, PLASTIC, adverse effects/ *TRIAMCINOLONE, pharmacodynamics

6381. **Moulin G, David M, Bouchet B, et al:** Angiome veineux ostéo-hypoplasique géant avec retentissement hémodynamique et coagulopathie de consommation. Ann Dermatol Venereol 104(6–7):479–81, Jun–Jul 77 **(Fre)**
ANGIOGRAPHY/ *ARTERIOVENOUS MALFORMATIONS, complications/ ARTERIOVENOUS MALFORMATIONS, pathology/ *BONE DISEASES, etiology/ CASE REPORT/ CHILD/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *HEMANGIOMA, etiology/ *HEMODYNAMICS/ HUMAN/ MALE/ *THORACIC ARTERIES, abnormalities/ VARICOSE VEINS, etiology

6382. **Mousli S, Wakid NW:** Ammonia production during clot retraction and its use in assay of fibrinoligase. Clin Chem 23(9):1739–43, Sep 77
ADULT/ *AMMONIA, blood/ CALCIUM, pharmacodynamics/ CASEIN/ *CLOT RETRACTION/ *FACTOR XIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ KINETICS/ MALE/ METHODS/ THROMBIN, pharmacodynamics

6383. **Mousty JC, Juchmès-Ferir A, Damas J:** Activation de l'acide arachidonique. Arch Int Physiol Biochim 85(2):377–9, Apr 77 (Eng. Abstr.) **(Fre)**
ANIMAL/ *ARACHIDONIC ACIDS, blood/ ARACHIDONIC ACIDS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ INDOMETHACIN, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, biosynthesis/ RATS

6384. **Moutsopoulos H, Davis J, Fye KH:** Necrotizing vasculitis [letter]. Ann Intern Med 82(1):121–2, Jan 75
CASE REPORT/ GLOMERULONEPHRITIS, drug therapy/ *GLOMERULONEPHRITIS, etiology/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *OTITIS MEDIA, complications/ *PERIARTERITIS NODOSA, complications/ PERIARTERITIS NODOSA, drug therapy/ PREDNISONE, therapeutic use

6385. **Movat HZ, Minta JO, Saya MJ, et al:** Neutrophil generation of permeability enhancing peptides from plasma substrates. pp. 391–416.
In: Johansson SG, et al., ed. Molecular and biological aspects of the acute allergic reaction. New York, Plenum Press, 1976. W3 NO369 1976m. (34 ref.)
AMINOPEPTIDASES, pharmacodynamics/ ANIMAL/ ANTIGEN-ANTIBODY COMPLEX/ *CAPILLARY PERMEABILITY, drug effects/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ COMPLEMENT 3/ COMPLEMENT 5/ FEMALE/ GLUCURONIDASE, metabolism/ HUMAN/ KININOGENS/ KININS, metabolism/ LEUKOCYTES, enzymology/ LYSOSOMES, enzymology/ MONOGRAPH/ *NEUTROPHILS, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, pharmacodynamics/

PHAGOCYTOSIS/ REVIEW

6386. **Movat HZ, Habal FM, Macmorine DR:** Generation of a vasoactive peptide by a neutral protease of human neutrophil leukocytes. pp. 183–90.
In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.
ANIMAL/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, DISC/ ESTERS/ FEMALE/ GUINEA PIGS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ ISOELECTRIC POINT/ ISOMERISM/ KALLIKREIN, metabolism/ KININOGENS, isolation & purification/ MOLECULAR WEIGHT/ MONOGRAPH/ *NEUTROPHILS, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, biosynthesis/ RATS/ VASOACTIVE INTESTINAL PEPTIDE, biosynthesis

6387. **Movshovich BL, Naddachina TA:** Reparatsiia infarkta miokarda v kliniko-biokhimicheskom i morfologicheskom osveshchenii Kardiologiia 17(1):108–14, Jan 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ALPHA MACROGLOBULINS, analysis/ AMINOTRANSFERASES, blood/ ASPARAGINE/ CASE REPORT/ CREATINE KINASE, blood/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ FEMALE/ FIBRINOGEN, analysis/ HAPTOGLOBINS, analysis/ HUMAN/ HYDROXYPROLINE, metabolism/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ MUCOPROTEINS, blood/ MYOCARDIAL INFARCT, metabolism/ MYOCARDIAL INFARCT, pathology/ *MYOCARDIAL INFARCT, rehabilitation/ MYOCARDIUM, pathology/ WOUND HEALING

6388. **Moylan JA, Evenson MA:** Diagnosis and treatment of fat embolism. Annu Rev Med 28:85–90, 1977 (24 ref.)
ADRENAL CORTEX HORMONES, therapeutic use/ BLOOD COAGULATION DISORDERS/ ELECTROCARDIOGRAPHY/ *EMBOLISM, FAT, diagnosis/ EMBOLISM, FAT, physiopathology/ *EMBOLISM, FAT, therapy/ FATTY ACIDS, NONESTERIFIED, metabolism/ HUMAN/ LIPASE, blood/ LIPIDS, urine/ OXYGEN, blood/ OXYGEN, therapeutic use/ RESPIRATORY INSUFFICIENCY/ REVIEW/ WOUNDS AND INJURIES, complications

6389. **Mrachkovskaia MN:** Sostoianie svertyvaiushcheĭ sistemy krovi u bol'nykh nekotorymi dermatozami Vestn Dermatol Venerol (5):55–61, May 76 (79 ref.) **(Rus)**
AUTOIMMUNE DISEASES, blood/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION/ FACTOR V, analysis/ FACTOR VIII, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ PANNICULITIS, NODULAR NONSUPPURATIVE, blood/ PEMPHIGUS, blood/ PROTHROMBIN, analysis/ REVIEW/ *SKIN DISEASES, blood/ SKIN, blood supply/ URTICARIA, blood/ VASCULAR DISEASES, blood

6390. **Mriăk J, Mersten A, Bothová M:** Dlhodobé klinicko-röntgenologické sledovanie choréno s Paget-Schroetterovým syndrómom Vnitr Lek 23(3):265–8, Mar 77 (Eng. Abstr.) **(Slo)**
ADULT/ ARM, blood supply/ *AXILLARY VEIN/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ SYNDROME/ *THROMBOSIS, diagnosis/ THROMBOSIS, radiography

6391. **Mruk K, Szot W, Huszno B:** Zator tętnicy płucnej masami nowotworowymi Pol Tyg Lek 32(15):569–70, 11 Apr 77 (Eng. Abstr.) **(Pol)**
AGED/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEART NEOPLASMS, complications/ HUMAN/ NEOPLASM METASTASIS/ *PULMONARY EMBOLISM, etiology/ *THYROID NEOPLASMS, complications

6392. **Much T, Wüthrich B:** Erfahrungen mit dem Thrombozytopenietest in der spezifischen Diagnostik der Nahrungsmittel-Allergie Schweiz Med Wochenschr 107(8):267–71, 26 Feb 77 (Eng. Abstr.) **(Ger)**
ADULT/ ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ *BLOOD PLATELETS, immunology/ CASE REPORT/ ENGLISH ABSTRACT/ FALSE NEGATIVE REACTIONS/ FALSE POSITIVE REACTIONS/ FEMALE/ *FOOD HYPERSENSITIVITY, diagnosis/ FOOD HYPERSENSITIVITY, immunology/ HUMAN/ IGE, isolation & purification/ MIDDLE AGE/ PSORIASIS, immunology

6393. **Muckle TJ:** The 'post-heparin pattern' in routine serum protein immunoelectrophoresis. Am J Clin Pathol 67(5):450–4, May 77
*BLOOD PROTEIN ELECTROPHORESIS/ FATTY ACIDS, NONESTERIFIED, metabolism/ *HEPARIN, pharmacodynamics/ HUMAN/ IMMUNOELECTROPHORESIS/ *LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ PREALBUMIN, analysis/ SERUM ALBUMIN, analysis/ TIME FACTORS

6394. **Muehrcke RC, Volini FI, Morris AM, et al:** Acute toxic nephropathies: clinical pathologic correlations.
Ann Clin Lab Sci 6(6):477–513, Nov-Dec 76 (265 ref.)
ADULT/ ANAPHYLAXIS, chemically induced/ ANILINE COMPOUNDS, poisoning/ ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ *ANURIA, chemically induced/ CARBON TETRACHLORIDE POISONING, complications/ CASE REPORT/ CHLORATES, poisoning/ CRESOLS, poisoning/ DISINFECTANTS, poisoning/ DIURETICS, adverse effects/ ETHYLENE GLYCOLS, poisoning/ FEMALE/ GLOMERULONEPHRITIS, chemically induced/ HUMAN/ IMMUNE SERUMS, adverse effects/ INSECTICIDES, poisoning/ *KIDNEY FAILURE, ACUTE, chemically induced/ MALE/ MERCURY POISONING, complications/ METHOXYFLURANE, adverse effects/ MIDDLE AGE/ NEPHROTIC SYNDROME, chemically induced/ *OLIGURIA, chemically induced/ REVIEW/ SULFONAMIDES, adverse effects/ TERPENES, poisoning

6395. **Mueller EA, Griffin WS, Wildenthal K:** Isoproterenol-induced cardiomyopathy: changes in cardiac enzymes and protection by methylprednisolone.
J Mol Cell Cardiol 9(7):565–78, Jul 77
ANIMAL/ CATHEPSIN, metabolism/ *CREATINE KINASE, metabolism/ GLUCOSAMINIDASE, metabolism/ *HEART DISEASES, chemically induced/ HEART DISEASES, pathology/ *HYDROLASES, metabolism/ *ISOPROTERENOL, adverse effects/ MALE/ *METHYLPREDNISOLONE, pharmacodynamics/ *MYOCARDIUM, enzymology/ MYOCARDIUM, pathology/ PEPTIDE HYDROLASES, metabolism/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6396. **Mueller K, Oebbecke C, Förster G:** Capacity of ribosomal RNA promoters of E. coli to bind RNA polymerase.
Cell 10(1):121–30, Jan 77
*DNA, BACTERIAL, metabolism/ ESCHERICHIA COLI, enzymology/ *ESCHERICHIA COLI, metabolism/ HEPARIN, pharmacodynamics/ KINETICS/ *OPERON/ *RNA POLYMERASES, metabolism/ *RNA, BACTERIAL, biosynthesis/ *RNA, RIBOSOMAL, biosynthesis/ TRANSCRIPTION, GENETIC

6397. **Mueller-Eckhardt C:** Klinik, pathophysiologie und Therapie der idiopathischen thrombozytopenischen Purpura
Immun Infekt 4(6):267–75, Dec 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AUTOANTIBODIES/ BLOOD PLATELETS, physiology/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MEGAKARYOCYTES, physiology/ PROGNOSIS/ *PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA,

THROMBOPENIC, occurrence/ PURPURA, THROMBOPENIC, pathology/ PURPURA, THROMBOPENIC, physiopathology/ PURPURA, THROMBOPENIC, therapy/ SEX FACTORS/ SPLENECTOMY

6398. **Mueller-Eckhardt C:** Histokompatibilität und Thrombozytentransfusion Blut 34(4):261–70, Apr 77 **(Ger)**
ANEMIA, APLASTIC, therapy/ ANTIGENS/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION, methods/ HEMORRHAGIC DIATHESIS, therapy/ *HISTOCOMPATIBILITY/ HL-A/ HUMAN/ HYPERSENSITIVITY, diagnosis/ THROMBOPENIA, therapy/ TIME FACTORS

6399. **Mueller-Eckhardt C:** Idiopathic thrombocytopenic purpura (ITP): clinical and immunologic considerations. Semin Thromb Hemostas 3(3):125–59, Jan 77 (165 ref.)
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AUTOANTIBODIES, analysis/ BLOOD CELL COUNT/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, immunology/ BLOOD PLATELETS, physiology/ CELL SURVIVAL/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ COMPLEMENT FIXATION TESTS/ COOMBS' TEST/ ELECTROPHORESIS/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HEMAGGLUTINATION TESTS/ HEMATOPOIESIS/ HUMAN/ IMMUNITY, CELLULAR/ MALE/ PLATELET FACTOR 3, analysis/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, etiology/ *PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, occurrence/ REVIEW/ SPLEEN, immunology

6400. **Mueller-Eckhardt C, Mayser B, Heinrich D:** The problem of platelet autoantibodies. II. The applicability of the 14C-serotonin release test. Vox Sang 33(4):234–45, Oct 77
*AUTOANTIBODIES/ *BLOOD PLATELETS, immunology/ HL-A/ HUMAN/ IMMUNOLOGIC TECHNICS/ *SEROTONIN, secretion/ THROMBOPENIA, immunology

6401. **Mueller-Eckhardt C, Mersch-Baumert K:** The problem of platelet autoantibodies. I. Evaluation of the platelet factor 3 availability test for their detection. Vox Sang 33(4):221–33, Oct 77
*AUTOANTIBODIES/ AUTOANTIBODIES, analysis/ *BLOOD COAGULATION FACTORS/ *BLOOD PLATELETS, immunology/ COMPLEMENT FIXATION TESTS/ HL-A/ IMMUNOLOGIC TECHNICS/ *PLATELET FACTOR 3/ PURPURA, THROMBOPENIC, immunology/ THROMBOPENIA, immunology

6402. **Muhlrad A, Oplatka A, Lamed R:** Comparative studies on amino and thiol groups in myosins from different sources. Biochim Biophys Acta 452(1):227–38, 8 Nov 76
ADENOSINE TRIPHOSPHATASE, metabolism/ AMINES, analysis/ ANIMAL/ BLOOD PLATELETS, enzymology/ CALCIUM, pharmacodynamics/ CHICKENS/ ENZYME ACTIVATION, drug effects/ ETHYLMALEIMIDE, pharmacodynamics/ FISHES/ GIZZARD, enzymology/ HUMAN/ KINETICS/ MUSCLES, enzymology/ *MYOSIN/ MYOSIN, metabolism/ ORGAN SPECIFICITY/ POTASSIUM, pharmacodynamics/ RABBITS/ SPECIES SPECIFICITY/ SULFHYDRYL COMPOUNDS, analysis/ SULFHYDRYL REAGENTS, pharmacodynamics/ TRINITROBENZENESULFONIC ACID, pharmacodynamics

6403. **Muhlrad A, Oplatka A:** Phosphorylation of fibroblast myosin. FEBS Lett 77(1):37–40, 1 May 77
ACTOMYOSIN, isolation & purification/ ADENOSINE TRIPHOSPHATASE, metabolism/ BLOOD PLATELETS, enzymology/ CELL LINE/ FIBROBLASTS/ HUMAN/ MOLECULAR WEIGHT/ *MYOSIN, metabolism/ *PROTEIN KINASE, metabolism

6404. **Mui PT, Ganguly P:** Biochemical studies on a low molecular weight antiplasmin of human blood. Arch Biochem Biophys 179(1):166–73, Feb 77
AMINO ACIDS, analysis/ BLOOD PLATELETS, metabolism/ *FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ KINETICS/ MOLECULAR WEIGHT/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6405. **Mukerji K, Saxena KC, Ghatak S, et al:** Studies on human ascaris: purification of trypsin inhibitor. Indian J Med Res 64(11):1611–9, Nov 76
ANIMAL/ *ASCARIS, enzymology/ CHYMOTRYPSIN, antagonists & inhibitors/ *TRYPSIN INHIBITORS, isolation & purification

6406. **Mukhacheva IA, Byshevskii ASh:** Obrazovanie kompleksa protrombin-fosfatidilserin i Trombin-fosfatidilserin Biokhimiia 41(12):2130–5, Dec 76 (Eng. Abstr.) **(Rus)**
CHEMISTRY/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *PHOSPHATIDYLSERINES/ PROTEIN BINDING/ PROTEIN DENATURATION/ *PROTHROMBIN/ *THROMBIN

6407. **Mukherjea RN, Bhattacharya P, Ghosh BK, et al:** Process engineering studies on immobilized trypsin using molecular sieves as carriers. Biotechnol Bioeng 19(9):1259–68, Sep 77
COMPARATIVE STUDY/ *ENZYMES, IMMOBILIZED, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHODS/ *PAPAIN, metabolism/ *TRYPSIN, metabolism

6408. **Mukherjee BN, Das SK, Malhotra KC:** Serum protein and enzyme polymorphism in the Dhangars of Maharashtra. Indian J Med Res 64(8):1240–4, Aug 76
*ALKALINE PHOSPHATASE, blood/ *CERULOPLASMIN, analysis/ *ETHNIC GROUPS/ *HAPTOGLOBINS, analysis/ HUMAN/ INDIA/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *POLYMORPHISM (GENETICS)

6409. **Mulcare RJ, Royster TS, Phillips LL:** Intravascular coagulation in surgical procedures on the abdominal aorta. Surg Gynecol Obstet 143(5):730–4, Nov 76
AGED/ AORTA, ABDOMINAL/ *AORTIC ANEURYSM, surgery/ *AORTIC DISEASES, surgery/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD VESSEL PROSTHESIS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, blood/ PROSPECTIVE STUDIES/ PROTHROMBIN TIME/ THROMBOPLASTIN, analysis

6410. **Mulder DG, Kattus AA:** Electrocardiography for the surgeon. Adv Surg 10:1–22, 1976
ACTION POTENTIALS, drug effects/ ARRHYTHMIA, diagnosis/ ARRHYTHMIA, physiopathology/ CORONARY DISEASE, physiopathology/ *ELECTROCARDIOGRAPHY/ ELECTROCARDIOGRAPHY, methods/ HEART ATRIUM, physiopathology/ HEART BLOCK, physiopathology/ HEART CONDUCTION SYSTEM, physiopathology/ HEART ENLARGEMENT, diagnosis/ HEART ENLARGEMENT, physiopathology/ HEART RATE, drug effects/ HEART VENTRICLE, physiopathology/ HUMAN/ MYOCARDIAL CONTRACTION, drug effects/ MYOCARDIAL INFARCT, diagnosis/ PULMONARY EMBOLISM, physiopathology/ REFRACTORY PERIOD, NEUROLOGIC, drug effects/ *SURGERY, OPERATIVE/ WATER-ELECTROLYTE IMBALANCE, physiopathology

6411. **Mulkey TF:** Hemophilic pseudotumors of the mandible. J Oral Surg 35(7):561–8, Jul 77
ADOLESCENCE/ *BONE CYST, pathology/ CASE REPORT/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, diagnosis/ *HEMATOMA, pathology/ *HEMOPHILIA, complications/ HUMAN/ MALE/ MANDIBULAR DISEASES, diagnosis/ *MANDIBULAR DISEASES, etiology/ MANDIBULAR NEOPLASMS, diagnosis

6412. **Muller AD, van Doorm JM, Hemker HC:** Heparin-like

inhibitor of blood coagulation in normal newborn. Nature 267(5612):616–7, 16 Jun 77
BLOOD COAGULATION FACTORS, physiology/ *BLOOD COAGULATION/ *HEPARIN/ HUMAN/ *INFANT, NEWBORN/ VITAMIN K DEFICIENCY, blood

6413. **Müller C, Claudi B:** Die spontane intramurale Blutung in die Darmwand unter Antikoagulation Helv Chir Acta 43(5–6):579–85, Dec 76 **(Ger)**
ABDOMEN, ACUTE, diagnosis/ BLOOD COAGULATION DISORDERS, drug therapy/ DIAGNOSIS, DIFFERENTIAL/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ ILEUM, surgery/ INTESTINAL OBSTRUCTION, diagnosis/ JEJUNUM, surgery/ *PHENPROCOUMON, adverse effects/ *4-HYDROXYCOUMARINS, adverse effects

6414. **Müller C, Claudi B:** Die spontane intramurale Blutung in die Darmwand unter Antikoagulation Helv Chir Acta 43(5–6):579–85, Dec 76 **(Ger)**
AGED/ *ANTICOAGULANTS, adverse effects/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ MALE/ MIDDLE AGE/ PERITONITIS, diagnosis

6415. **Müller E, Wellauer J, Knovlauch M:** Das Abdomenleerbild bei Mesenterialinfarkt Schweiz Med Wochenschr 107(1):8–12, 8 Jan 77 (Eng. Abstr.) **(Ger)**
ABDOMEN, ACUTE, radiography/ AGED/ COMPARATIVE STUDY/ EMBOLISM, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INTESTINE, SMALL, radiography/ *MESENTERIC ARTERIES, radiography/ MESENTERIC VASCULAR OCCLUSION, etiology/ *MESENTERIC VASCULAR OCCLUSION, radiography/ MESENTERIC VEINS/ MIDDLE AGE/ PHLEBITIS, complications/ THROMBOSIS, complications

6416. **Müller F, Sajtos L:** Clinical and laboratory observations on trioxazine treatment of delirious and other psychiatric diseases. Ther Hung 25(2):69–74, 1977
ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ *DELIRIUM TREMENS, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ *MORPHOLINES, therapeutic use/ PROTHROMBIN, analysis/ *PSYCHOMOTOR DISORDERS, drug therapy/ PSYCHOMOTOR DISORDERS, metabolism/ *PSYCHOSES, ALCOHOLIC, drug therapy/ *TRANQUILIZING AGENTS, MINOR, therapeutic use

6417. **Müller FE:** 50. Probleme der Intensivtherapie Schwerverbrannter Langenbecks Arch Chir 342:375–81, 15 Nov 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION DISORDERS, etiology/ BRONCHOPNEUMONIA, etiology/ BURNS, complications/ BURNS, mortality/ BURNS, surgery/ *BURNS, therapy/ BURNS, INHALATION, complications/ CHILD/ CHILD, PRESCHOOL/ *CRITICAL CARE/ DEBRIDEMENT/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, WEST/ HUMAN/ MALE/ MIDDLE AGE/ SHOCK, TRAUMATIC, etiology/ WOUND INFECTION, etiology

6418. **Müller G:** Die physikalische Therapie bei Venenerkrankungen ZFA [Dresden] 31(4):379–81, 1976 **(Ger)**
ELECTROTHERAPY, methods/ HUMAN/ LEG ULCER, therapy/ LEG, blood supply/ *PHYSICAL THERAPY, methods/ THROMBOPHLEBITIS, therapy/ VARICOSE VEINS, therapy/ *VASCULAR DISEASES, therapy/ VEINS

6419. **Müller JH, Waigand J:** Die Bedeutung der Phlebographie für die Diagnostik der Venenerkrankungen ZFA [Dresden] 31(4):339–42, 1976 **(Ger)**
ACUTE DISEASE/ AGED/ HUMAN/ LEG, blood supply/ *PHLEBOGRAPHY, methods/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography/ VARICOSE VEINS, radiography/ *VASCULAR DISEASES, radiography/ VEINS/ VENOUS INSUFFICIENCY, radiography

6420. **Müller JH:** Phlebographische Untersuchungen vor und nach gefäbetaplastischen Eingriffen an den tiefen Becken-Oberschenkelvenen. Zentralbl Chir 102(8):467–75, 1977 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ FEMORAL VEIN, surgery/ HUMAN/ *PELVIS, blood supply/ *PHLEBOGRAPHY, methods/ *POSTOPERATIVE COMPLICATIONS, radiography/ PREOPERATIVE CARE/ THROMBOPHLEBITIS, radiography/ VARICOSE VEINS, surgery/ VENA CAVA, INFERIOR, surgery

6421. **Müller KM, Scheele K:** Thrombocytenmorphologie und körperliche Belastung Klin Wochenschr 55(7):323–7, 1 Apr 77 (Eng. Abstr.) **(Ger)**
ADULT/ *BLOOD PLATELETS/ ENGLISH ABSTRACT/ *EXERTION/ HUMAN/ MIDDLE AGE/ PHYSICAL FITNESS/ PLATELET AGGREGATION

6422. **Müller KM, Blaeser B:** Complicazioni tromboemboliche mortali dopo cateterismo venoso centrale. Minerva Anestesiol 43(4):257–62, Apr 77 (Eng. Abstr.) **(Ita)**
ADOLESCENCE/ ADULT/ AGED/ *CATHETERIZATION, adverse effects/ *CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INNOMINATE ARTERY/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, etiology/ SUBCLAVIAN VEIN/ *THROMBOEMBOLISM, etiology/ VENA CAVA, SUPERIOR

6423. **Muller M, Rosenberg H:** Varicotrombósis de las extremidades inferiores: experiencia en 334 pacientes Rev Med Chil 104(10):718–21, Oct 76 (Eng. Abstr.) **(Spa)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, surgery/ *VARICOSE VEINS, complications/ VARICOSE VEINS, surgery

6424. **Müller MV, Rosenberg HG:** Varikophlebitis der unteren Gliedmassen und deren Behandlung Vasa 5(4):342–5, 1976 (Eng. Abstr.) **(Ger)**
AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ *PHLEBITIS, etiology/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, surgery/ *VARICOSE VEINS, complications

6425. **Müller U, Kulinna J, Lüber J, et al:** In vivo study of platelet kinetics by 75Se-methionine in different haematological disorders. Blut 34(1):31–8, Jan 77
ADULT/ AGED/ ANEMIA, APLASTIC, blood/ *BLOOD PLATELETS, physiology/ FEMALE/ *HEMATOLOGIC DISEASES, blood/ HUMAN/ LEUKEMIA, LYMPHOCYTIC, blood/ LYMPHOSARCOMA, blood/ MALE/ METHIONINE/ MIDDLE AGE/ MULTIPLE MYELOMA, blood/ MYELOPROLIFERATIVE DISORDERS, blood/ RADIOISOTOPES/ SELENIUM/ TIME FACTORS

6426. **Müller UR, Marchin GL:** Analysis of the structure of T4 bacteriophage-modified valyl-tRNA synthetase by limited proteolysis and isoelectric focusing. J Biol Chem 252(19):6646–50, 10 Oct 77
AMINO ACID ACTIVATION, drug effects/ *AMINO ACYL T RNA SYNTHETASES, metabolism/ *COLIPHAGES, metabolism/ *ESCHERICHIA COLI, enzymology/ ISOELECTRIC FOCUSING/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREA, pharmacodynamics/ *VALYL T RNA SYNTHETASE, metabolism/ *VIRAL PROTEINS, metabolism

6427. **Müller WE, Müller I, Zahn RK, et al:** Species-specific aggregation factor in sponges. VI. Aggregation receptor from the cell surface. J Cell Sci 21(2):227–41, Jul 76
ANIMAL/ CALCIUM, pharmacodynamics/ *CELL AGGREGATION/ *CELL MEMBRANE, metabolism/ HEAT/ KINETICS/ MOLECULAR WEIGHT/ PERIODIC ACIDS, pharmacodynamics/ *PORIFERA, cytology/ PORIFERA, metabolism/ *RECEPTORS, DRUG, isolation & purification/ SPECIES SPECIFICITY/ TRYPSIN, pharmacodynamics

6428. **Muller WH:** Een patiënt die een ernstige thalliumintoxicatie overleefde. Ned Tijdschr Geneeskd 121(22):901–3, 28 May 77 (Eng. Abstr.) **(Dut)**
ADULT/ CASE REPORT/ CATHARTICS, therapeutic use/ ENGLISH ABSTRACT/ FECES, analysis/ *FERROCYANIDES, therapeutic use/ FUROSEMIDE, therapeutic use/ HUMAN/ MALE/ THALLIUM, analysis/ *THALLIUM, poisoning/ THALLIUM, urine/ VITAMIN K, therapeutic use

6429. **Müller-Berghaus G:** Beziehungen zwischen Komplement und Blutgerinnung. Klin Wochenschr 55(14):663–72, 15 Jul 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ ANTIGEN-ANTIBODY COMPLEX/ BASOPHILS/ *BLOOD COAGULATION/ BLOOD PLATELETS/ COMPLEMENT 3/ COMPLEMENT 6/ *COMPLEMENT/ ENDOTOXINS/ ENGLISH ABSTRACT/ HUMAN/ PLATELET AGGREGATION/ PLATELET FACTOR 3

6430. **Müller-Berghaus G, Bohn E, Kramer W:** Die Bedeutung der Thrombocyten und Leukocyten für die Auslösung der intravaskulären Gerinnung durch Endotoxin.
Verh Dtsch Ges Inn Med 82 Pt 2:1635–8, 1976 **(Ger)**
ANIMAL/ *BLOOD PLATELETS, physiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ENDOTOXINS, adverse effects/ *LEUKOCYTES, physiology/ RABBITS/ SHWARTZMAN PHENOMENON, etiology

6431. **Müller-Wieland K:** Die Behandlung der akuten Pankreatitis Dtsch Med Wochenschr 101(47):1729–31, 19 Nov 76 **(Ger)**
ACUTE DISEASE/ ANTIBIOTICS, therapeutic use/ FASTING/ GLUCAGON, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MEPERIDINE, therapeutic use/ PAIN/ PANCREATITIS, surgery/ *PANCREATITIS, therapy/ PENTAZOCINE, therapeutic use/ PLASMA SUBSTITUTES, therapeutic use

6432. **Müllertz S, Clemmensen I:** The primary inhibitor of plasmin in human plasma. Biochem J 159(3):545–53, 1 Dec 76
ANTIBODIES, analysis/ CHROMATOGRAPHY, GEL/ ENZYME INHIBITORS, blood/ *FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ MOLECULAR WEIGHT/ UROKINASE

6433. **Mullick FG, Drake RM, Irey NS:** Morphologic changes in adverse drug reactions in infants and children.
Hum Pathol 8(4):361–78, Jul 77
ADOLESCENCE/ BONE MARROW CELLS, drug effects/ BRAIN EDEMA, chemically induced/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ *DRUG THERAPY, adverse effects/ FATTY LIVER, chemically induced/ FEMALE/ GINGIVAL HYPERPLASIA, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ HYPERPLASIA/ INFANT/ INFANT, NEWBORN/ INFARCTION, chemically induced/ INFLAMMATION, chemically induced/ KIDNEY, drug effects/ LIVER, drug effects/ LUNG, drug effects/ MALE/ MYOCARDIUM, pathology/ NECROSIS/ OPTIC ATROPHY, chemically induced/ PULMONARY EDEMA, chemically induced/ RETINA, drug effects/ SKIN, drug effects/ THROMBOSIS, chemically induced/ THYROID GLAND, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6434. **Mullins GM, Greally JF, O'Toole M, et al:** Bone marrow transplantation in aplastic anaemia. Ir J Med Sci 145(5):156–62, May 76
ADOLESCENCE/ ANEMIA, APLASTIC, blood/ *ANEMIA, APLASTIC, therapy/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ *BONE MARROW CELLS, transplantation/ CASE REPORT/ FEMALE/ GENOTYPE/ GRAFT VS HOST REACTION/ HL-A, analysis/ HUMAN/ LEUKOCYTE CULTURE TEST, MIXED/ MALE/ SEX CHROMOSOMES/ TRANSPLANTATION, ALLOGENEIC

6435. **Mundy GR, Raisz LG, Shapiro JL, et al:** Big and little forms of osteoclast activating factor. J Clin Invest 60(1):122–8, Jul 77
ANIMAL/ BIOLOGICAL ASSAY/ *BLOOD PROTEINS, isolation & purification/ BLOOD PROTEINS, pharmacodynamics/ BONE AND BONES, drug effects/ BONE AND BONES, embryology/ *BONE RESORPTION/ FEMALE/ HUMAN/ LEUKOCYTES, analysis/ *LEUKOCYTES, metabolism/ MOLECULAR WEIGHT/ *OSTEOCLASTS/ PAPAIN/ PREGNANCY/ RATS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6436. **Mungas JE, Baker WH:** Amaurosis fugax. Stroke 8(2):232–5, Mar-Apr 77
ANGIOGRAPHY/ ARTERIAL OCCLUSIVE DISEASES, surgery/ *BLINDNESS, etiology/ *CAROTID ARTERY DISEASES, complications/ CAROTID ARTERY DISEASES, surgery/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CEREBROVASCULAR DISORDERS, etiology/ DOPPLER EFFECT/ ENDARTERECTOMY/ HEMATOMA, surgery/ HUMAN/ HYPOGLOSSAL NERVE/ PARALYSIS, etiology/ REGIONAL BLOOD FLOW/ RETINAL ARTERY/ ULCER, surgery/ VOCAL CORD PARALYSIS, etiology

6437. **Munir M, Husada T, Rampengan TH, et al:** Heparin in the treatment of cerebral malaria (a preliminary report).
Paediatr Indones 16(11–12):489–95, Nov-Dec 76
*HEPARIN, therapeutic use/ HUMAN/ *MALARIA, drug therapy/ PLASMODIUM FALCIPARUM

6438. **Munns TW, Olson RE:** Vitamin K – dependent synthesis and modification of precursor prothrombin in cultured liver cells. p. 401.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
CELL LINE/ LIVER, drug effects/ *LIVER, metabolism/ MONOGRAPH/ *PROTHROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, pharmacodynamics

6439. **Munro PA, Dunnill P, Lilly MD:** Nonporous magnetic materials as enzyme supports: studies with immobilized chymotrypsin. Biotechnol Bioeng 19(1):101–24, Jan 77
*CHYMOTRYPSIN, metabolism/ EDTA/ *ENZYMES, IMMOBILIZED, metabolism/ FERROUS COMPOUNDS/ HYDROGEN-ION CONCENTRATION/ MAGNETICS/ METHODS/ NICKEL/ SERUM ALBUMIN, BOVINE

6440. **Muntean W, Grubbauer HM:** Disseminierte intravasale Gerinnung beim Reye-Syndrom
Wien Klin Wochenschr 89(2):58–61, 21 Jan 77 (Eng. Abstr.) **(Ger)**
CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ *REYE'S SYNDROME, complications/ REYE'S SYNDROME, diagnosis/ REYE'S SYNDROME, etiology

6441. **Muntz RH, Castaldi PA:** Use of rabbit antisera in the preparation of factor-XII-free platelet-rich and platelet-poor plasma. Haemostasis 6(1):35–40, 1977
ANIMAL/ ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD PLATELETS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR XII,

analysis/ FACTOR XII, immunology/ HUMAN/ PLASMA/ RABBITS

6442. **Murano G, Walz D, Williams L, et al:** Primary structure of the amino terminal regions of chicken fibrin chains. Thromb Res 11(1):1-10, Jul 77
AMINO ACID SEQUENCE/ ANIMAL/ CHEMISTRY/ CHICKENS/ CHROMATOGRAPHY, PAPER/ *FIBRIN/ *FIBRINOGEN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6443. **Murata F, Momose Y, Nagata T:** Demonstration of intracytoplasmic glycogen of megakaryocytes and blood platelets by means of the periodic acid-thiocarbohydrazide-silver proteinate method. Histochemistry 52(4):307-16, 24 Jun 77
ANIMAL/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, ultrastructure/ FEMALE/ *GLYCOGEN, analysis/ GLYCOGEN, blood/ HISTOCYTOCHEMISTRY/ MALE/ *MEGAKARYOCYTES, analysis/ MEGAKARYOCYTES, ultrastructure/ MICROSCOPY, ELECTRON/ RABBITS/ STAINS AND STAINING

6444. **Murata T:** Theory of non-Newtonian viscosity of blood at low shear rate--effect of rouleaux. Biorheology 13(5):287-96, Nov 76
BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ *ERYTHROCYTE AGGREGATION/ MATHEMATICS/ MODELS, BIOLOGICAL/ *RHEOLOGY

6445. **Murdoch JM, Smith CC:** Infection. Clin Haematol 1(3):619-44, Oct 72 (86 ref.)
ANEMIA, complications/ ANEMIA, HEMOLYTIC, complications/ ANEMIA, HYPOCHROMIC, complications/ BACTERIAL INFECTIONS, complications/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ EOSINOPHILS, immunology/ HUMAN/ *INFECTION, complications/ IRON, metabolism/ LEUKEMOID REACTION, complications/ LEUKOCYTOSIS, complications/ LYMPHOCYTES, immunology/ MONOCYTES, immunology/ MYCOSES, complications/ NEUTROPHILS, microbiology/ PROTOZOAN INFECTIONS, complications/ REVIEW/ SEPTICEMIA, complications/ SPIROCHETE INFECTIONS, complications/ VIRUS DISEASES, complications

6446. **Mürer EH, Davenport K, Rausch MA, et al:** Metabolic aspects of the secretion of stored compounds from blood platelets. V. Effect of ionophore A23187 on washed platelets. Biochim Biophys Acta 451(1):1-19, 18 Nov 76
*A-23187, pharmacodynamics/ *ADENINE, blood/ ADENOSINE DIPHOSPHATE, blood/ ADENOSINE MONOPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ *ANTIBIOTICS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, secretion/ HUMAN/ INDOMETHACIN, pharmacodynamics/ INOSINE NUCLEOTIDES, blood/ *INOSINE, blood/ KINETICS/ *SEROTONIN, blood/ SEROTONIN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6447. **Muroff LR, Johnson PM:** Right atrial myxoma presenting as nonresolving pulmonary emboli: case report. J Nucl Med 17(10):890-2, Oct 76
CASE REPORT/ FEMALE/ HEART ATRIUM/ HEART NEOPLASMS, complications/ *HEART NEOPLASMS, diagnosis/ HUMAN/ MIDDLE AGE/ *MYOMA, diagnosis/ MYXOMA, complications/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, etiology

6448. **Murphy D, Imrie CW, Davidson JF:** Haematological abnormalities in acute pancreatitis. A prospective study. Postgrad Med J 53(620):310-4, Jun 77
ACUTE DISEASE/ ADULT/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ HUMAN/ MALE/ PANCREATITIS, blood/ *PANCREATITIS, complications/ PROSPECTIVE STUDIES

6449. **Murphy DL, Donnelly CH, Miller L, et al:** Platelet monamine oxidase in chronic schizophrenia. Some enzyme characteristics relevant to reduced activity. Arch Gen Psychiatry 33(11):1377-81, Nov 76
ADULT/ BENZYLAMINES/ *BLOOD PLATELETS, enzymology/ CHRONIC DISEASE/ COMPARATIVE STUDY/ CYTOCHROME REDUCTASES, blood/ FEMALE/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MALE/ *MONOAMINE OXIDASE, blood/ SCHIZOPHRENIA, blood/ SCHIZOPHRENIA, drug therapy/ *SCHIZOPHRENIA, enzymology/ SUCCINATE DEHYDROGENASE, blood/ TRANQUILIZING AGENTS, therapeutic use/ TRYPTAMINES/ TYRAMINE

6450. **Murphy DL, Brand E, Goldman T, et al:** Platelet and plasma amine oxidase inhibition and urinary amine excretion changes during phenelzine treatment. J Nerv Ment Dis 164(2):129-34, Feb 77
*BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ *CATECHOLAMINES, urine/ DEPRESSION, drug therapy/ *ENZYME REPRESSION/ EPINEPHRINE, urine/ HUMAN/ MANDELIC ACIDS, urine/ METANEPHRINE, urine/ METHOXYHYDROXYPHENYLGLYCOL, urine/ MONOAMINE OXIDASE, blood/ *MONOAMINE OXIDASE, metabolism/ NOREPINEPHRINE, urine/ NORMETANEPHRINE, urine/ *PHENELZINE, therapeutic use/ *PLASMA, enzymology/ SEROTONIN, blood/ TIME FACTORS/ TRYPTAMINES, urine

6451. **Murphy DL, Belmaker R, Carpenter WT, et al:** Monoamine oxidase in chronic schizophrenia: Studies of hormonal and other factors affecting enzyme activity. Br J Psychiatry 130:151-8, Feb 77
BENZYLAMINES/ *BLOOD PLATELETS, analysis/ CHRONIC DISEASE/ CLINICAL RESEARCH/ FEMALE/ HUMAN/ IRON, blood/ MALE/ METHODS/ *MONOAMINE OXIDASE, blood/ *SCHIZOPHRENIA, enzymology/ TESTOSTERONE, blood/ TRIIODOTHYRONINE, blood

6452. **Murphy DL, Belmaker RH, Buchsbaum M, et al:** Biogenic amine-related enzymes and personality variations in normals. Psychol Med 7(1):149-57, Feb 77
ADOLESCENCE/ ADULT/ AROUSAL/ *BLOOD PLATELETS, enzymology/ DOPAMINE BETA-HYDROXYLASE, blood/ FEMALE/ HUMAN/ MALE/ *MONOAMINE OXIDASE, blood/ MMPI/ *PERSONALITY/ PLASMA, enzymology/ SEX FACTORS

6453. **Murphy S, LoBuglio AF:** Drug therapy of autoimmune hemolytic anemia. Semin Hematol 13(4):323-34, Oct 76
ADRENAL CORTEX HORMONES, therapeutic use/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, therapy/ CYCLOPHOSPHAMIDE, therapeutic use/ DRUG ADMINISTRATION SCHEDULE/ HEMOGLOBINURIA, PAROXYSMAL, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ MERCAPTOPURINE, therapeutic use/ PROGNOSIS/ SPLENECTOMY/ THYMECTOMY

6454. **Murray AW, Froscio M:** Induction of ornithine decarboxylase activity in epidermis by a tumor promoter: decreased response in mice maintained on a vitamin B6-deficient diet. Biochem Biophys Res Commun 77(2):693-9, 25 Jul 77
ANIMAL/ *CARBOXY-LYASES, biosynthesis/ ENZYME INDUCTION, drug effects/ FEMALE/ KINETICS/ MICE/ *ORNITHINE DECARBOXYLASE, biosynthesis/ *PHORBOLS, pharmacodynamics/ PYRIDOXAL PHOSPHATE, pharmacodynamics/ *PYRIDOXINE DEFICIENCY, enzymology/ PYRIDOXINE, pharmacodynamics/ SKIN, drug effects/ *SKIN, enzymology/ *TETRADECANOYLPHORBOL ACETATE, pharmacodynamics/ TRYPSIN, pharmacodynamics

6455. **Murray HW, Tuazon CU, Sheagren JN:** Staphylococcal septicemia and disseminated intravascular coagulation. Staphylococcus aureus endocarditis mimicking meningococcemia. Arch Intern Med 137(7):844–7, Jul 77
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *ENDOCARDITIS, BACTERIAL, complications/ HUMAN/ MALE/ *MENINGITIS, MENINGOCOCCIC, complications/ MENINGOCOCCAL INFECTIONS, diagnosis/ *SEPTICEMIA, complications/ SEPTICEMIA, diagnosis/ *STAPHYLOCOCCAL INFECTIONS, complications/ STAPHYLOCOCCAL INFECTIONS, diagnosis/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6456. **Murray JM, Harris RE:** The management of the pregnant patient with idiopathic thrombocytopenic purpura. Am J Obstet Gynecol 126(4):449–51, 15 Oct 76
ADULT/ CASE REPORT/ *CESAREAN SECTION/ FEMALE/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES/ MATERNAL-FETAL EXCHANGE/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, surgery/ PREGNANCY/ PURPURA, THROMBOPENIC, immunology/ *PURPURA, THROMBOPENIC, surgery/ SPLENECTOMY

6457. **Murrell KD, Vannier WE, Minard P, et al:** Schistosoma mansoni: extraction and partial characterization of membrane antigens using an assay based on competitive inhibition of human antibodies binding to schistosomules. Exp Parasitol 41(2):446–63, Apr 77
ANIMAL/ ANTIBODIES/ *ANTIGENS, analysis/ ABO BLOOD-GROUP SYSTEM/ CELL MEMBRANE, immunology/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ CROSS REACTIONS/ DETERGENTS, pharmacodynamics/ ELECTROPHORESIS, AGAR GEL/ FLUORESCENT ANTIBODY TECHNIC/ FRACTIONATION/ GLUCOSIDASES, metabolism/ HUMAN/ LARVA, immunology/ PEPTIDE HYDROLASES, metabolism/ RADIOIMMUNOASSAY/ *SCHISTOSOMA MANSONI, immunology/ SOLUBILITY/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6458. **Murri L, Bonucelli U, Arena R:** Reperti EEG nell'emofilia Riv Neurol 47(2):117–21, Mar-Apr 77 **(Ita)**
ADOLESCENCE/ ADULT/ BRAIN DISEASES, diagnosis/ BRAIN DISEASES, physiopathology/ *BRAIN, physiopathology/ CHILD/ CHILD, PRESCHOOL/ ELECTROENCEPHALOGRAPHY/ HEMOPHILIA, complications/ *HEMOPHILIA, physiopathology/ HUMAN/ MIDDLE AGE

6459. **Musialkivs'ka AO, Pozdniakova TM, Platonova TM, et al:** Kil'kisne viznachennia protektornoi aktivnosti triptichnikh gidrolizativ fibrinogenu. Ukr Biokhim Zh 49(4):118–23, Jul-Aug 77 (Eng. Abstr.) **(Ukr)**
ANIMAL/ BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ *FIBRIN, metabolism/ *FIBRINOGEN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ OSMOLAR CONCENTRATION/ PEPTIDE FRAGMENTS, pharmacodynamics/ TIME FACTORS/ TRYPSIN

6460. **Musialkivs'ka AO, Platonova TM, Radavs'kiĭ IuL:** Biologichno aktivni niz'komolekuliarni fragmenti molekuli fibrinogenu. Ukr Biokhim Zh 49(3):89–93, May-Jun 77 (Eng. Abstr.) **(Ukr)**
ENGLISH ABSTRACT/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRIN, metabolism/ HYDROLYSIS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, metabolism/ TRYPSIN

6461. **Musson RA, Becker EL:** The role of an activatable esterase in immune-dependent phagocytosis by human neutrophils. J Immunol 118(4):1354–65, Apr 77
ACETYLCHOLINESTERASE, antagonists & inhibitors/ CELL ADHESION/ CHYMOTRYPSIN, antagonists & inhibitors/ ERYTHROCYTES, immunology/ ESTERASES, antagonists & inhibitors/ *ESTERASES, physiology/ FLUORIDES, pharmacodynamics/ HUMAN/ IN VITRO/ ISOFLUROPHATE, analogs & derivatives/ ISOFLUROPHATE, pharmacodynamics/ NEUTROPHILS, enzymology/ *NEUTROPHILS, immunology/ ORGANOPHOSPHORUS COMPOUNDS, pharmacodynamics/ *PHAGOCYTOSIS/ PHAGOCYTOSIS, drug effects/ TRYPSIN INHIBITORS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6462. **Mustard JF:** Diet and platelet function [letter]. Lancet 2(7998):1307, 11 Dec 76
BLOOD PLATELETS, drug effects/ *DIETARY FATS/ *FATS, UNSATURATED, pharmacodynamics

6463. **Musumeci V, Landolfi R, Bizzi B:** Amidolytic assay of thrombin bound to alpha2-macroglobulin in plasma. Haemostasis 6(2):98–109, 1977
*ALPHA MACROGLOBULINS, metabolism/ *ANILINE COMPOUNDS, metabolism/ BINDING SITES/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROPHORESIS, PAPER/ HUMAN/ POLYETHYLENE GLYCOLS, pharmacodynamics/ THROMBIN, analysis/ *THROMBIN, metabolism

6464. **Muszbek L, Kuznicki J, Szabó T, et al:** Troponin C like protein of blood platelets. FEBS Lett 80(2):308–12, 15 Aug 77
ANIMAL/ *BLOOD PLATELETS, analysis/ BRAIN, enzymology/ CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CATTLE/ *MUSCLE PROTEINS, blood/ PHOSPHODIESTERASES, metabolism/ PROTEIN BINDING/ TROPONIN, analogs & derivatives/ *TROPONIN, blood/ TROPONIN, pharmacodynamics

6465. **Muszbek L, Fésüs L, Szabó T, et al:** Procoagulant activity of thrombosthenin preparations. Thromb Res 10(5):635–44, May 77
ANIMAL/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ *BLOOD PROTEINS, physiology/ CATTLE/ PHOSPHOLIPIDS, analysis/ PLATELET AGGREGATION/ PLATELET FACTOR 3, physiology/ THROMBOSTHENIN, analysis/ *THROMBOSTHENIN, physiology

6466. **Mutz I, Muntean W:** Intrakranielle Blutung bei idiopathischer thrombozytopenischer Purpura (ITP) Klin Paediatr 188(6):548–51, Nov 76 (Eng. Abstr.)**(Ger)**
CASE REPORT/ *CEREBRAL HEMORRHAGE, complications/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ PREDNISOLONE, therapeutic use/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY

6467. **Muzzarelli RA, Barontini G, Rocchetti R:** Immobilized enzymes on chitosan columns: alpha-chymotrypsin and acid phosphatase. Biotechnol Bioeng 18(10):1445–54, Oct 76
*ACID PHOSPHATASE/ ACID PHOSPHATASE, analysis/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, analysis/ GLUCOSAMINE/ GLUTARALDEHYDE/ POLYSACCHARIDES

6468. **Myburgh JA, Mitchison NA:** Suppressor mechanisms in neonatally acquired tolerance to a Gross virus-induced lymphoma in rats. Transplantation 22(3):236–44, Sep 76
ANIMAL/ *ANIMALS, NEWBORN/ BINDING, COMPETITIVE/ CELL TRANSFORMATION, NEOPLASTIC/ *GROSS VIRUS/ IMMUNE SERUMS, pharmacodynamics/ *IMMUNE TOLERANCE/ IMMUNITY, CELLULAR/ *IMMUNOSUPPRESSION/ LEUKOCYTE CULTURE TEST, MIXED/ *LYMPHOMA, etiology/ LYMPHOMA, immunology/ PASSIVE TRANSFER/ RATS/ RATS, INBRED WF/ SPLEEN, immunology/ TRYPSIN, metabolism

6469. **Myers MG, Arshinoff SA:** Infection and pheochromocytoma. JAMA 237(19):2095–6, 9 May 77
*ADRENAL GLAND NEOPLASMS, complications/ ADULT/ ANTIBIOTICS, therapeutic use/ CASE REPORT/

ENDOCARDITIS, BACTERIAL, drug therapy/ ENDOCARDITIS, BACTERIAL, etiology/ HEMATEMESIS, complications/ HUMAN/ HYPERTENSION, drug therapy/ HYPERTENSION, etiology/ MALE/ PHENOXYBENZAMINE, therapeutic use/ *PHEOCHROMOCYTOMA, complications/ PULMONARY EMBOLISM, complications/ THROMBOPENIA, complications/ *URINARY TRACT INFECTIONS, complications

6470. **Myerson PJ, Myerson DA, Katz R, et al:** Gallium imaging in pulmonary artery sarcoma mimicking pulmonary embolism: case report. J Nucl Med 17(10):893–5, Oct 76
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *GALLIUM RADIOISOTOPES, diagnostic use/ HUMAN/ *LEIOMYOSARCOMA, diagnosis/ *PULMONARY ARTERY/ *PULMONARY EMBOLISM, diagnosis

6471. **Myhre BA, Nakasako Y:** Graphs to facilitate the computation of patient response to platelet concentrates or antihemophiliac concentrate. Transfusion 17(2):179–80, Mar–Apr 77
*BLOOD PLATELETS/ *BLOOD TRANSFUSION/ FACTOR VIII, administration & dosage/ HUMAN/ *STATISTICS, methods

6472. **Myhre BA, Nakasako YY, Schott R:** A rapid method for determining the sterility of frozen–reconstituted blood. Transfusion 17(3):195–202, May–Jun 77
BACTERIOLOGICAL TECHNICS/ *BLOOD PRESERVATION, standards/ *BLOOD, microbiology/ HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6473. **Myllyla G, Konttinen Y:** DIC–syndrooma. I. Patofysiologia, diagnostiikka ja hoitoperiaatteet Duodecim 92(19):1096–110, 1976 **(Fin)**
BLOOD TRANSFUSION/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ HEPARIN, therapeutic use/ HUMAN

6474. **Mymrikov PI:** Svertyvaiushchaia i protivosvertyvaiushchaia sistema krovi pri peritonite Klin Med (Mosk) 54(10):105–7, Oct 76 **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *PERITONITIS, blood

6475. **Myrvold HE, Brandberg A:** Microembolism in experimental septic shock. Distribution of platelets and fibrinogen after intravenous injection of disintegrated Pseudomonas bacteria to dogs. Eur Surg Res 9(1):34–47, 1977
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PRESSURE/ DOGS/ *EMBOLISM, etiology/ ENDOTOXINS, administration & dosage/ ERYTHROCYTES, metabolism/ FEMALE/ *FIBRINOGEN/ FIBRINOGEN, analysis/ INJECTIONS, INTRAVENOUS/ INTESTINE, SMALL, metabolism/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ MICROCIRCULATION/ MUSCLES, metabolism/ PANCREAS, metabolism/ PLATELET AGGREGATION/ *PSEUDOMONAS/ *SHOCK, SEPTIC, blood/ SPLEEN, metabolism

6476. **Myrvold HE, Svalander C:** Pulmonary microembolism in early experimental septic shock. A morphological study in dogs. J Surg Res 23(2):65–74, Aug 77
ANIMAL/ BLOOD PLATELETS, pathology/ CELL MEMBRANE, pathology/ *DISEASE MODELS, ANIMAL/ DOGS/ ENDOTOXINS/ LEUKOCYTES, pathology/ *LUNG, pathology/ MICROSCOPY, ELECTRON/ PSEUDOMONAS AERUGINOSA/ *PULMONARY EMBOLISM, pathology/ *SHOCK, SEPTIC, pathology

6477. **Mysak IO:** Primenenie biaktivnykh alektrodov pri adenomektomii prostaty Sov Med (10):88–90, Oct 76 (Eng. Abstr.) **(Rus)**
AGED/ ELECTRODES/ ENGLISH ABSTRACT/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ *PROSTATECTOMY/ PROSTATECTOMY, methods/ *PROSTATIC HYPERTROPHY, surgery

N

6478. **Nabatoff RA:** Thromboembolic phenomena. Following ambulatory varicose vein surgery. NY State J Med 76(13):2133–5, Dec 76
AMBULATORY CARE/ HUMAN/ METHODS/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS/ SURGERY, MINOR/ *THROMBOEMBOLISM, etiology/ *VARICOSE VEINS, surgery

6479. **Nachman R, Levine R, Jaffe EA:** Synthesis of factor VIII antigen by cultured guinea pig megakaryocytes. J Clin Invest 60(4):914–21, Oct 77
ANTIBODY SPECIFICITY/ ANTIGENIC DETERMINANTS/ ANTIGENS, analysis/ BLOOD PLATELETS, metabolism/ CELLS, CULTURED/ *FACTOR VIII, biosynthesis/ FACTOR VIII, immunology/ GEL DIFFUSION TESTS/ GUINEA PIGS/ *MEGAKARYOCYTES, metabolism/ MOLECULAR WEIGHT/ PLATELET AGGREGATION, drug effects/ RISTOCETIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VON WILLEBRAND FACTOR, biosynthesis/ VON WILLEBRAND FACTOR, pharmacodynamics

6480. **Nachman RL, Jaffe EA, Weksler BB:** Immunoinhibition of ristocetin–induced platelet aggregation. J Clin Invest 59(1):143–8, Jan 77
ANTIBODIES/ BLOOD PLATELETS, immunology/ CELL MEMBRANE, immunology/ *CHYMOTRYPSIN, pharmacodynamics/ FACTOR VIII, immunology/ GLYCOPROTEINS, immunology/ IMMUNE SERUMS/ *PLATELET AGGREGATION, drug effects/ *RISTOCETIN, antagonists & inhibitors/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VON WILLEBRAND FACTOR

6481. **Nachman RL:** Von Willebrand's disease and the molecular pathology of hemostasis [editorial]. N Engl J Med 296(18):1059–60, 5 May 77
*BLOOD COAGULATION FACTORS/ *FACTOR VIII/ FACTOR VIII, immunology/ *HEMOSTASIS/ HUMAN/ *VON WILLEBRAND FACTOR/ VON WILLEBRAND FACTOR, immunology/ *VON WILLEBRAND'S DISEASE, blood

6482. **Nachmias V, Sullender J, Asch A:** Shape and cytoplasmic filaments in control and lidocaine–treated human platelets. Blood 50(1):39–53, Jul 77
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, ultrastructure/ *CYTOPLASM, drug effects/ DOSE–RESPONSE RELATIONSHIP, DRUG/ HUMAN/ *LIDOCAINE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6483. **Nadeau P, Pallotta D, Lafontaine JG:** Comparative study of rye and thymus histones: amino acid analysis and tryptic fingerprinting. Can J Biochem 55(7):721–7, Jul 77
AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ COMPARATIVE STUDY/ *HISTONES/ PEPTIDE FRAGMENTS, analysis/ *PLANTS/ RYE/ *THYMUS GLAND/ TRYPSIN

6484. **Nadjimi M, Bushe KA, Ratzka M, et al:** Angiotomographische Aspekte der zerebralen Aneurysmen und Angiome
Fortschr Geb Roentgenstr Nuklearmed 125(5):428–37, Nov 76 (Eng. Abstr.) **(Ger)**
BASILAR ARTERY/ *BRAIN NEOPLASMS, radiography/ CAROTID ARTERY DISEASES, radiography/ CAROTID ARTERY, INTERNAL/ *CEREBRAL ANEURYSM, radiography/ CEREBRAL ANGIOGRAPHY, methods/ CEREBRAL ARTERIES/ ENGLISH ABSTRACT/ *HEMANGIOMA, radiography/ HUMAN/ TOMOGRAPHY, RADIOGRAPHIC, methods/ VERTEBRAL ARTERY

6485. **Naeim F, Gregg B, Gatti RA, et al:** Simplification of B–cell

antisera of the Merrit system with platelets and lymphoblastoid cell lines. Transplant Proc 9(1):439–44, Mar 77
ANTIGENIC DETERMINANTS/ *B-LYMPHOCYTES, immunology/ *BLOOD PLATELETS, immunology/ CELL LINE/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ HL-A, analysis/ HUMAN/ *IMMUNE SERUMS, analysis/ IMMUNOSORBENTS/ LEUKEMIA, LYMPHOCYTIC, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6486. **Nag S, Sarker D, Ghosh JJ:** Effect of cyproterone acetate on the proteinase activities of adult rat testis and epididymis. Biochem Pharmacol 26(1):5–6, 1 Jan 77
ANIMAL/ *CYPROTERONE, pharmacodynamics/ EPIDIDYMIS, drug effects/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ MALE/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ TESTIS, drug effects/ *TESTIS, enzymology/ TIME FACTORS

6487. **Nagai T:** Patterns of fibrin deposition in the glomeruli of diseased kidneys. Jpn Circ J 40(7):769–83, Jul 76
ADOLESCENCE/ ADULT/ AGED/ ANTIGEN-ANTIBODY COMPLEX/ FEMALE/ *FIBRIN/ FLUORESCENT ANTIBODY TECHNIC/ GLOMERULONEPHRITIS, pathology/ HUMAN/ HYPERTENSION, pathology/ IMMUNITY/ IMMUNOGLOBULINS/ KIDNEY DISEASES, immunology/ *KIDNEY DISEASES, pathology/ KIDNEY GLOMERULUS, immunology/ *KIDNEY GLOMERULUS, pathology/ MALE/ MIDDLE AGE

6488. **Nagai Y, Klenk HD:** Activation of precursors to both glycoporteins of Newcastle disease virus by proteolytic cleavage. Virology 77(1):125–34, Mar 77
CHYMOTRYPSIN, metabolism/ GLYCOPROTEINS, analysis/ *GLYCOPROTEINS, metabolism/ HEMAGGLUTININS, VIRAL/ NEURAMINIDASE, metabolism/ *NEWCASTLE DISEASE VIRUS, metabolism/ PANCREATOPEPTIDASE, metabolism/ *PEPTIDE HYDROLASES, metabolism/ THERMOLYSIN, metabolism/ TRYPSIN, metabolism/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, metabolism

6489. **Nagai Y:** [A molecular basis for the variations in virulence of Newcastle disease virus (author's transl)] Protein Nucleic Acid Enzyme (Tokyo) 22(5):385–95, May 77 (51 ref.) **(Jpn)**
CAPSID, biosynthesis/ GLYCOPROTEINS, analysis/ *NEWCASTLE DISEASE VIRUS, analysis/ NEWCASTLE DISEASE VIRUS, growth & development/ NEWCASTLE DISEASE VIRUS, pathogenicity/ PARAMYXOVIRUSES, metabolism/ PROTEIN PRECURSORS/ REVIEW/ TRYPSIN, pharmacodynamics/ VIRAL PROTEINS, biosynthesis/ VIRULENCE

6490. **Nagasawa K, Tokuyasu T, Inoue Y:** Studies of the influence of N-substitution in heparin on its anticoagulant activity. J Biochem (Tokyo) 81(4):989–93, Apr 77
ACETAMIDES/ ACYLATION/ *ANTICOAGULANTS, metabolism/ COMPARATIVE STUDY/ HEPARIN, analogs & derivatives/ *HEPARIN, metabolism/ HEPARITIN SULFATE, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUCCINATES/ SULFURIC ACIDS/ SWINE/ WHALES

6491. **Nagasawa T, Kono I, Sakurai T, et al:** Fibrinogen/fibrin degradation products in serum of patients with idiopathic thrombocytopenic purpura: elevated levels during severe thrombocytopenic phase of the disease. Thromb Haemostas 35(3):628–34, 30 Jun 76
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ ANEMIA, APLASTIC, blood/ BLOOD COAGULATION TESTS/ CHILD/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, blood/ THROMBOPENIA, blood

6492. **Nagasue N, Iwaki A, Yukaya H, et al:** Disseminated intravascular coagulation and refractory shock induced by splanchnic metabolic acidosis. Surg Gynecol Obstet 144(4):519–24, Apr 77
*ACIDOSIS, complications/ ANIMAL/ BLOOD COAGULATION TESTS/ BLOOD PRESSURE/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DOGS/ ELECTROCARDIOGRAPHY/ FEMALE/ GASTROINTESTINAL SYSTEM, pathology/ HYPOTENSION, etiology/ KIDNEY, pathology/ LACTATES, metabolism/ LIVER, pathology/ LUNG, pathology/ MALE/ PLATELET AGGREGATION/ PULSE/ VENOUS PRESSURE

6493. **Nagata H, Watanabe N, Hasegawa H:** [Studies on antithrombin by TAD method and immunological method] Acta Haematol Jpn 40(2):192–6, Apr 77 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ AGED/ *ANTITHROMBINS, analysis/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOLOGIC TECHNICS/ MALE/ MYOCARDIAL INFARCT, blood/ THROMBOEMBOLISM, blood

6494. **Nagata K, Aoyama R, Fujita M, et al:** [Studies of coagulation and fibrinolysis in kidney diseases in children 1] Jpn J Nephrol 17(11):913–28, Nov 75 (Eng. Abstr.) **(Jpn)**
*BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ *KIDNEY DISEASES, blood

6495. **Nagy B, Ban J, Brdar B:** Fibrinolysis associated with human neoplasia: production of plasminogen activator by human tumours. Int J Cancer 19(5):614–20, 15 May 77
BREAST NEOPLASMS, analysis/ CARCINOMA, BASAL CELL, analysis/ CELLS, CULTURED/ CERVIX NEOPLASMS, analysis/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MALE/ MELANOMA, analysis/ *NEOPLASMS, metabolism/ OVARIAN NEOPLASMS, analysis/ *PLASMINOGEN ACTIVATORS, biosynthesis/ PROSTATIC NEOPLASMS, analysis

6496. **Nagy I, Kádas I, Jobst K:** Lanthanum Trichloride induced blood coagulation defect and liver injury. Haematologia (Budap) 10(3–4):353–9, 1976
ANIMAL/ ANTITHROMBINS/ *BLOOD COAGULATION DISORDERS, chemically induced/ *CHLORIDES, adverse effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HEMORRHAGIC DIATHESIS, chemically induced/ *LANTHANUM, adverse effects/ *LIVER DISEASES, chemically induced/ PLATELET FACTOR 3/ RABBITS/ THROMBOPENIA, chemically induced

6497. **Naidenova-Kuzmanova I:** Vzaimosviaz' mezhdu ekzoproteasnoĭ aktivnost'iu, sporoobrazovaniem, obrazovaniem kristallov i virulentnost'iu bakterii gruppy Bacillus thuringiensis Prikl Biokhim Mikrobiol 12(4):495–500, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
BACILLUS THURINGIENSIS, enzymology/ BACILLUS THURINGIENSIS, growth & development/ *BACILLUS THURINGIENSIS, physiology/ BACILLUS THURINGIENSIS, pathogenicity/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES, metabolism/ SEROTYPING/ SPORES/ TISSUE CULTURE/ VIRULENCE

6498. **Naiki M, Marcus DM:** Binding of N-acetylgalactosamine-containing compounds by a human IgM paraprotein. J Immunol 119(2):537–9, Aug 77
*ACETYLGALACTOSAMINE, metabolism/ ABO BLOOD-GROUP SYSTEM/ BINDING SITES, ANTIBODY/ ERYTHROCYTES, immunology/ *GALACTOSAMINE, analogs & derivatives/ GLYCOSIDES, metabolism/ GLYCOSPHINGOLIPIDS, metabolism/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ HUMAN/ *IGM, metabolism/ IN VITRO/ P BLOOD-GROUP SYSTEM/ *PARAPROTEINS, metabolism/ PEPTIDE HYDROLASES, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6499. **Najjar TA:** Why can't you achieve adequate regional

anesthesia in the presence of infection? Oral Surg 44(1):7–13, Jul 77
AMINO ACIDS, analysis/ *ANESTHESIA, CONDUCTION/ *ANESTHESIA, DENTAL/ ANIMAL/ BACTERIAL INFECTIONS, enzymology/ BACTERIAL INFECTIONS, metabolism/ BACTERIAL INFECTIONS, pathology/ *BACTERIAL INFECTIONS, physiopathology/ *FEMORAL NERVE/ FEMORAL NERVE, analysis/ FEMORAL NERVE, enzymology/ FEMORAL NERVE, pathology/ FEMORAL NERVE, physiopathology/ *MANDIBULAR NERVE/ MANDIBULAR NERVE, analysis/ MANDIBULAR NERVE, enzymology/ MANDIBULAR NERVE, pathology/ MANDIBULAR NERVE, physiopathology/ *MEPIVACAINE/ NEURAL CONDUCTION/ NEURITIS, enzymology/ NEURITIS, metabolism/ NEURITIS, pathology/ *NEURITIS, physiopathology/ PEPTIDE HYDROLASES, metabolism/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6500. **Najjar TA:** Harmful effects of 'aspirin compounds'. Oral Surg 44(1):64–70, Jul 77 (231 ref.)
ACID-BASE EQUILIBRIUM, drug effects/ *ASPIRIN, adverse effects/ ASPIRIN, blood/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ CARBON DIOXIDE, metabolism/ FEVER, chemically induced/ GASTRIC MUCOSA, drug effects/ GASTROINTESTINAL SYSTEM, drug effects/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HOMEOSTASIS, drug effects/ HUMAN/ KIDNEY PAPILLARY NECROSIS, chemically induced/ KIDNEY, drug effects/ LABYRINTH, drug effects/ PHENACETIN, adverse effects/ REVIEW/ SALICYLATES, pharmacodynamics

6501. **Nakaba E:** [Beside nursing. Nursing of a patient with a complex clinical course due to an early stage of stomach cancer and disseminated intravascular coagulation] Jpn J Nurs 41(4):385–8, Apr 77 **(Jpn)**
CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, nursing/ HUMAN/ *STOMACH NEOPLASMS, nursing

6502. **Nakagaki M, Suehiro S, Itano M, et al:** [Fibrinolytic therapy for postoperative hemomediastinum and hemothorax] Jpn J Thorac Surg 29(8):601–5, 1 Aug 76 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, drug therapy/ *HEMOTHORAX, drug therapy/ HUMAN/ MALE/ *MEDIASTINAL DISEASES, drug therapy/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ *UROKINASE, therapeutic use

6503. **Nakagawa M, Okada T, Okuda S, et al:** [Exogenous heparin and antithrombin activity (author's transl)] Acta Haematol Jpn 40(2):207–12, Apr 77 (Eng. Abstr.) **(Jpn)**
ANIMAL/ *ANTITHROMBINS, analysis/ AUTORADIOGRAPHY/ ENGLISH ABSTRACT/ HEPARIN CO-FACTOR, analysis/ *HEPARIN, metabolism/ MALE/ MICE

6504. **Nakagawara G, Asano E, Kimura S, et al:** Blue rubber bleb nevus syndrome: report of a case. Dis Colon Rectum 20(5):421–7, Jul-Aug 77
ADULT/ CASE REPORT/ GASTROINTESTINAL NEOPLASMS, surgery/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ LIVER NEOPLASMS, surgery/ MALE/ *NEOPLASMS, MULTIPLE PRIMARY/ NEOPLASMS, MULTIPLE PRIMARY, surgery/ *SKIN NEOPLASMS/ SKIN NEOPLASMS, surgery/ SYNDROME

6505. **Nakahara M:** Effects of t-AMCHA and EACA on the plasma kallikrein system. Thromb Haemostas 37(1):104–10, 28 Feb 77
*AMINOCAPROIC ACIDS, pharmacodynamics/ ANIMAL/ *CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ DOGS/ ESTERASES, analysis/ FACTOR XII/ *KALLIKREIN/ KALLIKREIN, analysis/ KININS, blood/ *TRANEXAMIC ACID, pharmacodynamics/ *6-AMINOCAPROIC ACID, pharmacodynamics

6506. **Nakajima S, Ito M, Mizuno F, et al:** [Pharmacodynamics of therapeutic agents for pancreatitis. Effect of a synthetic protease inhibitor on the serum alpha1-antitrypsin and alpha2-macroglobulin levels] Jpn J Gastroenterol 73(6):668–76, Jun 76 (Eng. Abstr.) **(Jpn)**
AGED/ ALPHA MACROGLOBULINS, analysis/ ENGLISH ABSTRACT/ FEMALE/ *GUANIDINES, pharmacodynamics/ HUMAN/ MALE/ MIDDLE AGE/ PANCREATITIS, blood/ *PANCREATITIS, drug therapy/ *PEPTIDE HYDROLASES, antagonists & inhibitors

6507. **Nakajo N, Takaori M, Ishii T, et al:** [Pulmonary microembolism caused by transfusion. Evaluation and prevention based on alveolar ventilation] Jpn J Anesthesiol 26(6):660–7, Jun 77 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ AGED/ *BLOOD TRANSFUSION, adverse effects/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *PULMONARY ALVEOLI, physiology/ PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, prevention & control

6508. **Nakama M, Nukada T, Imamoto T, et al:** [Experimental study of amino acid metabolism in the brain during the process of recovery from cerebrovascular disorders] Jpn J Geriatr 14(1):44–9, Jan 77 (Eng. Abstr.) **(Jpn)**
*AMINO ACIDS, metabolism/ ANIMAL/ *BRAIN, metabolism/ *CEREBRAL HEMORRHAGE, metabolism/ ENGLISH ABSTRACT/ *HEMATOMA, metabolism/ MALE/ RATS

6509. **Nakamura K, Mizushima S:** Effects of heating in dodecyl sulfate solution on the conformation and electrophoretic mobility of isolated major outer membrane proteins from Escherichia coli K-12. J Biochem (Tokyo) 80(6):1411–22, Dec 76
EDTA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI/ HEAT/ *MEMBRANE PROTEINS/ MEMBRANE PROTEINS, isolation & purification/ PROTEIN CONFORMATION/ *SODIUM DODECYL SULFATE/ SPECTRUM ANALYSIS/ TRYPSIN

6510. **Nakamura S, Takagi T, Iwanaga S, et al:** Amino acid sequence studies on the fragments produced from horseshoe crab coagulogen during gel formation: homologies with primate fibrinopeptide B. Biochem Biophys Res Commun 72(3):902–8, 4 Oct 76
AMINO ACID SEQUENCE/ ANIMAL/ *ARACHNIDA, analysis/ *FIBRINOGEN/ GELS/ PEPTIDE FRAGMENTS, analysis/ PEPTIDES/ *PROTEINS/ SPECIES SPECIFICITY/ THERMOLYSIN/ TRYPSIN

6511. **Nakamura S, Takagi T, Iwanaga S, et al:** A clottable protein (coagulogen) of horseshoe crab hemocytes. Structural change of its polypeptide chain during gel formation. J Biochem (Tokyo) 80(3):649–52, Sep 76
AMINO ACIDS, analysis/ ANIMAL/ BACTERIAL TOXINS, pharmacodynamics/ BLOOD COAGULATION/ *BLOOD PROTEINS, metabolism/ GELS/ LIMULUS, enzymology/ PEPTIDE FRAGMENTS, analysis/ PROTEIN CONFORMATION/ SALMONELLA

6512. **Nakamura S, Takahashi K:** Amino acid sequences around 1, 2-epoxy-3-(p-nitrophenoxy)propane-reactive residues in rhizopus chinensis acid protease: homology with pepsin and rennin. J Biochem (Tokyo) 81(3):805–7, Mar 77
AMINO ACID SEQUENCE/ BINDING SITES/ EPOXY COMPOUNDS/ HYDROGEN-ION CONCENTRATION/ *NITROPHENOLS/ PEPSIN/ *PEPTIDE HYDROLASES/ PROTEIN BINDING/ RENNIN/ *RHIZOPUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

6513. **Nakamura S, Morita T, Iwanaga S, et al:** A sensitive substrate for the clotting enzyme in horseshoe crab hemocytes. J Biochem (Tokyo) 81(5):1567–9, May 77
ANIMAL/ *ARACHNIDA, enzymology/ *ARTHROPODS, enzymology/ ENDOTOXINS, pharmacodynamics/ FACTOR X/ HEMOCYANIN/

HYDROGEN-ION CONCENTRATION/ KINETICS/ *LIMULUS, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ SALMONELLA/ STRUCTURE-ACTIVITY RELATIONSHIP

6514. **Nakamura S, Arai Ki, Takahashi K, et al:** Alignment of the tryptic fragments and location of sulfhydryl groups of the polypeptide chain elongation factor Tu. Biochem Biophys Res Commun 77(4):1418–24, 22 Aug 77
AMINO ACID SEQUENCE/ *PEPTIDE ELONGATION FACTORS/ PEPTIDE FRAGMENTS, analysis/ SULFHYDRYL COMPOUNDS, analysis/ TOSYLPHENYLALANYL CHLOROMETHYL KETONE/ TRYPSIN

6515. **Nakane A, Iida H:** Proteolytic mutants obtained from Clostridium botulinum type E. Appl Environ Microbiol 34(1):99–101, Jul 77
AMIDOHYDROLASES, biosynthesis/ BLOOD/ BOTULINUM TOXIN, biosynthesis/ CARBOHYDRATES, metabolism/ *CLOSTRIDIUM BOTULINUM, enzymology/ CLOSTRIDIUM BOTULINUM, metabolism/ CULTURE MEDIA/ MEAT/ *MUTATION/ *PEPTIDE HYDROLASES, biosynthesis/ SPECIES SPECIFICITY

6516. **Nakano M, Shigematsu H, Nagao K, et al:** [Amniotic fluid embolism--an autopsy case] Jpn J Clin Med 34(6):1283–5, Jun 76 **(Jpn)**
ADULT/ CASE REPORT/ *EMBOLISM, AMNIOTIC FLUID, pathology/ FEMALE/ HUMAN/ PREGNANCY/ PULMONARY ARTERY, pathology

6517. **Nakano M, Tobita T, Ando T:** Studies on a protamine (galline) from fowl sperm. 3. The total amino acid sequence of intact galline molecule. Int J Pept Protein Res 8(6):565–78, 1976
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHICKENS/ CHYMOTRYPSIN, pharmacodynamics/ MALE/ PEPTIDE TERMINATION FACTORS, analysis/ *PROTAMINES, analysis/ *SEMEN, analysis/ TRYPSIN, pharmacodynamics

6518. **Nakano M, Tobita T, Ando T:** Studies on a protamine (galline) from fowl sperm. 4. Degradation of galline by trypsin-like protease of fowl sperm heads. Int J Pept Protein Res 8(6):579–87, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHICKENS/ CHROMATOGRAPHY, ION EXCHANGE/ MALE/ PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDE TERMINATION FACTORS, analysis/ *PROTAMINES, analysis/ SPECIES SPECIFICITY/ *SPERM HEAD, analysis/ *SPERMATOZOA, analysis

6519. **Nakao N, Sugahara T, Inamoto K, et al:** Angiographically diagnosed hemangioma of the bladder. Pediatr Radiol 4(3):186–7, 14 Apr 76
*ANGIOGRAPHY/ *BLADDER NEOPLASMS, radiography/ CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA, radiography/ HEMATURIA, etiology/ HUMAN

6520. **Nakashima T, Takakura K, Komoto Y:** Thromboresistance of graft-type copolymers with hydrophilic-hydrophobic microphase-separated structure. J Biomed Mater Res 11(5):787–98, Sep 77
*ACRYLIC RESINS/ *BIOCOMPATIBLE MATERIALS/ GELS/ *POLYMETHACRYLIC ACIDS/ *THROMBOSIS, prevention & control/ WATER

6521. **Nakatani H, Fujiwake H, Hiromi K:** Interaction of Asp. melleus Semi-alkaline protease with benzeneboronic acid. J Biochem (Tokyo) 81(5):1269–72, May 77
*ASPERGILLUS, enzymology/ *BORONIC ACIDS, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN BINDING/ TEMPERATURE

6522. **Nakayama T, Munoz L, Doi RH:** A procedure to remove protease activities from Bacillus subtilis sporulating cells and their crude extracts. Anal Biochem 78(1):165–70, Mar 77
*BACILLUS SUBTILIS, enzymology/ CHROMATOGRAPHY, AFFINITY/ DRUG STABILITY/ HALF-LIFE/ KINETICS/ METHODS/ *PEPTIDE HYDROLASES, isolation & purification/ *RNA POLYMERASES/ RNA POLYMERASES, isolation & purification/ RNA POLYMERASES, metabolism/ SPORES, BACTERIAL, enzymology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6523. **Nakazawa K, Murata K:** Acidic glycosaminoglycans in three layers of human aorta: their different constitution and anticoagulant function. Paroi Arterielle 2(4):203–11, May 75
ADULT/ *AORTA, THORACIC, metabolism/ *BLOOD COAGULATION/ CHONDROITIN SULFATES, metabolism/ DERMATAN SULFATE, metabolism/ *GLYCOSAMINOGLYCANS, metabolism/ HEPARITIN SULFATE, metabolism/ HUMAN/ HYALURONIC ACID, metabolism/ MIDDLE AGE/ *MUCOPOLYSACCHARIDES, metabolism

6524. **Nakov E:** Nekotorye faktory riska tromboémbolicheskikh oslozhnenii. Sov Med (6):129–30, Jun 77 (Eng. Abstr.) **(Rus)**
BLOOD GROUPS/ BULGARIA/ ENGLISH ABSTRACT/ HUMAN/ *PULMONARY EMBOLISM, occurrence/ RISK/ SEASONS/ *THROMBOEMBOLISM, occurrence/ THROMBOPHLEBITIS, occurrence

6525. **Nalli G, Cattaneo G, Malamani GD, et al:** Immunofluorescent detection of alpha 1-antitrypsin in platelets and megakaryocytes. Thromb Res 10(4):613–7, Apr 77
*ALPHA 1-ANTITRYPSIN, analysis/ *BLOOD PLATELETS, analysis/ BONE MARROW CELLS, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HEMOSTASIS/ HUMAN/ *MEGAKARYOCYTES, analysis

6526. **Namiki M, Takayama H, Fujiwara K:** Viral growth in splenic megakaryocytes of mice experimentally infected with mouse hepatitis virus, MHV-2. Jpn J Exp Med 47(1):41–8, Feb 77
ANIMAL/ BLOOD PLATELETS, metabolism/ *HEPATITIS VIRUS, MOUSE/ HEPATITIS, VIRAL, ANIMAL, pathology/ MALE/ *MEGAKARYOCYTES, microbiology/ MEGAKARYOCYTES, pathology/ MICE/ MICE, INBRED ICR/ *SPLEEN, microbiology/ SPLEEN, pathology

6527. **Nanba K, Soban EJ, Bowling MC, et al:** Splenic pseudosinuses and hepatic angiomatous lesions. Distinctive features of hairy cell leukemia. Am J Clin Pathol 67(5):415–26, May 77
BIOPSY/ ENDOTHELIUM, cytology/ ENDOTHELIUM, enzymology/ HEMANGIOMA, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ *LEUKEMIA, pathology/ LEUKEMIA, LYMPHOCYTIC, pathology/ LEUKEMIA, MYELOCYTIC, pathology/ *LIVER NEOPLASMS, pathology/ MORPHOGENESIS/ NAPHTHOL AS D ESTERASE, metabolism/ *RETICULOENDOTHELIOSIS, pathology/ SPLENIC DISEASES, pathology/ *SPLENIC VEIN, pathology/ VASCULAR DISEASES, pathology

6528. **Nanninga LB:** Soluble fibrin complexes in early fibrin digests. Thromb Haemostas 37(2):192–200, 30 Apr 77
ANIMAL/ CATTLE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ *FIBRIN, metabolism/ MOLECULAR WEIGHT/ TIME FACTORS/ ULTRACENTRIFUGATION/ VISCOSITY

6529. **Nanulescu M, Papilian VV, Crîsnic:** Modificări de hemostază in glomerulonefrita difuză acută la copil Rev Pediatr Obstet Ginecol [Pediatr] 25(4):317–24, Oct-Dec 76 (Eng. Abstr.) **(Rum)**
ACUTE DISEASE/ ADOLESCENCE/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/

ENGLISH ABSTRACT/ *GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, pathology/ HUMAN/ KIDNEY, pathology

6530. **Napolitano JV, Salomon MI, Tchertkoff V:** Asymptomatic calcified thrombus in a coronary aneurysm. J Am Geriatr Soc 24(12):552–4, Dec 76
*CALCINOSIS, complications/ CASE REPORT/ *CORONARY VESSELS/ CORONARY VESSELS, pathology/ *HEART ANEURYSM, complications/ HEART ANEURYSM, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOEMBOLISM, complications

6531. **Narahashi Y, Yoda K:** Alkaline serine proteinases D and E of Streptomyces griseus K-1. J Biochem (Tokyo) 81(3):587–97, Mar 77
HYDROGEN-ION CONCENTRATION/ ISOENZYMES, isolation & purification/ ISOENZYMES, metabolism/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SERINE/ *STREPTOMYCES GRISEUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

6532. **Nardon P, Monget D, Didier-Fichet ML, et al:** Comparison of zymogram of three lymphoblastoid cell lines with a new microtechnique. Biomedicine 24(3):183–90, Jun 76
AMINOPEPTIDASES, metabolism/ CELL DIVISION/ *CELL LINE/ CELL SURVIVAL/ CELLS, CULTURED, enzymology/ COMPARATIVE STUDY/ ESTERASES, metabolism/ GLYCOSIDE HYDROLASES, metabolism/ *HYDROLASES, metabolism/ LIPASE, metabolism/ METHODS/ PEPTIDE HYDROLASES, metabolism/ PHOSPHATASES, metabolism

6533. **Narodetskaia RV, Gadzhieva ZM, Makarova LF, et al:** O funktsional'no-morfologicheskom sostoianii organov pishchevaritel'noĭ sistemy v usloviiakh primeneniia dianabola. Farmakol Toksikol 39(5):619–22, Sep–Oct 76 (Eng. Abstr.) **(Rus)**
ACID PHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ AMYLASE, metabolism/ ANIMAL/ BILE, analysis/ BILE, secretion/ BILIRUBIN, analysis/ CYTOCHROME OXIDASE, metabolism/ ENGLISH ABSTRACT/ ESTERASES, metabolism/ HISTOCYTOCHEMISTRY/ LIPIDS, analysis/ LIVER, drug effects/ MALE/ *METHANDROSTENOLONE, pharmacodynamics/ PANCREAS, drug effects/ RATS/ SUCCINATE DEHYDROGENASE, metabolism/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN, metabolism

6534. **Nash DT, Gensini G, Simon H, et al:** The Erysichthon syndrome. Progression of coronary atherosclerosis and dietary hyperlipidemia. Circulation 56(3):363–5, Sep 77
ADULT/ AGED/ CARDIOVASCULAR DISEASES, familial & genetic/ CHOLESTEROL, blood/ *CORONARY DISEASE, complications/ CORONARY DISEASE, familial & genetic/ DIABETES MELLITUS, complications/ *DIET, ATHEROGENIC/ FEMALE/ HUMAN/ *HYPERLIPEMIA, complications/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ SMOKING, complications/ SYNDROME/ TIME FACTORS/ TRIGLYCERIDES, blood

6535. **Nasiłowski W, Słomkowski M:** Observations on behavior of platelet adhesiveness at the late stage of burn disease. Pol Med Sci Hist Bull 15–16(4):377–83, Oct–Dec 76
ADOLESCENCE/ ADULT/ BLOOD COAGULATION/ *BURNS, blood/ CHILD/ FEMALE/ HUMAN/ MALE/ *PLATELET ADHESIVENESS

6536. **Nasledova ID, Fashchevskaia IA, Khmel'nitskaia TO, et al:** Vliianie razlichnykh vidov izbytochnogo pitaniia na sostoianie sosudistoĭ stenki u krys Biull Eksp Biol Med 82(11):1297–8, 1976 (Eng. Abstr.) **(Rus)**
ANIMAL/ *AORTA, enzymology/ *ARTERIOSCLEROSIS, etiology/ ATHEROSCLEROSIS, enzymology/ *ATHEROSCLEROSIS, etiology/ BODY WEIGHT/ *DIET, ATHEROGENIC/ DIETARY CARBOHYDRATES, adverse effects/ DIETARY FATS, adverse effects/ ENGLISH ABSTRACT/ *LIPASE, metabolism/ MALE/ OBESITY, complications/ OBESITY, etiology/ RATS

6537. **Nataf R, Jeanpierre R:** Problèmes et accidents de l'embolisation artérielle hypogastrique J Urol Nephrol (Paris) 82(10–11):872–8, Oct–Nov 76 **(Fre)**
CAUDA EQUINA/ *EMBOLIZATION, THERAPEUTIC, adverse effects/ EMBOLIZATION, THERAPEUTIC, methods/ FEMALE/ FEMORAL ARTERY/ HEMATURIA, therapy/ HEMIPLEGIA, etiology/ HUMAN/ *ILIAC ARTERY/ MALE/ MIDDLE AGE/ SPINAL CORD COMPRESSION, etiology/ THROMBOSIS, etiology

6538. **Nathan I, Dvilansky A, Sage J, et al:** Effects of propranolol and pindolol on platelet aggregation and serotonin release. Life Sci 20(3):407–11, 1 Feb 77
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ CELL MEMBRANE, drug effects/ HUMAN/ *PINDOLOL, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ *PROPRANOLOL, pharmacodynamics/ *SEROTONIN, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

6539. **Nathan P, Law EJ, Ogle JD, et al:** Proteolytic enzyme activity in the granulation tissue of the human burn wound. J Trauma 16(11):912–8, Nov 76
ADOLESCENCE/ BANDAGES/ *BURNS, enzymology/ BURNS, therapy/ CHILD/ CHYMOTRYPSIN, analysis/ CLOSTRIDIOPEPTIDASE A, analysis/ DEBRIDEMENT/ *GRANULATION TISSUE, enzymology/ HUMAN/ *PEPTIDE HYDROLASES, analysis/ SKIN/ TIME FACTORS/ TRYPSIN, analysis/ WOUND HEALING

6540. **Nathwani BN, Kim H, Rappaport H:** Malignant lymphoma, lymphoblastic. Cancer 38(2):964–83, Aug 76
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BLOOD PLATELETS, pathology/ CELL NUCLEUS, ultrastructure/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INFANT/ LEUKEMIA, LYMPHOBLASTIC, pathology/ LEUKEMIA, LYMPHOBLASTIC, ultrastructure/ LYMPHOCYTES, pathology/ *LYMPHOSARCOMA, pathology/ LYMPHOSARCOMA, therapy/ LYMPHOSARCOMA, ultrastructure/ MALE/ MEDIASTINAL NEOPLASMS, pathology/ MIDDLE AGE/ SEX FACTORS

6541. **Natsumeda Y, Yoshino M, Tsushima K:** Hypoxanthine-guanine phosphoribosyltransferase from rat liver. Effects of magnesium 5-phosphoribosyl 1-pyrophosphate on the chemical modification and stability of the enzyme. Biochim Biophys Acta 483(1):63–9, 8 Jul 77
ANIMAL/ CHLOROMERCURIBENZOATES, pharmacodynamics/ COMPARATIVE STUDY/ DITHIONITROBENZOIC ACID, pharmacodynamics/ GUANINE NUCLEOTIDES, pharmacodynamics/ HEAT/ *HYPOXANTHINE PHOSPHORIBOSYLTRANSFERASE, metabolism/ HYPOXANTHINES, pharmacodynamics/ *LIVER, enzymology/ MAGNESIUM, pharmacodynamics/ *PENTOSEPHOSPHATES, pharmacodynamics/ *PHOSPHORIBOSYL PYROPHOSPHATE, pharmacodynamics/ PYROPHOSPHATES, pharmacodynamics/ RATS/ TRINITROBENZENESULFONIC ACID, pharmacodynamics/ TRYPSIN

6542. **Nau H, Lerch K, Witte L:** Amino acid sequence determination of the blocked N-terminal tryptic peptide of Neurospora tyrosinase by mass spectrometry. FEBS Lett 79(1):203–6, 1 Jul 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *DIPHENOL OXIDASES/ *NEUROSPORA CRASSA, enzymology/ *NEUROSPORA, enzymology/ PEPTIDE

FRAGMENTS, analysis/ SPECTRUM ANALYSIS, MASS/ TRYPSIN/ *TYROSINASE

6543. **Naumova VI, Andreenko GV, Potapova IN, et al:** Patogeneticheskoe znachenie protsessa gemokoaguliatsii pri glomerulonefrite u deteĭ Pediatriia (2):19–22, Feb 77 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ CHILD/ ENGLISH ABSTRACT/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *GLOMERULONEPHRITIS, blood/ HUMAN

6544. **Navarrete Pando G:** Arteriosclerosis y aterofármacos Angiologia 28(1):12–20, Jan–Feb 76 (Eng. Abstr.) **(Spa)**
*ARTERIOSCLEROSIS, drug therapy/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, adverse effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN

6545. **Navarro C, Sanchez GF:** Intravascular papillary endothelial hyperplasia [letter] Arch Pathol Lab Med 101(8):450, Aug 77
ADULT/ AGED/ ANIMAL/ FEMALE/ HUMAN/ HYPERPLASIA/ PULMONARY ARTERY, pathology/ RABBITS/ THROMBOEMBOLISM, pathology/ VASCULAR DISEASES, diagnosis/ *VASCULAR DISEASES, pathology

6546. **Navratil J:** Beitrag zur chirurgischen Therapie der Varizen der unteren Extremität Wien Klin Wochenschr 88(22):745–7, 26 Nov 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ BANDAGES/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, etiology/ HUMAN/ LEG, blood supply/ LEG, surgery/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ SAPHENOUS VEIN, surgery/ *VARICOSE VEINS, surgery

6547. **Nayak N, Rajaram V, Pattabiraman TN:** Studies on human trypsin & chymotrypsins. Indian J Biochem Biophys 13(4):335–8, Dec 76
CHROMATOGRAPHY, ION EXCHANGE/ *CHYMOTRYPSIN, isolation & purification/ HUMAN/ *ISOENZYMES, isolation & purification/ *PANCREAS, enzymology/ *TRYPSIN, isolation & purification

6548. **Nazarov VG, Shatenevskaia ID:** Sveryvaiushchie i protivosvertyvaiushchie svoĭstva tkaneĭ matochnykh trub krolikov pri éksperimental'nom sal'pingite Akush Ginekol (Mosk) (4):52–5, Apr 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ *FALLOPIAN TUBES, analysis/ FEMALE/ RABBITS/ *SALPINGITIS, metabolism

6549. **Nazarov VG, Ponomarev AT:** Fibrinoliticheskie i antifibrinoliticheskie svoĭstva tkaneĭ matochnykh trub krolikov v norme i pri eksperimental'nom infektsionnom sal'pingite. Akush Ginekol (Mosk) (6):71–2, Jun 77 **(Rus)**
ANIMAL/ *FALLOPIAN TUBES, metabolism/ FEMALE/ FIBRIN, metabolism/ *FIBRINOLYSIS/ PLASMINOGEN, metabolism/ RABBITS/ *SALPINGITIS, metabolism

6550. **Ndugwa CM, Mukidi F:** Sickle cell cephalohaematoma. East Afr Med J 53(9):545–8, Sep 76
ADOLESCENCE/ *ANEMIA, SICKLE CELL, complications/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ CYSTS, etiology/ FEMALE/ *HEAD/ *HEMATOMA, etiology/ HUMAN/ MALE/ SCALP/ SKULL

6551. **Neame PB, Hirsch J:** Thrombotic thrombocytopenic purpura [letter]. Can Med Assoc J 116(7):716, 9 Apr 77
HUMAN/ PLATELET AGGREGATION/ PURPURA, THROMBOTIC THROMBOPENIC, immunology/ *PURPURA, THROMBOTIC THROMBOPENIC, therapy

6552. **Nedel'skiĭ GT, Mikhnovich EP:** Issledovanie sokhrannosti eritrotsitov pri razlichnoĭ skorosti zamorazhivaniia s razlichnymi krioprotektorami.
Probl Gematol Pereliv Krovi 22(6):17–9, Jun 77 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION, methods/ *CRYOPROTECTIVE AGENTS/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ *FREEZING/ HUMAN

6553. **Nedjabat T, Paquet KJ, Thelen M, et al:** Eine neue Technik der transjugulären Cavablockade bei der Ausräumung der akuten Beckenvenen- und unteren Cavavenenthrombose Chirurg 48(1):28–31, Jan 77 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ CASE REPORT/ ENGLISH ABSTRACT/ FEMORAL VEIN, surgery/ HUMAN/ ILIAC VEIN, surgery/ *JUGULAR VEIN, surgery/ MALE/ MIDDLE AGE/ *PELVIS, blood supply/ *THROMBOPHLEBITIS, surgery/ *VENA CAVA, INFERIOR, surgery

6554. **Needleman P, Kulkarni PS, Raz A:** Coronary tone modulation: formation and actions of prostaglandins, endoperoxides, and thromboxanes. Science 195(4276):409–12, 28 Jan 77
ANIMAL/ BLOOD PLATELETS, metabolism/ CATTLE/ *CORONARY VESSELS, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *HYDROXY ACIDS, pharmacodynamics/ IN VITRO/ PEROXIDES/ PROSTAGLANDINS E, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics/ *PYRANS, pharmacodynamics/ RABBITS/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VASOMOTOR SYSTEM, drug effects

6555. **Needleman P, Raz A, Ferrendelli JA, et al:** Application of imidazole as a selective inhibitor thromboxane synthetase in human platelets. Proc Natl Acad Sci USA 74(4):1716–20, Apr 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ HUMAN/ *IMIDAZOLES, pharmacodynamics/ KINETICS/ *OXIDOREDUCTASES, antagonists & inhibitors/ PLATELET AGGREGATION, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6556. **Neef H, Erbe HJ:** Blutungskomplikationen nach Lungenoperationen. Zentralbl Chir 102(11):664–9, 1977 (Eng. Abstr.) **(Ger)**
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ *LUNG DISEASES, surgery/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, etiology/ TIME FACTORS

6557. **Neely AN, Sitzmann JV, Kersey JH:** EGTA and proteinase reversal of cellular aggregation of activated lymphocytes. Nature 264(5588):770–1, 23–30 Dec 76.
CALCIUM, physiology/ *CELL AGGREGATION, drug effects/ *ETHYLENE GLYCOLS, pharmacodynamics/ *EGTA, pharmacodynamics/ HUMAN/ KINETICS/ *LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ *LYMPHOCYTES, physiology/ *PLANT AGGLUTININS, pharmacodynamics/ TEMPERATURE/ *TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6558. **Neemeh JA, St-Germain P, Long L, et al:** Le danger d'un coagulogramme normal Union Med Can 106(1):58–60, Jan 77 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *HEMOPHILIA, blood/ HUMAN/ MALE/ MIDDLE AGE, *VON WILLEBRAND'S DISEASE, blood

6559. **Neetens A, Janssens M:** Occlusion of the central retinal vein: revealing symptom of intraocular pressure-rise. Bull Soc Belge Ophtalmol 173:715–24, 1976
ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION, drug effects/ BLOOD VISCOSITY/ DEXTRAN, therapeutic use/ HEMODYNAMICS, drug effects/ HUMAN/ INTRAOCULAR PRESSURE/ PAPAVERINE, therapeutic use/ *RETINAL VEIN/ RETINAL VEIN, physiopathology/ VASCULAR DISEASES,

diagnosis/ VASCULAR DISEASES, drug therapy

6560. **Negus D:** Vascular disease and diet [letter]. Lancet 1(8001):49, 1 Jan 77
CONSTIPATION, complications/ CONSTRICTION, PATHOLOGIC/ DIET/ HUMAN/ *ILIAC VEIN/ *THROMBOPHLEBITIS, etiology

6561. **Negus D:** The prophylaxis and treatment of thromboembolism. Compr Ther 2(12):15–23, Dec 76
BANDAGES/ DEXTRAN, therapeutic use/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTRIC STIMULATION/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, surgery/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, surgery/ *THROMBOPHLEBITIS, therapy

6562. **Neidhardt MK:** Uberwachung bei Corticoid-und Cytostaticatherapie Monatsschr Kinderheilkd 125(2):53–60, Feb 77 (41 ref.) (Eng. Abstr.) **(Ger)**
*ADRENAL CORTEX HORMONES, adverse effects/ *ANTINEOPLASTIC AGENTS, adverse effects/ BLOOD COAGULATION DISORDERS, chemically induced/ CATARACT, chemically induced/ CHILD/ CUSHING'S SYNDROME, chemically induced/ ENGLISH ABSTRACT/ GASTROINTESTINAL SYSTEM, drug effects/ HEMATOPOIESIS, drug effects/ HUMAN/ IMMUNITY, drug effects/ PSEUDOTUMOR CEREBRI, chemically induced/ REVIEW/ STOMACH ULCER, chemically induced

6563. **Neifeld JP, Doppman JL, Chreitien PB:** Congenital pelvic arteriovenous fistulas: report of a case and review of the literature. J Urol 114(4):648–52, Oct 75
CASE REPORT/ *HEMANGIOMA, CAVERNOUS, congenital/ HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ *PELVIC NEOPLASMS, congenital/ PELVIC NEOPLASMS, diagnosis/ PELVIC NEOPLASMS, surgery/ PELVIS, surgery

6564. **Neilsen PE, Holstein P, Neilsen SL:** Prostaglandin E for impending gangrene [letter]. Lancet 1(8004):192, 22 Jan 77
*ARTERIAL OCCLUSIVE DISEASES, drug therapy/ BLOOD CIRCULATION, drug effects/ BLOOD PRESSURE, drug effects/ FEMORAL ARTERY/ *GANGRENE, prevention & control/ HUMAN/ LEG, blood supply/ PROSTAGLANDINS E, pharmacodynamics/ *PROSTAGLANDINS E, therapeutic use/ *THROMBOPHLEBITIS, drug therapy

6565. **Neimann N, Alexandre P, André E, et al:** L'hémophilie féminine Pediatrie 32(1):5–18, Jan–Feb 77 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMOPHILIA/ HEMOPHILIA, complications/ HUMAN/ SEX FACTORS/ TESTICULAR FEMINIZATION, complications/ TURNER'S SYNDROME, complications

6566. **Nekrasova AA, Zharova EA, Sokolova RI:** Rol' kallikrein-kininovoĭ sistemy pochek v transporte natriia i vody i izmenenie ee pod vliianiem indometatsina Biull Eksp Biol Med 83(4):399–400, Apr 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *DIURESIS, drug effects/ ENGLISH ABSTRACT/ *INDOMETHACIN, pharmacodynamics/ *KALLIKREIN, urine/ *KIDNEY CONCENTRATING ABILITY, drug effects/ MALE/ *NATRIURESIS, drug effects/ RATS

6567. **Nekrasova AA, Sokolova RI, Levitskaia IuV, et al:** Rol' prostaglandin-kininovoĭ sistemy pochek v transporte natriia i vody. Kardiologiia 17(3):108–14, Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BIOLOGICAL TRANSPORT/ DIURESIS/ ENGLISH ABSTRACT/ INDOMETHACIN, pharmacodynamics/ KALLIKREIN, urine/ KALLIKREIN-TRYPSIN INACTIVATOR/ *KIDNEY, metabolism/ *KININS, metabolism/ MALE/ POTASSIUM, urine/ PROSTAGLANDIN ANTAGONISTS/ PROSTAGLANDINS A, metabolism/ PROSTAGLANDINS E, metabolism/ PROSTAGLANDINS F, metabolism/ *PROSTAGLANDINS, metabolism/ RATS/ *SODIUM, metabolism/ *WATER, metabolism

6568. **Nelb GW, Gerth C, Ferry JD:** Rheology of fibrin clots. III. Shear creep and creep recovery of fine ligated and coarse unligated closts. Biophys Chem 5(3):377–87, Sep 76
BLOOD COAGULATION/ *FIBRIN/ HUMAN/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ PROTEIN BINDING/ STRESS, MECHANICAL/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6569. **Nelsestuen GL:** Role of gamma-carboxyglutamic acid. An unusual protein transition required for the calcium-dependent binding of prothrombin to phospholipid. J Biol Chem 251(18):5648–56, 25 Sep 76
BINDING SITES/ *CALCIUM/ CALCIUM, pharmacodynamics/ *GLUTAMATES/ GLUTAMATES, pharmacodynamics/ KINETICS/ MATHEMATICS/ *PHOSPHOLIPIDS/ PHOSPHOLIPIDS, metabolism/ PROTEIN BINDING/ *PROTHROMBIN/ PROTHROMBIN, metabolism/ SPECTROMETRY, FLUORESCENCE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6570. **Nelsestuen GL, Broderius M, Martin G:** Role of gamma-carboxyglutamic acid. Cation specificity of prothrombin and factor X-phospholipid binding. J Biol Chem 251(22):6886–93, 25 Nov 76
ANIMAL/ BINDING SITES/ CATTLE/ ENERGY TRANSFER/ *FACTOR X/ *GLUTAMATES/ KINETICS/ MANGANESE/ *PHOSPHOLIPIDS/ PROTEIN BINDING/ *PROTHROMBIN/ SPECTROMETRY, FLUORESCENCE/ STRONTIUM/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6571. **Nelson DL, Bundy BM, Strober W:** Spontaneous cell-mediated cytotoxicity by human peripheral blood lymphocytes in vitro. J Immunol 119(4):1401–5, Oct 77
ANTIBODIES/ BINDING SITES, ANTIBODY/ CELL SEPARATION/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ HUMAN/ IMMUNITY, CELLULAR/ IMMUNOGLOBULINS, FC/ *LYMPHOCYTES, immunology/ MITOGENS/ SPLEEN, cytology/ TONSIL, cytology/ TRYPSIN

6572. **Nelson E, Blaumanis OR, Forbes MS, et al:** Atherosclerosis--morphological aspects. Adv Neurol 16:31–8, 1977
ANIMAL/ *AORTA, ultrastructure/ *ARTERIOSCLEROSIS, pathology/ *ATHEROSCLEROSIS, pathology/ BLOOD PLATELETS/ *CAROTID ARTERIES, ultrastructure/ ENDOTHELIUM, ultrastructure/ MICROSCOPY, ELECTRON, SCANNING/ RABBITS/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6573. **Nelson JH 3d, Winter CC:** Priapism: evolution of management in 48 patients in a 22-year series. J Urol 117(4):455–8, Apr 77
ADOLESCENCE/ ADULT/ AGED/ ANEMIA, SICKLE CELL, complications/ ANTICOAGULANTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ FOLLOW-UP STUDIES/ GLUCOCORTICOIDS, therapeutic use/ GUANETHIDINE, therapeutic use/ HUMAN/ HYDRALAZINE, adverse effects/ HYDRALAZINE, therapeutic use/ IRRIGATION/ LEUKEMIA, complications/ MALE/ METHAQUALONE, therapeutic use/ MIDDLE AGE/ NEOPLASMS, complications/ PENIS, injuries/ PHENOTHIAZINE TRANQUILIZERS, therapeutic use/ *PRIAPISM/ PRIAPISM, chemically induced/ PRIAPISM, etiology/ PRIAPISM, surgery/ PRIAPISM, therapy/ SUCTION/ TOLBUTAMIDE, therapeutic use

6574. **Nelson LM, Gabbe SG:** Massive hemangiomas and lymphangiomas causing dystocia [letter].

Am J Obstet Gynecol 126(8):1044–5, 15 Dec 76
ADOLESCENCE/ CASE REPORT/ *DYSTOCIA, etiology/ FEMALE/ HEMANGIOMA, congenital/ *HEMANGIOMA, complications/ HUMAN/ INFANT, NEWBORN/ LYMPHANGIOMA, congenital/ *LYMPHANGIOMA, complications/ PREGNANCY

6575. **Nemec HW, Mönig H:** Investigations on radical formation and inactivation of suspended trypsin after gamma-irradiation. Radiat Environ Biophys 14(2):137–45, 29 Jul 77
ALCOHOL, ETHYL/ ALCOHOL, METHYL/ ALKANES/ COBALT RADIOISOTOPES/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ ELECTRON SPIN RESONANCE/ FREE RADICALS/ GAMMA RAYS/ *TRYPSIN, radiation effects

6576. **Němeček S, Petr R, Suba P, et al:** Attempt to influence pharmacologically spinal cord tissue changes after an experimental injury.
Sb Ved Pr Lek Fak Karlovy Univ 18(4–5):439–48, 1975
ANIMAL/ DISEASE MODELS, ANIMAL/ FEMALE/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ METHYLTYROSINES, therapeutic use/ P-CHLOROPHENYLALANINE, therapeutic use/ RABBITS/ *SPINAL CORD INJURIES, drug therapy

6577. **Németh-Csoka M, Kajtár M, Kajtár J:** The role of sulphation of glycosaminoglycans in their structural and functional characteristics. Connect Tissue Res 5(1):1–6, 1977
*CHONDROITIN SULFATES, metabolism/ *CHONDROITIN, analogs & derivatives/ CIRCULAR DICHROISM/ *DEXTRAN, metabolism/ *HEPARIN, metabolism/ METHYLENE BLUE/ MOLECULAR CONFORMATION/ OPTICAL ROTATORY DISPERSION/ SULFATES, metabolism

6578. **Nenashev IE, Golub VP, Al'ianaki GF, et al:** Intrakarotidnaia terapiia septicheskogo tromboza kavernoznykh sinusov Vestn Otorinolaringol (5):68–71, Sep–Oct 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *ANTIBIOTICS, administration & dosage/ ANTIBIOTICS, therapeutic use/ CAROTID ARTERIES/ CASE REPORT/ *CAVERNOUS SINUS/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIN, administration & dosage/ FIBRINOLYSIN, therapeutic use/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ *THROMBOSIS, drug therapy

6579. **Nenci GG, Agnelli G:** Effect of distress on factor-VIII activity [letter] Lancet 1(8026):1373, 25 Jun 77
BLOOD COAGULATION TESTS/ CASE REPORT/ CHILD, PRESCHOOL/ *FACTOR VIII/ FACTOR VIII, analysis/ HEMARTHROSIS, etiology/ HUMAN/ MALE/ *STRESS, blood/ STRESS, complications/ STRESS, PSYCHOLOGICAL

6580. **Neretin VIa, Kiriakov VA:** Sostoianie svertyvaiushcheĭ i protivosvertyvaiushcheĭ sistemy krovi pri narusheniiakh spinal'nogo krovoobrashcheniia Sov Med (11):146–7, Nov 76 **(Rus)**
ADULT/ AGED/ *BLOOD COAGULATION/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *SPINAL CORD DISEASES, blood/ *SPINAL CORD, blood supply

6581. **Neri Serneri GG:** Profilassi della trombosi: stato attuale e prospective Cardiol Prat 27(2):71–6, Jul–Dec 76 (46 ref.) **(Ita)**
ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, therapeutic use/ CEREBRAL EMBOLISM AND THROMBOSIS, prevention & control/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ LONG TERM CARE/ MYOCARDIAL INFARCT, prevention & control/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ REVIEW/ THROMBOPHLEBITIS, prevention & control/ *THROMBOSIS, prevention & control

6582. **Nerke O, Benöhr HC, Thorau U, et al:** Enzymaktivitäten in normalen Thrombozyten verschiedener Dichte Klin Wochenschr 55(2):77–81, 15 Jan 77 (Eng. Abstr.) **(Ger)**
*BLOOD PLATELETS, enzymology/ CELL SEPARATION/ CELL SURVIVAL/ CENTRIFUGATION, DENSITY GRADIENT/ ENGLISH ABSTRACT/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, blood/ HUMAN/ LACTATE DEHYDROGENASE, blood/ PHOSPHOGLYCERATE KINASE, blood/ PYRUVATE KINASE, blood/ SPECIFIC GRAVITY

6583. **Nerke O, Benöhr HC, Waller HD:** Enzymaktivitäten in Thrombozyten verscheidener Dichte bei Probanden mit normaler und erhöhter Thrombozytenzahl.
Verh Dtsch Ges Inn Med 82 Pt 2:1626–8, 1976 **(Ger)**
*BLOOD CELL COUNT/ BLOOD PLATELET DISORDERS, enzymology/ *BLOOD PLATELETS, enzymology/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ HUMAN/ LACTATE DEHYDROGENASE, blood/ SPLENECTOMY

6584. **Nerrmann RP, Marshall LR, Hurst PE:** Bleeding in renal failure: a possible cause [letter] Br Med J 1(6076):1601–2, 18 Jun 77
*FACTOR VIII, analysis/ *HEMORRHAGE, etiology/ HUMAN/ *KIDNEY FAILURE, CHRONIC, complications

6585. **Nesbit RR Jr, Deweese JA:** Mesenteric venous thrombosis and oral contraceptives. South Med J 70(3):360–2, Mar 77
CASE REPORT/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ FEMALE/ HUMAN/ *MESENTERIC VEINS/ *MESTRANOL, adverse effects/ MIDDLE AGE/ *NORETHINDRONE, adverse effects/ *THROMBOSIS, chemically induced

6586. **Nesbit RR Jr:** Subfascial ligation of perforating veins of the leg. Am Surg 43(5):279–82, May 77
ADULT/ AGED/ *FASCIA/ FEMALE/ FOLLOW-UP STUDIES/ GEORGIA/ HUMAN/ LEG ULCER, surgery/ *LEG, blood supply/ LIGATION, methods/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ RECURRENCE/ RETROSPECTIVE STUDIES/ SURGICAL WOUND INFECTION, etiology/ *THROMBOPHLEBITIS, surgery/ VEINS, surgery

6587. **Nesmeianova MA, Maraeva OB, Severin AI, et al:** Deĭstvie detergentov i protsolitícheskikh fermentov na membranosviazannye fosfogidrolazy v kletkakh Escherichia coli s repressirovannym i depressirovannym biosintezom étikh fermentov Biokhimiia 41(7):1256–62, 1976 (Eng. Abstr.) **(Rus)**
BINDING SITES/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, ultrastructure/ DEOXYCHOLIC ACID, pharmacodynamics/ *DETERGENTS, pharmacodynamics/ ENGLISH ABSTRACT/ *ESCHERICHIA COLI, enzymology/ MICROSCOPY, ELECTRON/ PAPAIN, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ *PHOSPHATASES, metabolism/ PRONASE, pharmacodynamics/ TRYPSIN, pharmacodynamics

6588. **Nesterenko GB, Didenko IG:** Sostoianie nekotorykh immunologicheskikh pokazateleĭ u bol'nykh krasnoĭ volchankoĭ i sklerodermieĭ. Vestn Dermatol Venerol (6):16–9, Jun 77 (Eng. Abstr.) **(Rus)**
AGGLUTININS/ BLOOD PLATELETS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEUKOCYTES, immunology/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MALE/ *SCLERODERMA, SYSTEMIC, immunology

6589. **Nesterova NG, Khokhlova YM, Loginova LG, et al:** Properties of proteolytic enzymes isolated from a thermophilic strain of Micromonospora vulgaris 42.
Z Allg Mikrobiol 19(5):353–60, 1976
ALANINE, analysis/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ HYDROGEN-ION CONCENTRATION/ INSULIN, metabolism/

*MICROMONOSPORA, enzymology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, metabolism/ PHENYLALANINE, analysis/ TEMPERATURE

6590. **Nesterova VV:** Osobennosti kinetiki svertyvaniia krovi i pokazateli parakoaguliatsionnykh testov pri revmatoidnom poliartrite u detei Pediatriia (4):27–32, Apr 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ *ARTHRITIS, JUVENILE RHEUMATOID, blood/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ INFANT

6591. **Nestor G:** Tratamentul antiagregant plachetar in bolile renale Rev Med Intern [Med Intern] 28(6):429–34, Nov–Dec 76 (Eng. Abstr.) **(Rum)**
*DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ GLOMERULONEPHRITIS, drug therapy/ *HEPARIN, therapeutic use/ HUMAN/ *INDOMETHACIN, therapeutic use/ *KIDNEY DISEASES, drug therapy

6592. **Neto NR Jr, Martucci RC, de Salvo Reinato JA:** Hemangioma penoscrotal AMB 22(7):256, Jul 76 (Eng. Abstr.) **(Por)**
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENDOTHELIUM, pathology/ ENGLISH ABSTRACT/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ MALE/ *PENILE NEOPLASMS/ PENILE NEOPLASMS, pathology/ SCROTUM, pathology

6593. **Neu I, Schrader A:** Klinik und Therapie des zerebralen apoplektischen Insults Fortschr Med 95(14):904–8, 14 Apr 77 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ BRAIN EDEMA, prevention & control/ *CEREBROVASCULAR DISORDERS, diagnosis/ CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, prevention & control/ CEREBROVASCULAR DISORDERS, rehabilitation/ DIGITALIS GLYCOSIDES, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, prevention & control

6594. **Neubert U, Braun-Falco O:** Mazeration der Zehenzwischenräume und gramnegativer Fussinfekt Hautarzt 27(11):538–43, Nov 76 (Eng. Abstr.) **(Ger)**
CANDIDA/ COAGULASE/ CORYNEBACTERIUM/ ENGLISH ABSTRACT/ FEMALE/ *FOOT DERMATOSES, etiology/ *GRAM-NEGATIVE AEROBIC BACTERIA/ HUMAN/ MALE/ PROTEUS MIRABILIS/ PSEUDOMONAS AERUGINOSA/ SHOES, adverse effects/ SKIN, microbiology/ SOAPS, adverse effects/ STAPHYLOCOCCUS

6595. **Neufeld GK, Branson CG, Marshall LW, et al:** Infective endocarditis as a complication of heroin use. South Med J 69(9):1148–51, Sep 76
ADOLESCENCE/ ADULT/ EMBOLISM, complications/ *ENDOCARDITIS, complications/ ENDOCARDITIS, diagnosis/ ENDOCARDITIS, drug therapy/ FEMALE/ *HEROIN ADDICTION, complications/ HUMAN/ MALE/ METHICILLIN, therapeutic use/ MIDDLE AGE/ PULMONARY EMBOLISM, complications/ *STAPHYLOCOCCAL INFECTIONS, complications/ TRICUSPID VALVE INSUFFICIENCY, complications/ TRICUSPID VALVE INSUFFICIENCY, diagnosis

6596. **Neugebauer G:** Verbesserung der Fliesseigenschaften mit Arwin beim akuten experimentellen Infarkt Z Kardiol 65(11):1010–21, Nov 76 (Eng. Abstr.) **(Ger)**
ANGINA PECTORIS, physiopathology/ ANIMAL/ ANTICOAGULANTS/ BLOOD PRESSURE/ *BLOOD VISCOSITY, drug effects/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ HEART RATE/ LIGATION/ MALE/ MYOCARDIAL CONTRACTION/ MYOCARDIAL INFARCT, physiopathology/ *SNAKES/ *VENOMS, pharmacodynamics

6597. **Neuhof H, Sablofski I, Wilhelmi J, et al:** The activation of intravascular coagulation by bromocarbamide. Int J Clin Pharmacol Biopharm 15(4):176–80, Apr 77
ADULT/ ANIMAL/ ANOXEMIA, chemically induced/ *BLOOD COAGULATION, drug effects/ BLOOD/ *BROMISOVALUM, toxicity/ COMPARATIVE STUDY/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ PENTOBARBITAL, pharmacodynamics/ RABBITS/ SHOCK, blood/ SHOCK, chemically induced/ *UREA, analogs & derivatives

6598. **Neuman I, Creter D:** Hereditary complement defect and kinins involvement in asthma. Ann Allergy 38(2):79–82, Feb 77
ADOLESCENCE/ *ANGIONEUROTIC EDEMA, familial & genetic/ *ASTHMA, etiology/ ASTHMA, metabolism/ BLOOD COAGULATION/ CASE REPORT/ *COMPLEMENT, deficiency/ FIBRINOLYSIS/ HUMAN/ *KININS, metabolism/ MALE/ MIDDLE AGE

6599. **Neumayr A:** Atiopathogenese des Pfortaderhochdruckes. Verh Dtsch Ges Inn Med 82 Pt 2:1991–2009, 1976 **(Ger)**
ADULT/ ALCOHOLISM, complications/ FEMALE/ HEPATITIS, complications/ HUMAN/ *HYPERTENSION, PORTAL, etiology/ LIVER CIRRHOSIS, complications/ MALE/ PREGNANCY/ SPLENOMEGALY, complications/ THROMBOPHLEBITIS, complications

6600. **Neurath H, Walsh KA:** The role of proteases in biological regulation. pp. 29–42.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (21 ref.)
AMINO ACIDS, analysis/ ANIMAL/ BLOOD COAGULATION/ CHYMOTRYPSIN, metabolism/ ENZYME ACTIVATION/ FACTOR X, metabolism/ HUMAN/ LIVER, enzymology/ MONOGRAPH/ PANCREAS, enzymology/ *PEPTIDE HYDROLASES, physiology/ REVIEW/ THROMBIN, metabolism/ TRYPSIN, metabolism

6601. **Neurath H, Walsh KA:** Role of proteolytic enzymes in biological regulation (a review). Proc Natl Acad Sci USA 73(11):3825–32, Nov 76
ANIMAL/ BINDING SITES/ BLOOD COAGULATION FACTORS, metabolism/ ENZYME PRECURSORS, metabolism/ EVOLUTION/ MODELS, BIOLOGICAL/ PEPTIDE HYDROLASES, blood/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN CONFORMATION/ *PROTEIN PRECURSORS, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6602. **Neverova ME, Polunovskiĭ VA, Khrushchov NG:** Morfologicheskoe i radioavtograficheskoe issledovanie reaktivatsii iader kletok peritoneal'nogo ékssudata v geterokarionakh Ontogenez 7(5):475–83, 1976 (Eng. Abstr.) **(Rus)**
ANIMAL/ *ASCITIC FLUID, cytology/ AUTORADIOGRAPHY/ CELL LINE/ *CELL NUCLEUS, metabolism/ CELL NUCLEUS, ultrastructure/ CYTOPLASMIC GRANULES, ultrastructure/ *DNA, biosynthesis/ ENGLISH ABSTRACT/ FIBROBLASTS, ultrastructure/ GRANULOCYTES, ultrastructure/ HEPARIN, metabolism/ *HYBRID CELLS, ultrastructure/ L CELLS/ LEUKOCYTES, ultrastructure/ MAST CELLS, ultrastructure/ RATS/ *RNA, biosynthesis/ THYMIDINE KINASE, metabolism/ THYMIDINE, metabolism/ URIDINE, metabolism

6603. **Neveux JY, Arpesella G, Bex JP, et al:** Trattamento chirurgico dell'embolia polmonare grave Minerva Chir 31(21):1227–32, 15 Nov. 76 **(Ita)**
ACUTE DISEASE/ HUMAN/ METHODS/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, mortality/ *PULMONARY EMBOLISM, surgery

6604. **Neviaser RJ, Newman W:** Dermal angiomyoma of the upper extremity. J Hand Surg 2(4):271–4, Jul 77
ADOLESCENCE/ ADULT/ AGED/ *ARM/ FEMALE/ HAND, surgery/ HEMANGIOMA, pathology/ *HEMANGIOMA, surgery/ HUMAN/ LEIOMYOMA, pathology/ *LEIOMYOMA, surgery/ MALE/ MIDDLE AGE/ SKIN NEOPLASMS, pathology

6605. **New DA, Coppola PT, Cockroft DL:** Improved developement of head-fold rat embryos in culture resulting from low oxygen and modifications of the culture serum. J Reprod Fertil 48(1):219–22, Sep 76
ANIMAL/ BLOOD COAGULATION/ BLOOD/ CENTRIFUGATION/ *CULTURE MEDIA/ *ECTOGENESIS/ EMBRYO, metabolism/ *EMBRYO, physiology/ *OXYGEN/ PROTEINS, biosynthesis/ RATS/ TEMPERATURE/ TIME FACTORS

6606. **Newberry V, Yaguchi M, Garrett RA:** A trypsin-resistant fragment from complexes of ribosomal protein S4 with 16-S RNA of Escherichia coli and from the uncomplexed protein. Eur J Biochem 76(1):51–61, 1 Jun 77
AMINO ACID SEQUENCE/ CHEMISTRY/ *ESCHERICHIA COLI, analysis/ KINETICS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS/ PEPTIDE HYDROLASES/ PROTEIN BINDING/ PROTEIN DENATURATION/ *RIBOSOMAL PROTEINS/ RIBOSOMAL PROTEINS, metabolism/ RIBOSOMES, analysis/ *RNA, BACTERIAL/ RNA, BACTERIAL, metabolism/ STAPHYLOCOCCUS AUREUS, enzymology/ TRYPSIN, metabolism

6607. **Newfeld EA, Waldman d, paul MH, et al:** Pulmonary vascular disease after systemic-pulmonary arterial shunt operations. Am J Cardiol 39(5):715–20, 4 May 77
*AORTA, surgery/ CHILD/ FOLLOW-UP STUDIES/ *HEART DEFECTS, CONGENITAL, surgery/ HEMODYNAMICS/ HUMAN/ *LUNG, blood supply/ LUNG, pathology/ PALLIATIVE TREATMENT/ *PULMONARY ARTERY, surgery/ *SUBCLAVIAN ARTERY, surgery/ *THROMBOSIS, etiology/ THROMBOSIS, pathology/ TIME FACTORS

6608. **Newland H:** The lipid hypothesis [letter]. Ann Intern Med 85(6):826, Dec 76
*ARTERIAL OCCLUSIVE DISEASES, etiology/ HUMAN/ *HYPERLIPEMIA, complications/ *THROMBOSIS, etiology

6609. **Newland PE:** Extracorporeal membrane oxygenation in the treatment of respiratory failure--a review. Anaesth Intensive Care 5(2):99–112, May 77 (73 ref.)
ANOXIA, therapy/ ARTERIES/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD VOLUME/ CARDIOPULMONARY BYPASS/ CATHETERIZATION, methods/ *EXTRACORPOREAL CIRCULATION/ EXTRACORPOREAL CIRCULATION, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ OXYGEN, blood/ *OXYGENATORS, MEMBRANE/ PARENTERAL FEEDING/ *RESPIRATORY INSUFFICIENCY, therapy/ REVIEW/ SEPTICEMIA, etiology/ THROMBOPENIA, etiology/ TIME FACTORS/ TUBE FEEDING/ VEINS/ WATER-ELECTROLYTE BALANCE

6610. **Newman J, Harris RB, Johnson AJ:** Molecular weights of antihaemophilic factor and von Willebrand factor proteins in human plasma. Nature 263(5578):612–3, 14 Oct 76
ADULT/ *BLOOD COAGULATION FACTORS/ *FACTOR VIII/ FEMALE/ HUMAN/ MALE/ MOLECULAR WEIGHT/ ULTRAFILTRATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND FACTOR

6611. **Newman S, Glovsky MM, Ghekiere L, et al:** Quantitative requirements for C3 to induce Forssman systemic shock and cutaneous hemorrhagic vasculitis in guinea pigs. J Allergy Clin Immunol 59(4):327–33, Apr 77
ANAPHYLATOXINS, immunology/ *ANAPHYLAXIS, immunology/ ANIMAL/ ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD PLATELETS, immunology/ *COMPLEMENT 3/ COMPLEMENT 3, analysis/ COMPLEMENT 4, analysis/ COMPLEMENT 5, analysis/ *COMPLEMENT/ COMPLEMENT, analysis/ *FORSSMAN ANTIGEN/ GUINEA PIGS/ *HEMORRHAGE, immunology/ LEUKOCYTES, immunology/ LUNG DISEASES, immunology/ *SKIN DISEASES, immunology/ SNAKE VENOMS, pharmacodynamics/ TIME FACTORS/ *VASCULAR DISEASES, immunology

6612. **Ng LF, Zuzel M, Born GV:** Changes in the concentration of leucocytes and platelets in the peripheral blood during sterile inflammation in rabbits. Br J Exp Pathol 58(2):200–8, Apr 77
ANIMAL/ ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ GLYCOGEN, pharmacodynamics/ *INFLAMMATION, blood/ LEUKOCYTE COUNT/ *LEUKOCYTES/ MALE/ PERITONEAL CAVITY/ PROSTAGLANDINS, biosynthesis/ RABBITS

6613. **Nguyen TP, Ecarlat B, Rouleau P, et al:** Contribution de la phlébographie au dépistage et à la prévention des thromboses veineuses profondes chez les traumatisés des membres inférieurs. A propos de 115 observations Ann Radiol (Paris) 19(6):609–16, Oct 76 (Eng. Abstr.) **(Fre)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEG INJURIES, complications/ MALE/ MIDDLE AGE/ *PHLEBOGRAPHY, methods/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology

6614. **Nicholas GG, Miller FJ, Demuth WE Jr, et al:** Clinical vascular laboratory diagnosis of deep venous thrombosis. Ann Surg 186(2):213–5, Aug 77
DOPPLER EFFECT/ HUMAN/ PHLEBOGRAPHY/ PHYSICAL EXAMINATION/ PLETHYSMOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS, diagnostic use

6615. **Nichols C, Brightman VJ:** Parotid calcifications and cementomas in a patient with Sjögren's syndrome and idiopathic thrombocytopenic purpura. J Oral Pathol 6(1):51–60, Jan 77
*CALCINOSIS, etiology/ CALCINOSIS, pathology/ CALCINOSIS, radiography/ CASE REPORT/ *CEMENTOMA, etiology/ CEMENTOMA, pathology/ CEMENTOMA, radiography/ FEMALE/ HUMAN/ MIDDLE AGE/ *ODONTOGENIC TUMOR, etiology/ *PAROTID GLAND, pathology/ PAROTID GLAND, radiography/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, pathology/ PURPURA, THROMBOPENIC, radiography/ *SJOGREN'S SYNDROME, complications/ SJOGREN'S SYNDROME, pathology/ SJOGREN'S SYNDROME, radiography/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6616. **Nick M, Brückler J, Schaerg W, et al:** Bestimmung und partielle Reinigung von Staphylokinase Zentralbl Bakteriol [Orig A] 237(2–3):160–6, 1977 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ ISOELECTRIC FOCUSING/ *PLASMINOGEN ACTIVATORS, isolation & purification/ *STAPHYLOCOCCUS AUREUS, enzymology/ *STREPTOKINASE, isolation & purification

6617. **Nicolaescu V, Nuţă M:** Tratamentul medicol actual al endocarditei infecţioase. Rev Med Intern [Med Intern] 29(2):97–103, Mar-Apr 77 (0 ref.) **(Rum)**
ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ *ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ DRUG THERAPY, COMBINATION/ *ENDOCARDITIS, BACTERIAL, drug therapy/ HUMAN/ REVIEW

6618. **Nicolaescu V, Carp C, Câmpeanu A, et al:** Consideraţii privind tulburările de ritm şi tratamentul lor în cordul pulmonar cronic. Rev Med Intern [Med Intern] 29(3):225–30, May-Jun 77 (Eng. Abstr.) **(Rum)**
AGED/ *ARRHYTHMIA, etiology/ ARRHYTHMIA, therapy/ CHRONIC DISEASE/

DIGITALIS GLYCOSIDES, administration & dosage/ DIGITALIS GLYCOSIDES, poisoning/ DIURETICS, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ OXYGEN INHALATION THERAPY/ PULMONARY EMBOLISM, complications/ *PULMONARY HEART DISEASE, complications/ RESPIRATORY TRACT INFECTIONS, complications/ WATER-ELECTROLYTE IMBALANCE, complications

6619. **Nicolaides AN, Clark CT, Thomas RD, et al:** Fibrinolytic activator in the endothelium of the veins of the lower limb. Br J Surg 63(11):881–4, Nov 76
AGED/ ENDOTHELIUM, enzymology/ FEMALE/ FEMORAL VEIN, enzymology/ *FIBRINOLYSIS/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ PLASMINOGEN ACTIVATORS, analysis/ POPLITEAL VEIN, enzymology/ THROMBOPHLEBITIS, etiology/ *VEINS, enzymology

6620. **Nicolaides AN, Clark CT, Thomas RD, et al:** Fibrinolytic activator in the endothelium of the veins of the lower limb. Br J Surg 63(11):881–4, Nov 76
AGED/ ENDOTHELIUM, analysis/ FEMALE/ FEMORAL VEIN, analysis/ FIBRINOLYSIS/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *PLASMINOGEN ACTIVATORS, analysis/ POPLITEAL VEIN, analysis/ TIME FACTORS/ VEINS, analysis

6621. **Niden AH, Mishkin FS, Khurana MM, et al:** 67Ga lung scan. An aid in the differential diagnosis of pulmonary embolism and pneumonitis. JAMA 237(12):1206–11, 21 Mar 77
ACUTE DISEASE/ ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ *GALLIUM RADIOISOTOPES, diagnostic use/ HUMAN/ LUNG, physiopathology/ *PNEUMONIA, diagnosis/ PULMONARY ARTERY, radiography/ PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING/ RESPIRATION/ SPIROMETRY

6622. **Niederle P, Reneltová I, Rossmann P, et al:** Clinical detection of rejection nephropathy using 125I-labelled fibrinogen. Int Urol Nephrol 8(1):71–7, 1976
FEMALE/ *FIBRINOGEN, diagnostic use/ *GRAFT REJECTION/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ KIDNEY, metabolism/ *KIDNEY, transplantation/ MALE/ TRANSPLANTATION, HOMOLOGOUS

6623. **Niederle P, Přerovský I:** Non-invasive diagnosis of deep vein thrombosis. Correlation of three methods, compared with phlebography and clinical diagnosis. Vasa 5(4):346–51, 1976
COMPARATIVE STUDY/ HUMAN/ *LEG, blood supply/ PHLEBOGRAPHY/ PLETHYSMOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography

6624. **Nielsen CJ, Vogel WM, Pratt WB:** Inactivation of glucocorticoid receptors in cell-free preparations of rat liver. Cancer Res 37(9):3420–6, Sep 77
ANIMAL/ CELL-FREE SYSTEM/ CENTRIFUGATION/ CYTOSOL, metabolism/ ENZYMES, pharmacodynamics/ IN VITRO/ KIDNEY, metabolism/ KINETICS/ LIVER, enzymology/ *LIVER, metabolism/ MALE/ MYOCARDIUM, metabolism/ ORGAN SPECIFICITY/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ RECEPTORS, GLUCOCORTICOID, drug effects/ *RECEPTORS, GLUCOCORTICOID, metabolism/ *RECEPTORS, STEROID, metabolism/ THYMUS GLAND, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6625. **Nielsen JD:** Man-Hegglin's anomali Ugeskr Laeger 138(36):2167, 30 Aug 76 **(Dan)**
*BASOPHILS/ EOSINOPHILS/ *HEMATOLOGIC DISEASES, familial & genetic/ HUMAN/ NEUTROPHILS/ SYNDROME/ THROMBOPENIA, familial & genetic

6626. **Nielsen K, Arrigoni-Martelli E:** Effects on rat urinary kallikrein excretion of bumetanide, bendroflumethiazide and hydralazine. Acta Pharmacol Toxicol (Kbh) 40(2):267–72, Feb 77
ADMINISTRATION, ORAL/ ANIMAL/ BENDROFLUMETHIAZIDE, administration & dosage/ *BENDROFLUMETHIAZIDE, pharmacodynamics/ BUMETANIDE, administration & dosage/ *BUMETANIDE, pharmacodynamics/ *DIURETICS, SULFAMYL, pharmacodynamics/ HYDRALAZINE, administration & dosage/ *HYDRALAZINE, pharmacodynamics/ HYPERTENSION, enzymology/ *KALLIKREIN, urine/ MALE/ RATS/ RATS, INBRED STRAINS/ RENIN, blood/ SODIUM, urine/ TIME FACTORS

6627. **Nielsen KC, Olsen UB, Ronne A, et al:** Investigations on the antihypertensive activity of timolol and bendroflumethiazide and the combination in dogs and rats. Acta Pharmacol Toxicol (Kbh) 39(5):500–12, 1976
ANIMAL/ *ANTIHYPERTENSIVE AGENTS/ *BENDROFLUMETHIAZIDE, pharmacodynamics/ *BLOOD PRESSURE, drug effects/ DOGS/ DRUG COMBINATIONS/ DRUG INTERACTIONS/ DRUG SCREENING/ FEMALE/ HYPERTENSION, RENAL, metabolism/ KALLIKREIN, urine/ MALE/ POTASSIUM, blood/ *PROPANOLAMINES, pharmacodynamics/ RATS/ RENIN, blood/ *TIMOLOL, pharmacodynamics

6628. **Nielubowicz J, Szostek M:** Recanalisation of venous thrombosis. J Cardiovasc Surg (Torino) 17(6):519–26, Nov-Dec 76
ADOLESCENCE/ ADULT/ AGED/ ANIMAL/ DOGS/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOPHLEBITIS, pathology/ *THROMBOPHLEBITIS, surgery

6629. **Niemarkt JE, Denucé JM:** Antigenicity of purified chorionase (hatching enzyme) from the Teleost Oryzias latipes [proceedings] Arch Int Physiol Biochim 85(2):425–6, Apr 77
ANIMAL/ ANTIGENS/ *CHORION/ FEMALE/ *FETAL MEMBRANES/ FISHES/ GEL DIFFUSION TESTS/ IMMUNOELECTROPHORESIS/ *PEPTIDE HYDROLASES, immunology/ PEPTIDE HYDROLASES, isolation & purification/ RABBITS, immunology

6630. **Niemetz J, Morrison DC:** Lipid A as the biologically active moiety in bacterial endotoxin (LPS)-initiated generation of procoagulant activity by peripheral blood leukocytes. Blood 49(6):947–56, Jun 77
ANIMAL/ *BLOOD COAGULATION FACTORS, physiology/ BLOOD COAGULATION/ ESCHERICHIA COLI/ HUMAN/ *LEUKOCYTES, physiology/ LIPID A, isolation & purification/ *LIPID A, physiology/ *LIPOPOLYSACCHARIDES, pharmacodynamics/ *LIPOPOLYSACCHARIDES, physiology/ RABBITS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6631. **Nier H, Ulrich B, Jacobs G, et al:** Frühkomplikationen und Spätergebnisse nach totaler Gastrektomie Ein Beitrag zur Wahl des Rekonstruktionsverfahrens anhand eigener Beobachtungen Langenbecks Arch Chir 340(4):263–72, 23 Apr 76 (Eng. Abstr.) **(Ger)**
BODY WEIGHT/ COLONIC DISEASES, diagnosis/ ENGLISH ABSTRACT/ GERMANY, WEST/ HUMAN/ INTESTINAL FISTULA, diagnosis/ MALE/ MIDDLE AGE/ PANCREATIC FISTULA, diagnosis/ PNEUMONIA, diagnosis/ *POSTGASTRECTOMY SYNDROMES, diagnosis/ POSTGASTRECTOMY SYNDROMES, mortality/ PULMONARY EMBOLISM, diagnosis/ THROMBOPHLEBITIS, diagnosis/ TIME FACTORS

6632. **Niesel P:** Die retinalen Thrombosen das klinische Bild Klin Monatsbl Augenheilkd 170(2):186–92, Feb 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ FLUORESCENCE ANGIOGRAPHY/ HUMAN/ INTRAOCULAR PRESSURE/ OPHTHALMOSCOPY/ PROGNOSIS/ REGIONAL BLOOD FLOW/ RETINAL DISEASES, diagnosis/ *RETINAL VESSELS/ RETINAL VESSELS,

physiopathology/ *THROMBOSIS, diagnosis/ THROMBOSIS, physiopathology/ VISUAL FIELDS

6633. **Niessner H:** Die Laboratoriumsdiagnostik des von-Willebrand-Jürgens-Syndroms
Wien Klin Wochenschr 88(7):221-31, 2 Apr 76 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ FACTOR VIII, metabolism/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ RISTOCETIN, diagnostic use/ RISTOCETIN, pharmacodynamics/ VON WILLEBRAND'S DISEASE, blood/ *VON WILLEBRAND'S DISEASE, diagnosis

6634. **Niessner H, Pichler M:** Gerinnungsstörungen im Rahmen der Hämoperfusion Wien Klin Wochenschr 89(10):347-50, 13 May 77 (Eng. Abstr.) **(Ger)**
ALPHA MACROGLOBULINS, analysis/ ANTITHROMBINS, analysis/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION/ BLOOD PLATELETS/ CHARCOAL/ ENGLISH ABSTRACT/ FACTOR VIII, analysis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ *HEMODIALYSIS, adverse effects/ HEPARIN CO-FACTOR, analysis/ HUMAN/ PLASMINOGEN, analysis/ PLATELET AGGREGATION/ PSEUDOCHOLINESTERASE, metabolism

6635. **Niessner H, Lechner K, Nowotny C, et al:** Fibrinolytische und Antikoagulantientherapie der akuten tiefen Venenthrombose. Acta Med Austriaca® [Suppl] (3):224-5, 1976 **(Ger)**
*ANTICOAGULANTS, therapeutic use/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ UROKINASE, therapeutic use

6636. **Nieuwenhuis FJ, Bakkenist AR:** Isolation and characterization of an inhibitory subunit of the Mg2+--Ca2+-ATPase of Escherichia coli.
Biochim Biophys Acta 459(3):596-604, 11 Mar 77
*ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, isolation & purification/ ADENOSINE TRIPHOSPHATASE, metabolism/ AMINO ACIDS, analysis/ ANIMAL/ *BACTERIAL PROTEINS, physiology/ *CALCIUM, pharmacodynamics/ CATTLE/ CHLOROPLASTS, enzymology/ ENZYME ACTIVATION/ ESCHERICHIA COLI, drug effects/ *ESCHERICHIA COLI, enzymology/ KINETICS/ *MAGNESIUM, pharmacodynamics/ MITOCHONDRIA, MUSCLE, enzymology/ MOLECULAR WEIGHT/ MYOCARDIUM/ PLANTS/ SPECIES SPECIFICITY/ TRYPSIN, pharmacodynamics/ UREA, pharmacodynamics

6637. **Nieuwenhuizen W, Wijngaards G, Groeneveld E:** Synthetic substrates and the discrimination between urokinase and tissue plasminogen activator activity. Thromb Res 11(1):87-9, Jul 77
FLUOROMETRY/ HUMAN/ HYDROLYSIS/ IN VITRO/ KINETICS/ *PEPTIDE PEPTIDOHYDROLASES/ *PLASMINOGEN ACTIVATORS/ PLASMINOGEN ACTIVATORS, metabolism/ *UROKINASE

6638. **Nievel JG, Robinson N:** Role of thyroid hormones in the control of the synthesis of endoplasmic reticulum in rapidly growing neonatal brain and in the hepatocytes during experimentally induced liver growth and nodular hyperplasia. Biochem Soc Trans 4(5):930-1, 1976
AGING/ ANIMAL/ ANIMALS, NEWBORN/ BRAIN, growth & development/ *BRAIN, metabolism/ COMPARATIVE STUDY/ COUMARINS, pharmacodynamics/ *ENDOPLASMIC RETICULUM, metabolism/ HYPERPLASIA, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ LIVER, pathology/ ORGAN SPECIFICITY/ RATS/ RIBOSOMES, metabolism/ *RNA, biosynthesis/ RNA, MESSENGER, biosynthesis/ *THYROID GLAND, physiology/ THYROIDECTOMY/ TRANSCRIPTION, GENETIC, drug effects/ TRANSLATION, GENETIC, drug effects

6639. **Nievel JG, Anderson J, Bray PF:** Biochemical changes in liver and blood underlying parenchymal damage of rat liver induced by a dose-dependent effect of drugs before and after development of liver enlargement and nodular hyperplasia. Biochem Soc Trans 4(5):932-3, 1976
ANIMAL/ *BUTYLATED HYDROXYTOLUENE, pharmacodynamics/ *COUMARINS, pharmacodynamics/ *CRESOLS, pharmacodynamics/ FEMALE/ HYPERPLASIA, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ LIVER, pathology/ *PHENOBARBITAL, pharmacodynamics/ RATS/ TRANSLATION, GENETIC, drug effects

6640. **Nievel JG:** Studies on the relationship between effects on membranes and ribosomal aggregates in high-power electron micrography and on macromolecular synthesis induced by drugs and environmental chemicals.
Biochem Soc Trans 4(5):933-5, 1976
ANIMAL/ *BUTYLATED HYDROXYTOLUENE, pharmacodynamics/ *CELL MEMBRANE, metabolism/ CELL MEMBRANE, ultrastructure/ COUMARINS, pharmacodynamics/ *CRESOLS, pharmacodynamics/ ENDOPLASMIC RETICULUM, drug effects/ ENDOPLASMIC RETICULUM, metabolism/ FEMALE/ LIVER, drug effects/ *LIVER, metabolism/ MICROSCOPY, ELECTRON/ *PHENOBARBITAL, pharmacodynamics/ POLYRIBOSOMES, drug effects/ *POLYRIBOSOMES, metabolism/ POLYRIBOSOMES, ultrastructure/ RATS/ TRANSCRIPTION, GENETIC, drug effects/ TRANSLATION, GENETIC, drug effects

6641. **Nieves PM, Perez J, Suárez JA:** Hemorrhoidectomy--how I do it: experience with the St. Mark's Hospital technique for emergency hemorrhoidectomy. Dis Colon Rectum 20(3):197-201, Apr 77
ADULT/ *EMERGENCIES/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, complications/ HEMORRHOIDS, complications/ *HEMORRHOIDS, surgery/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ NECROSIS, complications/ POSTOPERATIVE COMPLICATIONS, etiology/ RECTAL PROLAPSE, complications/ THROMBOSIS, complications/ URINATION DISORDERS, etiology/ VENEZUELA

6642. **Niewiarowski S, Millman M:** Potentiation of the thrombin induced platelet release reaction by fibrin. Thromb Res 9(2):181-90, Aug 76
*BLOOD COAGULATION/ *BLOOD PLATELETS, metabolism/ CLOT RETRACTION/ *FIBRIN, metabolism/ FIBRINOGEN/ HUMAN/ PEPTIDE HYDROLASES/ SNAKE VENOMS, pharmacodynamics/ *THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6643. **Niewiarowski S:** Report of the working party on platelets. Platelet factor 4 (PF4), Platelet protein with heparin neutralizing activity. Thromb Haemostas 36(1):273-6, 31 Aug 76
AMINO ACIDS, analysis/ ANIMAL/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, metabolism/ CELL MEMBRANE, metabolism/ HUMAN/ MOLECULAR WEIGHT/ *PLATELET FACTOR 4/ PLATELET FACTOR 4, analysis/ PLATELET FACTOR 4, metabolism/ PROTEOGLYCANS, metabolism/ SOLUBILITY/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6644. **Niewiarowski S, Budzynski AZ, Lipinski B:** Significance of the intact polypeptide chains of human fibrinogen in ADP-induced platelet aggregation. Blood 49(4):635-44, Apr 77
*ADENOSINE DIPHOSPHATE/ BLOOD PLATELETS, physiology/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ HUMAN/ PEPTIDES/ *PLATELET AGGREGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6645. **Niewiarowski S, Kirby EP, Stocker K:** Throbocytin-a novel platelet activating enzyme from Bothrops atrox venom. Thromb Res 10(6):863-9, Jun 77
HUMAN/ *PEPTIDE HYDROLASES,

pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ *SNAKE VENOMS, pharmacodynamics

6646. **Nigam VN, Brailovsky CA:** Disposition of glycoproteins in plasma membrane of cultured rat embryonic fibroblasts. Biochim Biophys Acta 468(3):472–85, 1 Aug 77
ANIMAL/ CELL FRACTIONATION/ *CELL MEMBRANE, analysis/ CELL MEMBRANE, ultrastructure/ CELLS, CULTURED/ EMBRYO/ FEMALE/ FIBROBLASTS, analysis/ *GLYCOPROTEINS, analysis/ MEMBRANE PROTEINS, analysis/ MOLECULAR WEIGHT/ NEURAMINIDASE/ PREGNANCY/ RATS/ SIALIC ACIDS, analysis/ TRYPSIN

6647. **Nightingale TE:** Acute isovolemic anemia in anesthetized chickens. Am J Physiol 231(5 Pt. 1):1451–6, Nov 76
ACUTE DISEASE/ ANEMIA, blood/ ANEMIA, etiology/ ANEMIA, physiopathology/ *ANEMIA, veterinary/ ANESTHESIA/ ANIMAL/ BLOOD PRESSURE/ BLOOD VISCOSITY/ CARDIAC OUTPUT/ *CHICKENS/ DEXTRAN/ ELECTROLYTES, analysis/ ELECTROLYTES, blood/ HEART RATE/ HEMATOCRIT/ HEMOGLOBINS, analysis/ MALE/ OSMOLAR CONCENTRATION/ OXYGEN, blood/ PLASMA SUBSTITUTES, analysis/ POULTRY DISEASES, blood/ *POULTRY DISEASES, physiopathology/ VISCOSITY

6648. **Nigst H:** Neuropathie des N. ulnaris am Handgelenk: Operationsbefunde Handchirurgie 8(2):125–6, 1976 (Eng. Abstr.) **(Ger)**
ADHESIONS, complications/ ENGLISH ABSTRACT/ HUMAN/ NERVE COMPRESSION SYNDROMES, complications/ NEUROMA, complications/ PERIPHERAL NERVE DISEASES, etiology/ *PERIPHERAL NERVE DISEASES, surgery/ THROMBOSIS, complications/ *ULNAR NERVE, surgery/ WRIST, surgery

6649. **Nijkamp FP, Moncada S, White HL, et al:** Diversion of prostaglandin endoperoxide metabolism by selective inhibition of thromboxane A2 biosynthesis in lung, spleen or platelets. Eur J Pharmacol 44(2):179–86, 15 Jul 77
ARACHIDONIC ACIDS, metabolism/ AUTORADIOGRAPHY/ BIOLOGICAL ASSAY/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CATS/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ DEPRESSION, CHEMICAL/ GUINEA PIGS/ HUMAN/ *HYDROXY ACIDS, biosynthesis/ HYDROXY ACIDS, blood/ IMIDAZOLES, pharmacodynamics/ IN VITRO/ LUNG, drug effects/ *LUNG, metabolism/ MUSCLE CONTRACTION, drug effects/ MUSCLE, SMOOTH, drug effects/ PROSTAGLANDIN SYNTHASE, blood/ *PROSTAGLANDINS, metabolism/ PYRANS, biosynthesis/ PYRANS, blood/ RABBITS/ RATS/ SPLEEN, drug effects/ *SPLEEN, metabolism

6650. **Nikai T, Sugihara H, Tanaka T:** [Enzymochemical studies on snake venoms. II. Purification of lethal protein Ac1-proteinase in the venom of Agkistrodon acutus (author's transl)] J Pharm Soc Jpn 97(5):507–14, May 77 (Eng. Abstr.) **(Jpn)**
ANIMAL/ ENGLISH ABSTRACT/ LETHAL DOSE 50/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, isolation & purification/ RATS/ *SNAKE VENOMS, analysis

6651. **Nikkilä EA, Huttunen JK, Ehnholm C:** Postheparin plasma lipoprotein lipase and hepatic lipase in diabetes mellitus. Relationship to plasma triglyceride metabolism. Diabetes 26(1):11–21, Jan 77
ADOLESCENCE/ ADULT/ BLOOD SUGAR/ DIABETES MELLITUS, blood/ DIABETES MELLITUS, drug therapy/ *DIABETES MELLITUS, enzymology/ DIABETES MELLITUS, JUVENILE, blood/ DIABETES MELLITUS, JUVENILE, drug therapy/ *DIABETES MELLITUS, JUVENILE, enzymology/ FEMALE/ *HEPARIN/ HUMAN/ HYPOGLYCEMIC AGENTS, pharmacodynamics/ HYPOGLYCEMIC AGENTS, therapeutic use/ INSULIN, blood/ INSULIN, pharmacodynamics/ INSULIN, therapeutic use/ *LIPASE, blood/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, VLDL, blood/ *LIVER, enzymology/ MALE/ MIDDLE AGE/ OBESITY, blood/ OBESITY, enzymology/ *TRIGLYCERIDES, blood

6652. **Nikkilä EA, Huttunen JK, Ehnholm C:** Effect of clofibrate on postheparin plasma triglyceride lipase activities in patients with hypertriglyceridemia. Metabolism 26(2):179–86, Feb 77
ADULT/ CHOLESTEROL, blood/ *CLOFIBRATE, pharmacodynamics/ COMPARATIVE STUDY/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ *LIPASE, blood/ *LIPOPROTEIN LIPASE, blood/ MALE/ MIDDLE AGE/ *TRIGLYCERIDES, blood

6653. **Nikkilä EA, Ylikahri R, Huttunen JK:** Gemfibrozil: effect on serum lipids, lipoproteins, postheparin plasma lipase activities and glucose tolerance in primary hypertriglyceridaemia. Proc R Soc Med 69 Suppl 2:58–63, 1976
ADOLESCENCE/ ADULT/ ANTILIPEMIC AGENTS, adverse effects/ *ANTILIPEMIC AGENTS, pharmacodynamics/ CHOLESTEROL, blood/ DEPRESSION, CHEMICAL/ FEMALE/ GLUCOSE TOLERANCE TEST/ *GLUCOSE, metabolism/ HEPARIN, pharmacodynamics/ HUMAN/ *HYPERLIPEMIA, blood/ HYPERLIPEMIA, physiopathology/ INSULIN, blood/ *LIPASE, blood/ *LIPIDS, blood/ *LIPOPROTEINS, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ MIDDLE AGE/ TIME FACTORS/ *TRIGLYCERIDES, blood/ VALERATES, adverse effects/ *VALERATES, pharmacodynamics/ XYLENES, adverse effects/ *XYLENES, pharmacodynamics

6654. **Nikolaev MP, Mumladze NI:** Sluchaĭ gemmagemangiomy polosti nosa. Vestn Otorinolaringol (3):97–8, May–Jun 77 **(Rus)**
CASE REPORT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HUMAN/ MIDDLE AGE/ *NOSE NEOPLASMS/ NOSE NEOPLASMS, diagnosis

6655. **Nikol'skiĭ NN, Novikov IP, Troshin AS:** Issledovanie mekhanizma vliianiia insulina na dykhanie skeletnykh myshts liagushi (Rana temporaria)
Dokl Akad Nauk SSSR 232(2):470–3, 11 Feb 77 **(Rus)**
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL/ BIOLOGICAL TRANSPORT, drug effects/ CARBOHYDRATES, metabolism/ CYCLOHEXIMIDE, pharmacodynamics/ DRUG INTERACTIONS/ EPINEPHRINE, metabolism/ EPINEPHRINE, pharmacodynamics/ FROGS/ *INSULIN, pharmacodynamics/ LANTHANUM, pharmacodynamics/ *MUSCLES, metabolism/ *OXYGEN CONSUMPTION, drug effects/ PROCAINE, pharmacodynamics/ RANA TEMPORARIA/ RECEPTORS, INSULIN, drug effects/ TRYPSIN, pharmacodynamics

6656. **Nikonenko AS, Shval'b PG, Pigin SA:** Khirurgicheskaia taktika pri ostroĭ arterial'noĭ neprokhodimosti posle rekonstruktivnykh operatsiĭ na arteriiakh nizhnikh konechnosteĭ. Vestn Khir 118(5):70–2, May 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ ENGLISH ABSTRACT/ HUMAN/ *LEG, blood supply/ MIDDLE AGE/ THROMBOSIS, surgery

6657. **Niksic M, Balogh M:** Uber Gerinnungsstörungen bei Kehlkopf- und Rachen-malignomen
Laryngol Rhinol Otol (Stuttg) 55(5):414–9, May 76 (Eng. Abstr.) **(Ger)**
*DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ LARYNGEAL NEOPLASMS, blood/ *LARYNGEAL NEOPLASMS, complications/ PHARYNGEAL NEOPLASMS, blood/ *PHARYNGEAL NEOPLASMS, complications/ PROTHROMBIN TIME/

THROMBELASTOGRAPHY

6658. **Nilsen OG, Storstein L, Jacobsen S:** Effect of heparin and fatty acids on the binding of quinidine and warfarin in plasma. Biochem Pharmacol 26(3):229–35, 1 Feb 77
ADULT/ *BLOOD PROTEINS, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ *FATTY ACIDS, NONESTERIFIED, pharmacodynamics/ *HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ LIPOPROTEINS, blood/ MALE/ PALMITIC ACIDS, blood/ PALMITIC ACIDS, pharmacodynamics/ PROTEIN BINDING, drug effects/ *QUINIDINE, blood/ SERUM ALBUMIN, metabolism/ TIME FACTORS/ *WARFARIN, blood

6659. **Nilsson A:** Effects of anti-microtubular agents and cycloheximide on the metabolism of chylomicron cholesteryl esters by hepatocyte suspensions. Biochem J 162(2):367–77, 15 Feb 77
ANIMAL/ BLOOD/ *CHOLESTEROL ESTERS, metabolism/ *CHOLESTEROL, analogs & derivatives/ *CHYLOMICRONS, metabolism/ *COLCHICINE, pharmacodynamics/ *CYCLOHEXIMIDE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HYDROLYSIS/ IN VITRO/ LIPOPROTEINS, VLDL, metabolism/ LIVER, cytology/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ RATS/ TRYPSIN, pharmacodynamics/ *VINBLASTINE, pharmacodynamics

6660. **Nilsson IM:** Management of haemophilia in Sweden. Thromb Haemostas 35(3):510–21, 30 Jun 76
ADOLESCENCE/ ADULT/ AMBULATORY CARE/ ANTIGENS/ CHILD/ CHRISTMAS DISEASE, occurrence/ CYCLOPHOSPHAMIDE, therapeutic use/ FACTOR VIII, antagonists & inhibitors/ HEMOPHILIA, drug therapy/ HEMOPHILIA, occurrence/ *HEMOPHILIA, therapy/ HUMAN/ MALE/ MIDDLE AGE/ SWEDEN

6661. **Nilsson IM, Hedner U, Ahlberg A, et al:** Surgery of hemophiliacs--20 years' experience. World J Surg 1(1):55–66, Jan 77
ADOLESCENCE/ ADULT/ ANTICOAGULANTS, therapeutic use/ APPENDECTOMY/ CHILD/ CHILD, PRESCHOOL/ CHOLECYSTECTOMY/ *CHRISTMAS DISEASE, complications/ CYSTS, complications/ CYSTS, surgery/ DUODENAL ULCER, complications/ DUODENAL ULCER, surgery/ FACTOR IX/ FACTOR VIII/ HEMATOMA, SUBDURAL, complications/ HEMATOMA, SUBDURAL, surgery/ *HEMOPHILIA, complications/ HUMAN/ MIDDLE AGE/ NEOPLASMS, complications/ NEOPLASMS, surgery/ ORTHOPEDICS/ OSTEOTOMY/ STOMACH ULCER, complications/ STOMACH ULCER, surgery/ *SURGERY, OPERATIVE

6662. **Nilsson IM:** Von Willebrand's disease--fifty years old. Acta Med Scand 201(6):497–508, 1977
FACTOR VIII/ FEMALE/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MALE/ PEDIGREE/ PLATELET ADHESIVENESS/ VON WILLEBRAND'S DISEASE, diagnosis/ VON WILLEBRAND'S DISEASE, familial & genetic/ *VON WILLEBRAND'S DISEASE, history

6663. **Nilsson IM:** Coagulation, fibrinolysis and venous thrombosis. Triangle 16(1):19–27, 1977 (76 ref.)
ANTITHROMBINS, analysis/ BLOOD COAGULATION FACTORS, physiology/ *BLOOD COAGULATION/ COLLAGEN, physiology/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ REVIEW/ *THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, etiology

6664. **Nilsson-Ehle P, Schotz MC:** A stable, radioactive substrate emulsion for assay of lipoprotein lipase. J Lipid Res 17(5):536–41, Sep 76
ANIMAL/ EMULSIONS/ HEPARIN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *LIPOPROTEIN LIPASE, analysis/ LIPOPROTEIN LIPASE, blood/ METHODS/ RATS/ TRITIUM/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6665. **Nirenberg A:** High-dose methotrexate for the patient with osteogenic sarcoma. Am J Nurs 76(11):1776–80, Nov 76
ADMINISTRATION, ORAL/ ADOLESCENCE/ AMPHOTERICIN B, therapeutic use/ ANOREXIA, chemically induced/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ CITROVORUM FACTOR, administration & dosage/ CITROVORUM FACTOR, therapeutic use/ DERMATITIS MEDICAMENTOSA, etiology/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAMUSCULAR/ *METHOTREXATE, administration & dosage/ METHOTREXATE, adverse effects/ METHOTREXATE, therapeutic use/ MONILIASIS, drug therapy/ NAUSEA, chemically induced/ PNEUMOTHORAX, chemically induced/ *SARCOMA, OSTEOGENIC, drug therapy/ SARCOMA, OSTEOGENIC, nursing/ SARCOMA, OSTEOGENIC, surgery/ STOMATITIS, chemically induced/ VOMITING, chemically induced

6666. **Nishibe H:** [Inhibition mechanism to thrombin by antithrombins (author's transl)] Jpn J Clin Pathol 24(5):425–8, May 76 **(Jpn)**
*ANTITHROMBINS, physiology/ FIBRINOGEN, physiology/ HEPARIN CO-FACTOR, physiology/ MACROGLOBULINS/ *THROMBIN, antagonists & inhibitors

6667. **Nishijima Y, Yoshimoto T, Hori S, et al:** Postmortem examination of patients with non-surgically treated ruptured aneurysms. Neurol Med Chir (Tokyo) 16(PT1):97–104, 1976
ADULT/ AGED/ CEREBRAL ANEURYSM, complications/ *CEREBRAL ANEURYSM, mortality/ CEREBRAL HEMORRHAGE, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ FEMALE/ HEMATOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ RUPTURE, SPONTANEOUS

6668. **Nishiki M, Maples JA, Inboriboon P, et al:** Platelet migration inhibition test for platelet antibodies...parameters and simplified methodology. Hiroshima J Med Sci 25(4):187–9, Dec 76
*ANTIBODIES, analysis/ *BLOOD PLATELETS, immunology/ *CELL MIGRATION INHIBITION/ HUMAN/ METHODS

6669. **Nishimura K, Hiwada K, Ueda E, et al:** Solubilization of angiotensin I-coverting enzyme from rabbit lung using trypsin treatment. Biochim Biophys Acta 452(1):144–50, 8 Nov 76
ANIMAL/ CHROMATOGRAPHY, GEL/ *KININASE II, isolation & purification/ KININASE II, metabolism/ *LUNG, enzymology/ MOLECULAR WEIGHT/ RABBITS/ SOLUBILITY/ TRYPSIN

6670. **Nishimura K, Yoshida N, Hiwada K, et al:** Purification of angiotensin I-converting enzyme from human lung. Biochim Biophys Acta 483(2):398–408, 11 Aug 77
ANGIOTENSIN, metabolism/ BRADYKININ, metabolism/ CHROMATOGRAPHY/ HIPPURATES, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ KININASE II, isolation & purification/ *KININASE II, metabolism/ *LUNG, enzymology/ MOLECULAR WEIGHT/ OLIGOPEPTIDES, metabolism/ TRYPSIN, pharmacodynamics

6671. **Nishimura K, Igarashi M:** Thrombocytopenic purpura associated with exanthema subitum [letter] Pediatrics 60(2):260, Aug 77
BLOOD PLATELETS/ *EXANTHEMA SUBITUM, complications/ FEMALE/ HUMAN/ INFANT/ MALE/ *THROMBOPENIA, complications

6672. **Nishioka K:** Conversion of particulate tyrosinase to soluble form and to desialylated tyrosinase in human malignant melanoma. FEBS Lett 80(1):225–8, 1 Aug 77
CYTOSOL, enzymology/ *DIPHENOL OXIDASES/ DIPHENOL OXIDASES,

metabolism/ HUMAN/ LIVER NEOPLASMS, enzymology/ MACROMOLECULAR SYSTEMS/ *MELANOMA, enzymology/ MOLECULAR WEIGHT/ NEOPLASM METASTASIS/ NEURAMINIDASE/ PEPTIDE FRAGMENTS, analysis/ SIALIC ACIDS/ SUBCELLULAR FRACTIONS, enzymology/ TRITONS/ TRYPSIN/ *TYROSINASE/ TYROSINASE, isolation & purification/ TYROSINASE, metabolism

6673. **Nishizawa Y, Kishimoto T, Kikutani H, et al:** Induction and properties of cytoplasmic factor(s) which enhance nuclear nonhistone protein phosphorylation in lymphocytes stimulated by anti-Ig. J Exp Med 146(3):653–64, 1 Sep 77
ADENOSINE TRIPHOSPHATE, metabolism/ *ANTI-ANTIBODIES/ CELL FRACTIONATION/ CELL NUCLEUS, metabolism/ CELL-FREE SYSTEM/ *CHROMOSOMAL PROTEINS, NON-HISTONE, metabolism/ ENZYME INDUCTION/ HISTONES, metabolism/ KINETICS/ *LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ *LYMPHOCYTES, metabolism/ PHOSPHATES, metabolism/ PROTEIN KINASE, biosynthesis/ RABBITS/ TRYPSIN

6674. **Nishizuka Y, Takai Y, Hashimoto E, et al:** Protein phosphokinases and mode of action of guanosine 3',5'-monophosphate. pp. 139–52.
In: Criss WE, et al., ed. Control mechanisms in cancer. New York, Raven Press, 1976. W1 PR667M v.1 1976. (46 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ AMINO ACID SEQUENCE/ ANIMAL/ BINDING SITES/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ HISTONES, metabolism/ IN VITRO/ *ISOENZYMES, metabolism/ MERCAPTOETHANOL, pharmacodynamics/ MOLECULAR WEIGHT/ MONOGRAPH/ *PROTEIN KINASE, metabolism/ RATS/ REVIEW/ SERINE, metabolism/ SILKWORMS, enzymology/ SPECIES SPECIFICITY/ TRYPSIN, pharmacodynamics

6675. **Nissl R:** Die Phlebographie der unteren Extremität Fortschr Med 94(10):579–84, 8 Apr 76 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ HUMAN/ LEG ULCER, radiography/ *LEG, blood supply/ *PHLEBOGRAPHY, methods/ THROMBOPHLEBITIS, radiography/ THROMBOSIS, radiography/ VEINS, anatomy & histology/ VENA CAVA, INFERIOR, radiography

6676. **Nitter-Hauge S, Froysaker T, Enge I, et al:** Hemodynamiske senresultater av ventilimplantasjon ved mitralklappefeil Tidsskr Nor Laegeforen 96(28):1485–8, 10 Oct 76 (Eng. Abstr.) **(Nor)**
ADULT/ AGED/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ *HEMODYNAMICS/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE INSUFFICIENCY, surgery/ *MITRAL VALVE STENOSIS, surgery/ THROMBOEMBOLISM, etiology

6677. **Nitter-Hauge S, Froysaker T, Hall KV:** Clinical and haemodynamic results following mitral valve replacement with the new Lillehei-Kaster pivoting disc valve prosthesis. Scand J Thorac Cardiovasc Surg 11(1):15–24, 1977
ADULT/ AGED/ BLOOD PRESSURE/ CARDIAC OUTPUT/ EXERTION/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ *HEMODYNAMICS/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE, surgery/ OXYGEN CONSUMPTION/ POSTOPERATIVE COMPLICATIONS/ THROMBOEMBOLISM, etiology/ VASCULAR RESISTANCE

6678. **Nittner K, Petrovici IN:** Case report: advisability of full diagnostic investigations before stereotactic ablation of an epileptogenic focus to exclude an intracranial tumor or an angioma. pp. 573–6.
In: Sweet WH, et al., ed. Neurosurgical treatment in psychiatry, pain, and epilepsy. Baltimore, Univ Park Press, 1977. W3 WO5384 1975n.
ADULT/ BRAIN NEOPLASMS, complications/ *BRAIN NEOPLASMS, diagnosis/ CASE REPORT/ CEREBRAL ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ *EPILEPSY, TEMPORAL LOBE, diagnosis/ EPILEPSY, TEMPORAL LOBE, etiology/ EPILEPSY, TEMPORAL LOBE, surgery/ GLIOMA/ HEMANGIOMA, diagnosis/ HUMAN/ MALE/ MONOGRAPH/ PSYCHOSURGERY/ RECURRENCE/ TEMPORAL LOBE, surgery

6679. **Niu CH, Shindo H, Cohen JS, et al:** Characterization of the acetyl-chymotrypsin intermediate by 13C nuclear magnetic resonance spectroscopy [letter].
J Am Chem Soc 99(9):3161–2, 27 Apr 77
*CHYMOTRYPSIN/ NUCLEAR MAGNETIC RESONANCE, methods

6680. **Niwa Y:** [Clinicopathological study of fibrin thrombus of the kidney glomerulus] Jpn J Nephrol 19(1):31–41, Jan 77 (Eng. Abstr.) **(Jpn)**
ENGLISH ABSTRACT/ FEMALE/ FIBRIN/ HUMAN/ JAPAN/ *KIDNEY DISEASES, occurrence/ *KIDNEY GLOMERULUS, pathology/ MALE/ MIDDLE AGE/ *THROMBOSIS, occurrence

6681. **Nixon JV, Lewis HR, Smitherman TC, et al:** Myocardial infarction in men in the third decade of life [letter].
Ann Intern Med 85(6):759–60, Dec 76
ADULT/ AGE FACTORS/ HUMAN/ HYPERTENSION, complications/ MALE/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, familial & genetic/ PURPURA, THROMBOTIC THROMBOPENIC, complications/ SMOKING, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6682. **Noble HG, Robson MC, Krizek TJ:** Dermal ischemia in the burn wound. J Surg Res 23(2):117–25, Aug 77
ANGIOGRAPHY/ ANIMAL/ *BLOOD VESSELS, pathology/ BURNS, drug therapy/ *BURNS, pathology/ HEPARIN, therapeutic use/ ISCHEMIA/ MALE/ RATS/ SKIN, blood supply

6683. **Noble J, Garcia-Pascual B, Fathi M, et al:** Diagnostic de l'infarctus du myocarde par un dosage rapide de la fraction MB de la créatinephosphokinase sérique
Schweiz Med Wochenschr 106(51):1867–70, 18 Dec 76 (Eng. Abstr.) **(Fre)**
*CREATINE KINASE, blood/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, enzymology/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, diagnosis/ MYOCARDIAL INFARCT, enzymology/ MYOSITIS, enzymology

6684. **Noble RC:** Respiratory insufficiency after intraperitoneal administration of Kanamycin: failure of calcium gluconate to reverse toxic effects. South Med J 69(9):1218–9, Sep 76
ANESTHETICS/ APPENDECTOMY/ APPENDICITIS, complications/ *CALCIUM, therapeutic use/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ *GLUCONATES, therapeutic use/ HUMAN/ IRRIGATION/ KANAMYCIN, administration & dosage/ *KANAMYCIN, adverse effects/ KANAMYCIN, therapeutic use/ MIDDLE AGE/ PERITONITIS, complications/ PERITONITIS, drug therapy/ *RESPIRATORY INSUFFICIENCY, chemically induced/ RESPIRATORY INSUFFICIENCY, drug therapy

6685. **Noble RJ:** An approach to refractory heart failure.
Am Fam Physician 15(4):138–47, Apr 77
AGED/ ANEMIA, complications/ ANOXEMIA, complications/ AORTIC VALVE STENOSIS, diagnosis/ ARRHYTHMIA, diagnosis/ CARDIAC TAMPONADE, diagnosis/ FEVER, complications/ HEART ANEURYSM, diagnosis/ HEART DISEASES, diagnosis/ HEART DISEASES, etiology/ *HEART DISEASES, therapy/ HEART SEPTAL DEFECTS, ATRIAL, diagnosis/ HUMAN/ HYPERTENSION, complications/ HYPERTHYROIDISM, complications/ IDIOPATHIC HYPERTROPHIC

SUBVALVULAR STENOSIS, diagnosis/ MALE/ PERICARDIAL EFFUSION, diagnosis/ POLYCYTHEMIA, complications/ PULMONARY EMBOLISM, diagnosis/ TACHYCARDIA, complications/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6686. **Nochumson S, Durban E, Kim S, et al:** Cytochrome c-specific protein methylase III from Neurospora crassa. Biochem J 165(1):11–8, 1 Jul 77
CHYMOTRYPSIN, pharmacodynamics/ CYTOCHROME C/ KINETICS/ LYSINE, pharmacodynamics/ METHYLATION/ *NEUROSPORA CRASSA, enzymology/ *NEUROSPORA, enzymology/ *PROTEIN LYSINE METHYLTRANSFERASE, analysis/ PROTEIN LYSINE METHYLTRANSFERASE, isolation & purification/ *PROTEIN METHYLTRANSFERASES, analysis/ SUBCELLULAR FRACTIONS, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6687. **Noel JS, Zucker RM, Wu NC, et al:** The dissociation of transplantable tumors. J Histochem Cytochem 25(7):544–53, Jul 77
*ADENOCARCINOMA, PAPILLARY/ ADENOCARCINOMA, PAPILLARY, pathology/ *CELL SEPARATION, methods/ CELL SURVIVAL/ CLOSTRIDIOPEPTIDASE A/ FEMALE/ INTERCELLULAR JUNCTIONS, ultrastructure/ MALE/ MAMMAE/ *MELANOMA/ MELANOMA, pathology/ MICE/ MICE, INBRED C3H/ MICE, INBRED C57BL/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS/ NEOPLASMS, pathology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6688. **Nogueira N, Gordon S, Cohn Z:** Trypanosoma cruzi: modification of macrophage function during infection. J Exp Med 146(1):157–71, 1 Jul 77
ANIMAL/ ANTIGENS/ ASCITIC FLUID, cytology/ BCG/ COMPLEMENT 3, metabolism/ CULTURE MEDIA/ MACROPHAGES, immunology/ *MACROPHAGES, microbiology/ MICE/ MICE, INBRED STRAINS/ PEPTONES/ PHAGOCYTOSIS/ PLASMINOGEN ACTIVATORS, metabolism/ PLASMINOGEN, metabolism/ *TRYPANOSOMA CRUZI/ TUBERCULIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6689. **Nolan C, Hall LS, Barlow GH:** Ancrod, the coagulating enzyme from Malayan pit viper (Agkistrodon rhodostoma) venom. Methods Enzymol 45:205–13, 1976
AMINO ACIDS, analysis/ ANIMAL/ *ARVIN/ ARVIN, isolation & purification/ ARVIN, metabolism/ BLOOD COAGULATION/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, AFFINITY/ ESTERASES, isolation & purification/ ESTERASES, metabolism/ METHODS/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ SNAKE VENOMS

6690. **Nolan C, Hall LS, Barlow GH, et al:** Plasminogen activator from human embryonic kidney cell cultures. Evidence for a proactivator. Biochim Biophys Acta 496(2):384–400, 28 Feb 77
ANTIBODIES/ BENZAMIDINES, pharmacodynamics/ CELLS, CULTURED/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ ENZYME PRECURSORS, metabolism/ HUMAN/ *KIDNEY, embryology/ PLASMINOGEN ACTIVATORS, isolation & purification/ *PLASMINOGEN ACTIVATORS, metabolism/ TIME FACTORS/ TRYPSIN INHIBITOR, KAZAL PANCREATIC, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UROKINASE, immunology

6691. **Nolte JA, Kleine JW:** Sickle-cell anemia. Anesthesiological considerations. Acta Anaesthesiol Belg 27(4):237–46, 1976 (15 ref.)
*ANEMIA, SICKLE CELL/ ANEMIA, SICKLE CELL, blood/ ANEMIA, SICKLE CELL, complications/ *ANESTHESIA/ HUMAN/ OXYGEN INHALATION THERAPY/ REVIEW/ SICKLE CELL TRAIT, complications/ SURGERY, OPERATIVE/ THROMBOSIS, etiology

6692. **Nomoto S, Kitagawa T, Ikebukuro E, et al:** [Thrombosis of portal vein, splenic artery and vein with leukemoid reaction as a complication of gastric ulceration. A case report (author's transl)] Jpn J Gastroenterol 74(6):790–4, Jun 77 **(Jpn)**
AGED/ CASE REPORT/ HUMAN/ *LEUKEMOID REACTION, etiology/ MALE/ *PEPTIC ULCER PERFORATION, complications/ *PORTAL VEIN/ *SPLENIC ARTERY/ *SPLENIC VEIN/ *STOMACH ULCER, complications/ *THROMBOSIS, etiology

6693. **Nomura K, Martenson RE, Deibler GE:** Treatment of an encephalitogenic peptide from guinea pig myelin basic protein with alpha-protease and thermolysin. Isolation of fragments and determination of cleavage sites. J Biol Chem 252(5):1723–7, 10 Mar 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *ENCEPHALITOGENIC BASIC PROTEINS/ GUINEA PIGS/ KINETICS/ *MYELIN SHEATH, analysis/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDE HYDROLASES/ RATS, INBRED LEW/ *THERMOLYSIN

6694. **Nomura T, Onozawa Y, Tanoue K, et al:** Ploidy and size of megakaryocytes in patients with idiopathic thrombocytopenic purpura. Acta Haematol Jpn 40(1):133–40, Feb 77
ADOLESCENCE/ ADULT/ CASE REPORT/ DNA, analysis/ FEMALE/ HUMAN/ MALE/ *MEGAKARYOCYTES, pathology/ *PLOIDIES/ *PURPURA, THROMBOPENIC, pathology

6695. **Nord E, Douer D, Kessler E, et al:** Sclerosing reticulum cell sarcoma following prolonged treatment with azathioprine for idiopathic thrombocytopenic purpura. Scand J Haematol 17(5):321–5, Nov 76
*AZATHIOPRINE, adverse effects/ AZATHIOPRINE, therapeutic use/ CASE REPORT/ FEMALE/ HUMAN/ LYMPH NODES, pathology/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, drug therapy/ *SARCOMA, RETICULUM CELL, chemically induced/ SARCOMA, RETICULUM CELL, pathology/ TIME FACTORS

6696. **Nordstoga K:** Disseminated intravascular coagulation: a pathologist's view [letter]. Thromb Haemostas 37(1):180, 28 Feb 77
*DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ HUMAN

6697. **Noreen H, Yunis EJ:** Antibody screening and crossmatching for allotransplantation. pp. 75–84. In: HLA typing. Washington, American Assoc. of Blood Banks, 1976. WH 460 A5136h 1976.
ANTIBODY SPECIFICITY/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ GRANULOCYTES, immunology/ *HISTOCOMPATIBILITY TESTING, methods/ HL-A/ HUMAN/ ISOANTIBODIES/ MONOGRAPH/ *TRANSPLANTATION IMMUNOLOGY/ *TRANSPLANTATION, HOMOLOGOUS

6698. **Norelli MT, Lumare A, Boario U:** Su di un caso di coagulazione intravasale disseminata in neonato pretermine con lesione ischemica di un arto Minerva Pediatr 28(38):2353–8, 1 Dec 76 (Eng. Abstr.) **(Ita)**
CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ *FOREARM, blood supply/ HUMAN/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES, diagnosis/ *ISCHEMIA, diagnosis/ MALE

6699. **Norén I, Thunell S, Tryding N:** Koagulationsscreening: P-APT-tid (APTT) – nya reagens, förbättrad metod? Lakartidningen 74(21):2087–91, 25 May 77 (Eng. Abstr.) **(Swe)**
ADULT/ *BLOOD COAGULATION TESTS, methods/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ INDICATORS AND REAGENTS/ MALE/ MIDDLE AGE

6700. **Norman CS, Provan JL:** Control and complications of intermittent heparin therapy. Surg Gynecol Obstet 145(3):338–42, Sep 77
ADULT/ AGED/ *BLOOD COAGULATION TESTS/ FEMALE/ HEMORRHAGE, chemically induced/ HEPARIN, administration & dosage/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ PROSPECTIVE STUDIES/ THROMBOPHLEBITIS, drug therapy/ THROMBOPLASTIN, physiology

6701. **Norman D, Price D, Boyd D, et al:** Quantitative aspects of computed tomography of the blood and cerebrospinal fluid. Radiology 123(2):335–8, May 77
BLOOD COAGULATION/ *BLOOD/ CALCIUM, blood/ CEREBROSPINAL FLUID PROTEINS/ *CEREBROSPINAL FLUID/ HEMOGLOBINS/ HUMAN/ IRON, blood/ *TOMOGRAPHY, COMPUTERIZED AXIAL

6702. **Normand J, Gilly R, Loire R, et al:** Coeur pulmonaire chronique au cours des dérivations ventriculo-atriales chez l'enfant Arch Mal Coeur 69(12):1293–6, Dec 76 (Eng. Abstr.) **(Fre)**
CASE REPORT/ *CEREBROSPINAL FLUID SHUNTS, adverse effects/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HEART CATHETERIZATION, adverse effects/ HEART FAILURE, CONGESTIVE, etiology/ *HEART SURGERY, adverse effects/ HUMAN/ *HYDROCEPHALUS, surgery/ MALE/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, etiology/ *PULMONARY HEART DISEASE, etiology/ THROMBOSIS, complications/ THROMBOSIS, etiology

6703. **Noronha F de, Poco A, Post JE, et al:** Virus isolation test for feline leukemia virus. J Natl Cancer Inst 58(1):129–31, Jan 77
ANIMAL/ BLOOD PLATELETS, microbiology/ CAT DISEASES, microbiology/ CATS/ CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ *FELINE LEUKEMIA VIRUS, isolation & purification/ LEUKEMIA, microbiology/ LEUKEMIA, veterinary/ LYMPHOCYTES, microbiology/ METHODS/ *TUMOR VIRUS INFECTIONS, microbiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6704. **Norris JW, Hachinski VC, Froggatt GM:** Diagnosis of cerebral embolism [letter]. N Engl J Med 295(18):1017, 28 Oct 76
ANTICOAGULANTS, therapeutic use/ *CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ CEREBRAL EMBOLISM AND THROMBOSIS, prevention & control/ HUMAN/ METHODS/ RISK

6705. **Norstrand IF, Druck P, Glantz MD:** Effect of aspirin on monoamine oxidase in human platelet-rich plasma [letter]. Br J Haematol 34(4):665–6, Dec 76
*ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ HUMAN/ *MONOAMINE OXIDASE, blood/ PLATELET AGGREGATION, drug effects

6706. **Norstrand IF, Druck P:** The inhibitory effect of multiple sclerosis and control sera on certain myelin-catabolizing enzymes. Ann Neurol 2(1):84–5, Jul 77
*ARYLSULFATASES, antagonists & inhibitors/ BRAIN, enzymology/ *GALACTOSIDASES, antagonists & inhibitors/ *GALACTOSYLCERAMIDASE, antagonists & inhibitors/ HUMAN/ MULTIPLE SCLEROSIS, cerebrospinal fluid/ *MULTIPLE SCLEROSIS, enzymology/ *MYELIN SHEATH, metabolism/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *SULFATASES, antagonists & inhibitors/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6707. **North MJ, Ashworth JM:** Inhibition of the development of the cellular slime mould Dictyostelium discoideum by omega-aminocarboxylic acids. J Gen Microbiol 96(1):63–75, Sep 76
P-AMINOBENZOIC ACID, analogs & derivatives/ P-AMINOBENZOIC ACID, pharmacodynamics/ AMINOCAPROIC ACIDS, pharmacodynamics/ CAPRYLATES, pharmacodynamics/ *CARBOXYLIC ACIDS, pharmacodynamics/ *DICTYOSTELIUM, growth & development/ MUTATION/ *MYXOMYCETES, growth & development/ SPORES, FUNGAL, drug effects/ SPORES, FUNGAL, growth & development/ TEMPERATURE/ TRANEXAMIC ACID, pharmacodynamics

6708. **North MJ, Campbell AJ:** The effect of epsilon-aminocaproic acid on biochemical changes in the development of the cellular slime mould Dictyostelium discoideum. J Gen Microbiol 96(1):77–85, Sep 76
P-AMINOBENZOIC ACID, analogs & derivatives/ P-AMINOBENZOIC ACID, pharmacodynamics/ ACETYLGLUCOSAMINIDASE, metabolism/ ALANINE, pharmacodynamics/ *AMINOCAPROIC ACIDS, pharmacodynamics/ CARBOHYDRATES, biosynthesis/ DICTYOSTELIUM, drug effects/ *DICTYOSTELIUM, metabolism/ FUNGAL PROTEINS, biosynthesis/ GLUCOSEPHOSPHATE URIDYLYLTRANSFERASE, metabolism/ LEUCINE AMINOPEPTIDASE, metabolism/ MANNOSIDASES, metabolism/ *MYXOMYCETES, metabolism/ PHOSPHOGLUCONATE DEHYDROGENASE, metabolism/ RNA, biosynthesis/ SPORES, FUNGAL, drug effects/ THREONINE DEHYDRATASE, metabolism

6709. **Norum KR, Glomset JA, Nichols AV, et al:** Lecithin: cholesterol acyltransferase (LCAT) and lipoprotein metabolism. Results of studies of familial LCAT deficiency. pp. 17–22.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 I328 No.4 1974.
*ACYLTRANSFERASES, deficiency/ CHOLESTEROL ESTERS, metabolism/ CHOLESTEROL, metabolism/ DIET/ HEPARIN, pharmacodynamics/ HUMAN/ *LECITHIN ACYLTRANSFERASE, deficiency/ LECITHIN ACYLTRANSFERASE, metabolism/ *LIPOPROTEINS, metabolism/ LIPOPROTEINS, HDL, metabolism/ LIPOPROTEINS, LDL, metabolism/ LIPOPROTEINS, VLDL, metabolism/ MOLECULAR WEIGHT/ MONOGRAPH/ PHOSPHATIDYLCHOLINES, metabolism/ TRIGLYCERIDES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6710. **Nosé Y, Kiraly RJ, Picha G:** Surface characteristics of the cardiac prostheses in vivo. J Biomed Mater Res 11(1):85–100, Jan 77
ADSORPTION/ ANIMAL/ *BIOCOMPATIBLE MATERIALS/ *BLOOD CELLS/ *BLOOD PROTEINS/ CATTLE/ CELL ADHESION/ FIBRIN/ FORMALDEHYDE/ GLUTARALDEHYDE/ *HEART, ARTIFICIAL, instrumentation/ MICROSCOPY, ELECTRON, SCANNING/ PLATELET ADHESIVENESS/ *POLYETHYLENE TEREPHTHALATE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS

6711. **Nöske HD:** Berührungs- und nahtlose Blutstillung am Nierenparenchym mit einem neuartigen Infrarot-Strahler (MICOR) Fortschr Med 94(30):1713–22, 21 Oct 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ COMPARATIVE STUDY/ DOGS/ ENGLISH ABSTRACT/ HEMOSTASIS, radiation effects/ *HEMOSTASIS, SURGICAL, methods/ *INFRARED RAYS/ *KIDNEY, surgery/ POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, radiography/ RADIONUCLIDE IMAGING/ SUTURE TECHNICS/ TIME FACTORS

6712. **Nosova IM, Borisova TA:** Vozrastnye osobennosti izofermentnogo spektra laktatdegidrogenazy trombotsitov krolikov Ontogenez 7(5):521–4, 1976 (Eng. Abstr.)**(Rus)**
AGE FACTORS/ ANIMAL/ *BLOOD PLATELETS, enzymology/ ENGLISH ABSTRACT/ *LACTATE DEHYDROGENASE ISOENZYMES, blood/ RABBITS

6713. **Nossel HL, Ti M, Kaplan KL, et al:** The generation of fibrinopeptide A in clinical blood samples: evidence for thrombin activity. J Clin Invest 58(5):1136–44, N[illegible]

*FIBRINOGEN, ..letabolism/ FIBRINOPEPTIDES A, analysis/ *FIBRINOPEPTIDES A, metabolism/ FIBRINOPEPTIDES B, analysis/ FIBRINOPEPTIDES B, metabolism/ HUMAN/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6714. **Notelovitz M:** Coagulation, oestrogen and the menopause. Clin Obstet Gynaecol 4(1):107–28, Apr 77
*AGING/ ANTITHROMBINS, physiology/ BLOOD CIRCULATION, drug effects/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION FACTORS, physiology/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ BLOOD VESSELS, drug effects/ BLOOD VESSELS, pathology/ ESTROGENS, administration & dosage/ ESTROGENS, adverse effects/ ESTROGENS, pharmacodynamics/ *ESTROGENS, therapeutic use/ FACTOR X, physiology/ FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, physiology/ FIBRINOLYSIN, physiology/ FIBRINOLYSIS, drug effects/ HUMAN/ *MENOPAUSE/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION/ *THROMBOSIS, chemically induced

6715. **Nover A, Schmitt J, Wende S, et al:** Computertomographie in der Ophthalmologie Klin Monatsbl Augenheilkd 168(4):461–7, Apr 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ AGED/ CARCINOMA, EPIDERMOID, radiography/ DERMOID CYST, radiography/ ENGLISH ABSTRACT/ EYELID NEOPLASMS, radiography/ FEMALE/ HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ MALE/ MIDDLE AGE/ MUCOCELE, radiography/ ORBIT/ *ORBITAL NEOPLASMS, radiography/ TOMOGRAPHY, COMPUTERIZED AXIAL

6716. **Novitskaia SA, Petrova IV:** Izuchenie vliianiia geparina na vzaimodeistvie T- i B-limfotsitov
Probl Gematol Pereliv Krovi 22(1):32–4, Jan 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ *B-LYMPHOCYTES, drug effects/ ENGLISH ABSTRACT/ *HEMATOPOIETIC STEM CELLS, drug effects/ *HEPARIN, pharmacodynamics/ MALE/ MICE/ MICE, INBRED CBA/ *T-LYMPHOCYTES, drug effects

6717. **Novoa E, Seegers WH, Hassouna HI:** Improved procedures for the purification of selected vitamin K-dependent proteins. Prep Biochem 6(5):307–38, 1976 (95 ref.)
ANIMAL/ BINDING SITES/ BLOOD COAGULATION TESTS/ *C-REACTIVE PROTEIN, isolation & purification/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ENZYME ACTIVATION/ *FACTOR IX, isolation & purification/ *FACTOR X, isolation & purification/ IMMUNOELECTROPHORESIS/ PROTEIN BINDING/ *PROTHROMBIN, isolation & purification/ PROTHROMBIN, metabolism/ REVIEW/ THROMBIN, metabolism/ ULTRAFILTRATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, pharmacodynamics

6718. **Novoselova GN, Efimova NP:** K kharakteristike proteoliticheskogo kompleksa Clostridium perfringens tipa A Prikl Biokhim Mikrobiol 12(6):890–903, Nov–Dec 76 (Eng. Abstr.) **(Rus)**
*BACTERIAL TOXINS, metabolism/ CLOSTRIDIOPEPTIDASE A, metabolism/ *CLOSTRIDIUM PERFRINGENS, enzymology/ CLOSTRIDIUM PERFRINGENS, metabolism/ ENGLISH ABSTRACT/ FORMALIN/ HEAT/ METALS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ TOXOIDS

6719. **Nowak G, Hoffmann J, Markwardt F:** Bestimmung der Mikrothrombosierungerate bei experimentell induzierter disseminierter intravasaler Gerinnung (DIC)
Acta Biol Med Ger 35(11):K63–K68, 1976 (Eng. Abstr.) **(Ger)**
ANIMAL/ DISEASE MODELS, ANIMAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ENGLISH ABSTRACT/ FIBRIN, metabolism/ FIBRINOGEN/ IODINE RADIOISOTOPES/ RATS/ *THROMBOSIS, blood

6720. **Nowak K, Malarska A, Ostropolska L, et al:** Amino acid sequence of human muscle glyceraldehyde-3-phosphate dehydrogenase. Isolation and amino acid sequences of tryptic peptides. Acta Biochim Pol 23(2–3):127–38, 1976
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ CHEMISTRY/ *GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, isolation & purification/ HUMAN/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *MUSCLES, enzymology/ OXIDATION-REDUCTION/ PEPTIDE FRAGMENTS, analysis/ RABBITS/ SPECIES SPECIFICITY/ SWINE/ TRYPSIN

6721. **Nowakowska J, Korycka A:** Zakrzep zył nerkowych u dwoch noworodków Pediatr Pol 52(4):449–52, Apr 77 **(Pol)**
FOLLOW-UP STUDIES/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE/ RADIOISOTOPE RENOGRAPHY/ *RENAL VEINS/ *THROMBOPHLEBITIS, diagnosis

6722. **Nowicka J:** Obraz morfologiczny tkanek przyzębia chomików w przebiegu parodontopatii doświadczalnych leczonych protaminą Czas Stomatol 30(1):75–9, 1977 (Eng. Abstr.) **(Pol)**
ANIMAL/ ENGLISH ABSTRACT/ FEMALE/ HAMSTERS/ MALE/ *PERIODONTAL DISEASES, drug therapy/ PERIODONTAL DISEASES, pathology/ *PROTAMINES, therapeutic use

6723. **Nowicki P, Kłos M:** Przedłuone konserwowanie krwinek czerwonych Acta Haematol Pol 7(4):293–302, OCT–DEC 76 (Eng. Abstr.) **(Pol)**
ADULT/ *BLOOD PRESERVATION/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ HUMAN/ TEMPERATURE/ TIME FACTORS

6724. **Nowotny C, Niessner H, Thaler E, et al:** Sonography: a method for localization of hematomas in hemophiliacs. Haemostasis 5(3):129–35, 1976
ABDOMEN/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, complications/ *HEMATOMA, diagnosis/ *HEMOPHILIA, complications/ HUMAN/ MUSCLES/ NECK/ RETROPERITONEAL SPACE/ THORAX/ *ULTRASONICS, methods

6725. **Nozawa RT:** Altered morphology and increased cell adhesiveness of chinese hamster ovary cells cultured on fibrin. J Cell Physiol 90(2):351–9, Feb 77
AMINOCAPROIC ACIDS, pharmacodynamics/ CELL ADHESION/ CELL DIVISION/ CELL LINE/ *CELLS, CULTURED, cytology/ CELLS, CULTURED, metabolism/ CULTURE MEDIA/ FEMALE/ *FIBRIN, metabolism/ FIBRINOLYSIS, drug effects/ HAMSTERS

6726. **Nozawa RT, Guerrant RL:** Fibrin adherent CHO cell behavior in response to chelators and enterotoxin. Exp Cell Res 107(1):25–30, Jun 77
CALCIUM, pharmacodynamics/ *CELL ADHESION/ CELL DIFFERENTIATION, drug effects/ CELL LINE/ CELLS, CULTURED, drug effects/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ *EDTA, pharmacodynamics/ *ENTEROTOXINS, pharmacodynamics/ *ETHYLENE GLYCOLS, pharmacodynamics/ *EGTA, pharmacodynamics/ FEMALE/ *FIBRIN/ HAMSTERS/ MAGNESIUM, pharmacodynamics/ OVARY/ PLASTICS/ VIBRIO CHOLERAE

6727. **Nožička Z, Vortel V:** Patologická anatomie a patogeneze akutní diseminované intravaskulární koagulace
Sb Ved Pr Lek Fak Karlovy Univ [Suppl] 18(4):655–80, 1975 (Eng. Abstr.) **(Cze)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALE/ MIDDLE AGE

6728. **Numano F, Maezawa H:** Changes of cyclic-AMP and cycic-AMP phosphodiesterase in the progression and regression of experimental atherosclerosis.
Ann NY Acad Sci 275:311-20, 1976
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ AORTA, enzymology/ *AORTA, metabolism/ *ARTERIOSCLEROSIS, metabolism/ ATHEROSCLEROSIS, enzymology/ *ATHEROSCLEROSIS, metabolism/ CELL WALL, metabolism/ DIET, ATHEROGENIC/ HISTOCYTOCHEMISTRY/ *PHOSPHODIESTERASES, metabolism/ RABBITS/ *3',5'-CYCLIC AMP PHOSPHODIESTERASE, metabolism

6729. **Núñez de Castro I, Holzer H:** Studies on the proteinase-A inhibitor I3A from yeast.
Hoppe Seylers Z Physiol Chem 357(5):727-34, May 76
AMINO ACIDS, analysis/ CHOLIC ACIDS, pharmacodynamics/ CIRCULAR DICHROISM/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYME INHIBITORS, analysis/ ENZYME INHIBITORS, isolation & purification/ GUANIDINES, pharmacodynamics/ HEMOGLOBINS, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PEPSTATINS, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *SACCHAROMYCES CEREVISIAE, enzymology/ TRITONS, pharmacodynamics/ UREA, pharmacodynamics

6730. **Núñez González L, Roldán Pascual T, Gil Aguado M, et al:** Prótesis de Hancock en posición mitral. Embolismo precoz en pacientes a los que no se aplicó terapéutica anticoagulante postoperatoria. Rev Esp Cardiol 30(3):297-300, 1977 **(Spa)**
ADOLESCENCE/ ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ CHILD/ COMPARATIVE STUDY/ *EMBOLISM, prevention & control/ FEMALE/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE INSUFFICIENCY, surgery/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREMEDICATION/ SWINE/ TIME FACTORS/ TRANSPLANTATION, HETEROLOGOUS

6731. **Nurden A:** A different organization of bound carbohydrate within cat platelet membranes [letter]
Thromb Haemostas 37(2):358-60, 30 Apr 77
ANIMAL/ *BLOOD PLATELETS, analysis/ *CARBOHYDRATES, analysis/ *CATS, metabolism/ CELL MEMBRANE, analysis/ GLYCOPROTEINS, analysis

6732. **Nurden AT:** A peripheral high molecular weight glycoprotein located at the surface of human platelets.
Experientia 33(3):331-2, 15 Mar 77
*BLOOD PLATELETS, analysis/ *GLYCOPROTEINS/ GLYCOPROTEINS, blood/ HUMAN/ *MEMBRANE PROTEINS/ MEMBRANE PROTEINS, blood/ MOLECULAR WEIGHT/ NEURAMINIDASE/ SIALIC ACIDS, analysis/ VIBRIO CHOLERAE, enzymology

6733. **Nusbacher J, Scher ML, MacPherson JL:** Plateletpheresis using the haemonetics model 30 cell separator.
Vox Sang 33(1):9-15, Jul 77
ANTICOAGULANTS/ ABO BLOOD-GROUP SYSTEM/ BLOOD CELL COUNT/ BLOOD DONORS/ *BLOOD PLATELETS/ BLOOD TRANSFUSION/ HUMAN/ *PLASMAPHERESIS, instrumentation

6734. **Nuutinen LS, Pihlajaniemi R, Saarela E, et al:** The effect of dipyridamole on the thrombocyte count and bleeding tendency in open-heart surgery.
J Thorac Cardiovasc Surg 74(2):295-8, Aug 77
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ *CARDIOPULMONARY BYPASS/ *DIPYRIDAMOLE, pharmacodynamics/ FEMALE/ HEART SEPTAL DEFECTS, ATRIAL, surgery/ HEART SEPTAL DEFECTS, VENTRICULAR, surgery/ HEART VALVE DISEASES, surgery/ HEMOSTASIS, SURGICAL/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, blood/ THROMBOPENIA, prevention & control/ THROMBOPLASTIN, analysis

6735. **Nyilas E, Morton WA, Cumming RD, et al:** Effects of polymer surface molecular structure and force-field characteristics on blood interfacial phenomena.
J Biomed Mater Res 11(1):51-68, Jan 77
ADSORPTION/ BIOCOMPATIBLE MATERIALS/ *BLOOD CELLS/ BLOOD CELLS, physiology/ DOGS/ GLASS/ LEUKOCYTES, physiology/ NYLON/ PLATELET ADHESIVENESS/ *POLYMERS/ POLYURETHANES/ SILICONES/ STRUCTURE-ACTIVITY RELATIONSHIP/ SURFACE PROPERTIES/ SURFACE TENSION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6736. **Nyilas E, Ward RS Jr:** Development of blood-compatible elastomers. V. Surface structure and blood compatibility of avcothane elastomers. J Biomed Mater Res 11(1):69-84, Jan 77
*ASSISTED CIRCULATION, instrumentation/ *BIOCOMPATIBLE MATERIALS/ BIOCOMPATIBLE MATERIALS, chemical synthesis/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD PLATELETS/ ERYTHROCYTE COUNT/ EXTRACORPOREAL CIRCULATION, instrumentation/ FIBRINOGEN, analysis/ HUMAN/ *INTRA-AORTIC BALLOON PUMPING, instrumentation/ *POLYURETHANES, chemical synthesis/ *SILICONE ELASTOMERS, chemical synthesis/ SILOXANES, chemical synthesis/ STRUCTURE-ACTIVITY RELATIONSHIP

6737. **Nylander G, Olivecrona H:** The phlebographic pattern of acute leg thrombosis within a defined urban population.
Acta Chir Scand 142(7):505-11, 1976
ADULT/ AGE FACTORS/ AGED/ FEMALE/ FEMORAL VEIN, radiography/ HUMAN/ ILIAC VEIN, radiography/ *LEG, blood supply/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ POPLITEAL VEIN, radiography/ SEX FACTORS/ SWEDEN/ *THROMBOPHLEBITIS, occurrence/ THROMBOPHLEBITIS, radiography/ TIME FACTORS/ URBAN POPULATION

6738. **Nyman D:** Collagen-induced platelet aggregation: evidence of several mechanisms for the induction of platelet release by collagen. Thromb Res 10(5):743-51, May 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ARACHIDONIC ACIDS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HUMAN/ IN VITRO/ *PLATELET AGGREGATION/ PROSTAGLANDIN ANTAGONISTS, pharmacodynamics

O

6739. **Oakley C, Doherty P:** Proceedings: Pregnancy after valve replacement. Br Heart J 38(8):876, Aug 76
ABORTION/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ FEMALE/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ *HEART VALVES, transplantation/ HUMAN/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY/ THROMBOEMBOLISM, prevention & control/ TRANSPLANTATION, HOMOLOGOUS

6740. **Oakley C, Doherty P:** Pregnancy in patients after valve replacement. Br Heart J 38(11):1140-8, Nov 76
ABNORMALITIES, DRUG-INDUCED/ ABORTION, chemically induced/ ADOLESCENCE/ ADULT/ ANTICOAGULANTS, adverse effects/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ FEMALE/ FETAL DEATH/ *HEART VALVE PROSTHESIS/ HEPARIN, adverse effects/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR,

surgery/ *PREGNANCY/ WARFARIN, adverse effects

6741. **Oakley C:** The diagnosis of acute pulmonary embolism. Br J Hosp Med 18(1):15–24, Jul 77
ACUTE DISEASE/ AGED/ CARBON DIOXIDE, blood/ CHRONIC DISEASE/ ELECTROCARDIOGRAPHY/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ OXYGEN, blood/ PHLEBOGRAPHY/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ RADIONUCLIDE IMAGING/ RECURRENCE/ THROMBOPHLEBITIS, diagnosis

6742. **Oashi A, Kikuchi G:** Studies on the mechanism of the conversion of cytosol delta-aminolevulinic acid synthase to the mitochondrial enzyme in the liver of the allylisopropylacetamide-treated rat.
Arch Biochem Biophys 178(2):607–16, 30 Jan 77
*ACETAMIDES, pharmacodynamics/ *ALLYLISOPROPYLACETAMIDE, pharmacodynamics/ AMINOLEVULINIC ACID SYNTHETASE, isolation & purification/ *AMINOLEVULINIC ACID SYNTHETASE, metabolism/ ANIMAL/ CARRIER PROTEINS/ *CYTOSOL, enzymology/ HEMIN, pharmacodynamics/ MACROMOLECULAR SYSTEMS/ *MITOCHONDRIA, LIVER, enzymology/ PAPAIN/ RATS/ TRYPSIN

6743. **Obel EB:** Peroral kontraception. Sikkerhed, bivirkninger, kontraindikationer, valg af praeparat. Ugeskr Laeger 139(26):1525–36, 27 Jun 77 (Eng. Abstr.) **(Dan)**
BLOOD PRESSURE, drug effects/ BLOOD PROTEINS, analysis/ *CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ CONTRACEPTIVES, ORAL, COMBINED, adverse effects/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIPIDS, blood/ MENSTRUATION DISORDERS, chemically induced/ THROMBOEMBOLISM, chemically induced/ UTERINE HEMORRHAGE, chemically induced

6744. **Oberlinner R, Maurer PC:** Erstversorgung am Unfallort und im Operationssaal–Voraussetzungen für die erfolgreiche Wiederherstellung von Gefässverletzungen.
Zentralbl Chir 102(8):491–4, 1977 **(Ger)**
AMPUTATION, TRAUMATIC, surgery/ *ARTERIES, injuries/ CRUSH SYNDROME, prevention & control/ *FIRST AID/ HEMOSTASIS/ HUMAN/ *OPERATING ROOMS/ SAPHENOUS VEIN, transplantation/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS/ *VEINS, injuries

6745. **O'Brian JR:** Very early recognition of coronary heart disease [letter] Br Med J 1(6075):1534, 11 Jun 77
*CORONARY DISEASE, diagnosis/ HEPARIN, diagnostic use/ HUMAN/ RISK/ THROMBIN, diagnostic use

6746. **O'Brien JR, Jamieson S:** Platelet volume and aspirin-induced inhibition of aggregation [letter]. Blood 48(4):623–4, Oct 76
*ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS/ HUMAN/ *PLATELET AGGREGATION, drug effects

6747. **O'Brien JR, Etherington MD, Jamieson S:** Effect of a diet of polyunsaturated fats on some platelet-function tests. Lancet 2(7993):995–6, 6 Nov 76
ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, physiology/ DIET/ *DIETARY FATS/ HUMAN/ *LINOLEIC ACIDS, pharmacodynamics/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION/ PLATELET FACTOR 3, analysis/ PLATELET FACTOR 4, analysis

6748. **O'Brien JR, Etherington MD:** An inverse relation between platelet factor 4 in the platelet and in the plasma.
Thromb Haemostas 36(3):649–51, 31 Dec 76
*BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS, analysis/ COMPARATIVE STUDY/ HUMAN/ PLASMA, analysis/ *PLATELET FACTOR 4, analysis

6749. **O'Brien P, Boade WA:** Seventy-five year old female with chest pain and dyspnea. SD J Med 30(1):21–6, Jan 77
AGED/ CASE REPORT/ *DYSPNEA, etiology/ FEMALE/ HUMAN/ *PAIN, etiology/ *PULMONARY ARTERY/ *PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ RADIONUCLIDE IMAGING/ *SARCOMA, complications/ *THORAX/ VENTILATION–PERFUSION RATIO

6750. **O'Brien SJ, Simonson JM, Boone CW:** Expression of virus structural proteins on murine cell surfaces in association with the production of murine leukaemia virus.
J Gen Virol 33(2):355–60, Nov 76
ADSORPTION/ ANTIGENIC DETERMINANTS/ ANTIGENS, VIRAL, analysis/ *C-TYPE VIRUSES, growth & development/ C-TYPE VIRUSES, immunology/ CELL LINE/ CELL MEMBRANE, immunology/ CYCLOHEXIMIDE, pharmacodynamics/ MOLONEY VIRUS, immunology/ *MOUSE LEUKEMIA VIRUSES, growth & development/ MOUSE LEUKEMIA VIRUSES, immunology/ RAUSCHER VIRUS, immunology/ TRYPSIN, pharmacodynamics/ *VIRAL PROTEINS/ VIRAL PROTEINS, immunology/ VIRUS REPLICATION

6751. **O'Brien SJ, Boone CW:** Expression of feline leukaemia virus antigens on cat lymphoma cells: kinetics of biosynthesis.
J Gen Virol 35(3):511–23, Jun 77
ANTIGENIC DETERMINANTS/ *ANTIGENS, VIRAL/ CATS/ CELL LINE/ CELL MEMBRANE, immunology/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DEOXYADENOSINE, pharmacodynamics/ *FELINE LEUKEMIA VIRUS, immunology/ FELINE LEUKEMIA VIRUS, metabolism/ LYMPHOMA/ RNA, VIRAL, biosynthesis/ TRYPSIN, metabolism/ VIRAL PROTEINS, biosynthesis

6752. **O'Brien SU, Kleiner G, Olson R, et al:** Enzyme polymorphisms as genetic signatures in human cell cultures. Science 195(4284):1345–8, 25 Mar 77
ADENOSINE DEAMINASE, analysis/ ALLELES/ CAUCASIAN RACE/ *CELL LINE/ *CELLS, CULTURED, enzymology/ ESTERASES, analysis/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ HELA CELLS, enzymology/ HUMAN/ *ISOENZYMES, analysis/ KARYOTYPING/ MALE/ NEGROID RACE/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PHOSPHOGLUCOMUTASE, analysis/ PHOSPHOGLUCONATE DEHYDROGENASE, analysis/ *POLYMORPHISM (GENETICS)

6753. **Obukhan EI:** Reaktivost' megakariotsitov kostnogo mozga belykh krys pri vozdeĭstvii sverkhvysokochastotnogo polia maloĭ intensivnosti. Tsitol Genet 11(1):27–9, Jan–Feb 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD PLATELETS, radiation effects/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ ENGLISH ABSTRACT/ HEMATOPOIESIS, radiation effects/ *MEGAKARYOCYTES, radiation effects/ *MICROWAVES, adverse effects/ MITOSIS, radiation effects/ PHAGOCYTOSIS, radiation effects/ RATS

6754. **Ochiai T, Enoki Y:** Oxygenation properties and intraerythrocytic constituents of human blood when stored in different media of ACD and CPD.
Jpn J Physiol 26(4):375–84, 1976
*BLOOD PRESERVATION, methods/ *ERYTHROCYTES, metabolism/ HUMAN/ IN VITRO/ MALE/ *OXYGEN, blood/ *PHOSPHATES

6755. **Ochsner A:** Reminiscences on venous thrombosis and pulmonary embolism. Rev Surg 34(5):297–300, Sep–Oct 77
FEMALE/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, surgery/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, complications/ VENA

CAVA, INFERIOR, surgery

6756. **O'Connor ML, Meek ES, Simmons A:** Detection of HBsAg in coagulation Factor IX concentrates. Transfusion 17(1):44–6, Jan–Feb 77
BLOOD TRANSFUSION/ *FACTOR IX/ *HEPATITIS B ANTIGENS/ HEPATITIS B ANTIGENS, analysis/ HUMAN/ MICROSCOPY, ELECTRON/ RADIOIMMUNOASSAY

6757. **O'Cuinn G:** Peptide hydrolase activity in brain and pituitary of guinea pig. Biochem Soc Trans 4(5):864–6, 1976
ANIMAL/ *BRAIN, enzymology/ COMPARATIVE STUDY/ GUINEA PIGS/ ORGAN SPECIFICITY/ *PEPTIDE HYDROLASES, metabolism/ *PITUITARY GLAND, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

6758. **Oda K, Laskowski M Sr, Kress LF, et al:** Human plasma alpha1-proteinase inhibitor: temporary inhibition and multiple molecular forms of the complex with porcine trypsin. Biochem Biophys Res Commun 76(4):1062–70, 20 Jun 77
*ALPHA 1-ANTITRYPSIN/ ALPHA 1-ANTITRYPSIN, pharmacodynamics/ HUMAN/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PROTEIN BINDING/ SWINE/ *TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6759. **Odake K:** [Platelet nucleotide metabolism and platelet function (author's transl)] Acta Haematol Jpn 39(5):664–70, Oct 76 (Eng. Abstr.) **(Jpn)**
*ADENINE NUCLEOTIDES, metabolism/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT

6760. **Odani S, Ikenaka T:** The amino acid sequences of two soybean double headed proteinase inhibitors and evolutionary consideration on the legume proteinase inhibitors. J Biochem (Tokyo) 80(3):641–3, Sep 76
AMINO ACID SEQUENCE/ ARGININE/ CHYMOTRYPSIN, antagonists & inhibitors/ *ENZYME INHIBITORS/ ENZYME INHIBITORS, analysis/ PANCREATOPEPTIDASE, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SOY BEANS/ TRYPSIN INHIBITOR, BOWMAN-BIRK SOYBEAN, analysis

6761. **Odani S, Ikenaka T:** [Chemical structure and function of protein proteinase inhibitors (author's transl)] J Jpn Biochem Soc 49(1):1–18, 1977 (187 ref.) **(Jpn)**
ALPHA 1-ANTITRYPSIN, analysis/ AMINO ACID SEQUENCE/ ANIMAL/ CATTLE/ HUMAN/ REVIEW/ TRYPSIN INHIBITOR, BOWMAN-BIRK SOYBEAN, analysis/ TRYPSIN INHIBITOR, KAZAL PANCREATIC, analysis/ TRYPSIN INHIBITOR, KUNITZ SOYBEAN, analysis/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, physiology

6762. **Odar-Cederlof I:** Plasma protein binding of phenytoin and warfarin in patients undergoing renal transplantation. Clin Pharmacokinet 2(2):147–53, Mar–Apr 77
ADULT/ *BLOOD PROTEINS, metabolism/ CHRONIC DISEASE/ CREATININE, blood/ *DIPHENYLHYDANTOIN, blood/ FEMALE/ HUMAN/ IN VITRO/ *KIDNEY, transplantation/ MALE/ MIDDLE AGE/ PROTEIN BINDING/ SERUM ALBUMIN, metabolism/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ UREMIA, blood/ *WARFARIN, blood

6763. **Odeberg /, Olsson I:** Microbicidal mechanisms of human granulocytes: synergistic effects of granulocyte elastase and myeloperoxidase or chymotrypsin-like cationic protein. Infect Immun 14(6):1276–83, Dec 76
BINDING SITES/ *BLOOD BACTERICIDAL ACTIVITY/ *BLOOD PROTEINS, metabolism/ *CHYMOTRYPSIN, pharmacodynamics/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ ESCHERICHIA COLI, metabolism/ GLUCOSE OXIDASE, pharmacodynamics/ *GRANULOCYTES, microbiology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LEUKOCYTES, microbiology/ MURAMIDASE, pharmacodynamics/ *MYELOPEROXIDASE, pharmacodynamics/ PANCREATOPEPTIDASE, antagonists & inhibitors/ *PANCREATOPEPTIDASE, pharmacodynamics/ *PEROXIDASES, pharmacodynamics/ STAPHYLOCOCCUS AUREUS, metabolism

6764. **Odegård OR, Fagerhol MK, Lie M:** Heparin cofactor activity and antithrombin III concentration in plasma related to age and sex. Scand J Haematol 17(4):258–62, Oct 76
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *ALPHA GLOBULINS/ ALPHA GLOBULINS, analysis/ *ANTITHROMBINS, blood/ FEMALE/ *HEPARIN CO-FACTOR/ HEPARIN CO-FACTOR, analysis/ HUMAN/ MALE/ MIDDLE AGE/ NORMAL VALUES/ SEX FACTORS

6765. **Odegård OR, Abildgaard U:** Antifactor Xa activity in thrombophilia. Studies in a family with Ar-III deficiency. Scand J Haematol 18(2):86–90, Feb 77
ADULT/ AGED/ *ANTITHROMBINS/ ANTITHROMBINS, analysis/ *FACTOR X DEFICIENCY, blood/ FEMALE/ HEPARIN CO-FACTOR, metabolism/ HUMAN/ *HYPOPROTHROMBINEMIAS, blood/ MALE/ MIDDLE AGE/ PEDIGREE/ *THROMBOSIS, blood/ THROMBOSIS, familial & genetic

6766. **Odegård OR, Lie M, Abildgaard U:** Antifactor Xa activity measured with amidolytic methods. Haemostasis 5(5):265–75, 1976
*AMIDES, metabolism/ ANTITHROMBINS, deficiency/ *FACTOR X, antagonists & inhibitors/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ HEPARIN CO-FACTOR, analysis/ HEPARIN, pharmacodynamics/ HUMAN

6767. **O'Dell BL, Reynolds G, Reeves PG:** Analogous effects of zinc deficiency and aspirin toxicity in the pregnant rat. J Nutr 107(7):1222–8, Jul 77
ALDOSTERONE, pharmacodynamics/ ANIMAL/ *ASPIRIN, toxicity/ BLOOD COAGULATION/ CALCIUM, blood/ FEMALE/ FETAL DEATH, etiology/ POTASSIUM, blood/ *PREGNANCY COMPLICATIONS, physiopathology/ PREGNANCY/ PROSTAGLANDINS, metabolism/ RATS/ SODIUM, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ ZINC, blood/ *ZINC, deficiency/ ZINC, therapeutic use

6768. **O'Dell CW Jr, Coel MN:** Continuous injection supine phlebography. J Can Assoc Radiol 27(3):186–92, Sep 76
COLLATERAL CIRCULATION/ HUMAN/ ILIAC VEIN, radiography/ *LEG, blood supply/ PHLEBOGRAPHY, adverse effects/ *PHLEBOGRAPHY, methods/ POSTURE/ TECHNOLOGY, RADIOLOGIC/ THROMBOPHLEBITIS, radiography/ VENA CAVA, INFERIOR, radiography/ VENOUS INSUFFICIENCY, radiography

6769. **Odell TT, Murphy JR, Jackson CW:** Stimulation of megakaryocytopoiesis by acute thrombocytopenia in rats. Blood 48(5):765–75, Nov 76
ACUTE DISEASE/ ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *HEMATOPOIESIS/ MALE/ *MEGAKARYOCYTES, cytology/ MITOTIC INDEX/ PLOIDIES/ RATS/ *THROMBOPENIA, blood/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6770. **Odell TT, Boran DA:** The mitotic index of megakaryocytes of mice after acute thrombocytopenia.
Proc Soc Exp Biol Med 155(2):149–51, Jun 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, immunology/ IMMUNE SERUMS/ MALE/ *MEGAKARYOCYTES, physiology/ MICE/ MICE, INBRED C3H/ MITOTIC INDEX/ *THROMBOPENIA, blood/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6771. **Odievre M, Hadchouel P, Dupuy JM, et al:** Coagulation intravasculaire et insuffisance hépatique grave du nourrisson Arch Fr Pediatr 33(1):31–6, Jan 76 (Eng.

Abstr.) **(Fre)**
BLOOD CELL COUNT/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ ENGLISH ABSTRACT/ EXCHANGE TRANSFUSION/ FACTOR V, analysis/ *HEPATIC COMA, complications/ HUMAN/ INFANT

6772. **Odink J:** Platelet preservation. II. The response of human platelet suspensions to hypotonic stress.
Thromb Haemostas 36(1):182–91, 31 Aug 76
ABSORPTION/ *BLOOD PLATELETS/ *BLOOD PRESERVATION/ CRYOPROTECTIVE AGENTS, pharmacodynamics/ HUMAN/ HYPOTONIC SOLUTIONS/ OSMOLAR CONCENTRATION/ PRESSURE

6773. **Odink J, Sprokholt R:** Platelet preservation. III. The influence of dimethylsulfoxide and cooling conditions on serotonin uptake velocity and response to hypotonic stress of human platelets. Thromb Haemostas 36(1):192–9, 31 Aug 76
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *BLOOD PRESERVATION/ *COLD/ *DIMETHYL SULFOXIDE, pharmacodynamics/ HUMAN/ HYPOTONIC SOLUTIONS/ PRESSURE/ *SEROTONIN, metabolism/ TIME FACTORS

6774. **Odink J, Brank A:** Platelet preservation V. Survival, serotonin uptake velocity, and response to hypotonic stress of fresh and cryopreserved human platelets.
Transfusion 17(3):203–9, May–Jun 77
*BLOOD PLATELETS/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CELL SURVIVAL/ FACTOR V/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRINOPEPTIDES A/ FREEZING/ HUMAN/ OSMOTIC FRAGILITY/ PLASMAPHERESIS/ SEROTONIN, metabolism

6775. **O'Donnell TF Jr:** Congenital mixed vascular deformities of the lower limb: the relevance of lymphatic abnormalities to their diagnosis and treatment. Ann Surg 185(2):162–8, Feb 77
*ABNORMALITIES, MULTIPLE, radiography/ ANGIOGRAPHY/ ARTERIOVENOUS MALFORMATIONS, radiography/ ARTERIOVENOUS MALFORMATIONS, surgery/ *BLOOD VESSELS, abnormalities/ FEMALE/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ KLIPPEL-TRENAUNAY DISEASE, radiography/ KLIPPEL-TRENAUNAY DISEASE, surgery/ LEG, blood supply/ *LYMPHATIC SYSTEM, abnormalities/ LYMPHOGRAPHY/ MALE/ PHLEBOGRAPHY

6776. **O'Donnell TF Jr, Browse NL, Burnand KG, et al:** The socioeconomic effects of an iliofemoral venous thrombosis. J Surg Res 22(5):483–8, May 77
ABSENTEEISM/ ADULT/ AMPUTATION/ COSTS AND COST ANALYSIS/ FEMALE/ *FEMORAL VEIN/ FOLLOW-UP STUDIES/ *HANDICAPPED/ HOSPITALIZATION/ HUMAN/ *ILIAC VEIN/ ISCHEMIA, etiology/ LEG ULCER, etiology/ MALE/ PHLEBITIS, etiology/ PULMONARY EMBOLISM, etiology/ SOCIOECONOMIC FACTORS/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, surgery/ VENOUS INSUFFICIENCY, etiology

6777. **O'Driscoll KF:** Techniques of enzyme entrapment in gels.
Methods Enzymol 44:169–83, 1976
*ENZYMES, IMMOBILIZED/ EVALUATION STUDIES/ GALACTOSIDASES/ *GELS/ GLUCOSE OXIDASE/ KINETICS/ METHODS/ MULTIENZYME COMPLEXES/ TRYPSIN

6778. **Ody C, Junod AF:** Converting enzyme activity in endothelial cells isolated from pig pulmonary artery and aorta.
Am J Physiol 232(3):C95–8, Mar 77
ANGIOTENSIN II, biosynthesis/ ANGIOTENSIN, metabolism/ ANIMAL/ AORTA, THORACIC, cytology/ *AORTA, THORACIC, enzymology/ CHLORIDES, pharmacodynamics/ DEPRESSION, CHEMICAL/ DIPEPTIDES/ DNA, metabolism/ EDTA, pharmacodynamics/ ENDOTHELIUM, cytology/ ENDOTHELIUM, enzymology/ HYDROLYSIS/ OLIGOPEPTIDES/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PULMONARY ARTERY, cytology/ *PULMONARY ARTERY, enzymology/ SWINE/ SQ 20881, pharmacodynamics

6779. **Oeding P, Digranes A:** Classification of coagulase-negative staphylococci in the diagnostic laboratory.
Acta Pathol Microbiol Scand [B] 85(2):136–42, Apr 77
BACTERIOLOGICAL TECHNICS/ BLOOD/ *COAGULASE/ PHOSPHATASES, diagnostic use/ *STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, metabolism/ SUPPURATION/ TEICHOIC ACIDS, metabolism/ URINE

6780. **Oehler G, Róka L:** Beeinflussung der Bestimmung von Lipase im Serum durch die Heparintherapie.
J Clin Chem Clin Biochem 15(7):401–2, Jul 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ HUMAN/ KINETICS/ *LIPASE, blood/ PANCREATIC DISEASES, diagnosis

6781. **Oelz O, Oelz R, Knapp HR, et al:** Biosynthesis of prostaglandin D2. 1. Formation of prostaglandin D2 by human platelets. Prostaglandins 13(2):225–34, Feb 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BIOLOGICAL ASSAY/ *BLOOD PLATELETS, metabolism/ CHROMATOGRAPHY, GAS/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HUMAN/ INDOMETHACIN, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, blood/ PROSTAGLANDINS, pharmacodynamics/ SPECTRUM ANALYSIS, MASS/ THROMBIN, pharmacodynamics/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6782. **Oester YT, Keresztes-Nagy S, Mais RF, et al:** Effect of temperature on binding of warfarin by human serum albumin. J Pharm Sci 65(11):1673–7, Nov 76
BINDING SITES/ HUMAN/ IN VITRO/ KINETICS/ MODELS, BIOLOGICAL/ PROTEIN BINDING/ SALICYLATES, blood/ *SERUM ALBUMIN, metabolism/ *TEMPERATURE/ THERMODYNAMICS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *WARFARIN, blood

6783. **Offord RE, Storey HT, Rees AR, et al:** Diazoalkanes in peptide semisynthesis. Biochem J 159(3):480–6, 1 Dec 76
*AZO COMPOUNDS/ CARBOXYLIC ACIDS/ DIAZOMETHANE, analogs & derivatives/ ESTERIFICATION/ METHODS/ *PEPTIDES, chemical synthesis/ TRYPSIN

6784. **Offret G, Offret H:** Que faut-il penser des contre-indications à l'extraction du cristallin tirées de l'âge ou de l'état général. Bull Soc Ophtalmol Fr 76(5–6):429–33, May–Jun 77 (Eng. Abstr.) **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ AGE FACTORS/ AGED/ ANTICOAGULANTS, therapeutic use/ *CATARACT EXTRACTION/ CATARACT EXTRACTION, adverse effects/ CHRONIC DISEASE/ DIABETES MELLITUS, complications/ DRUG THERAPY, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HEALTH/ HEART ARREST, etiology/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS/ THROMBOEMBOLISM, etiology

6785. **Oganesian SS, Koshkarian AO, Eloian MA, et al:** Ob odnom iz molekuliarnykh faktorov razvitiia kompensatornoĭ gipertrofii miokarda. Kardiologiia 17(3):103–8, Mar 77 (Eng. Abstr.) **(Rus)**
ACTIN, pharmacodynamics/ ANIMAL/ CULTURE MEDIA/ DOGS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ *HEART ENLARGEMENT, etiology/ IN VITRO/ MYOCARDIUM, analysis/ *MYOCARDIUM, pathology/ MYOFIBRILS, metabolism/ MYOSIN, analysis/ MYOSIN, biosynthesis/ RABBITS/

TRYPSIN, pharmacodynamics/ UREA, pharmacodynamics

6786. **Ogashiwa M, Takeuchi K:** [Clinicopathological studies of the vegetative state--distinction between the vegetative state and brain death] Brain Nerv 28(9):901–12, Sep 76 (Eng. Abstr.) **(Jpn)**
ADULT/ *BRAIN DEATH/ BRAIN INJURIES, ACUTE, physiopathology/ BRAIN NEOPLASMS, surgery/ BRAIN STEM/ CASE REPORT/ CEREBRAL CORTEX/ CEREBRAL HEMORRHAGE, physiopathology/ CONTUSIONS, physiopathology/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, physiopathology/ HUMAN/ MALE/ MENINGIOMA, surgery/ MENINGITIS, pathology/ MENINGITIS, physiopathology/ MIDDLE AGE/ PROGNOSIS

6787. **Ogawa H, Goldsmith LA:** Human epidermal transglutaminase. II. Immunologic properties. J Invest Dermatol 68(1):32–5, Jan 77
ANIMAL/ CALCIUM, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ FACTOR XIII/ *GLUTAMYL TRANSPEPTIDASE, immunology/ HEAT/ HUMAN/ PRECIPITINS/ RABBITS, immunology/ *SKIN, enzymology/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6788. **Ogawa H, Goldsmith LA:** Epidermal and other tissue transglutaminases. pp. 419–32.
In: Seiji M, Bernstein IA, ed. Biochemistry of cutaneous epidermal differentiation. Baltimore, Univ Park Press, 1977. WR 102 J35b 1976. (18 ref.)
ANIMAL/ ENZYME ACTIVATION/ FACTOR XIII, metabolism/ GLUTAMYL TRANSPEPTIDASE, blood/ GLUTAMYL TRANSPEPTIDASE, isolation & purification/ *GLUTAMYL TRANSPEPTIDASE, metabolism/ HAIR, enzymology/ HUMAN/ IN VITRO/ LIVER, enzymology/ MONOGRAPH/ REVIEW/ *SKIN, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6789. **Ogawa K, Gibbons IR:** Dynein 2. A new adenosine triphosphatase from sea urchin sperm flagella. J Biol Chem 251(18):5793–801, 25 Sep 76
ADENOSINE TRIPHOSPHATASE, immunology/ ADENOSINE TRIPHOSPHATASE, isolation & purification/ *ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ ANTIGEN-ANTIBODY REACTIONS/ *FLAGELLA, enzymology/ ISOENZYMES, isolation & purification/ ISOENZYMES, metabolism/ KINETICS/ MALE/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *SEA URCHINS, enzymology/ *SPERMATOZOA, enzymology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6790. **Ogle J, Hope RR, Watson C:** Kasabach-Merritt syndrome with terminal gram negative infection. NZ Med J 83(566):441–2, 23 Jun 76
CASE REPORT/ *DISEASES IN TWINS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, familial & genetic/ *HEMANGIOMA, complications/ HEMANGIOMA, familial & genetic/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE/ *SEPTICEMIA, complications/ SEPTICEMIA, familial & genetic/ *SKIN NEOPLASMS, complications/ SKIN NEOPLASMS, familial & genetic/ SYNDROME

6791. **Ogle JD, Nathan P, Law EJ, et al:** On the specificities of proteases in the healing human burn wound. p. 402.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
*BURNS, enzymology/ HUMAN/ KINETICS/ MONOGRAPH/ *PEPTIDE HYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ *WOUND HEALING

6792. **Oglietti J, Baquero VJ, Lufschanowski R, et al:** Occlusion of the left main coronary artery secondary to left ventricular angioma. Chest 70(4):542–4, Oct 76
ADULT/ AORTOCORONARY BYPASS/ CASE REPORT/ CINEANGIOGRAPHY/ *CORONARY DISEASE, etiology/ CORONARY DISEASE, radiography/ CORONARY DISEASE, surgery/ HEART CATHETERIZATION/ *HEART NEOPLASMS, complications/ HEART NEOPLASMS, radiography/ HEART NEOPLASMS, surgery/ *HEMANGIOMA, complications/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ MALE

6793. **Ogmundsdóttir HM, Weir DM:** The characteristics of binding of Corynebacterium parvum to glass-adherent mouse peritoneal exudate cells. Clin Exp Immunol 26(2):334–9, Nov 76
AGGLUTINATION TESTS/ ANIMAL/ ANTIBODIES/ ASCITIC FLUID, cytology/ BINDING SITES/ CARBOHYDRATES, pharmacodynamics/ *CELL ADHESION/ CELL MEMBRANE, immunology/ *MACROPHAGES, immunology/ MAGNESIUM, pharmacodynamics/ MICE/ *PROPIONIBACTERIUM ACNES, immunology/ TEMPERATURE/ TRYPSIN, pharmacodynamics

6794. **Ognev IuV, Kriger AG:** Narusheniia gemotsirkuliatsii pri ostrom pankreatite Vestn Khir 117(11):124–9, Nov 76 **(Rus)**
ACUTE DISEASE/ ANIMAL/ *BLOOD CIRCULATION/ CAPILLARIES/ DOGS/ HUMAN/ ISCHEMIA, complications/ ISCHEMIA, etiology/ KININS, blood/ MICROCIRCULATION/ MYOCARDIAL DEPRESSANT FACTOR, adverse effects/ MYOCARDIAL DEPRESSANT FACTOR, blood/ *PANCREAS, blood supply/ *PANCREATITIS, etiology/ RATS/ SHOCK, physiopathology/ THROMBOSIS, complications/ THROMBOSIS, etiology/ TRYPSIN, blood

6795. **Ognev IuV, Kolodiĭ SM:** Antifermenty v lechenii ostrogo pankreatita (obzor litaratury) Khirurgiia (Mosk) (3):135–9, Mar 77 **(Rus)**
ACUTE DISEASE/ *ENZYME INHIBITORS, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, drug therapy

6796. **Ogrydziak DM, Demain AL, Tannenbaum SR:** Regulation of extracellular protease production in Candida lipolytica. Biochim Biophys Acta 497(2):525–38, 27 Apr 77
AMMONIA, metabolism/ *CANDIDA, enzymology/ CANDIDA, metabolism/ CELL DIVISION/ CULTURE MEDIA/ CYSTEINE, metabolism/ GLYCERIN, metabolism/ LACTATES, metabolism/ METHIONINE, metabolism/ MUTATION/ *PEPTIDE HYDROLASES, metabolism/ PHENOTYPE/ SPECIES SPECIFICITY

6797. **Ogston D, Murray J, Crawford GP:** Inhibition of the activated Cls subunit of the first component of complement by antithrombin III in the presence of heparin. Thromb Res 9(3):217–222, Sep 76
*ANTITHROMBINS, pharmacodynamics/ *COMPLEMENT 1, antagonists & inhibitors/ *COMPLEMENT, antagonists & inhibitors/ ESTERASES, metabolism/ *HEPARIN, pharmacodynamics/ HUMAN

6798. **Ogunbiyi OA, Okon EE:** Studies on the digestive enzymes of the African fruit bat Eidolon helvum (Kerr). Comp Biochem Physiol [A] 55(4A):359–61, 1976
AMYLASE, metabolism/ ANIMAL/ CELLULASE, metabolism/ *CHIROPTERA, metabolism/ *GASTROINTESTINAL SYSTEM, enzymology/ GLUCOSIDASES, metabolism/ ORGAN SPECIFICITY/ PEPSIN, metabolism/ PEPTIDE HYDROLASES, metabolism/ TRYPSIN, metabolism

6799. **Ogura H:** XC cell fusion by murine leukemia viruses: fusion from without. Med Microbiol Immunol (Berl) 162(3-4):175–81, 1 Dec 76 (Eng. Abstr.)
BROMELAINS, pharmacodynamics/ *CELL FUSION/ CELL LINE/ ENGLISH ABSTRACT/ FRIEND VIRUS, drug effects/ FRIEND VIRUS, radiation effects/ HYDROXYLAMINES, pharmacodynamics/ *MOUSE LEUKEMIA VIRUSES/ MOUSE LEUKEMIA VIRUSES, drug effects/ MOUSE LEUKEMIA VIRUSES, radiation effects/ PROPIOLACTONE, pharmacodynamics/

SARCOMA, EXPERIMENTAL/ SONICATION/ TRYPSIN, pharmacodynamics/ ULTRAVIOLET RAYS

6800. **Ogura H, Miyaji K, Kinoshita T, et al:** [The change of antithrombin III activity of pregnant women and women on oral contraceptives (author's transl)]
Acta Haematol Jpn 40(2):232–7, Apr 77 (Eng. Abstr.) **(Jpn)**
ADULT/ *ANTITHROMBINS, analysis/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PREGNANCY TRIMESTER, THIRD/ *PREGNANCY/ PUERPERIUM

6801. **Oguri T, Kato R, Sugawara Y, et al:** [Changes of antithrombin III in the thrombotic diathesis (author's transl)]
Acta Haematol Jpn 40(2):244–7, Apr 77 (Eng. Abstr.) **(Jpn)**
ADULT/ *ANTITHROMBINS, analysis/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *THROMBOSIS, blood

6802. **Oh-ishi S, Katori M, Nam Han Y, et al:** Possible physiological role of new peptide fragments released from bovine high molecular weight kininogen by plasma kallikrein. Biochem Pharmacol 26(2):115–20, 15 Jan 77
ANIMAL/ BLOOD COAGULATION, drug effects/ BLOOD PRESSURE, drug effects/ CAPILLARY PERMEABILITY, drug effects/ CATTLE/ DEPRESSION, CHEMICAL/ FACTOR XII, metabolism/ FEMALE/ FIBRINOLYSIN, metabolism/ GUINEA PIGS/ HUMAN/ IN VITRO/ KALLIKREIN, blood/ *KALLIKREIN, physiology/ *KININOGENS, metabolism/ KININS, biosynthesis/ MALE/ MOLECULAR WEIGHT/ MUSCLE CONTRACTION, drug effects/ MUSCLE, SMOOTH, drug effects/ PEPTIDES, metabolism/ PEPTIDES, pharmacodynamics/ *PEPTIDES, physiology/ RABBITS/ RATS/ THROMBIN, metabolism/ TIME FACTORS

6803. **Ohishi I, Sakaguchi G:** Activation of botulinum toxins in the absence of nicking. Infect Immun 17(2):402–7, Aug 77
BOTULINUM TOXIN, biosynthesis/ BOTULINUM TOXIN, isolation & purification/ BOTULINUM TOXIN, metabolism/ *BOTULINUM TOXIN, toxicity/ CLOSTRIDIUM BOTULINUM, metabolism/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ PEPTIDES, metabolism/ *TRYPSIN, metabolism

6804. **Ohler WG:** Uberwachung der Antikoagulantientherapie
Med Lab (Stuttg) 29(10):219–29, 1976 **(Ger)**
ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, therapeutic use/ HEMORRHAGE, chemically induced/ HUMAN/ THROMBOEMBOLISM, drug therapy

6805. **Ohler WG:** Leberversagen und Gerinnungsstörungen.
Leber Magen Darm 7(4):270–6, Aug 77 (Eng. Abstr.) **(Ger)**
ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD COAGULATION FACTORS, therapeutic use/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *HEMORRHAGIC DIATHESIS, complications/ HEPARIN, therapeutic use/ HUMAN/ *LIVER DISEASES, complications/ LIVER, physiology/ PROGNOSIS/ SPLENECTOMY/ THROMBOPENIA, etiology/ VITAMIN K, therapeutic use

6806. **Ohlsson K, Olsson I, Delshammar M, et al:** Elastases from human and canine granulocytes, I. Some proteolytic and esterolytic properties. Hoppe Seylers Z Physiol Chem 357(9):1245–50, Sep 76
ALANINE, analogs & derivatives/ ALPHA 1-ANTITRYPSIN, metabolism/ ANIMAL/ CASEIN, analogs & derivatives/ COMPARATIVE STUDY/ DOGS/ ELASTIN/ *ESTERASES/ FORMIC ACIDS/ *GRANULOCYTES, enzymology/ HUMAN/ *LEUKOCYTES, enzymology/ *PANCREATOPEPTIDASE, metabolism/ *PEPTIDE HYDROLASES/ SPECIES SPECIFICITY

6807. **Ohlsson K, Tegner H:** Inhibition of elastase from granulocytes by the low molecular weight bronchial protease inhibitor. Scand J Clin Lab Invest 36(5):437–45, Sep 76
ANTIBODY FORMATION/ *BRONCHI, secretion/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ CLOSTRIDIOPEPTIDASE A, metabolism/ ELECTROPHORESIS, AGAR GEL/ *GRANULOCYTES, enzymology/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *LEUKOCYTES, enzymology/ MOLECULAR WEIGHT/ *PANCREATOPEPTIDASE, metabolism/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SPUTUM, enzymology/ TRYPSIN INHIBITORS, pharmacodynamics/ ULTRAFILTRATION

6808. **Ohlsson K, Olsson AS:** Purification and partial characterization of human pancreatic elastase.
Hoppe Seylers Z Physiol Chem 357(8):1153–61, Aug 76
AMINO ACIDS, analysis/ COMPARATIVE STUDY/ DUODENUM/ GEL DIFFUSION TESTS/ GRANULOCYTES, enzymology/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR/ KINETICS/ *PANCREATIC JUICE, enzymology/ *PANCREATOPEPTIDASE/ PANCREATOPEPTIDASE, immunology/ PANCREATOPEPTIDASE, isolation & purification/ PANCREATOPEPTIDASE, metabolism/ RABBITS/ SWINE

6809. **Ohlsson K, Tegner H, Fritz H, et al:** Immunological similarity between low molecular weight trypsin-chymotrypsin inhibitors from human bronchial secretion and seminal plasma.
Hoppe Seylers Z Physiol Chem 357(9):1241–4, Sep 76
BRONCHI, immunology/ *BRONCHI, secretion/ *CHYMOTRYPSIN, antagonists & inhibitors/ CHYMOTRYPSIN, immunology/ COMPARATIVE STUDY/ CROSS REACTIONS/ GEL DIFFUSION TESTS/ HUMAN/ IN VITRO/ MALE/ MOLECULAR WEIGHT/ *SEMEN, immunology/ *TRYPSIN INHIBITORS, immunology

6810. **Ohlsson K, Akesson U:** alpha1-Antichymotrypsin interaction with cationic proteins from granulocytes.
Clin Chim Acta 73(2):285–91, 1 Dec 76
ALPHA MACROGLOBULINS/ ALPHA 1-ANTITRYPSIN/ *CHYMOTRYPSIN, antagonists & inhibitors/ CHYMOTRYPSIN, blood/ CHYMOTRYPSIN, immunology/ *GRANULOCYTES, enzymology/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ KINETICS/ *LEUKOCYTES, enzymology/ *PEPTIDE HYDROLASES, blood

6811. **Ohlsson K, Olsson I:** Neutral proteases of human granulocytes. IV. Interaction between human granulocyte collagenase and plasma protease inhibitors.
J Lab Clin Med 89(2):269–77, Feb 77
ALPHA MACROGLOBULINS, metabolism/ ALPHA 1-ANTITRYPSIN, metabolism/ *CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ CLOSTRIDIOPEPTIDASE A, blood/ *GRANULOCYTES, enzymology/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ *LEUKOCYTES, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, blood

6812. **Ohlsson K, Olsson I, Spitznagel K:** Localization of chymotrypsin-like cationic protein, collagenase and elastase in azurophil granules of human neutrophilic polymorphonuclear leukocytes.
Hoppe Seylers Z Physiol Chem 358(3):361–6, Mar 77
ADULT/ AZURIN, blood/ CELL FRACTIONATION/ *CHYMOTRYPSIN, blood/ *CLOSTRIDIOPEPTIDASE A, blood/ CYTOPLASMIC GRANULES, enzymology/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ MOLECULAR

WEIGHT/ *NEUTROPHILS, enzymology/ *PANCREATOPEPTIDASE, blood/ SUBCELLULAR FRACTIONS, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6813. **Ohlsson K, Tegner H, Akesson U:** Isolation and partial characterization of a low molecular weight acid stable protease inhibitor from human bronchial secretion. Hoppe Seylers Z Physiol Chem 358(5):583–9, May 77
BRONCHI, enzymology/ *BRONCHI, secretion/ CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN, antagonists & inhibitors/ DRUG STABILITY/ HUMAN/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *TRYPSIN INHIBITORS, isolation & purification

6814. **Ohno M, Sato S, Karasaki Y, et al:** Kinetic study of alpha-chymotrypsin catalysis with regard to the interaction between the specificity-determining site and the aromatic side chain of substrates. J Biochem (Tokyo) 80(2):239–51, Aug 76
AMINO ACIDS/ BINDING SITES/ *CHYMOTRYPSIN, metabolism/ KINETICS/ PROTEIN BINDING/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP

6815. **Ohta M, Iida A, Ueda H, et al:** [Mediastinal neoplasm associated with thrombocytopenic purpura and pure red cell anemia] Jpn J Thorac Surg 29(10):750–4, 1 Oct 76 (Eng. Abstr.) **(Jpn)**
ADULT/ *ANEMIA, APLASTIC, complications/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *MEDIASTINAL NEOPLASMS, complications/ *PURPURA, THROMBOPENIC, complications/ *THYMOMA, complications

6816. **Ojima M, Fujita K:** Inhibition of platelet aggregation and white thrombus formation by prostaglandin analogue ONO-747. Adv Prostaglandin Thromboxane Res 2:781–5, 1976
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ *BLOOD COAGULATION, drug effects/ DOGS/ HUMAN/ *PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS E, pharmacodynamics/ PROSTAGLANDINS, SYNTHETIC, pharmacodynamics/ RABBITS/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP

6817. **Okada J, Hara M, Takeuchi K:** Dural haemangioma with extracranial component. Acta Neurochir (Wien) 36(1–2):111–5, 1977
ADULT/ *BRAIN NEOPLASMS, blood supply/ CASE REPORT/ *DURA MATER, blood supply/ *HEMANGIOMA, CAVERNOUS, blood supply/ HUMAN/ MALE

6818. **Okada K, Kawaharajo K, Homma JY, et al:** Studies on the pathogenicity of Pseudomonas aeruginosa by the use of ligated rabbit intestines (the De test). Jpn J Exp Med 46(4):245–56, Aug 76
ANIMAL/ ENTERITIS, microbiology/ *ENTERITIS, pathology/ IN VITRO/ JEJUNUM/ PANCREATOPEPTIDASE, adverse effects/ PANCREATOPEPTIDASE, metabolism/ PEPTIDE HYDROLASES, adverse effects/ PEPTIDE HYDROLASES, metabolism/ PSEUDOMONAS AERUGINOSA, enzymology/ *PSEUDOMONAS AERUGINOSA, pathogenicity/ *PSEUDOMONAS INFECTIONS, pathology/ RABBITS

6819. **Okazaki N, Yoshino M, Yoshida T, et al:** Radiotherapy of hemangioma cavernosum of the liver. Gastroenterology 73(2):353–6, Aug 77
ADULT/ CASE REPORT/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ FEMALE/ FOLLOW-UP STUDIES/ GOLD COLLOID, RADIOACTIVE/ HEMANGIOMA, CAVERNOUS, diagnosis/ *HEMANGIOMA, CAVERNOUS, radiotherapy/ HUMAN/ LIVER NEOPLASMS, diagnosis/ *LIVER NEOPLASMS, radiotherapy/ MALE/ PREGNANCY COMPLICATIONS, radiotherapy/ PREGNANCY/ RADIONUCLIDE IMAGING/ RADIOTHERAPY, HIGH ENERGY/ REMISSION

6820. **Okies JE, Goodnight SH, Litchford B, et al:** Effects of infusion of cardiotomy suction blood during extracorporeal circulation for coronary artery bypass surgery. J Thorac Cardiovasc Surg 74(3):440–4, Sep 77
*AORTOCORONARY BYPASS/ BLOOD COAGULATION TESTS/ *BLOOD/ *EXTRACORPOREAL CIRCULATION/ FILTRATION/ HEMORRHAGE/ HEMOSTASIS, SURGICAL/ HUMAN/ LIVER, physiology/ LUNG, physiology/ NERVOUS SYSTEM, physiology/ OXYGENATORS/ PERICARDIUM/ POLYETHYLENE TEREPHTHALATE/ SAPHENOUS VEIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6821. **Okong'o O, Fernando KA, Rwegellera GG, et al:** Normal values for the nitroblue tetrazolium test (NBT. test). Med J Zambia 11(3):71–3, Jun-Jul 77
ADULT/ BLOOD PRESERVATION/ FEMALE/ HUMAN/ *LEUKOCYTES, metabolism/ NEUTROPHILS, metabolism/ *NITROBLUE TETRAZOLIUM, metabolism/ *TETRAZOLIUM SALTS, metabolism/ TIME FACTORS

6822. **Oksenkrug GF:** Vliianie antidepressantov na pogloshchenie serotonina trombotsitami cheloveka Farmakol Toksikol 40(2):146–8, Mar-Apr 77 (Eng. Abstr.) **(Rus)**
ABSORPTION/ *ANTIDEPRESSIVE AGENTS, pharmacodynamics/ BIOLOGICAL TRANSPORT/ *BLOOD PLATELETS, metabolism/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ *SEROTONIN, metabolism

6823. **Oksenkryg GF:** Vliianie D-, M- i T-antagonistov serotonina na ego pogloshchenie trombotsitami cheloveka Biull Eksp Biol Med 82(9):1076–7, Sep 76 (Eng. Abstr.) **(Rus)**
ABSORPTION/ *BLOOD PLATELETS, metabolism/ COCAINE, pharmacodynamics/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DIHYDROERGOTAMINE, pharmacodynamics/ ENGLISH ABSTRACT/ HUMAN/ METHYSERGIDE, pharmacodynamics/ MORPHINE, pharmacodynamics/ RECEPTORS, SEROTONIN/ *SEROTONIN, antagonists & inhibitors/ SEROTONIN, metabolism

6824. **Okuma M:** [Lipid metabolism of the platelet and platelet function (author's transl)] Acta Haematol Jpn 39(5):682–93, Oct 76 (Eng. Abstr.) **(Jpn)**
*ARACHIDONIC ACIDS, metabolism/ BLOOD PLATELET DISORDERS, blood/ *BLOOD PLATELETS, metabolism/ ENGLISH ABSTRACT/ HUMAN/ *PLATELET AGGREGATION

6825. **Okumura H, Watanabe R, Kotoura Y, et al:** [Effects of a proteolytic-enzyme preparation used concomitantly with an antibiotic in osteoarticular infections (author's transl)] Jpn J Antibiot 30(3):223–7, Mar 77 (Eng. Abstr.)
ADULT/ AGED/ *BONE DISEASES, drug therapy/ BONE DISEASES, metabolism/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ EXUDATES AND TRANSUDATES, analysis/ FEMALE/ HUMAN/ *JOINT DISEASES, drug therapy/ JOINT DISEASES, metabolism/ MALE/ MIDDLE AGE/ MYELITIS, drug therapy/ MYELITIS, metabolism/ *PENICILLIN G, analogs & derivatives/ PEPTIDE HYDROLASES, administration & dosage/ *PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDE HYDROLASES, therapeutic use/ SULBENICILLIN, administration & dosage/ *SULBENICILLIN, metabolism/ SULBENICILLIN, therapeutic use

6826. **Okumura T, Jamieson GA:** Platelet glycocalicin. I. Orientation of glycoproteins of the human platelet surface. J Biol Chem 251(19):5944–9, 10 Oct 76
*BLOOD PLATELETS, ultrastructure/ *CELL MEMBRANE, ultrastructure/ CHYMOTRYPSIN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ *GLYCOPROTEINS, blood/ HUMAN/ NEURAMINIDASE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6827. **Okumura i, Lombart C, Jamieson GA:** Platelet glycocalicin.

II. Purification and characterization. J Biol Chem 251(19):5950–5, 10 Oct 76
AMINO ACIDS, analysis/ *BLOOD PLATELETS, analysis/ GEL DIFFUSION TESTS/ *GLYCOPROTEINS, blood/ GLYCOPROTEINS, isolation & purification/ HEXOSAMINES, analysis/ HEXOSES, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ SIALIC ACIDS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6828. **Okuno T, Crockatt D:** Platelet factor 4 activity and thromboembolic episodes. Am J Clin Pathol 67(4):351–5, Apr 77
AGE FACTORS/ ALCOHOLISM, blood/ *BLOOD COAGULATION FACTORS/ CORONARY DISEASE, blood/ DIABETES MELLITUS, blood/ FEMALE/ HUMAN/ LIVER DISEASES, blood/ MALE/ MYOCARDIAL INFARCT, blood/ *PLATELET FACTOR 4/ SEX FACTORS/ *THROMBOEMBOLISM, blood/ THROMBOPENIA, blood/ THROMBOSIS, blood/ THROMBOSIS, diagnosis

6829. **Olaso V, Carrasco D, Cabades F, et al:** Síndrome de Dubin–Johnson. Efectos del fenobarbital. Rev Clin Esp 146(1–2):35–40, 15–31 Jul 77 (Eng. Abstr.) **(Spa)**
ALKALINE PHOSPHATASE, blood/ BILIRUBIN, blood/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FACTOR VII/ FEMALE/ HUMAN/ *JAUNDICE, CHRONIC IDIOPATHIC, drug therapy/ PHENOBARBITAL, adverse effects/ *PHENOBARBITAL, therapeutic use

6830. **Olcott C 4th:** Heparin prophylaxis for deep vein thrombosis and pulmonary embolism. West J Med 125(3):187–90, Sep 76
ADULT/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ *PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

6831. **Oldberg A, Höök M, Obrink B, et al:** Structure and metabolism of rat liver heparan sulphate. Biochem J 164(1):75–81, 15 Apr 77
ANIMAL/ BIOCHEMISTRY/ CELLS, CULTURED/ CHONDROITINASES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GEL/ GLUCURONATES/ GLYCOSAMINOGLYCANS, analysis/ *HEPARITIN SULFATE, metabolism/ IDURONIC ACID/ LIVER, analysis/ *LIVER, metabolism/ *MUCOPOLYSACCHARIDES, metabolism/ NITROUS ACID/ PROTEOGLYCANS, analysis/ RATS/ TIME FACTORS/ TRYPSIN

6832. **Oldenburger D, Gundlach WJ:** Intramural esophageal hematoma in a hemophiliac. An unusual cause of gastrointestinal bleeding. JAMA 237(8):800, 21 Feb 77
ADULT/ CASE REPORT/ *ESOPHAGEAL DISEASES, etiology/ *HEMATOMA, etiology/ *HEMOPHILIA, complications/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE

6833. **Oldmixon WJ:** Case for diagnosis. Milit Med 142(6):434, 453, Jun 77
ADULT/ CASE REPORT/ FEMALE/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HUMAN

6834. **ole-Moi Yoi O, Spragg J, Halbert SP, et al:** Immunologic reactivity of purified human urinary kallikrein (urokallikrein) with antiserum directed against human pancreas. J Immunol 118(2):667–72, Feb 77
GEL DIFFUSION TESTS/ HUMAN/ *IMMUNE SERUMS, pharmacodynamics/ IMMUNOELECTROPHORESIS/ IMMUNOLOGIC TECHNICS/ IMMUNOSORBENTS/ ISOELECTRIC FOCUSING/ KALLIKREIN, immunology/ *KALLIKREIN, urine/ MALE/ *PANCREAS, immunology/ PERISSODACTYLA/ PRECIPITATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6835. **Olejnik Z, Strzelecki R:** Meningokokowe zapalenie opon mózgowo-rdzeniowych z posocznicą i wstrząsem (aspekty patogenetyczne i lecznicze w świetle opisanego przypadku) Przegl Epidemiol 30(3):411–5, 1976 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ANTIBIOTICS, therapeutic use/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ *SEPTICEMIA, etiology/ SHOCK, SEPTIC, drug therapy/ *SHOCK, SEPTIC, etiology/ *WATERHOUSE-FRIDERICHSEN SYNDROME, complications

6836. **Olinger GN, Hottenrott C, Mulder DG, et al:** Acute clinical hypocalcemic myocardial depression during rapid blood transfusion and postoperative hemodialysis: a preventable complication. J Thorac Cardiovasc Surg 72(4):503–11, Oct 76
BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ CALCIUM, administration & dosage/ CARDIAC OUTPUT, drug effects/ CITRATES, administration & dosage/ *HEMODIALYSIS, adverse effects/ HEMODYNAMICS, drug effects/ HEMOSTASIS, SURGICAL/ HUMAN/ *HYPOCALCEMIA, prevention & control/ *MYOCARDIAL CONTRACTION/ MYOCARDIAL CONTRACTION, drug effects/ MYOCARDIAL REVASCULARIZATION/ UREMIA, therapy

6837. **Oliphant G, Cabot CL, Singhas CA:** Nature of the rabbit acrosome reaction-inducing activity of follicular fluid. J Reprod Fertil 50(2):245–50, Jul 77
ACROSOME, drug effects/ *ACROSOME, physiology/ ANIMAL/ CALCIUM, pharmacodynamics/ FEMALE/ GRAAFIAN FOLLICLE, drug effects/ GRAAFIAN FOLLICLE, enzymology/ GRAAFIAN FOLLICLE, immunology/ *GRAAFIAN FOLLICLE, physiology/ HEAT/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ MALE/ PEPTIDE HYDROLASES, pharmacodynamics/ *SPERMATOZOA, physiology/ SPERMATOZOA, ultrastructure/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6838. **Oliva PB, Breckinridge JC:** Arteriographic evidence of coronary arterial spasm in acute myocardial infarction. Circulation 56(3):366–74, Sep 77
ACUTE DISEASE/ ADULT/ AGED/ CONSTRICTION, PATHOLOGIC, physiopathology/ CONSTRICTION, PATHOLOGIC, radiography/ CORONARY CIRCULATION, drug effects/ CORONARY VESSELS, drug effects/ CORONARY VESSELS, physiopathology/ *CORONARY VESSELS, radiography/ CREATINE KINASE, blood/ ELECTROCARDIOGRAPHY/ EXERTION/ FEMALE/ GLYCERYL TRINITRATE, administration & dosage/ GLYCERYL TRINITRATE, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, enzymology/ MYOCARDIAL INFARCT, physiopathology/ *MYOCARDIAL INFARCT, radiography/ PLATELET AGGREGATION/ TIME FACTORS

6839. **Olive D, Cartault F, Legras B, et al:** Evaluation, chez l'enfant, des effets secondaires cliniques, biologiques et électro-encéphalographiques de la L-asparaginase Pediatrie 31(3):259–78, Apr 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ *ASPARAGINASE, adverse effects/ BLOOD COAGULATION DISORDERS, chemically induced/ *BRAIN, drug effects/ CHILD/ CHILD, PRESCHOOL/ DIABETES MELLITUS, chemically induced/ DRUG HYPERSENSITIVITY/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEVER, chemically induced/ GASTROINTESTINAL DISEASES, chemically induced/ HEMOSTASIS, drug effects/ HEPATITIS, TOXIC/ HUMAN/ INFANT/ KIDNEY, drug effects/ *LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ LIVER, drug effects/ MUSCLES, drug effects/ PANCREAS, drug effects/

PANCREATITIS, chemically induced/ THROMBOPENIA, chemically induced

6840. **Olivecrona T, Hernell O:** Human milk lipases and their possible role in fat digestion. Paediatr Paedol 11(4):600–4, 1976
BILE ACIDS AND SALTS, physiology/ *DIETARY FATS, metabolism/ HUMAN/ INFANT, NEWBORN/ INTESTINAL ABSORPTION/ *LIPASE, physiology/ LIPOPROTEIN LIPASE, metabolism/ *MILK, HUMAN, enzymology

6841. **Olivecrona T, Bengtsson G, Egelrud T:** Lipoprotein lipase and heparin. pp. 145–57.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
BINDING SITES/ CAPILLARIES, enzymology/ CHROMATOGRAPHY, AFFINITY/ HEPARIN, metabolism/ *HEPARIN, pharmacodynamics/ HUMAN/ LIPASE, blood/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, isolation & purification/ LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, metabolism/ LIVER, enzymology/ MILK, enzymology/ MONOGRAPH

6842. **Olivecrona T, Bengtsson G, Marklund SE, et al:** Heparin–lipoprotein lipase interactions. Fed Proc 36(1):60–5, Jan 77
ANIMAL/ BINDING SITES/ *CAPILLARIES, metabolism/ CHYLOMICRONS, metabolism/ ENDOTHELIUM, metabolism/ GLYCOSAMINOGLYCANS, metabolism/ *HEPARIN, pharmacodynamics/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, metabolism/ LIVER, enzymology/ MILK, enzymology/ MODELS, BIOLOGICAL

6843. **Olivecrona T, Hernell O:** Are the lipases in human milk important for fat digestion in the newborn? pp. 315–20.
In: Rommel K, Bohmer R, ed. Lipid absorption: biochemical and clinical aspects. Baltimore, Univ Park Press, 1976. QU 85 L761 1975.
BILE ACIDS AND SALTS, physiology/ CATALYSIS/ *DIETARY FATS, metabolism/ DIGESTION/ ENZYME ACTIVATION/ EVOLUTION/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *INFANT, NEWBORN/ KINETICS/ *LIPASE, metabolism/ LIPOPROTEIN LIPASE, metabolism/ *MILK, HUMAN, enzymology/ MONOGRAPH/ PEPTIDE HYDROLASES, metabolism

6844. **Oliveira EB, Martins AR, Camargo AC:** Rabbit brain thiol-activated endopeptidase. Hydrolysis of bradykinin and kininogen. Gen Pharmacol 7(2–3):159–61, Aug 76
AMINO ACIDS, analysis/ ANIMAL/ *BRADYKININ, metabolism/ *BRAIN, enzymology/ BRAIN, ultrastructure/ DITHIOTHREITOL, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ IN VITRO/ *KININOGENS, metabolism/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDES, analysis/ RABBITS/ SUBCELLULAR FRACTIONS, enzymology/ *SULFHYDRYL COMPOUNDS, pharmacodynamics/ TIME FACTORS

6845. **Oliver RF, Grant RA, Hulme MJ, et al:** Incorporation of stored cell-free dermal collagen allografts into skin wounds: a short term study. Br J Plast Surg 30(1):88–95, Jan 77
ANIMAL/ CELL-FREE SYSTEM/ *COLLAGEN/ RATS/ SKIN, injuries/ *SKIN, surgery/ TRANSPLANTATION, ALLOGENEIC, methods/ TRYPSIN

6846. **Ollis DF, Datta R:** Activity correlations between similarly modified soluble and immobilized enzymes. Methods Enzymol 44:444–50, 1976
ACRYLIC RESINS/ ANIMAL/ *CHYMOTRYPSIN, metabolism/ COMPARATIVE STUDY/ *ENZYMES, IMMOBILIZED, metabolism/ KINETICS/ *LIPASE, metabolism/ MICROCOCCUS, enzymology/ *MURAMIDASE, metabolism/ PROTEIN BINDING/ SOLUBILITY

6847. **Olmos L, Laugier P:** Ultrastructure de la maladie de Degos (apport d'un nouveau cas et revue de la littérature). Ann Dermatol Venereol 104(4):280–93, Apr 77 (Eng. Abstr.) (Fre)
ADULT/ AGE FACTORS/ BLOOD VESSELS, pathology/ CASE REPORT/ CELL MEMBRANE, ultrastructure/ CYTOPLASM, ultrastructure/ ENDOTHELIUM, pathology/ ENGLISH ABSTRACT/ HUMAN/ LYMPHOCYTES, ultrastructure/ NEURONS, ultrastructure/ ORGANOIDS, ultrastructure/ SEX FACTORS/ *SKIN DISEASES, pathology/ SKIN, blood supply/ SKIN, innervation/ *THROMBOSIS, pathology

6848. **Olsen BR, Guzman NA, Engel J, et al:** Purification and characterization of a peptide from the carboxy-terminal region of chick tendon procollagen type I. Biochemistry 16(13):3030–6, 28 Jun 77
ACETYLGLUCOSAMINE, analysis/ AMINO ACIDS, analysis/ ANIMAL/ CHEMISTRY/ CHICK EMBRYO/ DISULFIDES/ MACROMOLECULAR SYSTEMS/ MANNOSE, analysis/ OLIGOSACCHARIDES, analysis/ PEPTIDE FRAGMENTS, isolation & purification/ *PROCOLLAGEN, analysis/ *TENDONS, analysis/ TISSUE CULTURE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6849. **Olsen WA:** Resorption und Malabsorption von Vitaminen. Leber Magen Darm 7(3):169–73, Jun 77 (Eng. Abstr.) (Ger)
AVITAMINOSIS, etiology/ ENGLISH ABSTRACT/ FOLIC ACID, metabolism/ HUMAN/ INTESTINAL ABSORPTION/ INTESTINAL DISEASES, complications/ *MALABSORPTION SYNDROMES, metabolism/ VITAMIN A, metabolism/ VITAMIN B 12, metabolism/ VITAMIN D, metabolism/ VITAMIN K, metabolism/ *VITAMINS, metabolism

6850. **Olson JD, Brockway WJ, Fass DN, et al:** Purification of porcine and human ristocetin–Willebrand factor. J Lab Clin Med 89(6):1278–94, Jun 77
AMINO ACIDS, analysis/ ANIMAL/ *BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD COAGULATION TESTS/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ HUMAN/ LIPIDS, analysis/ METHODS/ PLATELET AGGREGATION, drug effects/ PROTEINS, analysis/ *RISTOCETIN, isolation & purification/ RISTOCETIN, pharmacodynamics/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND FACTOR, isolation & purification/ VON WILLEBRAND'S DISEASE, blood

6851. **Olson LC:** Methods of cell fusion with Germiston virus. Methods Cell Biol 14:11–22, 1976
*ARBOVIRUSES/ ARBOVIRUSES, drug effects/ *CELL FUSION/ CELL LINE/ CHLOROFORM, pharmacodynamics/ PROTAMINES, pharmacodynamics

6852. **Olson PR, Cox C, McCullough J:** Laboratory and clinical effects of the infusion of ACD solution during plateletpheresis. Vox Sang 33(2):79–87, Aug 77
ADULT/ *BLOOD PLATELETS/ BLOOD TRANSFUSION/ CALCIUM, blood/ *CITRATES, adverse effects/ *GLUCOSE, adverse effects/ HUMAN/ *HYPOCALCEMIA, chemically induced/ IONS/ *PLASMAPHERESIS, methods

6853. **Olson VL, Hansing RL, McClary DO:** The role of metabolic energy in the lethal action of basic proteins on Candida albicans. Can J Microbiol 23(2):166–74, Feb 77
AZIDES, pharmacodynamics/ *CANDIDA ALBICANS, drug effects/ CANDIDA ALBICANS, metabolism/ CANDIDA ALBICANS, ultrastructure/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, ultrastructure/ COMPARATIVE STUDY/ CYTOCHROME C, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ HUMAN/ MURAMIDASE, pharmacodynamics/ MUTATION/ OXIDATIVE PHOSPHORYLATION, drug effects/ OXYGEN CONSUMPTION, drug effects/ PROTAMINES, pharmacodynamics/ *PROTEINS, pharmacodynamics/ SALICYLANILIDES, pharmacodynamics/ SERUM ALBUMIN,

pharmacodynamics/ SERUM ALBUMIN, BOVINE, pharmacodynamics

6854. **Olsson LB, Kutti J, Lundborg P, et al:** The peripheral platelet count in response to intravenous infusion of isoprenaline. Scand J Haematol 17(3):213–6, SEP 76
ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ DEPRESSION, CHEMICAL/ HEART RATE, drug effects/ HUMAN/ INJECTIONS, INTRAVENOUS/ ISOPROTERENOL, administration & dosage/ *ISOPROTERENOL, pharmacodynamics/ MALE

6855. **Olsson P, Blombäck M, Egberg N, et al:** Experience of extensive vascular surgery on defibrase-defibrinogenated patients. Thromb Res 9(3):277–87, Sep 76
ADOLESCENCE/ ADULT/ BLOOD PLATELETS/ FEMALE/ FEMORAL VEIN/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRINOGEN/ HEMOSTASIS, drug effects/ HUMAN/ ILIAC VEIN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ REPTILASE, administration & dosage/ REPTILASE, pharmacodynamics/ *REPTILASE, therapeutic use/ THROMBOSIS, etiology/ *THROMBOSIS, prevention & control/ TIME FACTORS/ *VASCULAR SURGERY, adverse effects

6856. **Olsson P, Schalin L, Lagergren H, et al:** Polyphloretine phosphate as an inhibitor of platelet adhesion. Comparison with acetylsalicylic acid and dipyridamole. Thromb Res 10(3):349–64, Mar 77
ANIMAL/ *ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD PLATELETS/ COMPARATIVE STUDY/ *DIPYRIDAMOLE, pharmacodynamics/ DOGS/ *PHLORETIN, analogs & derivatives/ *PLATELET ADHESIVENESS, drug effects/ *POLYPHLORETIN PHOSPHATE, pharmacodynamics/ REPTILASE, administration & dosage

6857. **Olsson P, Lagergren H, Larsson R, et al:** Prevention of platelet adhesion and aggregation by a glutardialdehyde-stabilized heparin surface. Thromb Haemostas 37(2):274–82, 30 Apr 77
ALDEHYDES/ *HEPARIN, pharmacodynamics/ HUMAN/ *PLATELET ADHESIVENESS/ *PLATELET AGGREGATION/ SURFACE PROPERTIES/ TIME FACTORS

6858. **Olszańska-Skorek T:** Stężenie fibrynogenu i jego stosunek do innych frakcji białkowych w przewlekłych chorobach wątroby Pol Arch Med Wewn 56(3):233–41, Sep 76 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ AGED/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ HUMAN/ *LIVER DISEASES, blood/ MIDDLE AGE/ *SERUM ALBUMIN, analysis/ *SERUM GLOBULINS, analysis

6859. **Olteanu M, Pop M:** Tratamente şi incompatibilităţi medicamentoase in obstrucţia de origine tromboembolică a vaselor retiniene Rev Chir [Oftalmol] 21(1):53–5, Jan–Mar 77 (Eng. Abstr.) **(Rum)**
ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ RETINAL DISEASES, drug therapy/ *RETINAL VESSELS/ *THROMBOEMBOLISM, drug therapy/ VASODILATOR AGENTS, therapeutic use

6860. **Olteanu-Nerbe V:** Gefässmissbildungen des Rückenmarks. Diagnostik und Therapie Fortschr Med 94(11):601–8, 15 Apr 76 (Eng. Abstr.) **(Ger)**
ANGIOGRAPHY/ *ARTERIOVENOUS MALFORMATIONS, diagnosis/ ARTERIOVENOUS MALFORMATIONS, therapy/ ENGLISH ABSTRACT/ HEMANGIOMA, diagnosis/ HEMANGIOMA, therapy/ HUMAN/ SPINAL CORD NEOPLASMS, diagnosis/ SPINAL CORD NEOPLASMS, therapy/ *SPINAL CORD, blood supply

6861. **O'Mara C, Imbembo AL:** Paraprosthetic-enteric fistula. Surgery 81(5):556–66, May 77
AGED/ AORTA/ AORTIC ANEURYSM, surgery/ *BLOOD VESSEL PROSTHESIS, standards/ CASE REPORT/ DUODENAL DISEASES/ DUODENUM, surgery/ FISTULA/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE/ SEPTICEMIA, etiology/ THROMBOSIS, surgery

6862. **Omenn GS, Bird TD, Johnsen SD:** Serotonin in essential myoclonus. N Engl J Med 297(8):454, 25 Aug 77
ADOLESCENCE/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CASE REPORT/ HUMAN/ IMIPRAMINE, pharmacodynamics/ MALE/ MIDDLE AGE/ MYOCLONUS, drug therapy/ MYOCLONUS, familial & genetic/ *MYOCLONUS, metabolism/ SEROTONIN, blood/ *SEROTONIN, metabolism

6863. **O'Neal SG, Fisher RR:** Studies on sulfhydryl group modification of mitochondrial pyridine dinucleotide transhydrogenase. J Biol Chem 252(13):4552–6, 10 Jul 77
ANIMAL/ CATTLE/ DITHIONITROBENZOIC ACID, pharmacodynamics/ HEAT/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ MAGNESIUM, pharmacodynamics/ MEMBRANE POTENTIALS, drug effects/ MITOCHONDRIA, MUSCLE, drug effects/ *MITOCHONDRIA, MUSCLE, enzymology/ MYOCARDIUM, enzymology/ MYOCARDIUM, ultrastructure/ NAD, pharmacodynamics/ NADH, NADPH OXIDOREDUCTASES, antagonists & inhibitors/ *NADH, NADPH OXIDOREDUCTASES, metabolism/ NADP, pharmacodynamics/ *SULFHYDRYL COMPOUNDS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6864. **O'Neill JV, Toomey JM, Snyder GG 3rd:** Retropharyngeal hematoma secondary to minor blunt trauma in the elderly patient. J Otolaryngol 6(1):43–6, Feb 77
ACCIDENTS, HOME/ AGE FACTORS/ AGED/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMATOMA, etiology/ HEMATOMA, radiography/ HUMAN/ *NECK, injuries/ *PHARYNGEAL DISEASES, etiology/ PHARYNGEAL DISEASES, radiography/ RESPIRATORY DISTRESS SYNDROME, ADULT, etiology/ TRACHEOTOMY/ *WOUNDS, NONPENETRATING, complications

6865. **Ong EB, Johnson AJ:** Protamine, a substrate for thrombolytic agents and enzymes of similar specificity. Anal Biochem 75(2):568–82, Oct 76
AUTOANALYSIS/ COLORIMETRY/ COMPARATIVE STUDY/ *FIBRINOLYSIN, metabolism/ FLUORESCAMINE/ HUMAN/ METHODS/ MICROCHEMISTRY/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PLASMINOGEN, metabolism/ *PROTAMINES/ SPECTROMETRY, FLUORESCENCE, methods/ *THROMBIN, metabolism/ *TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *UROKINASE, metabolism

6866. **Ono J, Hutson DG, Dombro RS, et al:** Insulinase in liver cirrhosis. Surg Forum 27(62):368–9, 1976
HUMAN/ *INSULINASE, blood/ *LIVER CIRRHOSIS, enzymology/ *PEPTIDE HYDROLASES, blood

6867. **Ono K, Tago M, Hamaguchi K, et al:** Experimental studies on the long term fate of the vein and artery grafts and its choice in aortocoronary bypass surgery. Jpn Circ J 40(11):1271–84, Nov 76
ANIMAL/ AORTA, pathology/ AORTA, transplantation/ *AORTOCORONARY BYPASS, methods/ BLOOD VESSEL PROSTHESIS/ CORONARY CIRCULATION/ CORONARY VESSELS, pathology/ DOGS/ FEMORAL ARTERY, transplantation/ FORELIMB, blood supply/ *GRAFT SURVIVAL/ JUGULAR VEIN, transplantation/ LEG, blood supply/ THORACIC ARTERIES, surgery/ THROMBOEMBOLISM, pathology/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS/ VEINS, transplantation

6868. **Onoyama K, Oniki H, Eto T, et al:** Blood fibrinolytic activity and fibrinoid necrosis of small arteries in the rats treated with renal cortical extract. Jpn Heart J 17(5):649–55, Sep

76
ANIMAL/ *ARTERIAL OCCLUSIVE DISEASES, chemically induced/ FEMALE/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ KIDNEY CORTEX/ LYSOSOMES, metabolism/ MICROSOMES, metabolism/ NECROSIS/ PLASMINOGEN ACTIVATORS, metabolism/ RATS/ RENIN, metabolism/ *TISSUE EXTRACTS, adverse effects/ VASCULAR DISEASES, chemically induced

6869. **Ooi YM, Ooi BS, Vallota EH, et al:** Circulating immune complexes after renal transplantation. Correlation of increased 125I-Clq binding activity with acute rejection characterized by fibrin deposition in the kidney.
J Clin Invest 60(3):611-9, Sep 77
*ANTIGEN-ANTIBODY COMPLEX/ C-REACTIVE PROTEIN, metabolism/ FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ *GRAFT REJECTION/ HUMAN/ KIDNEY, analysis/ KIDNEY, pathology/ *KIDNEY, transplantation/ MICROSCOPY, FLUORESCENCE/ PROTEIN BINDING/ RADIOLIGAND ASSAY/ TRANSPLANTATION, ALLOGENEIC/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6870. **Opanashchenko GA, Kulemza RV, Belousova AA:** Gemangioéndotelioma gortani Zh Vyssh Nerv Deiat 26(4):112-3, Jun-Aug 76 **(Rus)**
CASE REPORT/ FEMALE/ *HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ *LARYNGEAL NEOPLASMS, pathology/ MIDDLE AGE

6871. **Opanashchenko GA:** Fermenty v kompleksnom lechenii operatsionnykh ran i ikh oslozhnenii u bol'nykh zlokachestvennymi opukholiami LORorganov
Zh Ushn Nos Gorl Bolezn (1):53-7, 1977 (Eng. Abstr.) **(Rus)**
ANTIBIOTICS, therapeutic use/ *CHYMOTRYPSIN, therapeutic use/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ HUMAN/ *LARYNGEAL NEOPLASMS, surgery/ POSTOPERATIVE CARE/ PROCAINE, therapeutic use/ *SURGICAL WOUND INFECTION, drug therapy/ SURGICAL WOUND INFECTION, prevention & control/ *TRYPSIN, therapeutic use/ *WOUND HEALING

6872. **Opdyke DL:** Monographs on fragrance raw materials.
Food Cosmet Toxicol 14(6):601-33, Dec 76
ACETIC ACIDS, toxicity/ ALCOHOLS, toxicity/ ALDEHYDES, toxicity/ ANIMAL/ ANISOLES, toxicity/ BENZYL COMPOUNDS, toxicity/ COUMARINS, toxicity/ *FLAVORING AGENTS, toxicity/ MICE/ NUTMEG, toxicity/ OILS, toxicity/ *PERFUME, toxicity/ PHENYLPROPIONATES, toxicity/ PYRANS, toxicity/ RABBITS/ RATS/ TERPENES, toxicity

6873. **Orakzai SA, Machovich R:** Inactivation of alpha- and beta-thrombin by heat defibrinated human plasma. Effect of heparin. Thromb Res 10(6):813-22, Jun 77
ANIMAL/ BLOOD/ CATTLE/ HEAT/ *HEPARIN, pharmacodynamics/ HUMAN/ *THROMBIN, physiology

6874. **Orams HJ:** Clinical pathology. A diagnostic aid to the dental practitioner. Aust Dent J 22(1):37-45, Feb 77
ADULT/ ANEMIA, diagnosis/ BIOPSY/ BLOOD COAGULATION DISORDERS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ CYTODIAGNOSIS/ *DENTISTRY/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ METABOLIC DISEASES, diagnosis/ MICROBIAL SENSITIVITY TESTS/ *MOUTH DISEASES, diagnosis/ MOUTH DISEASES, pathology/ MOUTH MUCOSA, pathology/ MOUTH NEOPLASMS, pathology

6875. **Oranskiĭ IE, Rudakov AA, Mironova IB:** Sravnitel'noe izuchenie deĭstviia khloridnykh natrievykh ĭodobromnykh vann, skorrigirovannykh po komonentnomu sostavu, na nekotorye pokazateli gemodina= =miki i gemostaza u bol'nykh ishemicheskoĭ bolezn'iu serdtsa.
Vopr Kurortol Fizioter Lech Fiz Kult (4):20-3, Jul-Aug 77 **(Rus)**
*BATHS/ BROMINE/ COMPARATIVE STUDY/ CORONARY DISEASE, physiopathology/ *CORONARY DISEASE, therapy/ HEMODYNAMICS/ HEMOSTASIS/ HUMAN/ IODINE/ MIDDLE AGE/ SODIUM CHLORIDE

6876. **Orenstein DM, Yonas H, Bilenker R, et al:** Hemangioma thrombocytopenia syndrome. A case masquerading as an encephalocele. Am J Dis Child 131(6):680-1, Jun 77
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *ENCEPHALOCELE, diagnosis/ ENCEPHALOCELE, radiography/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, radiography/ HUMAN/ INFANT, NEWBORN/ MALE/ *PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, radiography/ *SKIN NEOPLASMS, diagnosis/ SKIN NEOPLASMS, radiography/ SYNDROME

6877. **Orenstein NS, Hammond ME, Dvorak HF, et al:** Esterase and protease activity of purified guinea pig basophil granules. Biochem Biophys Res Commun 72(1):230-5, 7 Sep 76
ANIMAL/ *BASOPHILS, enzymology/ BUFFERS/ *CYTOPLASMIC GRANULES, enzymology/ DIURON, pharmacodynamics/ *ESTERASES, blood/ GUINEA PIGS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *PEPTIDE HYDROLASES, blood/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ TOSYL COMPOUNDS, pharmacodynamics

6878. **Oreopoulos DG, Izatt S, Zellerman G, et al:** A prospective study of the effectiveness of three permanent peritoneal catheters. Rev Interam Radiol 6:96-100, 19-22 Nov 76
ADULT/ AGED/ CATHETERIZATION, adverse effects/ *CATHETERIZATION, instrumentation/ COMPARATIVE STUDY/ FEMALE/ FIBRIN/ HUMAN/ MALE/ MIDDLE AGE/ *PERITONEAL DIALYSIS, instrumentation/ PERITONITIS, etiology/ PROSPECTIVE STUDIES

6879. **Orfila C, Mignon-Conte M, De Boissezon JF, et al:** Study of the correlation between glomerular and urinary sediment deposits using immunofluorescent technique.
Biomedicine [Express] 27(2):89-92, Mar 77
COMPLEMENT 3, urine/ FIBRIN, urine/ FIBRINOGEN, urine/ FLUORESCENT ANTIBODY TECHNIC/ GLOMERULONEPHRITIS, pathology/ *GLOMERULONEPHRITIS, urine/ HUMAN/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, urine/ *KIDNEY GLOMERULUS, pathology/ PROTEINURIA, pathology/ PROTEINURIA, urine

6880. **Orikawa T:** [Effects of various crude drugs on blood coagulation] Acta Med (Fukuoka) 46(4):173-88, Oct 76 (Eng. Abstr.) **(Jpn)**
ANIMAL/ *BLOOD COAGULATION, drug effects/ CHINA/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MEDICINE, ORIENTAL/ MICE/ *PLANTS, MEDICINAL

6881. **Orjasaeter H:** Study of substances related to carcinoembryonic antigens, CEA-NCA and association with alpha1-antichymotrypsin.
Acta Pathol Microbiol Scand [C] 84(3):235-44, Jun 76
ADENOCARCINOMA, analysis/ *ADENOCARCINOMA, immunology/ ANTIGENIC DETERMINANTS/ *CARCINOEMBRYONIC ANTIGEN, analysis/ CHROMATOGRAPHY, GEL/ *CHYMOTRYPSIN, antagonists & inhibitors/ *COLONIC NEOPLASMS, immunology/ CROSS REACTIONS/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *NEOPLASM PROTEINS, analysis/ PERCHLORIC ACIDS, pharmacodynamics

6882. **Orlando J, Cassidy J, Aronow WS:** High reversion of atrial flutter to sinus rhythm after atrial pacing in patients with pulmonary disease. Chest 71(5):580-2, May 77
AGED/ AORTIC VALVE INSUFFICIENCY, complications/ AURICULAR FLUTTER, etiology/ *AURICULAR FLUTTER, therapy/ CHRONIC DISEASE/ CORONARY DISEASE, complications/ EVALUATION STUDIES/ HEART ATRIUM/ HUMAN/ *LUNG DISEASES, complications/ MIDDLE AGE/ MITRAL VALVE STENOSIS, complications/

MYOCARDIAL DISEASES, PRIMARY, complications/ *PACEMAKER, ARTIFICIAL/ PULMONARY EMBOLISM, complications/ TIME FACTORS

6883. **Orloff KG, Michaeli D:** Inhibition of fibrin-platelet interactions by fibrinogen-degradation fragment D. Am J Physiol 233(2):H305-11, Aug 77
*BLOOD PLATELETS, physiology/ BLOOD PLATELETS, secretion/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ *FIBRIN, antagonists & inhibitors/ FIBRIN, physiology/ HUMAN/ *PLATELET AGGREGATION/ SEROTONIN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6884. **Orlov GA:** Diagnostika otmorozheniĭ i drugikh vidov porazheniia kholodom Klin Khir (1):34-41, Jan 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ ANIMAL/ *COLD, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ *FROSTBITE, diagnosis/ HUMAN/ HYPOTHERMIA, diagnosis/ INFRARED RAYS, diagnostic use/ LEG, blood supply/ MALE/ MICE/ MIDDLE AGE/ RATS/ THERMOGRAPHY, methods/ THROMBOSIS, diagnosis/ THROMBOSIS, etiology

6885. **Orlov VA, Iakunin GA, Grishina NB, et al:** Issledovanie sistemy gemostaza pri khronicheskom pankreatite Ter Arkh 49(2):80-5, 1977 **(Rus)**
ADULT/ AGED/ FEMALE/ *HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ *PANCREATITIS, blood

6886. **Orlova AA, Snegova GV, Shatskaia NN, et al:** O professional'noĭ bronkhial'noĭ astme i patokhimicheskikh metodakh ee otsenki Sov Med (4):91-5, Apr 76 (Eng. Abstr.) **(Rus)**
*ASTHMA, blood/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEPARIN, blood/ HISTAMINE, blood/ HUMAN/ NEURAMINIC ACIDS, blood/ *OCCUPATIONAL DISEASES, blood

6887. **Orlova AS, Baskova IP:** Aktivatsiia plazmennogo faktora XIII atsetilirovannym thrombinom Biokhimiia 42(2):297-9, Feb 77 (Eng. Abstr.) **(Rus)**
ACETYLATION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *FACTOR XIII, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ *THROMBIN, metabolism

6888. **Orme M, Breckenridge A:** Enantiomers of warfarin and phenobarbital. N Engl J Med 295(26):1482-3, 23 Dec 76
DRUG INTERACTIONS/ HUMAN/ ISOMERISM/ *PHENOBARBITAL, pharmacodynamics/ *WARFARIN, metabolism

6889. **Orme ML, Lewis PJ, de Swiet M, et al:** May mothers given warfarin breast-feed their infants? Br Med J 1(6076):1564-5, 18 Jun 77
ADULT/ *BREAST FEEDING/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *MILK, HUMAN, analysis/ PREGNANCY/ WARFARIN, analysis/ *WARFARIN, blood

6890. **Ormea F:** Terapia della psoriasi Minerva Med 67(55):3565-72, 14 Nov 76 (Eng. Abstr.) **(Ita)**
*COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ *METHOXSALEN, therapeutic use/ *PSORIASIS, therapy/ *SUNLIGHT/ *TRIOXSALEN, therapeutic use/ *ULTRAVIOLET THERAPY

6891. **Oronsky AL, Buermann CW:** Phagocytic release of human leukocyte neutral proteases. Analysis of cartilage degradation products. Arch Biochem Biophys 176(2):539-46, Oct 76
ANIMAL/ *CARTILAGE/ CHONDROITIN SULFATES, analysis/ CHYMOTRYPSIN/ COLLAGEN/ HEXOSAMINES, analysis/ HUMAN/ *LEUKOCYTES, enzymology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, blood/ *PHAGOCYTOSIS/ RABBITS/ URONIC ACIDS, analysis

6892. **Orosz L:** Effect of heparin on insulin secretion in vivo and in vitro. Res Exp Med (Berl) 167(3):239-54, 2 Jul 76
ANIMAL/ BLOOD SUGAR, analysis/ DOGS/ FATTY ACIDS, NONESTERIFIED, blood/ GLUCOSE TOLERANCE TEST/ *HEPARIN, pharmacodynamics/ IN VITRO/ *INSULIN, secretion/ ISLANDS OF LANGERHANS, secretion/ MALE/ RATS

6893. **Orr GA, Elmore DT:** Conformational changes resulting from the carbazoylation of bovine alpha-chymotrypsin by p-nitrophenyl N2-acetyl-N1-arylmethylcarbazates. Biochem Biophys Res Commun 74(2):755-61, 24 Jan 77
BINDING SITES/ *CARBAZOLES/ *CHYMOTRYPSIN/ HEAT/ *NITROPHENOLS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SODIUM DODECYL SULFATE/ SPECTROMETRY, FLUORESCENCE

6894. **Orr KB:** Thrombosis-perspective on a major side effect or oral contraceptives [letter]. Med J Aust 2(13):510, 25 Sep 76
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, prevention & control

6895. **Orstabik TB, Nustad K, Brandtzaeg P, et al:** Cellular origin of urinary kallikreins [letter]. J Histochem Cytochem 24(9):1037-9, Sep 76
ANIMAL/ FEMALE/ HISTOCYTOCHEMISTRY/ KALLIKREIN, metabolism/ *KALLIKREIN, urine/ *KIDNEY, enzymology/ KIDNEY, ultrastructure/ RATS

6896. **Orstavik KH:** Comparison of precipitating antisera against normal and abnormal factor IX. Thromb Res 10(5):731-41, May 77
ANIMAL/ CHRISTMAS DISEASE, blood/ *CHRISTMAS DISEASE, immunology/ COMPARATIVE STUDY/ *FACTOR IX, immunology/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ NEUTRALIZATION TESTS/ *PRECIPITINS/ RABBITS, immunology

6897. **Orstavik TB, Gautvik KM:** Regulation of salivary kallikrein secretion in submandibular gland. Acta Physiol Scand 100(1):33-44, May 77
ACETYLCHOLINE, pharmacodynamics/ ANIMAL/ ELECTRIC STIMULATION/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HISTOCYTOCHEMISTRY/ ISOPROTERENOL, pharmacodynamics/ KALLIKREIN, metabolism/ *KALLIKREIN, secretion/ MALE/ NOREPINEPHRINE, pharmacodynamics/ ORGAN WEIGHT/ *PARASYMPATHETIC NERVOUS SYSTEM, physiology/ PERFUSION/ PILOCARPINE, pharmacodynamics/ PROTEINS, metabolism/ RATS/ SALIVA, metabolism/ SALIVATION, drug effects/ SUBMANDIBULAR GLAND, metabolism/ *SUBMANDIBULAR GLAND, secretion/ *SYMPATHETIC NERVOUS SYSTEM, physiology

6898. **Ortanderl H, Belitz HD:** Trypsin-/Chymotrypsin-Inhibitoren in Samen der Puffbohne (Vicia faba) Z Lebensm Unters Forsch 163(1):31-4, 1977 (Eng. Abstr.) **(Ger)**
CHYMOTRYPSIN, antagonists & inhibitors/ ENGLISH ABSTRACT/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PLANTS, EDIBLE, analysis/ SERINE/ *TRYPSIN INHIBITORS, analysis

6899. **Ortega JJ, Saenz A, Javier G, et al:** Púrpura trombopénica idiopática en la edad infantil. Estudio sobre ciento setenta casos Sangre (Barc) 22(2):169-90, 1977 (Eng. Abstr.) **(Spa)**
AGE FACTORS/ AZATHIOPRINE, therapeutic use/ CASE REPORT/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALE/ PREDNISOLONE, therapeutic use/ *PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, occurrence/ SPAIN/ SPLENECTOMY

6900. **Orth DS:** Comparison of sulfite-polymyxin-sulfadiazine

medium and tryptose-sulfite-cycloserine medium without egg yolk for recovering Clostridium perfringens. Appl Environ Microbiol 33(4):986-8, Apr 77
*CLOSTRIDIUM PERFRINGENS, isolation & purification/ COMPARATIVE STUDY/ *CULTURE MEDIA/ CYCLOSERINE/ EVALUATION STUDIES/ POLYMYXIN/ SPORES, BACTERIAL, isolation & purification/ SULFADIAZINE/ SULFITES/ TRYPSIN

6901. **Ortonne JP, Claudy AL, Alario A, et al:** Decreased circulating E rosette forming cells in psoralen UVA treated patients. Arch Dermatol Res 258(3):305-6, 27 May 77
*COUMARINS, therapeutic use/ *FICUSIN, therapeutic use/ HUMAN/ *IMMUNE ADHERENCE REACTION/ *LYMPHOCYTES, immunology/ SKIN DISEASES, drug therapy/ SKIN DISEASES, immunology/ SKIN DISEASES, therapy/ SKIN, radiation effects/ *ULTRAVIOLET THERAPY

6902. **Orzan F, Garcia E, Pechacek LW, et al:** Ultrasonic evaluation of thrombosis of Björk-Shiley aortic valve prosthesis. J Thorac Cardiovasc Surg 74(1):11-3, Jul 77
ADULT/ *AORTIC VALVE/ CASE REPORT/ *ECHOCARDIOGRAPHY/ HEART SOUNDS/ *HEART VALVE PROSTHESIS/ HUMAN/ MALE/ *THROMBOSIS, diagnosis/ THROMBOSIS, etiology

6903. **Osaka K:** Prolonged vasospasm produced by the breakdown products of erythrocytes. J Neurosurg 47(3):403-11, Sep 77
ANIMAL/ BASILAR ARTERY/ BLOOD PLATELETS, analysis/ CATS/ *CEREBRAL ISCHEMIA, TRANSIENT, etiology/ *ERYTHROCYTES, analysis/ HEMOLYSIS/ *VASOCONSTRICTOR AGENTS, blood

6904. **Oshima G, Nagasawa K, Kato J:** Renal angiotensin I-converting enzyme as a mixture of sialo- and asialo-enzyme, and a rapid purification method. J Biochem (Tokyo) 80(3):477-83, Sep 76
CHLORIDES, pharmacodynamics/ CHYMOTRYPSIN, pharmacodynamics/ HALOGENS, pharmacodynamics/ HEAT/ HYDROGEN-ION CONCENTRATION/ KIDNEY, enzymology/ KININASE II, isolation & purification/ *KININASE II, metabolism/ NEURAMINIDASE, metabolism/ *SIALIC ACIDS/ SWINE/ TRYPSIN, pharmacodynamics

6905. **Oshiumi Y, Ichiya Y, Shiokawa H, et al:** [Treatment of skin hemangioma with 90 Sr beta-ray] Jpn J Clin Radiol 21(9):785-90, Aug 76
*ANGIOKERATOMA, radiotherapy/ CASE REPORT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, radiotherapy/ HUMAN/ INFANT/ MALE/ *SKIN NEOPLASMS, radiotherapy/ *STRONTIUM RADIOISOTOPES, therapeutic use

6906. **(Osler W), McKusick VA:** Osler as a medical geneticist. Johns Hopkins Med J 139(4):163-74, Oct 76
ADOLESCENCE/ ALKAPTONURIA, familial & genetic/ ALKAPTONURIA, history/ AMYOTROPHIC LATERAL SCLEROSIS, familial & genetic/ AMYOTROPHIC LATERAL SCLEROSIS, history/ ANGIONEUROTIC EDEMA, familial & genetic/ ANGIONEUROTIC EDEMA, history/ CHILD/ CORONARY DISEASE, familial & genetic/ CORONARY DISEASE, history/ ECCENTROOSTEOCHONDRODYSPLASIA, familial & genetic/ ECCENTROOSTEOCHONDRODYSPLASIA, history/ FEMALE/ *GENETICS, history/ GENETICS, HUMAN/ HEMOPHILIA, familial & genetic/ HEMOPHILIA, history/ HEREDITARY DISEASES, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HUMAN/ MALE/ MASSACHUSETTS/ QUEBEC/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, familial & genetic/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, history

6907. **Osswald P, Niessen KH:** Exokrine Pankreasinsuffizienz bei Morbus Wilson Klin Wochenschr 54(17):839-43, 1 Sep 76 (Eng. Abstr.) **(Ger)**
ADULT/ CERULOPLASMIN, analysis/ CHILD/ CHYMOTRYPSIN, secretion/ COPPER, metabolism/ COPPER, urine/ ENGLISH ABSTRACT/ HEPATOLENTICULAR DEGENERATION, complications/ HEPATOLENTICULAR DEGENERATION, drug therapy/ *HEPATOLENTICULAR DEGENERATION, physiopathology/ HUMAN/ LYSOSOMES, metabolism/ MALE/ *PANCREAS, physiopathology/ PANCREAS, secretion/ PANCREATIC DISEASES, etiology/ PENICILLAMINE, therapeutic use/ TRYPSIN, secretion

6908. **Ostapowicz G, Popovic I:** Primäre Doppelbolzung der medialen Schenkelhalsfraktur Zentralbl Chir 101(19):1178-83, 1976 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ BONE NAILS/ CEREBROVASCULAR DISORDERS, etiology/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *FEMORAL NECK FRACTURES, surgery/ FRACTURE FIXATION, INTERNAL, adverse effects/ *FRACTURE FIXATION, INTERNAL, methods/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ PEPTIC ULCER HEMORRHAGE, etiology/ PNEUMONIA, etiology/ PULMONARY EMBOLISM, etiology/ UREMIA, etiology

6909. **Osterlund B, Bridger WA:** Effect of a peptide stabilizing factor on liver ATP citrate lyase. Biochem Biophys Res Commun 76(1):1-8, 9 May 77
ANIMAL/ *ATP CITRATE LYASE, metabolism/ HEAT/ *LIVER, enzymology/ *PEPTIDES, pharmacodynamics/ PROTEIN DENATURATION/ RATS/ TRYPSIN

6910. **Osterud B, Miller-Andersson M, Abildgaard U, et al:** The effect of antithrombin III on the activity of the coagulation factors VII, IX and X. Thromb Haemostas 35(2):295-304, 30 Apr 76
ALPHA MACROGLOBULINS, physiology/ *ANTITHROMBINS, physiology/ ENZYME ACTIVATION/ *FACTOR IX, antagonists & inhibitors/ *FACTOR VII, antagonists & inhibitors/ *FACTOR X, antagonists & inhibitors/ HUMAN

6911. **Osterud B, Rapaport SI, Lavine KK:** Factor V activity of platelets: evidence for an activated factor V molecule and for a platelet activator. Blood 49(5):819-34, May 77
ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ *BLOOD PLATELETS, metabolism/ CHROMATOGRAPHY, GEL/ FACTOR V, immunology/ *FACTOR V, metabolism/ FACTOR VIII, metabolism/ FREEZING/ HUMAN/ PROTHROMBIN TIME/ SPECIMEN HANDLING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6912. **Ostlund RE, Leung JT, Kipnis DM:** Muscle actin filaments bind pituitary secretory granules in vitro. J Cell Biol 73(1):78-87, Apr 77
*ACTIN, metabolism/ ACTIN, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ *CYTOPLASM, metabolism/ *CYTOPLASMIC GRANULES, metabolism/ DITHIOTHREITOL, pharmacodynamics/ KINETICS/ LIPOSOMES, metabolism/ MEMBRANES, metabolism/ *MICROFILAMENTS, metabolism/ MITOCHONDRIA, metabolism/ *PITUITARY GLAND, ultrastructure/ *PITUITARY GLAND, ANTERIOR, ultrastructure/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6913. **Osuna O, Edds GT, Blankespoor HD:** Toxic effects of aflatoxin B1 in male Holstein calves with prior infection by flukes (Fasciola hepatica). Am J Vet Res 38(3):341-9, Mar 77
*AFLATOXINS, toxicity/ ALKALINE PHOSPHATASE, blood/ ANIMAL FEED/ ANIMAL/ BILIRUBIN, blood/ BLOOD PROTEINS, analysis/ BODY WEIGHT/ *CATTLE DISEASES/ CATTLE DISEASES, blood/ CATTLE DISEASES, pathology/ CATTLE/ FASCIOLIASIS, blood/ FASCIOLIASIS, pathology/ *FASCIOLIASIS, veterinary/ IDITOL DEHYDROGENASE, blood/ LIVER, pathology/ MALE/ PROTHROMBIN TIME/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS,

analysis

6914. **Otero Luna J, Aragón de la Cruz G:** Radioterapia de los angiomas óseos. Estudio crítico sobre su indicación
Rev Clin Esp 144(5):367–73, 15 Mar 77 (Eng. Abstr.) **(Spa)**
ADULT/ CHILD/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HEMANGIOMA, radiography/ *HEMANGIOMA, radiotherapy/ HUMAN/ MALE/ *MAXILLARY NEOPLASMS, radiotherapy/ MIDDLE AGE/ *RADIOTHERAPY, adverse effects/ SPINAL NEOPLASMS, radiography/ *SPINAL NEOPLASMS, radiotherapy

6915. **Otnaess AB, Prydz H:** The effect of phospholipase C on platelet factor 3 in human blood platelets.
Thromb Haemostas 37(1):29–35, 28 Feb 77
*BLOOD COAGULATION FACTORS/ *BLOOD PLATELETS, drug effects/ CHROMATOGRAPHY, GEL/ HUMAN/ *PHOSPHOLIPASE, pharmacodynamics/ *PLATELET FACTOR 3

6916. **Ott LA, Scandalios JG:** Genetically defined peptidases of maize. I. Biochemical characterization of allelic and nonallelic forms. Biochem Genet 14(7–8):619–34, Aug 76
*ALLELES/ AMINOPEPTIDASES, isolation & purification/ AMINOPEPTIDASES, metabolism/ CORN, enzymology/ DRUG STABILITY/ HEAT/ HYDROGEN-ION CONCENTRATION/ ISOENZYMES, isolation & purification/ ISOENZYMES, metabolism/ KINETICS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ *PLANTS, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6917. **Ottaviani F, Pagani E:** Aggregazione piastrinica indotta da ADP e da cefalina: esperienze comparative
Quad Sclavo Diagn 12(2):180–95, Jun 76 (Eng. Abstr.) **(Ita)**
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION DISORDERS, drug therapy/ DIABETIC ANGIOPATHIES, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *PHOSPHATIDYLETHANOLAMINES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects

6918. **Ottesen EA, Poindexter RW, Hiatt RA:** 'Long-distance' lymphocyte study. The effects of transporting blood in lymphocyte blastogenic responses. Clin Exp Immunol 29(1):168–72, Jul 77
ADULT/ *BLOOD PRESERVATION/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, immunology/ MALE/ MIDDLE AGE/ SPECIMEN HANDLING/ TEMPERATURE/ TIME FACTORS

6919. **Otto HH, Reuter W, Krastel V, et al:** Untersuchungen zur mechanischen Resistenz von Humanerythrozyten unter In-vitro-Bedingungen Z Exp Chir 9(5):316–24, Oct 76 (Eng. Abstr.) **(Ger)**
BLOOD PRESERVATION/ CARBON DIOXIDE, blood/ ENGLISH ABSTRACT/ *ERYTHROCYTES, physiology/ HEMATOCRIT/ HEMOGLOBINS/ HEMOLYSIS/ HUMAN/ IN VITRO/ OXYGEN, blood

6920. **Otto W, Treutler H, Römhild N, et al:** Frühdiagnostik der Spondylarthritis ankylopoetica Z Gesamte Inn Med 31(16):647–52, 15 Aug 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ HL-A, analysis/ HUMAN/ MALE/ MIDDLE AGE/ SERODIAGNOSIS/ SEX FACTORS/ *SPONDYLITIS, ANKYLOSING, diagnosis/ SPONDYLITIS, ANKYLOSING, radiography/ SYNOVIAL FLUID, cytology/ SYNOVIAL FLUID, metabolism/ TIME FACTORS

6921. **Ou CN, Song PS, Harter ML, et al:** Spectroscopic properties and interactions of dimethoxycoumarin with DNA. Photochem Photobiol 24(5):487–90, Nov 76
BINDING SITES/ *COUMARINS/ *DNA/ PHOTOCHEMISTRY/ SPECTRUM ANALYSIS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6922. **Ourbak P, Rocher T, Hanania G, et al:** Evolution à long terme des prothèses valvulaires mitrales
Arch Mal Coeur 69(2):147–53, Feb 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ ELECTROCARDIOGRAPHY/ EMBOLISM, etiology/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, mortality/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE/ PLASTICS, adverse effects/ THROMBOSIS, etiology/ TIME FACTORS/ TRICUSPID VALVE INSUFFICIENCY, complications

6923. **Ourbak P, Hoffmann J, Rocher R, et al:** Evolution immédiate et à long terme des prothèses valvulaires mitrales
Ann Cardiol Angeiol (Paris) 25 Suppl:451–6, Nov 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ EMBOLISM, etiology/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE, surgery/ *POSTOPERATIVE COMPLICATIONS, mortality/ PROGNOSIS/ THROMBOSIS, etiology

6924. **Ouyang C, Teng CM, Yang FY, et al:** Studies of the coagulant and anticoagulant principles of Formosan crotalid venoms [proceedings]. Toxicon 14(6):415–6, 76
*ANTICOAGULANTS/ CHEMISTRY/ *COAGULANTS/ SNAKE VENOMS, isolation & purification/ *SNAKE VENOMS, pharmacodynamics

6925. **Ouyang C, Teng CM, Chen YC:** Physicochemical properties of alpha- and beta-fibrinogenases of Trimeresurus mucrosquamatus venom. Biochim Biophys Acta 481(2):622–30, 12 Apr 77
AMINO ACIDS, analysis/ ANIMAL/ HYDROGEN-ION CONCENTRATION/ ISOENZYMES, isolation & purification/ ISOENZYMES, metabolism/ MOLECULAR WEIGHT/ *SNAKE VENOMS/ SNAKE VENOMS, metabolism/ *THROMBIN/ THROMBIN, isolation & purification/ THROMBIN, metabolism

6926. **Ouyang C, Huang TF:** The properties of the purified fibrinolytic principle from Agkistrodon acutus snake venom. Toxicon 15(2):161–7, 1977
AMINOCAPROIC ACIDS, pharmacodynamics/ ANIMAL/ CALCIUM, pharmacodynamics/ CASEIN, metabolism/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ CYSTEINE, pharmacodynamics/ EDTA, pharmacodynamics/ FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS, drug effects/ HEMORRHAGE, chemically induced/ HYDROLYSIS/ IN VITRO/ MAGNESIUM, pharmacodynamics/ SNAKE VENOMS, antagonists & inhibitors/ *SNAKE VENOMS, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN, metabolism/ UROKINASE, metabolism

6927. **Ovchinnikov YA, Lipkin VM, Modyanov NN, et al:** Primary structure of alpha-subunit of DNA-dependent RNA polymerase from Escherichia coli. FEBS Lett 76(1):108–11, 1 Apr 77
AMINO ACID SEQUENCE/ CYANOGEN BROMIDE/ DNA/ *ESCHERICHIA COLI, enzymology/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ PROTEIN CONFORMATION/ *RNA POLYMERASES/ RNA POLYMERASES, metabolism/ STAPHYLOCOCCUS, enzymology/ THERMOLYSIN/ TRYPSIN

6928. **Over J, Vlooswijk HA, Sixma JJ:** Assay of f. VIII-related antigen in a variant of von Willebrand's disease [letter]
Thromb Haemostas 37(2):367–70, 30 Apr 77
*ANTIGENS, analysis/ FACTOR VIII, immunology/ HUMAN/ METHODS/ *VON WILLEBRAND'S DISEASE, immunology

6929. **Overgaard J, Poulsen HS:** Effect of hyperthermia and environmental acidity on the proteolytic activity in murine ascites tumor cells. J Natl Cancer Inst 58(4):1159–61, Apr 77
ANIMAL/ *FEVER THERAPY/ *HYDROGEN-ION CONCENTRATION/ IN VITRO/ LYSOSOMES, enzymology/ MICE/ NEOPLASMS, EXPERIMENTAL, enzymology/ *NEOPLASMS, EXPERIMENTAL, therapy/ *PEPTIDE HYDROLASES, metabolism

6930. **Overholser KA, Baysinger CB, Harris TR, et al:** Chemorheological studies of the effect of heparin on the course of coagulation. Thromb Haemostas 35(2):447–59, 30 Apr 76
ANIMAL/ *BLOOD COAGULATION, drug effects/ BLOOD VISCOSITY, drug effects/ DOGS/ ELASTICITY/ HEPARIN, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ KINETICS/ MODELS, BIOLOGICAL/ *RHEOLOGY/ THROMBELASTOGRAPHY/ THROMBOPLASTIN

6931. **Overturf M, Druilhet R, Kirkendall WM:** In vitro effects of streptomyces protease inhibitors on human kidney renin activity. J Biochem (Tokyo) 81(5):1579–81, May 77
ANGIOTENSIN, biosynthesis/ *BACTERIAL PROTEINS, pharmacodynamics/ HUMAN/ *KIDNEY, enzymology/ KINETICS/ LEUPEPTINS, pharmacodynamics/ MOLECULAR WEIGHT/ PEPSTATINS, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *RENIN, antagonists & inhibitors/ STREPTOMYCES

6932. **Owen CA:** Usefulness of routine prothrombin–time measurements [letter]. Clin Chem 23(3):613, Mar 77
HUMAN/ MASS SCREENING/ METHODS/ *PROTHROMBIN TIME

6933. **Owen CA Jr:** Isolated rat liver needs calcium to make bile. Proc Soc Exp Biol Med 155(3):314–7, Jul 77
ALANINE, metabolism/ ANIMAL/ *BILE, metabolism/ *CALCIUM, pharmacodynamics/ CITRATES, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FACTOR VII, biosynthesis/ HEPARIN, pharmacodynamics/ *LIVER, drug effects/ LIVER, metabolism/ MALE/ RATS/ TEMPERATURE

6934. **Owen F, Bourne R, Crow TJ, et al:** Platelet monamine oxidase in schizophrenia. An investigation in drug–free chronic hospitalized patients. Arch Gen Psychiatry 33(11):1370–3, Nov 76
ADULT/ AGE FACTORS/ AGED/ *BLOOD PLATELETS, enzymology/ CHRONIC DISEASE/ CLINICAL RESEARCH/ COGNITION DISORDERS, complications/ COMPARATIVE STUDY/ DELUSIONS, complications/ HALLUCINATIONS, complications/ HUMAN/ IRON, blood/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ PLACEBOS/ SCHIZOPHRENIA, blood/ SCHIZOPHRENIA, complications/ *SCHIZOPHRENIA, enzymology/ TIME FACTORS/ TRANQUILIZING AGENTS, pharmacodynamics

6935. **Owen FL, Ju ST, Nisonoff A:** Binding to idiotypic determinants of large proportions of thymus–derived lymphocytes in idiotypically suppressed mice. Proc Natl Acad Sci USA 74(5):2084–8, May 77
P-AZOBENZENEARSONATE, immunology/ ANIMAL/ ANTI-ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS/ ANTILYMPHOCYTE SERUM/ BINDING SITES/ HAPTENS/ IMMUNE ADHERENCE REACTION/ IMMUNIZATION/ *IMMUNOGLOBULIN ALLOTYPES/ *IMMUNOSUPPRESSION/ MICE/ *MICE, INBRED A, immunology/ PASSIVE TRANSFER/ SPLEEN, immunology/ *T-LYMPHOCYTES, immunology/ TIME FACTORS/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6936. **Owen MC, Carrell RW, Brennan SO:** The abnormality of the S variant of human alpha-1-antitrypsin. Biochim Biophys Acta 453(1):257–61, 26 Nov 76
*ALPHA 1-ANTITRYPSIN/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ HUMAN/ PEPTIDE FRAGMENTS, analysis/ PHENOTYPE/ THERMOLYSIN/ TRYPSIN/ *VARIATION (GENETICS)

6937. **Oxford JS, Schild GC:** Immunological and physicochemical studies of influenza matrix (M) polypeptides. Virology 74(2):394–402, 15 Oct 76
ANIMAL/ ANTIGENIC DETERMINANTS/ *ANTIGENS, VIRAL/ DETERGENTS/ FERRETS/ HEAT/ IMMUNITY/ *ORTHOMYXOVIRUSES TYPE A, immunology/ PEPTIDE HYDROLASES/ PEPTIDES, immunology/ TRYPSIN/ *VIRAL PROTEINS, immunology

6938. **Oyer PE, Stinson EB, Griepp RB, et al:** Valve replacement with the Starr–Edwards and Hancock prostheses: comparative analysis of late morbidity and mortality. Ann Surg 186(3):301–9, Sep 77
AORTIC VALVE, surgery/ COMPARATIVE STUDY/ ENDOCARDITIS, etiology/ FEMALE/ HEART VALVE PROSTHESIS, adverse effects/ *HEART VALVE PROSTHESIS, instrumentation/ HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE, surgery/ SWINE/ THROMBOEMBOLISM, etiology/ TRANSPLANTATION, HETEROLOGOUS

6939. **Ozasa S:** [Studies on the regulatory factors of 3–hydroxy–3–methylglutaryl CoA reductase (HMG CoA reductase) activity] Hokkaido J Med Sci 51(4):313–25, Jul 76 (Eng. Abstr.) **(Jpn)**
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ *ALCOHOL OXIDOREDUCTASES, metabolism/ ANIMAL/ CYTOSOL, metabolism/ DIURNAL RHYTHM/ ENGLISH ABSTRACT/ GLUCAGON, pharmacodynamics/ HEAT/ HYDROXYMETHYLGLUTARYL COA REDUCTASES, antagonists & inhibitors/ *HYDROXYMETHYLGLUTARYL COA REDUCTASES, metabolism/ INSULIN, pharmacodynamics/ LIVER, enzymology/ MAGNESIUM, pharmacodynamics/ MICE/ TRYPSIN, pharmacodynamics

6940. **Ozeretskovskaia NN:** Osnovnye varianty oslozhenii khimioterapii parazitarnykh bolezneĭ Ter Arkh 48(9):113–8, 1976 **(Rus)**
ACUTE DISEASE/ *ANTHELMINTICS, adverse effects/ ANTHELMINTICS, therapeutic use/ BLOOD COAGULATION DISORDERS, chemically induced/ CHRONIC DISEASE/ DRUG HYPERSENSITIVITY, etiology/ *HELMINTHIASIS, drug therapy/ HEPATITIS, TOXIC, etiology/ HUMAN/ HYDROCARBONS, CHLORINATED, adverse effects/ HYDROCARBONS, CHLORINATED, therapeutic use/ OPISTHORCHIASIS, drug therapy/ *XYLENES, adverse effects

6941. **Ozols J, Gerard C, Nobrega FG:** Proteolytic cleavage of horse liver cytochrome b5. Primary structure of the heme–containing moiety. J Biol Chem 251(21):6767–74, 10 Nov 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ COMPARATIVE STUDY/ *CYTOCHROMES/ *HEME/ HORSES/ HUMAN/ *LIVER, enzymology/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6942. **Ozsoylu S, Hicsönmez G:** Platelet aggregation in congenital factor XIII deficiency. Acta Haematol (Basel) 56(5):314–7, 1976
ADENOSINE DIPHOSPHATE, pharmacodynamics/ CHILD/ CHILD, PRESCHOOL/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *FACTOR XIII DEFICIENCY, blood/ FACTOR XIII DEFICIENCY, congenital/ FEMALE/ HUMAN/ MALE/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ RISTOCETIN, pharmacodynamics

6943. **Ozsoylu S:** Recurrent arterial thrombosis [letter]. Am J Dis Child 131(3):366, Mar 77
*ARTERIAL OCCLUSIVE DISEASES, blood/ FACTOR VIII, analysis/ HUMAN/

THROMBOSIS, blood

6944. **Ozsoylu S, Bektaş S:** Intrauterine purpura fulminans. Turk J Pediatr 17(3–4):119–21, Jul–Aug 75
CASE REPORT/ HUMAN/ INFANT, NEWBORN/ MALE/ *PURPURA, congenital/ SYNDROME

P

6945. **Pabst R, Heyes H, Rasche H, et al:** Factor VIII coagulant activity and factor VIII-related antigen released from isolated perfused human spleens. Blut 34(1):27–30, Jan 77
ANTIGENIC DETERMINANTS/ ANTIGENS, analysis/ *FACTOR VIII, analysis/ HUMAN/ PERFUSION/ *SPLEEN/ SPLENECTOMY/ TIME FACTORS

6946. **Pacaud M, Sibilli S, Bras G:** Protease I from Escherichia coli. Some physicochemical properties and substrate specificity. Eur J Biochem 69(1):141–51, 1 Oct 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ DISULFIDES, analysis/ *ESCHERICHIA COLI, enzymology/ IMMUNOELECTROPHORESIS/ INSULIN/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ UREA

6947. **Pace-Asciak CR:** Oxidative biotransformations of arachidonic acid. Prostaglandins 13(5):811–7, May 77 (39 ref.)
ANIMAL/ *ARACHIDONIC ACIDS, metabolism/ BIOTRANSFORMATION/ BLOOD PLATELETS, metabolism/ HUMAN/ *HYDROXYLASES, physiology/ MOLECULAR CONFORMATION/ OXIDATION-REDUCTION/ *PROSTAGLANDIN SYNTHASE, physiology/ REVIEW

6948. **Pachter HL, Riles TS:** Heparin [letter] Circulation 56(2):327–8, Aug 77
*HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOEMBOLISM, prevention & control

6949. **Pačin J, Jurkovič I, Sedová A, et al:** Depozity subchorionálneho fibrínu Cesk Gynekol 41(8):568–8, Oct 76 **(Slo)**
*CHORION, blood supply/ FEMALE/ *FETAL MEMBRANES, blood supply/ *FIBRIN, metabolism/ HUMAN/ PLACENTA DISORDERS, blood/ PREGNANCY

6950. **Packham MA:** Report of the working party on platelets. Stages in the interaction of platelets with collagen. Thromb Haemostas 36(1):269–72, 31 Aug 76
ADENOSINE DIPHOSPHATE/ ADENOSINE TRIPHOSPHATE/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *COLLAGEN, pharmacodynamics/ *NOMENCLATURE/ ORGANOIDS/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ SEROTONIN

6951. **Pagano RE, Takeichi M:** Adhesion of phospholipid vesicles to Chinese hamster fibroblasts. Role of cell surface proteins. J Cell Biol 74(2):531–46, Aug 77
ADSORPTION/ CELL ADHESION/ CELL LINE/ CELLS, CULTURED/ EDTA, pharmacodynamics/ FIBROBLASTS, drug effects/ *FIBROBLASTS, metabolism/ FIBROBLASTS, ultrastructure/ HAMSTERS/ *MEMBRANE LIPIDS, metabolism/ *MEMBRANE PROTEINS, metabolism/ *MEMBRANES, ARTIFICIAL/ *PHOSPHOLIPIDS, metabolism/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6952. **Pagliano FM, Slucca P, Cestari G:** Un nuovo sistema di analisi per il tempo di tromboplastina parziale. Confronto con altri test emocoagulativi nelle epatopatie Arch Sci Med (Torino) 133(4):321–5, Oct–Dec 76 (Eng. Abstr.) **(Ita)**
ADULT/ AGED/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION TESTS, methods/ CHRONIC DISEASE/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LIVER DISEASES, blood/ MALE/ MIDDLE AGE/ *THROMBOPLASTIN, analysis

6953. **Pagliano FM, Cestari G, Slucca P:** Valutazione clinica nelle epatopatie di un nuovo test emocoagulativo per la determinazione dei fattori II, VII e X Arch Sci Med (Torino) 133(4):315–20, Oct–Dec 76 (Eng. Abstr.) **(Ita)**
ADULT/ AGED/ *BLOOD COAGULATION TESTS, methods/ ENGLISH ABSTRACT/ *FACTOR VII, analysis/ *FACTOR X, analysis/ FEMALE/ HUMAN/ *LIVER DISEASES, blood/ MALE/ MIDDLE AGE/ *PROTHROMBIN, analysis

6954. **Paige ML, Hemmati M:** Spinal cord compression by vertebral hemangioma. Pediatr Radiol 6(1):43–5, 25 Jul 77
CASE REPORT/ CHILD/ FEMALE/ HEMANGIOMA, complications/ *HEMANGIOMA, radiography/ HUMAN/ SPINAL CORD COMPRESSION, etiology/ *SPINAL CORD COMPRESSION, radiography/ SPINAL NEOPLASMS, complications/ *SPINAL NEOPLASMS, radiography

6955. **Pakhomov VI, Ivanov AE:** Prichiny tromboza magistral'nykh sosudov transplantata pri peresadke pochki Khirurgiia (Mosk) (4):103–7, 1977 (Eng. Abstr.) **(Rus)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ IMMUNITY, CELLULAR/ KIDNEY, blood supply/ KIDNEY, immunology/ *KIDNEY, transplantation/ MALE/ MICROCIRCULATION/ *POSTOPERATIVE COMPLICATIONS/ *THROMBOSIS, etiology/ TRANSPLANTATION, ALLOGENEIC

6956. **Palant A, Deutsch V, Kishon Y, et al:** Pulmonary hydatid embolization. Report on 2 operated cases and review of published reports. Br Heart J 38(10):1086–91, Oct 76
ADULT/ CASE REPORT/ *ECHINOCOCCOSIS, PULMONARY, complications/ ECHINOCOCCOSIS, PULMONARY, radiography/ ECHINOCOCCOSIS, PULMONARY, surgery/ ELECTROCARDIOGRAPHY/ FEMALE/ HUMAN/ MALE/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM, parasitology/ PULMONARY EMBOLISM, radiography/ PULMONARY EMBOLISM, surgery

6957. **Palascak JE, Martinez J:** Dysfibrinogenemia associated with liver disease. J Clin Invest 60(1):89–95, Jul 77
ALCOHOLISM, complications/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION TESTS/ FIBRIN, metabolism/ *FIBRINOGEN/ FIBRINOGEN, metabolism/ HEPATITIS, TOXIC, complications/ HUMAN/ LIVER CIRRHOSIS, POSTNECROTIC, complications/ *LIVER DISEASES, complications/ PROTHROMBIN TIME/ REPTILASE, metabolism/ THROMBIN, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6958. **Palau MS:** L'abdomen aigu du cirrhotique Med Chir Dig 5(7):335–6, 1976 (Eng. Abstr.) **(Fre)**
*ABDOMEN, ACUTE, etiology/ ASCITES, etiology/ CHOLELITHIASIS, complications/ ENGLISH ABSTRACT/ HUMAN/ *LIVER CIRRHOSIS, complications/ PANCREATITIS, complications/ PEPTIC ULCER PERFORATION, etiology/ PORTAL VEIN/ THROMBOPHLEBITIS, complications/ UMBILICAL HERNIA, complications

6959. **Paletta FX:** Reconstruction in rare tumors of the head and neck. Clin Plast Surg 3(3):429–40, Jul 76
ADULT/ ANGIOSARCOMA, surgery/ CARCINOMA, surgery/ CARCINOMA, EPIDERMOID, surgery/ CASE REPORT/ CHILD, PRESCHOOL/ CHONDROSARCOMA, surgery/ FEMALE/ FIBROSARCOMA, surgery/ *HEAD AND NECK NEOPLASMS, surgery/ HEMANGIOMA, surgery/

HEMANGIOPERICYTOMA, surgery/ HUMAN/ INFANT/ LIP NEOPLASMS, surgery/ MALE/ MANDIBULAR NEOPLASMS, surgery/ MEDIASTINUM, surgery/ MIDDLE AGE/ RHABDOMYOSARCOMA, surgery/ SALIVARY GLAND NEOPLASMS, surgery/ SARCOMA, RETICULUM CELL, surgery/ SCALP, surgery/ *SURGERY, PLASTIC, methods

6960. **Pall H, Kleinberger G, Kotzaurek R, et al:** Gerinnungsstörungen im Rahmen der Hämoperfusion. Acta Med Austriaca® [Suppl] (3):217, 1976 **(Ger)**
*BLOOD COAGULATION DISORDERS, etiology/ FIBRINOGEN, analysis/ *HEMODIALYSIS, adverse effects/ HUMAN/ THROMBOPENIA, etiology

6961. **Palladino MA, Lerman SP, Gilmour DG, et al:** Acute gamma-irradiation-induced mortality in chickens. I. Mechanism of resistance afforded by pretreatment with cyclophosphamide or sublethal irradiation. Proc Soc Exp Biol Med 155(2):209–15, Jun 77
ANIMAL/ B-LYMPHOCYTES, transplantation/ BURSA OF FABRICIUS, drug effects/ CHICKENS/ *CYCLOPHOSPHAMIDE, therapeutic use/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI/ *GAMMA RAYS/ NEOMYCIN, pharmacodynamics/ PERMEABILITY/ *RADIATION INJURIES, EXPERIMENTAL, drug therapy/ RADIATION-PROTECTIVE AGENTS/ *RADIATION, IONIZING/ T-LYMPHOCYTES, transplantation/ TESTOSTERONE, pharmacodynamics/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

6962. **Palm T:** Evaluation of peripheral arterial pressure on the thumb following radial artery cannulation. Br J Anaesth 49(8):819–24, Aug 77
ADULT/ AGED/ ARTERIES/ *BLOOD PRESSURE/ *CATHETERIZATION, adverse effects/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ REGIONAL BLOOD FLOW/ *THROMBOSIS, etiology/ *THUMB, blood supply/ WRIST, blood supply

6963. **Palma EC:** Diagnosis and treatment of iliac phlebothrombosis using Fogarty's catheter and an extraperitoneal approach. J Cardiovasc Surg (Torino) 17(6):527–34, Nov–Dec 76
*CATHETERIZATION/ FEMORAL VEIN, surgery/ HUMAN/ *ILIAC VEIN/ ILIAC VEIN, surgery/ METHODS/ PHLEBOGRAPHY/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ THROMBOPHLEBITIS, therapy

6964. **Palma JA:** Plasma fibrinogen response in the rat after thyroid stimulating hormone therapy. Experientia 32(11):1481–2, 15 Nov 76
ANIMAL/ FEMALE/ *FIBRINOGEN, metabolism/ PROPYLTHIOURACIL, pharmacodynamics/ RATS/ THYROID GLAND, physiology/ *THYROTROPIN, pharmacodynamics/ *THYROXINE, pharmacodynamics/ *TRIIODOTHYRONINE, pharmacodynamics

6965. **Palmas F, Andriulli A:** Ematoma sopramammario da rottura di varici del circolo collaterale superficiale, in cirrotico Minerva Gastroenterol 22(4):329–31, Oct–Dec 76 (Eng. Abstr.) **(Ita)**
AGED/ CASE REPORT/ *COLLATERAL CIRCULATION/ ENGLISH ABSTRACT/ *HEMATOMA, etiology/ HUMAN/ HYPERTENSION, PORTAL, physiopathology/ *LIVER CIRRHOSIS, complications/ MALE/ *MAMMARY ARTERIES/ RUPTURE/ *THORACIC ARTERIES/ *VARICOSE VEINS, complications

6966. **Palmberg S, Hirsjärvi E:** Deep vein thrombosis and pulmonary embolism in aged surgical patients. Geron (21):46–52, 1977
AGE FACTORS/ AGED/ HUMAN/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, mortality/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, mortality/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, mortality

6967. **Palmblad J, Blombäck M, Egberg N, et al:** Experimentally induced stress in man: effects on blood coagulation and fibrinolysis. J Psychosom Res 21(1):87–92, 1977
ADULT/ *BLOOD COAGULATION/ EPINEPHRINE, urine/ FACTOR IX, analysis/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ HYDROCORTISONE, blood/ NOREPINEPHRINE, urine/ SERUM ALBUMIN, analysis/ *STRESS, PSYCHOLOGICAL/ TIME FACTORS

6968. **Palmer RL, Hardin WJ:** Evaluation of hematologic abnormalities in the nonbleeding postoperative patient. Am J Surg 133(2):194–8, Feb 77
BLOOD PLATELET DISORDERS, diagnosis/ CYANOSIS, diagnosis/ ERYTHROCYTES, ABNORMAL/ *HEMATOLOGIC DISEASES, diagnosis/ HUMAN/ LEUKOCYTOSIS/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, diagnosis/ WOUND HEALING

6969. **Palmer RL:** Rationale and usefulness of heparinization: an overview. Tex Med 73(5):68–72, May 77
BLOOD COAGULATION TESTS, methods/ HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ THROMBOEMBOLISM, drug therapy

6970. **Palmer RL:** Intravascular coagulation and fibrinolysis. Postgrad Med 62(1):181–7, Jul 77
BLOOD COAGULATION TESTS/ BLOOD COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ *FIBRINOLYSIS/ HEPARIN, therapeutic use/ HUMAN

6971. **Pal'mova NP, Maksimova RA:** Morfogeneticheskoe deistvie trikhotetsina na Trichothecium roseum Mikrobiologiia 45(6):1023–7, Nov–Dec 76 (Eng. Abstr.) **(Rus)**
ANTIBIOTICS, ANTIFUNGAL, biosynthesis/ *ANTIBIOTICS, ANTIFUNGAL, pharmacodynamics/ ENGLISH ABSTRACT/ FIBRIN, metabolism/ *MONILIALES, growth & development/ MONILIALES, metabolism/ MORPHOGENESIS, drug effects/ OXIDOREDUCTASES, biosynthesis/ PEPTIDE PEPTIDOHYDROLASES, biosynthesis/ SPORES, FUNGAL, growth & development/ SPORES, FUNGAL, metabolism

6972. **Palubinskas VI, Vesa VS, Glemzha AA, et al:** Serinovye proteazy Bacillus subtilis Biokhimiia 41(12):2126–9, Dec 76 (Eng. Abstr.) **(Rus)**
*BACILLUS SUBTILIS, enzymology/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ THERMODYNAMICS

6973. **Palubinskas VI, Vesa VS, Glemzha AA, et al:** Metalloproteazy Bac. Subtilis Biokhimiia 41(10):1798–1802, Oct 76 (Eng. Abstr.) **(Rus)**
*BACILLUS SUBTILIS, enzymology/ DRUG STABILITY/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ METALLOPROTEINS, isolation & purification/ METALLOPROTEINS, metabolism/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ TEMPERATURE

6974. **Panas AT, Perissios A, Varelzidis A, et al:** Immunologie du psoriasis. Essai de l'immunofluorescence directe dans le psoriasis Ann Dermatol Syphiligr (Paris) 103(5–6):573–5, 1976 **(Fre)**
ADOLESCENCE/ ADULT/ COMPLEMENT 3, analysis/ FIBRIN, analysis/ FLUORESCENT

ANTIBODY TECHNIC/ HUMAN/ IMMUNOGLOBULINS, analysis/ MIDDLE AGE/ *PSORIASIS, immunology/ SKIN, immunology

6975. **Panchenko VM, Rapoport NIa:** Nefermentativnaia fibrinoliticheskaia aktivnost' krovi u bol'nykh s perelomami kostei Ortop Travmatol Protez (3):27–31, Mar 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ *FRACTURES, blood/ FRACTURES, complications/ HUMAN/ MIDDLE AGE/ THROMBOEMBOLISM, etiology

6976. **Panchenko VM, Andreenko GV, Podorol'skaia AV, et al:** Soderzhanie antitrombina III, fibrinogena, produktov ego degradatsii, rastvorimogo fibrina v krovi i komponentov fibrinoliticheskoĭ sistemy v moche u bol'nykh ishemicheskoĭ bolezn'iu serdtsa Klin Med (Mosk) 55(1):25–31, 1977 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *BLOOD COAGULATION FACTORS, analysis/ *CORONARY DISEASE, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

6977. **Panchenko VM, Kolesnikova NI, Afanas'eva VS:** Retsidiviruiushchaia tromboemboliia legochnoĭ arterii Ter Arkh 48(10):86–90, 1976 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ HUMAN/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ RECURRENCE

6978. **Panchenko VM, Gilunova NI, Kozhomkulova BZh, et al:** Osobennosti sistemy svertyvaniia krovi i fibrinoliza u bol'nykh glomerulonefritom na fone lecheniia geparinom. Klin Med (Mosk) 55(5):116–22, May 77 **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, drug therapy/ *FIBRINOLYSIS/ *GLOMERULONEPHRITIS, blood/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, physiopathology/ *HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE

6979. **Panchenko VM, Andreenko GV, Podorol'skaia LV, et al:** K kharakteristike sistemy gemostaza i fibrinoliza u bol'nykh khronicheskim glomerulonefritom. Ter Arkh 49(7):54–8, 1977 (Eng. Abstr.) **(Rus)**
ADULT/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ *GLOMERULONEPHRITIS, blood/ *HEMOSTASIS/ HUMAN

6980. **Panchenkov RT, Tonkonozhenko VI, Semenov VV, et al:** O primenenii aérozol'nogo plenkoobrazuiushchego preparata lifuzol' pri ostrykh krovotecheniiakh iz verkhnikh otdelov pishchevaritel'nogo trakta v éksperimente Eksp Khir Anesteziol (4):8–12, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
*ACRYLIC RESINS, administration & dosage/ ACUTE DISEASE/ AEROSOLS/ ANIMAL/ DOGS/ ENDOSCOPY/ ENGLISH ABSTRACT/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ *HEMOSTATICS/ *POLYMETHACRYLIC ACIDS, administration & dosage

6981. **Panchenoko VM, Popova LI:** Vliianie lechebnoĭ fizkul'tury na nefermentativnuiu fibrinoliticheskuiu aktivnost' krovi bol'nykh na kardiologicheskom kurorte Mikhaĭlovskoe. Vopr Kurortol Fizioter Lech Fiz Kult (4):28–32, Jul–Aug 77 **(Rus)**
CARDIOVASCULAR DISEASES, blood/ *CARDIOVASCULAR DISEASES, therapy/ *EXERCISE THERAPY, methods/ *FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ USSR

6982. **Pandey GN, Garver DL, Tamminga C, et al:** Postsynaptic supersensitivity in schizophrenia. Am J Psychiatry 134(5):518–22, Mar 77
ACUTE DISEASE/ ADENYL CYCLASE, blood/ ADOLESCENCE/ ADULT/ *APOMORPHINE, pharmacodynamics/ BLOOD PLATELETS, enzymology/ CHRONIC DISEASE/ COMPARATIVE STUDY/ DYSKINESIA, DRUG-INDUCED, blood/ FEMALE/ HUMAN/ MALE/ PROSTAGLANDINS E, pharmacodynamics/ *RECEPTORS, DOPAMINE, drug effects/ SCHIZOPHRENIA, blood/ *SCHIZOPHRENIA, metabolism/ SOMATOTROPIN, blood/ *SOMATOTROPIN, metabolism

6983. **Pandolfi M:** Factor VIII in aqueous outflow pathways [proceedings]. Acta Ophthalmol [Suppl] (Kbh) (125):34, 1975
*AQUEOUS HUMOR, physiology/ *FACTOR VIII/ HUMAN

6984. **Panettiere FJ, Talley RW, Torres J, et al:** Porfiromycin in the management of epidermoid and transitional cell cancer: a phase II study. Cancer Treat Rep 60(7):907–11, Jul 76
BLADDER NEOPLASMS, drug therapy/ *CARCINOMA, EPIDERMOID, drug therapy/ *CARCINOMA, TRANSITIONAL CELL, drug therapy/ CERVIX NEOPLASMS, drug therapy/ CLINICAL RESEARCH/ HEAD AND NECK NEOPLASMS, drug therapy/ HUMAN/ LEUKOPENIA, chemically induced/ LUNG NEOPLASMS, drug therapy/ PORFIROMYCIN, adverse effects/ *PORFIROMYCIN, therapeutic use/ THROMBOPENIA, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ URETERAL NEOPLASMS, drug therapy/ VULVAR NEOPLASMS, drug therapy

6985. **Panicucci F, Baicchi U, Sagripanti A:** Three years' experience in haemophilia home treatment. Scand J Haematol (30):81–4, 1977
EVALUATION STUDIES/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HOSPITALIZATION/ HUMAN/ ITALY

6986. **Panicucci F:** 6. Hemophilia home treatment in Italy. Scand J Haematol (31):25–8, 1977
*HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HOME NURSING/ HUMAN/ ITALY

6987. **Panje WR, Krause CJ, Bardach J:** Microsurgical techniques in free flap reconstruction. Laryngoscope 87(5 Pt 1):692–8, May 77
BLOOD COAGULATION, drug effects/ HUMAN/ INGUINAL CANAL, surgery/ MICROSURGERY, instrumentation/ *MICROSURGERY, methods/ *SKIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS

6988. **Pankov IuA, Bulatov AA, Osirova TA, et al:** Strukturaia kharakteristika bromtsianovykh fragmentov gipofizarnogo comatotropina kita vida seival (Balenoptera borealis) Biokhimiia 41(11):2047–55, Nov 76 (Eng. Abstr.) **(Rus)**
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *CETACEA, metabolism/ CHEMISTRY/ CYANOGEN BROMIDE/ ENGLISH ABSTRACT/ PEPTIDE FRAGMENTS/ *PITUITARY GLAND, analysis/ *SOMATOTROPIN/ SOMATOTROPIN, analysis/ SPECIES SPECIFICITY/ TRYPSIN/ *WHALES, metabolism

6989. **Pankov IuA, Elizarova GP, Nikolaeva OP:** Gidrofobnoe iadro v pervichnoĭ strukture prolaktina krupnogo rogatogo skota Vopr Med Khim 22(3):360–3, May–Jun 76 (Eng. Abstr.) **(Rus)**
ACETIC ACIDS, diagnostic use/ ALCOHOLS, BUTYL, diagnostic use/ AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ HYDROLYSIS/ MOLECULAR CONFORMATION/ *PEPTIDE FRAGMENTS, analysis/ *PROLACTIN, analysis/ TRYPSIN, diagnostic use/ WATER, diagnostic use

6990. **Pannall PR, Swanepoel E, Bennett JM, et al:** Increased concentrations of serum free fatty acids falsely increase serum thyroxine as determined by competitive protein-binding. Clin Chem 23(6):990–3, Jun 77
BINDING, COMPETITIVE/ BLOOD PROTEINS, metabolism/ FALSE POSITIVE REACTIONS/ FASTING/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HEMODIALYSIS/ HEPARIN, pharmacodynamics/ HUMAN/ IODINE, blood/ MALE/ METHODS/ PROTEIN BINDING/ *THYROXINE, blood/ TIME FACTORS/ TRIIODOTHYRONINE, blood

6991. **Pannarale MR, Leonardi E, Santillo C:** Prophylaxie du décollement de la rétine chez les sujets devant être ou ayant déjà été opérés de cataracte.

Mod Probl Ophthalmol 18:474–6, 1977 (Eng. Abstr.) **(Fre)**
*CATARACT EXTRACTION/ CATARACT EXTRACTION, adverse effects/ CHYMOTRYPSIN, therapeutic use/ ENGLISH ABSTRACT/ ENZYMATIC ZONULOLYSIS, adverse effects/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ RETINAL DEGENERATION, complications/ RETINAL DEGENERATION, surgery/ RETINAL DETACHMENT, etiology/ *RETINAL DETACHMENT, prevention & control/ UVEITIS, complications

6992. **Pan'shina GS, Spasskaia VA, Trusova NF, et al:** Proteoliticheskaia aktivnost' mokroty i bronkhial'nogo soderzhimogo u bol'nykh s zabolevaniiami legkikh Sov Med (4):41–5, Apr 76 (Eng. Abstr.) **(Rus)**
ADULT/ BRONCHI, secretion/ ENGLISH ABSTRACT/ EXUDATES AND TRANSUDATES, enzymology/ HUMAN/ *LUNG DISEASES, enzymology/ MIDDLE AGE/ *PEPTIDE HYDROLASES, analysis/ *SPUTUM, enzymology

6993. **Papadakis N, Hammes GG:** Fluorescent derivatives of the pyruvate dehydrogenase component of the Escherichia coli pyruvate dehydrogenase complex. Biochemistry 16(9):1890–6, 3 May 77
ANILINO NAPHTHALENESULFONATES/ ENERGY TRANSFER/ ESCHERICHIA COLI/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, VLDL, metabolism/ MALEIMIDES/ ORGANOPHOSPHORUS COMPOUNDS/ PYRIMIDINES/ THIAZOLES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

6994. **Papadia F, Ovaleo-Pandolfo E, Pampari GC, et al:** Risultati a distanza della terapia anticoagulante dicumarolica protratta su 327 arteriopatici periferici. Chir Ital 28(6):817–30, Dec 76 (Eng. Abstr.) **(Ita)**
ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *BISHYDROXYCOUMARIN, administration & dosage/ BISHYDROXYCOUMARIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE

6995. **Papadimitriou J:** Experimental measurement of microcirculation in myocardial infarction by using radioactive microspheres. Int Surg 61(9):486–90, Sep 76
ANIMAL/ *CORONARY CIRCULATION/ DOGS/ FIBRINOLYSIN, therapeutic use/ HEPARIN, therapeutic use/ *MICROCIRCULATION/ MICROSPHERES/ MYOCARDIAL INFARCT, drug therapy/ *MYOCARDIAL INFARCT, physiopathology/ SODIUM CHLORIDE, therapeutic use

6996. **Papadimitriou J, Tritakis C, Karatzas G:** Treatment of hypersplenism by embolus placement in the splenic artery. Lancet 2(7998):1268–70, 11 Dec 76
ANGIOGRAPHY/ BLOOD CELL COUNT/ BLOOD PLATELETS, pathology/ CASE REPORT/ CELIAC ARTERY/ *EMBOLIZATION, THERAPEUTIC/ FEMALE/ FOLLOW-UP STUDIES/ GELATIN, therapeutic use/ HEMATOCRIT/ HUMAN/ HYPERSPLENISM, blood/ *HYPERSPLENISM, therapy/ LEUKOCYTES, pathology/ MESENTERIC ARTERIES/ MIDDLE AGE/ SPLEEN, blood supply/ *SPLENIC ARTERY

6997. **Papaian AV, Alekseeva NA, Pshenichnaia KI, et al:** O patogeneze gemorragicheskogo sindroma pri gemorragicheskom vaskulite u detei Pediatriia (8):62–5, Aug 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *HEMORRHAGE, etiology/ HEPARIN, administration & dosage/ HUMAN/ HYPERSENSITIVITY, physiopathology/ INFANT/ *PURPURA, physiopathology/ SYNDROME

6998. **Papaian LP, Fedorova ZD, Medved' RI, et al:** K voprosu diagnostiki bolezni Stiuarta-Prauér Probl Gematol Pereliv Krovi 22(3):46–9, Mar 77 **(Rus)**
ADOLESCENCE/ ADULT/ BLOOD COAGULATION/ CASE REPORT/ *FACTOR X DEFICIENCY, diagnosis/ FACTOR X DEFICIENCY, familial & genetic/ FACTOR X DEFICIENCY, physiopathology/ *FACTOR X, analysis/ HUMAN/ *HYPOPROTHROMBINEMIAS, diagnosis/ MALE

6999. **Papaioannou SE, Marsheck WJ:** Purification and properties of a neutral protease from soil bacterium WM 122. Thromb Haemostas 37(3):556–65, 30 Jun 77
CASEIN/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ EDTA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRIN/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, isolation & purification/ *SOIL MICROBIOLOGY

7000. **Parafiniuk W, Januszewski J, Miętkiewski J:** Rozsiane wykrzepianie śródnaczyniowe (DIC). Patol Pol 28(2):191–9, Apr–Jun 77 (Eng. Abstr.) **(Pol)**
CAPILLARIES, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, pathology/ MALE/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, pathology/ PREGNANCY/ THROMBOSIS, pathology

7001. **Parakhoniak VI, Ovchinnikov VA, Mizinov KN:** Vnutriarterial'nye infuzii v lechenii obliteriruiushchikh zabolevanii arterii nizhnikh konechnostei Khirurgiia (Mosk) (11):104–8, Nov 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *ARTERIOSCLEROSIS OBLITERANS, drug therapy/ CASE REPORT/ DEXTRAN, administration & dosage/ DEXTRAN, therapeutic use/ DRUG COMBINATIONS/ *ENDARTERITIS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ *FEMORAL ARTERY/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ *INFUSIONS, PARENTERAL, methods/ MALE/ MIDDLE AGE/ PAPAVERINE, administration & dosage/ PAPAVERINE, therapeutic use/ *POPLITEAL ARTERY/ THIAMINE, administration & dosage/ THIAMINE, therapeutic use

7002. **Paramelle B, Hohn B, Coulomb M, et al:** Les thromboses chroniques des gros troncs artériels pulmonaires. A propos de 30 observations Coeur Med Interne 15(3):303–14, Jul–Sep 76 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HEART, physiopathology/ HEMODYNAMICS/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, physiopathology/ PULMONARY EMBOLISM, therapy/ RESPIRATORY FUNCTION TESTS/ THROMBOPHLEBITIS, complications

7003. **Paramelle B, Hohn B, Parent B, et al:** La fonction respiratoire au cours des obstructions chroniques des gros troncs artériels pulmonaires (étude de 30 observations) Poumon Coeur 32(5):205–14, 1976 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ *ALKALOSIS, RESPIRATORY, etiology/ ANOXEMIA, etiology/ *CARBON DIOXIDE, analysis/ CHRONIC DISEASE/ *DYSPNEA, etiology/ ENGLISH ABSTRACT/ HUMAN/ *LUNG, physiopathology/ MIDDLE AGE/ OXYGEN, analysis/ PARTIAL PRESSURE/ PULMONARY ALVEOLI/ PULMONARY DIFFUSING CAPACITY/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, physiopathology/ VENTILATION-PERFUSION RATIO

7004. **Pardy BJ, Dudley HA:** Post-traumatic pulmonary insufficiency. Surg Gynecol Obstet 144(2):259–69, Feb 77
BLOOD COAGULATION/ BRONCHOPULMONARY SEQUESTRATION, physiopathology/ FIBRINOLYSIS/ HUMAN/ INTESTINAL MUCOSA, physiopathology/ KUPFFER CELLS, metabolism/ LEUKOCYTES, physiology/ LIVER, physiopathology/ LUNG

DISEASES, etiology/ LUNG, metabolism/ LUNG, physiopathology/ PHAGOCYTOSIS/ *RESPIRATORY INSUFFICIENCY, etiology/ RETICULOENDOTHELIAL SYSTEM, physiopathology/ SHOCK, physiopathology/ *WOUNDS AND INJURIES, complications

7005. **Pareti FI, Capitanio A, Mannucci PM:** Acquired storage pool disease in platelets during disseminated intravascular coagulation. Blood 48(4):511–5, Oct 76
ADENINE NUCLEOTIDES, metabolism/ ADENOSINE DIPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ *BLOOD COAGULATION DISORDERS, complications/ *BLOOD PLATELETS/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HUMAN/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION

7006. **Parish WE:** Features of human spontaneous vasculitis reproduced experimentally in animals. Effects of antiglobulins, C-reactive protein and fibrin. pp. 117–51.

In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e. (61 ref.)
ANIMAL/ *ANTI-ANTIBODIES/ ANTI-ANTIBODIES, analysis/ ANTIBODIES, BACTERIAL/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS, BACTERIAL/ ARTHUS PHENOMENON, etiology/ ARTHUS PHENOMENON, immunology/ AUTOIMMUNE DISEASES, etiology/ C-REACTIVE PROTEIN, analysis/ *C-REACTIVE PROTEIN, immunology/ COMPLEMENT/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRIN, immunology/ FIBRINOLYSIS/ GAMMA GLOBULINS/ HUMAN/ HYPERSENSITIVITY, DELAYED, etiology/ IMMUNOGLOBULINS, analysis/ INFLAMMATION, etiology/ INFLAMMATION, immunology/ LEUKOCYTES, immunology/ MONOGRAPH/ PLEURAL EFFUSION, immunology/ REVIEW/ RHEUMATOID FACTOR, analysis/ *VASCULAR DISEASES, etiology/ VASCULAR DISEASES, immunology

7007. **Parisi AF, Tow DE, Sasahara AA:** Clinical appraisal of current nuclear and other noninvasive cardiac diagnostic techniques. Am J Cardiol 38(6):722–30, 23 Nov 76
AORTIC ANEURYSM, diagnosis/ AORTIC SUBVALVULAR STENOSIS, diagnosis/ AORTIC VALVE INSUFFICIENCY, diagnosis/ AORTIC VALVE STENOSIS, diagnosis/ CORONARY DISEASE, diagnosis/ *ECHOCARDIOGRAPHY/ *ELECTROCARDIOGRAPHY/ EXERCISE TEST/ HEART DEFECTS, CONGENITAL, diagnosis/ *HEART DISEASES, diagnosis/ HEART NEOPLASMS, diagnosis/ HEART VALVE DISEASES, diagnosis/ HEART VENTRICLE, physiopathology/ HUMAN/ MITRAL VALVE INSUFFICIENCY, diagnosis/ MITRAL VALVE STENOSIS, diagnosis/ MYOCARDIAL CONTRACTION/ MYOCARDIAL INFARCT, diagnosis/ MYOMA, diagnosis/ PERICARDIAL EFFUSION, diagnosis/ PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING

7008. **Parker JW, Dixon JF, O'Brien RL:** Periodate-induced lymphocyte transformation. VI. Stimulation of human lymphocytes by periodate-treated allogeneic cells. Exp Cell Res 107(1):169–77, Jun 77
B-LYMPHOCYTES/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, immunology/ CELL LINE/ HELA CELLS, drug effects/ HELA CELLS, immunology/ HUMAN/ LEUKOCYTE CULTURE TEST, MIXED/ *LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ LYMPHOCYTES, metabolism/ MITOMYCIN, pharmacodynamics/ *PERIODIC ACIDS, pharmacodynamics/ T-LYMPHOCYTES/ THYMIDINE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7009. **Parkhouse RM, Abney ER, Bourgois A, et al:** Functional and structural characterization of immunoglobulin on murine B lymphocytes. Cold Spring Harbor Symp Quant Biol 41 Pt 1:193–200, 1977
ANIMAL/ ANTIBODY PRODUCING CELLS, immunology/ *B-LYMPHOCYTES, immunology/ CLONE CELLS, immunology/ COMPARATIVE STUDY/ GENES/ HUMAN/ IGA, biosynthesis/ *IGD/ IGD, biosynthesis/ IGD, metabolism/ IGG, biosynthesis/ IGM, biosynthesis/ IMMUNOGLOBULIN ALLOTYPES/ IMMUNOGLOBULIN VARIABLE REGION/ *IMMUNOGLOBULINS, HEAVY CHAIN, biosynthesis/ *IMMUNOGLOBULINS, SURFACE/ IMMUNOGLOBULINS, SURFACE, metabolism/ IMMUNOLOGIC MEMORY/ KINETICS/ MICE/ ONTOGENY/ SPECIES SPECIFICITY/ TRYPSIN, metabolism

7010. **Parkinson DR, Cano PO, Jerry LM, et al:** Complications of cancer immunotherapy with levamisole. Lancet 1(8022):1129–32, 28 May 77
ADULT/ AGED/ AGGLUTINATION TESTS/ AGRANULOCYTOSIS, chemically induced/ ANTIGEN-ANTIBODY COMPLEX/ CASE REPORT/ CENTRIFUGATION, DENSITY GRADIENT/ COMPLEMENT 1, analysis/ *DRUG HYPERSENSITIVITY/ DRUG HYPERSENSITIVITY, diagnosis/ FEMALE/ GASTROINTESTINAL DISEASES, chemically induced/ HUMAN/ *IMMUNOTHERAPY, adverse effects/ JOINT DISEASES, chemically induced/ *LEVAMISOLE, adverse effects/ MALE/ MIDDLE AGE/ MUSCULAR DISEASES, chemically induced/ *NEOPLASMS, therapy/ NEUTROPENIA, chemically induced/ PAIN, chemically induced/ THROMBOPENIA, chemically induced/ URTICARIA, chemically induced

7011. **Parkki MG, Marniemi J, Vainio H:** Action of styrene and its metabolites sytrene oxide and styrene glycol on activities of xenobiotic biotransformation enzymes in rat liver in vivo. Toxicol Appl Pharmacol 38(1):59–70, Oct 76
AMINO ACIDS, metabolism/ ANIMAL/ BIOTRANSFORMATION, drug effects/ DIGITONIN, pharmacodynamics/ HYDROXYLATION/ IN VITRO/ MALE/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, enzymology/ *MIXED FUNCTION OXIDASES, metabolism/ *OXIDOREDUCTASES, metabolism/ RATS/ *STYRENES, pharmacodynamics/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ UDP GLUCURONOSYLTRANSFERASE, metabolism

7012. **Parkman R:** Treatment of immunodeficiency diseases by organ transplantation. Prog Clin Immunol 3:85–102, 1977 (62 ref.)
ADENOSINE DEAMINASE, deficiency/ ADENOSINE DEAMINASE, therapeutic use/ AGAMMAGLOBULINEMIA, therapy/ ALDRICH SYNDROME, therapy/ *BONE MARROW CELLS, transplantation/ CELL DIFFERENTIATION/ CHROMOSOME MAPPING/ HEMATOPOIETIC STEM CELLS, cytology/ HEMATOPOIETIC STEM CELLS, immunology/ HEMATOPOIETIC STEM CELLS, transplantation/ HL-A/ HUMAN/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, therapy/ *LIVER, transplantation/ REVIEW/ T-LYMPHOCYTES, immunology/ THYMOSIN, therapeutic use/ THYMUS GLAND, abnormalities/ *THYMUS GLAND, transplantation/ TRANSFER FACTOR, therapeutic use/ TRANSPLANTATION, ALLOGENEIC

7013. **Parmely MJ, Reath DB, Beer AE, et al:** Cellular immune responses of human milk T lymphocytes to certain environmental antigens. Transplant Proc 9(2):1477–83, Jun 77
ANTIGENIC DETERMINANTS/ *ANTIGENS, BACTERIAL/ *ANTIGENS, FUNGAL/ CANDIDA ALBICANS, immunology/ ESCHERICHIA COLI, immunology/ HUMAN/ *IMMUNITY, CELLULAR/ IMMUNOLOGIC TECHNICS/ LYMPHOCYTE TRANSFORMATION/ MEASLES VIRUS, immunology/ *MILK, immunology/ MUMPS VIRUS, immunology/ STREPTOKINASE, immunology/ *T-LYMPHOCYTES, immunology/ TETANUS TOXOID, pharmacodynamics/

TUBERCULIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7014. **Parodi AJ:** Synthesis of glycosyl-dolichol derivatives in bakers' yeast and their role in protein glycosylation. Eur J Biochem 75(1):171-80, 2 May 77
ANIMAL/ CHYMOTRYPSIN/ *DITERPENES, metabolism/ *DOLICHOL, metabolism/ *GLUCOSIDES, metabolism/ *GLYCOSIDES, metabolism/ LIVER/ MANNOSIDASES/ OLIGOSACCHARIDES, metabolism/ PAPAIN/ PHOSPHOLIPIDS, biosynthesis/ PRONASE/ *SACCHAROMYCES CEREVISIAE, metabolism/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ URIDINE DIPHOSPHATE GLUCOSE, metabolism

7015. **Parquet-Gernez A, Kacem M:** Thrombopathies des dysglobulinémies Nouv Rev Fr Hematol 16(3):437-42, 1976 (Eng. Abstr.) **(Fre)**
*BLOOD PLATELET DISORDERS, etiology/ ENGLISH ABSTRACT/ HUMAN/ IGA/ IGG/ IMMUNOGLOBULINS, KAPPA CHAIN/ IMMUNOGLOBULINS, LAMBDA CHAIN/ MACROGLOBULINEMIA, complications/ MULTIPLE MYELOMA, complications/ *PARAPROTEINEMIAS, complications/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ SURFACE PROPERTIES/ THROMBOPLASTIN, analysis

7016. **Parrish JA, Fitzpatrick TB, Shea C, et al:** Photochemotherapy of vitiligo. Use of orally administered psoralens and a high-intensity long-wave ultraviolet light system. Arch Dermatol 112(11):1531-4, Nov 76
ADMINISTRATION, ORAL/ ADULT/ *COUMARINS, therapeutic use/ FEMALE/ HUMAN/ METHOXSALEN, adverse effects/ *METHOXSALEN, therapeutic use/ TRIOXSALEN, adverse effects/ *TRIOXSALEN, therapeutic use/ *ULTRAVIOLET THERAPY/ ULTRAVIOLET THERAPY, instrumentation/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITILIGO, therapy

7017. **Parrot JL, Dray F, Allouche G, et al:** Role of histamine release in prostaglandin synthesis in anaphylactic shock in guinea-pig [proceedings]. Agents Actions 7(1):117-9, Mar 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANAPHYLAXIS, chemically induced/ *ANAPHYLAXIS, metabolism/ ANIMAL/ GUANIDINES/ GUINEA PIGS/ HEPARIN/ HISTAMINASE, blood/ *HISTAMINE LIBERATION/ HISTAMINE, blood/ *LUNG, metabolism/ OVALBUMIN/ *PROSTAGLANDINS E, biosynthesis/ *PROSTAGLANDINS F, biosynthesis

7018. **Parrott DP, Lewis DA:** Protease and antiprotease levels in blood of arthritic rats. Ann Rheum Dis 36(2):166-9, Apr 77
ACID PHOSPHATASE, blood/ ALPHA 1-ANTITRYPSIN, analysis/ ANIMAL/ *ARTHRITIS, enzymology/ *ARTHRITIS, ADJUVANT, enzymology/ EDEMA, enzymology/ ENZYME TESTS/ EXUDATES AND TRANSUDATES, enzymology/ GRANULATION TISSUE, enzymology/ HYDROCORTISONE, pharmacodynamics/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, blood/ RATS

7019. **Parsa KP, Lee DB, Zamboni L, et al:** Hereditary nephritis, deafness and abnormal thrombopoiesis. Study of a new kindred. Am J Med 60(5):665-72, 10 May 76
ADOLESCENCE/ ADULT/ BLOOD PLATELETS, pathology/ BLOOD PLATELETS, ultrastructure/ BONE MARROW EXAMINATION/ CASE REPORT/ CHILD/ CHROMOSOME ABNORMALITIES/ CHROMOSOMES, HUMAN, 13-15/ *DEAFNESS, familial & genetic/ FEMALE/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ MALE/ MIDDLE AGE/ NEPHRITIS, HEREDITARY, blood/ *NEPHRITIS, HEREDITARY, complications/ PEDIGREE/ PROGNOSIS/ SYNDROME/ *THROMBOPENIA, familial & genetic/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7020. **Parsons JA, Rafferty B, Stevenson RW, et al:** Use of protease inhibitors to protect subcutaneously injected peptide hormones against local degradation [proceedings]. Br J Pharmacol 59(3):489P-490P, Mar 77
ANIMAL/ BIODEGRADATION/ CATTLE/ CHICKENS/ DEPRESSION, CHEMICAL/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ PARATHYROID HORMONE, administration & dosage/ *PARATHYROID HORMONE, metabolism/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES, metabolism

7021. **Partington MW, Ferguson AC:** Serotonin metabolism in cystic fibrosis. Arch Dis Child 52(5):386-90, May 77
ADOLESCENCE/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD/ CHILD, PRESCHOOL/ *CYSTIC FIBROSIS, blood/ CYSTIC FIBROSIS, immunology/ FEMALE/ HUMAN/ HYDROXYINDOLEACETIC ACID, urine/ IGE, analysis/ INFANT/ MALE/ *SEROTONIN, blood

7022. **Partsch H:** 'A-sounds' or 's-sounds' for doppler ultrasonic evaluation of pelvic vein thrombosis. Vasa 5(1):16-9, 1976
COMPARATIVE STUDY/ DOPPLER EFFECT/ HUMAN/ PELVIS/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS

7023. **Parving HH, Christensen SB, Hansen JB, et al:** Splenektomi ved kronisk idiopatisk trombocytopeni Ugeskr Laeger 139(2):67-71, Jan 77 (Eng. Abstr.) **(Dan)**
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *SPLENECTOMY/ *THROMBOPENIA, therapy

7024. **Pasiak VN:** Funktsional'ney sdvigi pokazateleĭ gomeastaza u obozhzhennykh v stadii septikotoksemii pri ftorotanovom narkoze Klin Khir (4):45-7, Apr 76 **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ *ANESTHESIA, INHALATION/ *BURNS, physiopathology/ BURNS, surgery/ CHILD/ *HALOTHANE, pharmacodynamics/ *HEMOSTASIS/ HUMAN/ MIDDLE AGE/ *SEPTICEMIA, physiopathology

7025. **Paskhina TS, Nartikova VF, Dotsenko VL, et al:** Sostoianie kininovoĭ sistemy pri ozhogovom shoke i ranneĭ toksemii Vopr Med Khim 22(5):696-707, Sep-Oct 76 (Eng. Abstr.) **(Rus)**
BLOOD PROTEINS, metabolism/ *BURNS, blood/ BURNS, complications/ ENGLISH ABSTRACT/ ESTERASES, blood/ FEMALE/ HUMAN/ KALLIKREIN, blood/ KININASE I, blood/ KININOGENS, blood/ *KININS, blood/ MALE/ *SHOCK, TRAUMATIC, blood/ SHOCK, TRAUMATIC, etiology/ TRYPSIN INHIBITORS, blood

7026. **Paskhina TS:** Kallikrein plazmy krovi: novye funktsii Biokhimiia 41(8):1347-51, Aug 76 (Eng. Abstr.) **(Rus)**
CHEMOTAXIS, LEUKOCYTE/ ENGLISH ABSTRACT/ FACTOR XI, metabolism/ FACTOR XII, physiology/ FEEDBACK/ FIBRINOLYTIC AGENTS, metabolism/ HUMAN/ *KALLIKREIN, physiology/ KININS, biosynthesis/ NEUTROPHILS/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PLASMINOGEN, metabolism/ PREKALLIKREIN, metabolism

7027. **Paskhina TS, Poliantseva LR, Krinskaia AV, et al:** Sostoianie kininovoĭ sistemy i uroven' ingibitorov proteinaz syvorotki krovi pri latentnom nefrite i nefroticheskom sindrome razlichnoĭ étiologii. Vopr Med Khim 23(2):241-51, Mar-Apr 77 (Eng. Abstr.) **(Rus)**
ALPHA MACROGLOBULINS, analysis/ ALPHA 1-ANTITRYPSIN, analysis/ ARGININE/ BENZENE DERIVATIVES/ ENGLISH ABSTRACT/ ESTERASES, blood/ *GLOMERULONEPHRITIS, blood/ GLOMERULONEPHRITIS, enzymology/ HUMAN/ KALLIKREIN, blood/ KININASE I, blood/ KININOGENS, blood/ *KININS, blood/ *NEPHROTIC SYNDROME, blood/ NEPHROTIC SYNDROME, enzymology/ TRYPSIN INHIBITORS, blood

7028. **Paskhina TS, Makevnina LG, Egorova TP, et al:** Identifikatsiia kininov, osvobozhdaemykh pankreaticheskim kallikreinom svin'i iz nizkomolekuliarnogo kininogena krolika. Biokhimiia 42(6):1144–7, Jun 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BRADYKININ, metabolism/ ENGLISH ABSTRACT/ HUMAN/ KALLIDIN, metabolism/ *KALLIKREIN, metabolism/ *KININOGENS, metabolism/ *KININS, metabolism/ *PANCREAS, enzymology/ PEPTIDE FRAGMENTS, metabolism/ RABBITS/ SALIVA, enzymology/ SWINE

7029. **Passl R, Staudacher M, Szalay S, et al:** Zur Problematik und chirurgischen Therapie des veralteten Paget-v. Schrötter Syndroms Hefte Unfallheilkd (126):170–1, Nov 75 **(Ger)**
ATHLETIC INJURIES/ *AXILLARY VEIN, surgery/ HUMAN/ SYNDROME/ *THROMBOSIS, surgery

7030. **Passl R, Plenk H Jr, Sauer G, et al:** Die homologe reine Gelenkknorpeltransplantation im Tierexperiment. Vorläufige experimentelle Studien am Schaf Arch Orthop Unfallchir 86(2):243–56, 25 Oct 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ CARTILAGE, ARTICULAR, pathology/ *CARTILAGE, ARTICULAR, transplantation/ CYANOACRYLATES/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN/ MALE/ MICROSCOPY, ELECTRON/ SHEEP/ TIME FACTORS/ TISSUE ADHESIVES/ TRANSPLANTATION, HOMOLOGOUS, methods

7031. **Passow H, Fasold H, Lepke S, et al:** Chemical and enzymatic modification of membrane proteins and anion transport in human red blood cells. Adv Exp Med Biol 84:353–79, 1977
*ANIONS/ BINDING SITES, drug effects/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS, metabolism/ DEPRESSION, CHEMICAL/ DINITROFLUOROBENZENE, blood/ ERYTHROCYTE MEMBRANE, drug effects/ *ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, metabolism/ HUMAN/ IN VITRO/ *MEMBRANE PROTEINS, blood/ *PEPTIDE HYDROLASES, pharmacodynamics/ PROTEIN BINDING, drug effects/ STILBENES, blood/ STILBENES, pharmacodynamics

7032. **Pasteyer J, Mahaut O, Jean N, et al:** Les accidents thrombo-emboliques dans les prothèses totales de la hanche. Résultats du traitement prophylactique par l'héparinothérapie à faibles doses J Chir (Paris) 111(1):63–8, Jan 76 **(Fre)**
ADULT/ AGED/ FEMALE/ *HEPARIN, therapeutic use/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS, adverse effects/ MALE/ MIDDLE AGE/ *THROMBOEMBOLISM/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, etiology

7033. **Pasteyer J, Jean N, Guéry J:** Hypercapnie per et post-opératoire immédiate lors de transfusions massives chez les traumatisés Anesth Analg (Paris) 33(5):845–52, Sep-Oct 76 **(Fre)**
ADULT/ *BLOOD TRANSFUSION, adverse effects/ CARBON DIOXIDE, blood/ FEMALE/ HUMAN/ *HYPERCAPNIA, etiology/ MALE/ MIDDLE AGE/ OXYGEN, blood/ PARTIAL PRESSURE/ PULMONARY EDEMA, etiology/ PULMONARY EMBOLISM, etiology/ *WOUNDS AND INJURIES, surgery

7034. **Pasteyer J, Jean N, Shebabou C:** Les hémorragies massives en chirurgie orthopédique majeure. Conséquences métaboliques Rev Chir Orthop 62(6):585–93, Sep 76 (Eng. Abstr.) **(Fre)**
ACID-BASE EQUILIBRIUM/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD PRESERVATION/ BLOOD TRANSFUSION, adverse effects/ CALCIUM, blood/ ENGLISH ABSTRACT/ *HEMORRHAGE, etiology/ *HIP, surgery/ HUMAN/ HYPOTHERMIA, etiology/ JOINT PROSTHESIS, adverse effects/ *POSTOPERATIVE COMPLICATIONS/ POTASSIUM, blood/ RESPIRATORY INSUFFICIENCY, etiology/ *SPINE, surgery

7035. **Pastorova VE:** Agregatsiia trombotsitov pri depresii i aktivatsii funktsii protivosvertyvaiushcheĭ sistemy krovi u zhivotnykh Kardiologiia 16(2):123–7, Feb 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ ANTIFIBRINOLYTIC AGENTS, administration & dosage/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ CHLORPROMAZINE, administration & dosage/ CHLORPROMAZINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FIBRINOLYSIN, antagonists & inhibitors/ INJECTIONS, INTRAVENOUS/ MALE/ *PLATELET AGGREGATION, drug effects/ RATS/ STIMULATION, CHEMICAL

7036. **Pastorova VE, Kovalev SV:** Vliianie antitrombina III na funktsiiu protivosvertyvaiushcheĭ sistemy u zhivotnykh pri vnutrennei in'ektsii tkanevogo tromboplastina Vopr Med Khim 22(2):240–5, Mar-Apr 76 (Eng. Abstr.) **(Rus)**
AFIBRINOGENEMIA, physiopathology/ ANIMAL/ ANTITHROMBINS, isolation & purification/ *ANTITHROMBINS, pharmacodynamics/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION, drug effects/ CATTLE/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS, drug effects/ INJECTIONS, INTRAVENOUS/ MALE/ RATS/ *THROMBOPLASTIN, administration & dosage/ TIME FACTORS

7037. **Pastorova VE:** Vzaimosviazi mezhdu dinamicheskoĭ funktsieĭ trombotsitov i svertyvaniem krovi. Usp Fiziol Nauk 8(2):132–52, Apr-May 77 **(Rus)**
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ *BLOOD COAGULATION/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ CHLORPROMAZINE, pharmacodynamics/ CYTOPLASMIC GRANULES, metabolism/ EPINEPHRINE, pharmacodynamics/ FACTOR XIII, pharmacodynamics/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION, drug effects/ RABBITS/ RATS/ SPLENECTOMY/ THROMBIN, pharmacodynamics/ THROMBOPLASTIN, pharmacodynamics

7038. **Pasynkov EI, Konstantinova GD, Vlasova EI:** Lechebnoe primenenie peremennogo magnitnogo polia pri khronicheskikh zabolevaniiakh ven nizhnikh konechnosteĭ Vopr Kurortol Fizioter Lech Fiz Kult (5):16–9, Sep-Oct 76 **(Rus)**
ADOLESCENCE/ ADULT/ CASE REPORT/ CHRONIC DISEASE/ ELECTROMAGNETIC FIELDS/ *ELECTROMAGNETICS, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, therapy/ *VARICOSE ULCER, therapy

7039. **Pateiuk VG:** Trombogemorragicheskiĭ sindrom u bol'nykh bakterial'noĭ dizenterii Sov Med (5):64–7, 1976 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *DYSENTERY, BACILLARY, blood/ DYSENTERY, BACILLARY, complications/ ENGLISH ABSTRACT/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MIDDLE AGE/ SYNDROME/ *THROMBOSIS, etiology

7040. **Pateiuk VG, Fedianin IuP:** Geparin v lechenii tiazhelykh form virusnogo gepatita. Sov Med (5):33–6, May 77 (Eng. Abstr.) **(Rus)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ *HEPATITIS, VIRAL, HUMAN, drug therapy/ HUMAN/ MALE/ MIDDLE AGE

7041. **Patel CC:** Hematologic abnormalities in acute necrotizing enterocolitis. Pediatr Clin North Am 24(3):579–84, Aug 77
BIRTH WEIGHT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *ENTEROCOLITIS, ACUTE, complications/ ENTEROCOLITIS, ACUTE, mortality/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ INFANT,

NEWBORN, DISEASES, mortality/
*THROMBOPENIA, complications

7042. **Paterson PY:** Experimental allergic encephalomyelitis: role of fibrin deposition in immunopathogenesis of inflammation in rats. Fed Proc 35(13):2428–34, Nov 76
ANIMAL/ CATTLE/ *DISEASE MODELS, ANIMAL/ ENCEPHALITOGENIC BASIC PROTEINS, metabolism/
*ENCEPHALOMYELITIS, ALLERGIC, physiopathology/ *FIBRIN, metabolism/ GUINEA PIGS/ INFLAMMATION, physiopathology/ RATS/ RATS, INBRED LEW/ SPINAL CORD, metabolism

7043. **Paton RC, Douglas AS:** Mechanisms of thrombotic disease. Pathobiol Annu 6:59–93, 1976 (332 ref.)
BLOOD COAGULATION FACTORS, physiology/ BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ FIBRINOLYSIS/ HUMAN/ LIVER, pathology/ LIVER, physiology/ PLASMINOGEN, physiology/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ REGIONAL BLOOD FLOW/ RETICULOENDOTHELIAL SYSTEM, pathology/ RETICULOENDOTHELIAL SYSTEM, physiology/ REVIEW/ THROMBOSIS, etiology/ *THROMBOSIS, physiopathology

7044. **Patrichi G:** Hemoragii prin tulburări ale coagulării Viata Med [Medii Sanit] 24(10):220–4, Oct 76 **(Rum)**
*BLOOD COAGULATION DISORDERS, complications/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY

7045. **Patrone F, Boccaccio P, Armani U, et al:** Aspetti morfologici e funzionali di piastrine consesvate in DMSO a –180 degrees C Riv Emoter Immunoematol 23(1–2):45–50, 1976 (Eng. Abstr.) **(Ita)**
*BLOOD PLATELETS, physiology/ *BLOOD PRESERVATION, methods/ *DIMETHYL SULFOXIDE/ ENGLISH ABSTRACT/ *FREEZING/ HUMAN

7046. **Patrono C, Ciabattoni G, Greco F, et al:** Comparative evaluation of the inhibitory effects of aspirin-like drugs on prostaglandin production by human platelets and synovial tissue. Adv Prostaglandin Thromboxane Res 1:125–31, 1976
ADOLESCENCE/ ADULT/ AGED/ *ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, enzymology/ COMPARATIVE STUDY/ FEMALE/ *FENOPROFEN, pharmacodynamics/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ *HYDROXYLASES, antagonists & inhibitors/ *INDOMETHACIN, pharmacodynamics/ KINETICS/ MALE/ MIDDLE AGE/ *PHENYLPROPIONATES, pharmacodynamics/ *PROSTAGLANDIN SYNTHASE, antagonists & inhibitors/ PROSTAGLANDINS F, biosynthesis/ *SYNOVIAL MEMBRANE, enzymology

7047. **Patscheke H, Brossmer R, Wörner P:** D-Galactose-binding lectins induce a differential response of blood platelets. Biochem Biophys Res Commun 75(1):200–6, 7 Mar 77
BINDING SITES/ *BLOOD PLATELETS, metabolism/ *GALACTOSEMIA/ HUMAN/ KINETICS/ *PLANT AGGLUTININS/ PLATELET AGGREGATION/ PROTEIN BINDING

7048. **Patscheke H, Wörner P, Brossmer R:** The relationship between shape change and release reaction of lectin-stimulated platelets. Effects of cytochalasin B and prostaglandin E1. Thromb Res 10(3):465–74, Mar 77
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, secretion/ *CYTOCHALASIN B, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ *PLANT AGGLUTININS, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS E, pharmacodynamics/ *SEROTONIN, secretion/ TURBIDIMETRY

7049. **Patte M, Kutnowski M:** Infarctus pulmonaire au cours d'affections neurologiques. Importance du dépistage des phlébites profondes (etude préliminaire) Brux Med 56(4):161–8, Apr 76 **(Fre)**
ADULT/ AGED/ BED REST, adverse effects/ FEMALE/ *HEMIPLEGIA, complications/ HUMAN/ MALE/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, etiology/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology

7050. **Paukert JL, Williams GR, Rabinowitz JC:** Formyl-methenyl-methylenetetrahydrofolate synthetase (combined); correlation of enzymic activities with limited proteolytic degradation of the protein from yeast. Biochem Biophys Res Commun 77(1):147–54, 11 Jul 77
AMINOHYDROLASES, isolation & purification/ AMINOHYDROLASES, metabolism/ *FORMYLTETRAHYDROFOLATE SYNTHETASE/ FORMYLTETRAHYDROFOLATE SYNTHETASE, isolation & purification/ FORMYLTETRAHYDROFOLATE SYNTHETASE, metabolism/ KINETICS/ *LIGASES/ LIGASES, metabolism/ METHYLENETETRAHYDROFOLATE DEHYDROGENASE, isolation & purification/ METHYLENETETRAHYDROFOLATE DEHYDROGENASE, metabolism/ MOLECULAR WEIGHT/ *MULTIENZYME COMPLEXES/ MULTIENZYME COMPLEXES, isolation & purification/ MULTIENZYME COMPLEXES, metabolism/ *SACCHAROMYCES CEREVISIAE, enzymology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7051. **Paul J, Malthouse G, Brocklehurst K:** Preparation of fully active ficin from Ficus glabrata by covalent chromatography and characterization of its active centre by using 2,2'-depyridyl disulphide as a reactivity probe. Biochem J 159(2):221–34, Nov 76
ARGININE, analogs & derivatives/ BENZOYLARGININE NITROANILIDE/ BINDING SITES/ CHEMISTRY/ CHROMATOGRAPHY, AGAROSE/ CHROMATOGRAPHY, ION EXCHANGE/ *DISULFIDES/ *FICIN, isolation & purification/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ MERCAPTOETHANOL/ NITROPHENOLS/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *PLANTS, enzymology/ PROTEIN DENATURATION/ *PYRIDINES/ *2,2'-DIPYRIDYL

7052. **Paulmann H:** Beitrag zur Behandlung parazentraler Venenastverschlüsse Klin Monatsbl Augenheilkd 168(4):501–11, Apr 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ LASER COAGULATION/ MALE/ MIDDLE AGE/ PAPILLEDEMA, surgery/ *RETINAL DISEASES, surgery/ *RETINAL VEIN, surgery/ *THROMBOSIS, surgery/ VISION TESTS

7053. **Pausescu E, Proinov F, Chirvasie R, et al:** Early biochemical disorders in the hindlimb muscles following femoral artery stenosis in dogs: protein and electrolyte metabolism. Z Exp Chir 10(4):216–25, Aug 77
ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL/ *ARTERIAL OCCLUSIVE DISEASES, physiopathology/ ASPARTATE AMINOTRANSFERASE, metabolism/ CALCIUM, metabolism/ CREATINE KINASE, metabolism/ DOGS/ ENZYME ACTIVATION/ FEMALE/ *FEMORAL ARTERY/ HINDLIMB/ HISTAMINE, analysis/ MALE/ *MUSCLES, metabolism/ PEPTIDE HYDROLASES, metabolism/ POTASSIUM, metabolism/ PROTEINS, metabolism/ SODIUM, metabolism

7054. **Pavlishchuk SA:** Sostoianie mikrotsirkuliatornogo gemostaza u bol'nykh arterial'noĭ gipertonieĭ i ego izmeneniia pod deistviem geparina. Kardiologiia 17(5):45–9, May 77 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ *HEMOSTASIS/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, blood/ *HYPERTENSION, physiopathology/ *MICROCIRCULATION/ MICROCIRCULATION, drug effects/ PLATELET AGGREGATION, drug effects/ THROMBOSIS, prevention & control

7055. **Pavlovic P:** Deplazmatisani ćelijski elementi krvi dobijeni prilikom pripemanja stabilnih produkata krvi, njihova vijabilnost in vitro i in vivo i korišćenje u kliničke srvhe Vojnosanit Pregl 34(1):49–51, Jan–Feb 77 **(Scr)**
*BLOOD PRESERVATION/ *ERYTHROCYTES, physiology/ HUMAN/ IN VITRO/ *PLASMA/ YUGOSLAVIA

7056. **Pavlovskiĭ DP, Mikaĭlenko ET:** Zastosuvannia hemostatychnykh preparativ pry akushers'kykh krovotechakh Pediatr Akush Ginekol (1):33–7, Jan–Feb 76 **(Ukr)**
AFIBRINOGENEMIA, drug therapy/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION, drug effects/ BLOOD TRANSFUSION/ FEMALE/ FIBRINOLYSIS, drug effects/ HEMOSTASIS, drug effects/ HEMOSTATIC TECHNICS/ *HEMOSTATICS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *LABOR COMPLICATIONS, drug therapy/ MATERNAL MORTALITY/ PREGNANCY/ PROTAMINES, therapeutic use/ PUERPERAL DISORDERS, drug therapy/ *UTERINE HEMORRHAGE, drug therapy

7057. **Pavlovskiĭ DP, Baluda VP, Sushkevich GP:** Primenenie gemostaticheskikh preparatov mestnogo deĭstviia v khirurgii Klin Khir (8):66–72, Aug 76 **(Rus)**
ADMINISTRATION, TOPICAL/ *CELLULOSE, analogs & derivatives/ *CELLULOSE, OXIDIZED, administration & dosage/ COLLAGEN, administration & dosage/ DRUG COMBINATIONS/ FIBRIN, administration & dosage/ GELATIN, administration & dosage/ *HEMOSTASIS, SURGICAL/ HEMOSTATIC TECHNICS/ *HEMOSTATICS, administration & dosage/ HUMAN/ STARCH, administration & dosage/ TAMPONS/ THROMBIN, administration & dosage/ TISSUE ADHESIVES, administration & dosage/ USSR

7058. **Pavlovskiĭ DP:** Gemorragicheskie oslozhneniia pri zabolevaniiakh pecheni, ikh prichiny, preduprezhdenie i lechenie Ter Arkh 48(9):138–45, 1976 (104 ref.) **(Rus)**
*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, prevention & control/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION FACTORS/ BLOOD TRANSFUSION/ FIBRINOLYSIS/ *HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HEMORRHAGE, therapy/ HEMOSTATICS, therapeutic use/ HUMAN/ LIVER DISEASES, blood/ *LIVER DISEASES, complications/ PLASMA SUBSTITUTES, therapeutic use/ REVIEW

7059. **Pavlovskiĭ DP, Baluda VP, Sushkevich GN:** Profilaktika posleoperatsionnykh tromboémbolicheskikh oslozhnenii (obzor literatury) Khirurgiia (Mosk) (5):124–30, May 77 (126 ref.) **(Rus)**
ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION, drug effects/ EXERCISE THERAPY/ FIBRINOLYTIC AGENTS, therapeutic use/ HEMORRHAGE, prevention & control/ HEPARIN, therapeutic use/ HUMAN/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ REVIEW/ THROMBOEMBOLISM, drug therapy/ *THROMBOEMBOLISM, prevention & control/ THROMBOEMBOLISM, surgery

7060. **Pavlovskiĭ DP:** Narusheniia gemostaza pri mekhanicheskoĭ zheltukhe Klin Med (Mosk) 55(4):74–7, Apr 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ENGLISH ABSTRACT/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *JAUNDICE, OBSTRUCTIVE, blood/ MIDDLE AGE

7061. **Pavlovskiĭ DP, Sushkevich GM:** Metyloksypropiltseliuloza iak osnova hemostatychnykh preparativ Farm Zh (6):45–8, Nov–Dec 76 (Eng. Abstr.) **(Ukr)**
ADMINISTRATION, TOPICAL/ ANIMAL/ *BLOOD COAGULATION, drug effects/ *CELLULOSE, analogs & derivatives/ CELLULOSE, pharmacodynamics/ ENGLISH ABSTRACT/ *HEMOSTATICS, administration & dosage/ RATS

7062. **Pavlovskiĭ DP:** Narusheniia trombotsitarnogo gemostaza i ikh korrektsiia Vestn Khir 118(4):130–6, Apr 77 **(Rus)**
*BLOOD PLATELET DISORDERS, drug therapy/ HORMONES, therapeutic use/ HUMAN/ PHENOTHIAZINES, therapeutic use/ PROSTAGLANDINS E, therapeutic use/ SALICYLATES, therapeutic use/ VITAMINS, therapeutic use

7063. **Pavlovskiĭ DP:** Narushenie trombotsitarno-sosudistogo komponenta gemostaza pri tireotoksikoze. Probl Endokrinol (Mosk) 23(3):32–5, May–Jun 77 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, etiology/ *CAPILLARIES, physiopathology/ ENGLISH ABSTRACT/ HEMORRHAGE, etiology/ *HEMOSTASIS/ HUMAN/ HYPERTHYROIDISM, complications/ *HYPERTHYROIDISM, physiopathology/ VASCULAR RESISTANCE

7064. **Pawilowska H:** Badania aktywności proteolitycznej śliny w niektórych chorobach jamy ustnej Czas Stomatol 29(8):643–50, Aug 76 (Eng. Abstr.) **(Pol)**
*DENTAL CARIES, enzymology/ ENGLISH ABSTRACT/ HUMAN/ *PEPTIDE HYDROLASES, metabolism/ *PERIODONTAL DISEASES, enzymology/ *SALIVA, enzymology/ SALIVARY GLANDS, enzymology

7065. **Payens TA, Wiersma AK, Brinkhuis J:** On enzymatic clotting processes. I. Kinetics of enzyme-triggered coagulation reactions. Biophys Chem 6(3):253–61, Apr 77
*BLOOD COAGULATION/ *ENZYMES, metabolism/ FLOCCULATION/ KINETICS/ MATHEMATICS/ *MILK, metabolism/ MOLECULAR WEIGHT/ TURBIDIMETRY

7066. **Payne JW, Bell G, Higgins CF:** The use of an Escherichia coli Lys– auxotroph to assay nutritionally available lysine in biological materials. J Appl Bacteriol 42(2):165–77, Apr 77
*DIETARY PROTEINS, analysis/ DIETARY PROTEINS, metabolism/ ESCHERICHIA COLI, growth & development/ *ESCHERICHIA COLI, metabolism/ *FOOD ANALYSIS, methods/ *LYSINE, analysis/ LYSINE, metabolism/ *MUTATION/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES, metabolism/ *PLANT PROTEINS, analysis/ PLANT PROTEINS, metabolism/ SERUM ALBUMIN, BOVINE, analysis/ SERUM ALBUMIN, BOVINE, metabolism

7067. **Peach MJ:** Renin–angiotensin system: biochemistry and mechanisms of action. Physiol Rev 57(2):313–70, Apr 77 (555 ref.)
ADRENAL GLANDS, physiology/ AMINO ACID SEQUENCE/ ANGIOTENSIN II, physiology/ ANGIOTENSIN III, physiology/ *ANGIOTENSIN, physiology/ ANGIOTENSINOGEN, metabolism/ ANIMAL/ BLOOD VESSELS, enzymology/ BRAIN, enzymology/ CAPILLARY PERMEABILITY/ CARDIOVASCULAR SYSTEM, physiology/ CATECHOLAMINES, biosynthesis/ DRINKING BEHAVIOR, physiology/ HEART RATE/ HUMAN/ KIDNEY, enzymology/ KININASE II, antagonists & inhibitors/ KININASE II, metabolism/ MUSCLE, SMOOTH, physiology/ NERVOUS SYSTEM, physiology/ PEPTIDE HYDROLASES, metabolism/ *RENIN, metabolism/ REVIEW/ SALIVARY GLANDS, enzymology/ STEROIDS, biosynthesis/ STRUCTURE–ACTIVITY RELATIONSHIP/ UTERUS, enzymology

7068. **Peake IR, Bloom AL:** The use of an immunoradiometric assay for factor VIII related antigen in the study of atypical Von Willebrand's disease. Thromb Res 10(1):27–32, Jan 77
ANTIGENIC DETERMINANTS/ *ANTIGENS/ COUNTERIMMUNOELECTROPHORESIS/ *FACTOR VIII, immunology/ HUMAN/ *RADIOIMMUNOASSAY/ *VON WILLEBRAND'S DISEASE, immunology

7069. **Peake IR, Bloom AL:** Abnormal factor VIII related antigen (FVIIIRAG) in von Willebrand's disease (vWd):

decreased precipitation by concanavalin A [letter] Thromb Haemostas 37(2):361–2, 30 Apr 77
*ANTIGENS, analysis/ *CONCANAVALIN A, pharmacodynamics/ FACTOR VIII, immunology/ HUMAN/ MOLECULAR CONFORMATION/ *VON WILLEBRAND'S DISEASE, immunology

7070. **Pearce PH, Scrutton MC:** Interaction of human blood platelets with the 2',3'–dialdehyde derivatives of adenosine diphosphate and adenosine triphosphate. Biochem Soc Trans 5(1):138–9, 1977
*ADENOSINE DIPHOSPHATE, analogs & derivatives/ ADENOSINE DIPHOSPHATE, blood/ *ADENOSINE TRIPHOSPHATE, analogs & derivatives/ ADENOSINE TRIPHOSPHATE, blood/ ALDEHYDES, blood/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ HUMAN/ PLATELET AGGREGATION

7071. **Pearl RM, Wustrack KO, Harbury C, et al:** Microvascular anastomosis using a blood product sealant–adhesive. Surg Gynecol Obstet 144(2):227–31, Feb 77
ANIMAL/ *BLOOD PLATELETS/ CATTLE/ *FIBRINOGEN/ HEMORRHAGE, prevention & control/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *MICROCIRCULATION, surgery/ POSTOPERATIVE COMPLICATIONS/ RATS/ SUTURE TECHNICS/ *THROMBIN/ THROMBOSIS, etiology/ TIME FACTORS

7072. **Pearlstone JR, Carpenter MR, Smillie LB:** Primary structure of rabbit skeletal muscle troponin–T. Sequence determination of four cyanogen bromide fragments, CB4, CB6, and CB7. J Biol Chem 252(3):978–82, 10 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CARBOXYPEPTIDASES/ CYANOGEN BROMIDE/ *MUSCLE PROTEINS/ MUSCLES/ PEPTIDE FRAGMENTS, analysis/ RABBITS/ *TROPONIN/ TRYPSIN

7073. **Pearlstone JR, Johnson P, Carpenter MR, et al:** Primary structure of rabbit skeletal muscle troponin–T. Sequence determination of the NH2–terminal fragment CB3 and the complete sequence of troponin–T. J Biol Chem 252(3):983–9, 10 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CYANOGEN BROMIDE/ MOLECULAR WEIGHT/ *MUSCLE PROTEINS/ MUSCLES/ PEPSIN/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ RABBITS/ *TROPONIN

7074. **Pearlstone JR, Carpenter MR, Smillie LB:** Primary structure of rabbit skeletal muscle troponin–T. Purification of cyanogen bromide fragments and the amino acid sequence of fragment CB2. J Biol Chem 252(3):971–7, 10 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *MUSCLE PROTEINS/ MUSCLES/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ RABBITS/ THERMOLYSIN/ *TROPONIN

7075. **Pearson GR, Head KW:** Malignant haemangioendothelioma (angiosarcoma) in the dog. J Small Anim Pract 17(11):737–45, Nov 76
ANIMAL/ *DOG DISEASES/ DOGS/ FEMALE/ *HEMANGIOENDOTHELIOMA, veterinary/ MALE

7076. **Pearson TA, Kramer EC, Solez K, et al:** The human atherosclerotic plaque. Am J Pathol 86(3):657–64, Mar 77
AORTA, enzymology/ *AORTA, pathology/ *ARTERIOSCLEROSIS, etiology/ ATHEROMA, enzymology/ *ATHEROMA, etiology/ ATHEROMA, pathology/ CLONE CELLS/ FATTY STREAK, ARTERIAL, enzymology/ FATTY STREAK, ARTERIAL, pathology/ FEMALE/ FOAM CELLS, pathology/ GENES/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HETEROZYGOTE/ HUMAN/ MOSAICISM/ SEX CHROMOSOMES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7077. **Peaucellier G:** Mise en évidence d'un comportement anormal de diverses enzymes protéolytiques en filtration sur gel de polyacrylamide–agarose Biochimie 58(10):1273–6, 1976 (Fre)
ACRYLAMIDES/ CHROMATOGRAPHY, GEL, methods/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ SEPHAROSE/ SUBTILISINS/ TRYPSIN

7078. **Peaucellier G:** Initiation of meiotic maturation by specific proteases in oocytes of the polychaete annelid Sabellaria alveolata. Exp Cell Res 106(1):1–14, Apr 77
ANIMAL/ FEMALE/ GASTRIC JUICE, enzymology/ *MEIOSIS/ *OOCYTES, physiology/ OOCYTES, ultrastructure/ *OVUM, physiology/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, pharmacodynamics/ *POLYCHAETA, physiology/ SEAWATER/ SERINE, metabolism

7079. **Pecháň J:** Diagnostika trombózy hlbkových žíl končatín Bratisl Lek Listy 65(4):471–82, Apr 76 (Eng. Abstr.) (Slo)
ENGLISH ABSTRACT/ HUMAN/ *LEG, blood supply/ RADIONUCLIDE IMAGING/ THERMOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography

7080. **Peck AW:** Anticoagulants [letter]. Br J Hosp Med 17(1):90, Jan 77
*ANTICOAGULANTS, therapeutic use/ DRUG INTERACTIONS/ HUMAN/ WARFARIN, therapeutic use

7081. **Pecker J, Gut G, Fardoun R:** La place des anti–agrégants et des macromolécules dans le traitement des anévrismes artériels cérébraux Anesth Analg (Paris) 3(4):653–8, Jul–Aug 76 (Fre)
*ANTICOAGULANTS, therapeutic use/ *CEREBRAL ANEURYSM, surgery/ *CEREBRAL ARTERY DISEASES, surgery/ HUMAN/ HYPOTENSION, CONTROLLED/ *MACROMOLECULAR SYSTEMS/ MICROSCOPY

7082. **Peeters FL:** Radiological diagnosis of orbital tumours. Radiol Clin (Basel) 46(1):18–25, 1977
ADULT/ AGED/ ANGIOGRAPHY/ CASE REPORT/ EXOPHTHALMOS, radiography/ FEMALE/ HEMANGIOMA, radiography/ HUMAN/ LIPOMA, radiography/ MALE/ MIDDLE AGE/ *ORBITAL NEOPLASMS, radiography/ PHLEBOGRAPHY/ TOMOGRAPHY, COMPUTERIZED AXIAL

7083. **Peeters G, Verbeke R, Houvenaghel A, et al:** Isolation of kallikrein from mammary gland of cows. Q J Exp Physiol 61(1):1–14, Jan 76
ANIMAL/ BIOLOGICAL ASSAY/ BLOOD PRESSURE, drug effects/ CASEIN, metabolism/ *CATTLE, metabolism/ ESTERASES, metabolism/ FEMALE/ *KALLIKREIN, isolation & purification/ KALLIKREIN, pharmacodynamics/ KALLIKREIN, metabolism/ KALLIKREIN–TRYPSIN INACTIVATOR, pharmacodynamics/ KININOGENS, metabolism/ MOLECULAR WEIGHT/ REGIONAL BLOOD FLOW, drug effects/ SHEEP/ UDDER, blood supply/ *UDDER, enzymology/ VASOMOTOR SYSTEM, drug effects

7084. **Pegelow C, Goldberg R, Turkel S, et al:** Severe coagulation abnormalities in Reye syndrome. J Pediatr 91(3):413–6, Sep 77
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HEMORRHAGE, etiology/ HEMOSTASIS/ HUMAN/ INFANT/ REYE'S SYNDROME, blood/ *REYE'S SYNDROME, complications

7085. **Pegels CC, Seagle JP, Cumming PC, et al:** An analysis of selected blood service policy changes. Med Care 15(2):147–57, Feb 77
*BLOOD BANKS/ BLOOD DONORS/ BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ COSTS AND COST ANALYSIS/ ERYTHROCYTES/ HEALTH AND WELFARE PLANNING/ HUMAN/ ORGANIZATION AND ADMINISTRATION/ TIME FACTORS/ UNITED STATES GOVERNMENT

SUPPORTED, NON-N.I.H.

7086. **Pejchl S, Křivohlavý A:** Kontrola heparinové léčby vyšetřením krevní srážlivosti při teplotě ruky Vnitr Lek 22(11):1118-20, Nov 76 (Eng. Abstr.) **(Cze)**
BLOOD COAGULATION TESTS, methods/ *BLOOD COAGULATION, drug effects/ BODY TEMPERATURE, drug effects/ ENGLISH ABSTRACT/ *HAND/ *HEPARIN, therapeutic use/ HUMAN

7087. **Pekçelen Y, Inceman S:** Heparin and ristocetin-induced platelet aggregation. Thromb Haemostas 35(2):485-7, 30 Apr 76
*HEPARIN, pharmacodynamics/ HUMAN/ *PLATELET AGGREGATION, drug effects/ *RISTOCETIN, antagonists & inhibitors

7088. **Pellegrini CA, Paloyan D, Acosta JM, et al:** Acute pancreatitis of rare causation. Surg Gynecol Obstet 144(6):899-902, Jun 77
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ BILIARY TRACT DISEASES, complications/ CASE REPORT/ CELIAC ARTERY/ COMMON BILE DUCT/ DRAINAGE, adverse effects/ FEMALE/ HUMAN/ HYPERCALCEMIA, complications/ INTUBATION, adverse effects/ MALE/ MIDDLE AGE/ NECROSIS/ PANCREATIC DISEASES, complications/ PANCREATIC DUCTS/ PANCREATIC NEOPLASMS, complications/ *PANCREATITIS, etiology/ THROMBOEMBOLISM, complications/ VASCULAR DISEASES, complications/ VATER'S AMPULLA

7089. **Pellegrino F, Morosini S, Manfredi A, et al:** Le trombosi traumatiche delle arterie periferiche Minerva Chir 32(5):239-56, 15 Mar 77 (Eng. Abstr.) **(Ita)**
ADULT/ AGED/ ARM INJURIES, complications/ *ARTERIES, injuries/ AXILLARY ARTERY, injuries/ BRACHIAL ARTERY, injuries/ CASE REPORT/ ENGLISH ABSTRACT/ FEMORAL ARTERY, injuries/ HUMAN/ ILIAC ARTERY, injuries/ LEG INJURIES, complications/ MALE/ MIDDLE AGE/ POPLITEAL ARTERY, injuries/ *THROMBOSIS, etiology/ THROMBOSIS, surgery

7090. **Pelter A, Ward RS, Gray TI:** The carbon-13 nuclear magnetic resonance spectra of flavonoids and related compounds. J Chem Soc [Perkin 1] (23):2475-83, 1976
BIOFLAVONOIDS/ CHALCONE, analogs & derivatives/ COUMARINS/ *FLAVONES/ ISOFLAVONES/ *NUCLEAR MAGNETIC RESONANCE

7091. **Pendefunda G, Nemteanue E, Logofătu S:** Spontaneous hematoma of the medulla oblongata. Case report. Neurol Psychiatr (Bucur) 14(3):177-81, Jul-Sep 76
ADULT/ CASE REPORT/ *CEREBRAL HEMORRHAGE/ FEMALE/ *HEMATOMA/ HUMAN/ *MEDULLA OBLONGATA

7092. **Penglis F:** The effect of chromatographically pure sample of adenosine 5'-tetraphosphate on sheep and rabbit blood platelets. Clin Exp Pharmacol Physiol 4(2):173-82, Mar-Apr 77
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL/ BARIUM, pharmacodynamics/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, drug effects/ IN VITRO/ PLATELET AGGREGATION, drug effects/ RABBITS/ SALTS/ SHEEP/ TIME FACTORS

7093. **Penington DG, Lee NLY, Roxburgh AE, et al:** Platelet density and size: the interpretation of heterogeneity. Br J Haematol 34(3):365-76, Nov 76
ANIMAL/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ CELL SEPARATION/ CENTRIFUGATION, DENSITY GRADIENT/ HUMAN/ PARTICLE SIZE/ RATS/ SELENOMETHIONINE

7094. **Penington DG, Streatfield K, Roxburgh AE:** Megakaryocytes and the heterogeneity of circulating platelets. Br J Haematol 34(4):639-53, Dec 76
ANIMAL/ *BLOOD PLATELETS, ultrastructure/ CELL DIFFERENTIATION/ CELL SEPARATION/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMOSOMES, ultrastructure/ CYTOPLASM, ultrastructure/ MALE/ *MEGAKARYOCYTES, ultrastructure/ RATS

7095. **Penner JA, Hunter MJ:** Antithrombins: clinical aspects, chemical and biologic properties. Prog Clin Biol Res 5:277-300, 1976 (108 ref.)
ALPHA MACROGLOBULINS, metabolism/ *ANTITHROMBINS/ ANTITHROMBINS, analysis/ ANTITHROMBINS, blood/ ANTITHROMBINS, isolation & purification/ ANTITHROMBINS, metabolism/ FACTOR X, antagonists & inhibitors/ FACTOR XI, antagonists & inhibitors/ FIBRINOLYSIN, antagonists & inhibitors/ HEPARIN CO-FACTOR, metabolism/ HUMAN/ REVIEW/ THROMBIN/ THROMBOSIS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7096. **Penner JA:** Prothrombin complex concentrates and coagulation [letter]. Ann Intern Med 85(4):531-2, Oct 76
BLOOD COAGULATION, drug effects/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HEMOPHILIA, drug therapy/ HUMAN/ PROTHROMBIN, administration & dosage/ *PROTHROMBIN, adverse effects/ PROTHROMBIN, pharmacodynamics

7097. **Penner JA, Laros RK Jr, Verlin M:** Treatment of refractory thrombocytopenia [letter]. N Engl J Med 296(5):286, 3 Feb 77
CYCLOPHOSPHAMIDE, therapeutic use/ HUMAN/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY/ VINCRISTINE, therapeutic use

7098. **Penner JA, Kelly PE:** Head injury in hemophiliacs [letter]. JAMA 237(7):641, 14 Feb 77
CASE REPORT/ CHILD/ FACTOR VIII, therapeutic use/ *HEAD INJURIES, complications/ HEMATOMA, SUBDURAL, etiology/ *HEMATOMA, SUBDURAL, surgery/ *HEMOPHILIA, complications/ HEMOPHILIA, drug therapy/ HUMAN/ MALE

7099. **Penner JA, Kelly PE:** Prothrombin complex concentrates for inhibitor patients [letter]. JAMA 237(13):1311-2, 28 Mar 77
HUMAN/ *PROTHROMBIN, standards

7100. **Penner JA, Kelly PE:** Lower doses of factor VIII for hemophilia [letter] N Engl J Med 297(7):401, 18 Aug 77
*FACTOR VIII, administration & dosage/ FACTOR VIII, therapeutic use/ HEMARTHROSIS, drug therapy/ *HEMOPHILIA, drug therapy/ HUMAN

7101. **Penning TM, Merry AH, Munday KA, et al:** Studies on the biosynthesis, assembly and secretion of vitellogenin, an oestrogen-induced multicomponent protein. Biochem J 162(1):157-70, 15 Jan 77
ANIMAL/ CHYMOTRYPSIN, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ LEUCINE, metabolism/ *LIPOPROTEINS, biosynthesis/ MICROSOMES, LIVER, enzymology/ MICROSOMES, LIVER, metabolism/ MOLECULAR WEIGHT/ PEPTIDES, metabolism/ PHOSVITIN, metabolism/ *PROTEIN PRECURSORS, biosynthesis/ SERINE, metabolism/ TRYPSIN, pharmacodynamics/ *VITELLOGENIN, biosynthesis/ VITELLOGENIN, metabolism/ VITELLOGENIN, secretion/ XENOPUS

7102. **Pennington TH, McCrae MA:** Processing of a pseudorabies virus-induced protein which is glycosylated, sulphated and excreted. J Gen Virol 34(1):155-65, Jan 77
AZIDES, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ GLUCOSAMINE, metabolism/ GLUCOSAMINE, pharmacodynamics/ *HERPESVIRUSES, metabolism/ METHIONINE, metabolism/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDES, biosynthesis/ PEPTIDES, metabolism/ PROTEIN PRECURSORS, biosynthesis/ PROTEIN PRECURSORS, metabolism/ *PSEUDORABIES VIRUS, metabolism/ SULFATES, metabolism/ VIRAL PROTEINS, biosynthesis/ *VIRAL PROTEINS, metabolism

7103. **Peppas NA, Merrill EW:** Development of semicrystalline poly(vinyl alcohol) hydrogels for biomedical applications. J Biomed Mater Res 11(3):423–34, May 77
*BIOCOMPATIBLE MATERIALS/ ELECTRONS/ GELS/ HEPARIN/ *POLYVINYL ALCOHOL/ TEMPERATURE/ TENSILE STRENGTH/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7104. **Pepper DS, Banhegyi D, Howie A, et al:** In vitro thrombogenicity tests of factor IX concentrates. Br J Haematol 36(4):573–83, Aug 77
ANTITHROMBINS, pharmacodynamics/ *BLOOD COAGULATION TESTS, methods/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ COMPARATIVE STUDY/ FACTOR IX, adverse effects/ *FACTOR IX, analysis/ FACTOR XIII, antagonists & inhibitors/ HUMAN/ IN VITRO/ ISOFLUROPHATE, pharmacodynamics/ THROMBIN, metabolism/ THROMBOEMBOLISM, etiology/ THROMBOPLASTIN, metabolism

7105. **Pepper DS, Banhegyi D, Howie A:** Spectrophotometric determination of factor Xa generation in factor IX concentrates. Thromb Haemostas 37(3):535–40, 30 Jun 77
*FACTOR IX/ *FACTOR X, analysis/ HUMAN/ METHODS/ PEPTIDES/ SPECTROPHOTOMETRY/ TIME FACTORS

7106. **Péquignot-Planche E, De Gasquet P, Boulangé A, et al:** Lipoprotein lipase activity at onset of development of white adipose tissue in newborn rats. Biochem J 162(2):461–3, 15 Feb 77
*ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, growth & development/ ANIMAL/ *ANIMALS, NEWBORN, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ RATS

7107. **Pereias R, Viamonte M Jr, Russell E, et al:** New techniques for interruption of gastroesophageal venous blood flow. Radiology 124(2):313–23, Aug 77
CATHETERIZATION/ CORONARY VESSELS/ EMBOLIZATION, THERAPEUTIC/ *ESOPHAGUS, blood supply/ GELFOAM, therapeutic use/ HEMOSTASIS, SURGICAL/ *HEMOSTATIC TECHNICS/ HUMAN/ HYPERTENSION, PORTAL, radiography/ *HYPERTENSION, PORTAL, therapy/ LIVER CIRRHOSIS, radiography/ *LIVER CIRRHOSIS, therapy/ *STOMACH, blood supply/ THROMBIN, therapeutic use/ *VEINS

7108. **Pérez-Cabañas I, Voltas J, Zornoza G:** Hemangioma cavernoso del hígado Rev Esp Enferm Apar Dig 49(1):93–102, 1 Jan 77 **(Spa)**
ADULT/ CASE REPORT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ *LIVER NEOPLASMS, diagnosis/ RADIONUCLIDE IMAGING

7109. **Pérez Cirera R:** Estado actual de la terapéutica anticoagulante Prensa Med Mex 41(7–8):196–203, Jul–Aug 76 **(Spa)**
ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, therapeutic use/ *CARDIOVASCULAR DISEASES, drug therapy/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ THROMBOSIS, drug therapy

7110. **Perier C, Ronzière MC, Rattner A, et al:** Séparation par chromatographie en phase gazeuse de l'epsilon-hydroxynorleucine J Chromatogr 125(3):526–9, Oct 76 (Eng. Abstr.) **(Fre)**
*AMINOCAPROIC ACIDS, analysis/ *CHROMATOGRAPHY, GAS/ COLLAGEN, analysis/ ENGLISH ABSTRACT/ NORLEUCINE, analogs & derivatives/ *NORLEUCINE, analysis

7111. **Perkins HA:** HLA antigens and blood transfusion: effect on renal transplants. Transplant Proc 9(1 Suppl 1):229–32, Mar 77
ANTIBODY FORMATION/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CELL SEPARATION, standards/ ERYTHROCYTES/ *GRAFT SURVIVAL/ *HISTOCOMPATIBILITY ANTIGENS/ *HL-A/ HUMAN/ *KIDNEY, transplantation/ LEUKOCYTES/ TRANSPLANTATION, HOMOLOGOUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7112. **Perkins HA:** HLA--the major human histocompatibility complex. pp. 3–7.
In: Human bone marrow transplantation. Washington, American Assoc. of Blood Banks, 1976. WH 380 S989h 1976.
ANIMAL/ ANTIGENIC DETERMINANTS/ B-LYMPHOCYTES, immunology/ BLOOD PLATELETS, immunology/ GENES/ GRANULOCYTES, immunology/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ *HL-A/ HUMAN/ IMMUNOGENETICS/ LYMPHOCYTES, immunology/ MICE/ MONOGRAPH/ PATERNITY/ POLYMORPHISM (GENETICS)/ SPONDYLITIS, ANKYLOSING, immunology/ TRANSPLANTATION IMMUNOLOGY

7113. **Perlin AS:** NMR spectroscopy of heparin. Fed Proc 36(1):106–9, Jan 77
CALCIUM/ CHONDROITIN SULFATES/ *HEPARIN/ HEPARITIN SULFATE/ IDURONIC ACID/ MOLECULAR CONFORMATION/ NUCLEAR MAGNETIC RESONANCE/ SULFATES

7114. **Perlman JA, Barnes AB, Demirjian Z:** Corpus luteum hemorrhages complicating chronic anticoagulation. Obstet Gynecol 49(1 suppl):20–1, Jan 77
ADULT/ *ANTICOAGULANTS, adverse effects/ CASE REPORT/ *CORPUS LUTEUM/ COUMARINS, adverse effects/ FEMALE/ HEART VALVE PROSTHESIS/ *HEMORRHAGE, chemically induced/ HUMAN/ OVARIAN DISEASES, chemically induced

7115. **Perloff LJ, Rowlands DT, Barker CF:** Studies of the modified venous allograft. Ann Surg 186(2):227–32, Aug 77
ALDEHYDES/ ANIMAL/ FEMALE/ *GRAFT SURVIVAL/ HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY/ PEPTIDE HYDROLASES/ RATS/ RATS, INBRED STRAINS/ TANNING/ *TISSUE PRESERVATION, methods/ TRANSPLANTATION, ALLOGENEIC/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR SURGERY/ *VEINS, transplantation/ VENA CAVA, INFERIOR, transplantation

7116. **Perona G, Cellerino R, Guidi C, et al:** Anemia emolitica associata a difetto acquisito di glutation perossidasi eritrocitaria: uso del selenito sodico per correggere il difetto enzimatico Haematologica (Pavia) 62(2):156–66, Apr 77 (Eng. Abstr.) **(Ita)**
ADULT/ ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ *ANEMIA, HEMOLYTIC, ACQUIRED, enzymology/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ *ERYTHROCYTES, enzymology/ *GLUTATHIONE PEROXIDASE, deficiency/ HEINZ BODIES/ HUMAN/ MALE/ *PEROXIDASES, deficiency/ *SELENIUM, therapeutic use

7117. **Peronace B, Marcazzan E, Colombi P, et al:** Reinterventi sulle protesi valvolari Boll Soc Ital Cardiol 20(9):1103–7, 1975 **(Ita)**
BACTERIAL INFECTIONS, etiology/ *HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS/ HUMAN/ THROMBOSIS, etiology

7118. **Perper RJ:** Mechanisms by which leukocytes emigrate and induce tissue destruction. pp. 232–42.
In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.
ANIMAL/ CARRAGEENAN/ CELL MEMBRANE, drug effects/ CELL MOVEMENT, drug effects/ CHEMOTAXIS, LEUKOCYTE/ CHLORPROMAZINE, pharmacodynamics/ CLOSTRIDIOPEPTIDASE A, metabolism/ COMPLEMENT/ GAMMA GLOBULINS, pharmacodynamics/ GUINEA PIGS/ HUMAN/ INDOMETHACIN, pharmacodynamics/ INFLAMMATION, chemically induced/ INFLAMMATION, pathology/ KINETICS/ LEUKOCYTES, enzymology/ *LEUKOCYTES, physiology/ MEFENAMIC ACID, pharmacodynamics/ MONOCYTES, physiology/

MONOGRAPH/ NEUTROPHILS, physiology/ PEPTIDE HYDROLASES, metabolism/ PERITONEAL FLUID, cytology/ PHENYLBUTAZONE, pharmacodynamics/ RABBITS/ RATS

7119. **Perrin-Fayolle M, Gilly J, Givet A:** Les complications pulmonaires de l'azotémie. A propos d'une observation de poumon urémique Poumon Coeur 32(4):169–76, 1976 (Eng. Abstr.) **(Fre)**
CAPILLARY PERMEABILITY/ CASE REPORT/ DYSPNEA, etiology/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HEMODYNAMICS/ HUMAN/ HYPOPROTEINEMIA, physiopathology/ MALE/ MIDDLE AGE/ PULMONARY ALVEOLI, blood supply/ PULMONARY EDEMA, diagnosis/ *PULMONARY EDEMA, etiology/ PULMONARY EDEMA, pathology/ RESPIRATORY DISTRESS SYNDROME, ADULT, etiology/ RESPIRATORY INSUFFICIENCY, etiology/ *UREMIA, complications/ WATER-ELECTROLYTE BALANCE

7120. **Perry HD, Mallen FJ, Sussman W:** Microhaemangiomas of the iris with spontaneous hyphaema and acute glaucoma. Br J Ophthalmol 61(2):114–6, Feb 77
AGED/ CASE REPORT/ FEMALE/ *GLAUCOMA, complications/ *HEMANGIOMA, complications/ HUMAN/ *HYPHEMA, complications/ *IRIS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ UVEAL DISEASES, complications

7121. **Perry MO:** Detection and management of deep vein thrombosis. West J Med 125(3):195–202, Sep 76
DIAGNOSTIC ERRORS/ HUMAN/ LEG, blood supply/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, prevention & control/ *THROMBOPHLEBITIS, therapy

7122. **Person JR, Rogers RS 3d:** Bullous pemphigoid and psoriasis: does subclinical bullous pemphigoid exist? Br J Dermatol 95(5):535–40, Nov 76
AGED/ BIOPSY/ CASE REPORT/ COAL TAR, adverse effects/ COMPLEMENT 3, analysis/ FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ HYDROCHLOROTHIAZIDE, adverse effects/ HYDROCHLOROTHIAZIDE, therapeutic use/ IGG, analysis/ MALE/ MIDDLE AGE/ PEMPHIGUS, chemically induced/ *PEMPHIGUS, complications/ PEMPHIGUS, immunology/ *PSORIASIS, complications/ PSORIASIS, drug therapy/ ULTRAVIOLET RAYS, adverse effects

7123. **Person JR, Rogers RS 3d, Perry HO:** Localized pemphigoid. Br J Dermatol 95(5):531–4, Nov 76
ADULT/ AGED/ BIOPSY/ CICATRIX, immunology/ CICATRIX, pathology/ COMPLEMENT 3, analysis/ FEMALE/ FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ MALE/ MIDDLE AGE/ *PEMPHIGUS/ PEMPHIGUS, classification/ PEMPHIGUS, immunology/ PEMPHIGUS, pathology

7124. **Person JR:** Systemic angioendotheliomatosis: a possible disorder of a circulating angiogenic factor. Br J Dermatol 96(3):329–31, Mar 77 (19 ref.)
*HEMANGIOENDOTHELIOMA/ HEMANGIOENDOTHELIOMA, immunology/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ REVIEW

7125. **Persson AV:** Acute arterial occlusions. Compr Ther 2(12):41–4, Dec 76
*ARTERIAL OCCLUSIVE DISEASES/ ARTERIAL OCCLUSIVE DISEASES, diagnosis/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ARTERIAL OCCLUSIVE DISEASES, pathology/ ARTERIES, pathology/ BICARBONATES, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ PHYSICAL EXAMINATION/ STREPTOKINASE, therapeutic use/ ULTRASONICS, diagnostic use

7126. **Persson BR, Darte L:** Labeling plasmin with technetium-99m for scintigraphic localization of thrombi. Int J Appl Radiat Isot 28(1–2):97–104, Jan–Feb 77
ANIMAL/ *FIBRINOLYSIN, diagnostic use/ ISOTOPE LABELING, methods/ JUGULAR VEIN/ RABBITS/ *RADIONUCLIDE IMAGING/ *TECHNETIUM, diagnostic use/ *THROMBOSIS, diagnosis

7127. **Persson U, Coutinho A, Möller G:** Regulation of in vitro immunocyte activation. Origin of and targets for cell-released inhibitors. Scand J Immunol 6(1–2):15–30, 1977
ANIMAL/ *B-LYMPHOCYTES, immunology/ CELL DIVISION/ CELLS, CULTURED/ DNA, biosynthesis/ FEMALE/ IN VITRO/ *LYMPHOCYTE TRANSFORMATION/ MACROPHAGES, immunology/ MALE/ MICE/ MICE, INBRED STRAINS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, pharmacodynamics/ SPLEEN, cytology/ *T-LYMPHOCYTES, immunology/ ULTRAFILTRATION

7128. **Pert CB, Pert A, Chang JK, et al:** (D-Ala2)-Met-enkephalinamide: a potent, long-lasting synthetic pentapeptide analgesic. Science 194(4262):330–2, 15 Oct 76
*ANALGESIA/ ANIMAL/ KINETICS/ LIGANDS/ OLIGOPEPTIDES, metabolism/ *OLIGOPEPTIDES, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ RATS/ RECEPTORS, DRUG/ STRUCTURE-ACTIVITY RELATIONSHIP

7129. **Perzanowski A, Bielawiec M, Myśliwiec M:** The influence of long-term therapy with phenformin plus metanabol on blood fibrinolytic activity, platelet adhesiveness and lipid metabolism in patients with arteriosclerosis. Folia Haematol (Leipz) 103(3):381–8, 1976
ADULT/ AGED/ ARTERIOSCLEROSIS, blood/ *ARTERIOSCLEROSIS, drug therapy/ FIBRINOLYTIC AGENTS, blood/ FIBRINOLYTIC AGENTS, pharmacodynamics/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *LIPIDS, metabolism/ LONG TERM CARE/ MALE/ *METHANDROSTENOLONE, therapeutic use/ MIDDLE AGE/ *PHENFORMIN, therapeutic use/ *PLATELET ADHESIVENESS, drug effects

7130. **Peter K, van Ackern K, Glocke M, et al:** Klinische Erfahrungen mit der Hämodilution Klin Anaesthesiol Intensivther 9:10–6, 1975 **(Ger)**
BINDING SITES/ BLOOD VISCOSITY/ CARDIAC VOLUME, drug effects/ EVALUATION STUDIES/ HEART RATE, drug effects/ HEMORRHAGE, prevention & control/ HUMAN/ OXYGEN, blood/ *PLASMA SUBSTITUTES, administration & dosage/ PLASMA SUBSTITUTES, pharmacodynamics/ PLASMA SUBSTITUTES, therapeutic use/ *PLASMA VOLUME/ PREOPERATIVE CARE

7131. **Péterfy F, Miholics E, Boros B:** Improved method for isolation of human IgM as a by-product. Ann Immunol Hung 18:123–9, 1975
AMMONIUM SULFATE, pharmacodynamics/ CHROMATOGRAPHY, GEL/ FIBRINOGEN, metabolism/ FRACTIONATION/ HUMAN/ *IGM, isolation & purification/ POLYETHYLENE GLYCOLS, pharmacodynamics/ SERUM GLOBULINS, analysis

7132. **Peters PC, Bright TC 3d:** Management of trauma to the urinary tract. Adv Surg 10:197–244, 1976
ABDOMINAL INJURIES, radiography/ *ABDOMINAL INJURIES, surgery/ ADULT/ BLADDER, injuries/ CHILD/ FEMALE/ HUMAN/ KIDNEY, injuries/ KIDNEY, surgery/ MALE/ NEPHRECTOMY, methods/ POSTOPERATIVE COMPLICATIONS, diagnosis/ RENAL ARTERY OBSTRUCTION, radiography/ RENAL ARTERY, injuries/ RUPTURE/ THROMBOSIS, radiography/ URETER, injuries/ URETER, surgery/ URETHRA, injuries/ URETHRA, surgery/ URINARY CATHETERIZATION, methods/ URINARY DIVERSION, methods/ *URINARY TRACT, injuries/ URINARY TRACT, surgery/ UROGRAPHY

7133. **Peters TG, Lewis JD, Flip DJ, et al:** Antithrombin III deficiency causing postsplenectomy mesenteric venous

thrombosis coincident with thrombocytopenia.
Ann Surg 185(2):229–31, Feb 77
ADULT/ *ALPHA GLOBULINS/ CASE REPORT/ FEMALE/ *HEPARIN CO-FACTOR/ HUMAN/ *MESENTERIC VEINS/ *POSTOPERATIVE COMPLICATIONS, blood/ POSTOPERATIVE COMPLICATIONS, etiology/ PURPURA, THROMBOPENIC, surgery/ *SPLENECTOMY, adverse effects/ *THROMBOPENIA, complications/ *THROMBOSIS, complications/ THROMBOSIS, etiology

7134. **Peters VK:** K metodike podscheta trombotsitov v kamere
Lab Delo (8):495–6, 1976 **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD CELL COUNT, methods/ *BLOOD PLATELETS/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

7135. **Petersen BH:** Constant post-irradiation repopulation rates and linear relationship between cellular blood response and number of transplanted bone marrow cells in inbred mice. Scand J Haematol 18(3):235–43, Mar 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, radiation effects/ BONE MARROW CELLS, radiation effects/ *BONE MARROW CELLS, transplantation/ GRANULOCYTES, physiology/ GRANULOCYTES, radiation effects/ *HEMATOPOIESIS, radiation effects/ LYMPHOCYTES, physiology/ LYMPHOCYTES, radiation effects/ MICE/ MICE, INBRED C3H/ MICE, INBRED DBA/ *RADIATION INJURIES, EXPERIMENTAL, physiopathology/ REGENERATION/ TRANSPLANTATION, ISOGENEIC

7136. **Petersen EA, Frey JA, Dinowitz M, et al:** Transfer of delayed hypersensitivity to mice with human immune cell extracts. pp. 387–98.
In: Ascher MS, et al., ed. Transfer factor: basic properties and clinical applications. New York, Academic Press, 1976. W3 IN9324N 1975t.
ANIMAL/ ANTIGENS/ DEOXYRIBONUCLEASE/ HUMAN/ *HYPERSENSITIVITY, DELAYED/ *IMMUNITY, CELLULAR/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, metabolism/ MICE/ MONOGRAPH/ PRONASE/ RIBONUCLEASE/ SKIN TESTS/ *TRANSFER FACTOR/ TRANSFER FACTOR, pharmacodynamics/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7137. **Petersen JK:** Haemostatika til lokal anvendelse i mundhulen
Tandlaegebladet 78(18):764–6, Sep 74 **(Dan)**
ADMINISTRATION, TOPICAL/ *HEMORRHAGE, ORAL, drug therapy/ *HEMOSTATICS, therapeutic use/ POSTOPERATIVE COMPLICATIONS, prevention & control

7138. **Petersen P:** Alcoholic hyalin, microfilaments and microtubules in alcoholic hepatitis.
Acta Pathol Microbiol Scand [A] 85(3):384–394, May 77
ADULT/ ALANINE AMINOTRANSFERASE, blood/ ALCOHOLISM, complications/ *ALCOHOLISM, pathology/ ALKALINE PHOSPHATASE, blood/ BILIRUBIN, blood/ *CYTOPLASM, ultrastructure/ FEMALE/ *HEPATITIS, TOXIC, pathology/ HUMAN/ *HYALIN SUBSTANCE/ *LIVER, ultrastructure/ MALE/ *MICROFILAMENTS, ultrastructure/ *MICROTUBULES, ultrastructure/ MIDDLE AGE/ PROTHROMBIN, analysis/ SERUM ALBUMIN, analysis

7139. **Peterson EW, Leblanc R:** A theory of the mechanism of cerebral vasospasm and its reversal, the role of calcium and cyclic AMP. Can J Neurol Sci 3(4):223–6, Nov 76
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ BLOOD PLATELETS, metabolism/ BLOOD VESSELS, drug effects/ BRAIN, blood supply/ *CALCIUM, metabolism/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ *CEREBRAL ISCHEMIA, TRANSIENT, metabolism/ DIBUTYRYL CYCLIC AMP, therapeutic use/ MODELS, NEUROLOGICAL/ MUSCLE CONTRACTION, drug effects/ MUSCLE, SMOOTH, metabolism/ PROSTAGLANDINS F, metabolism/ SEROTONIN, metabolism/ SUBARACHNOID HEMORRHAGE, complications/ THEOPHYLLINE, therapeutic use

7140. **Peterson PA, Anundi H, Curman B, et al:** Structural studies of beta2-microglobulin-associated and other MHC antigens. Cold Spring Harbor Symp Quant Biol 41 Pt 1:331–9, 1977
ANIMAL/ *BETA GLOBULINS, immunology/ *BETA 2 MICROGLOBULIN, immunology/ BETA 2 MICROGLOBULIN, metabolism/ BLASTOCYST, immunology/ BLOOD PLATELETS, immunology/ *GENES, STRUCTURAL/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY ANTIGENS, isolation & purification/ HL-A, isolation & purification/ HUMAN/ IMMUNOSORBENT TECHNICS/ LINKAGE (GENETICS)/ MEMBRANE PROTEINS, immunology/ MICE/ MOLECULAR WEIGHT/ PAPAIN, metabolism/ PROTEIN CONFORMATION/ SPERMATOZOA, immunology/ SPLEEN, immunology

7141. **Petlenko VP, Polozhentsev SD:** Dialektika protsessov fibrinoliza i svertyvaniia krovi.
Probl Gematol Pereliv Krovi 22(7):31–6, Jul 77 (14 ref.) (Eng. Abstr.) **(Rus)**
ADAPTATION, PHYSIOLOGICAL/ BIONICS/ BLOOD COAGULATION DISORDERS, physiopathology/ *BLOOD COAGULATION/ CATECHOLAMINES, physiology/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HEMOSTASIS/ HOMEOSTASIS/ HUMAN/ LOGIC/ REVIEW/ SYMPATHETIC NERVOUS SYSTEM, physiopathology/ SYSTEMS ANALYSIS/ THERMODYNAMICS

7142. **Petrishchev NN, Kiianov VI:** Vliianie vitamina K na metabolizm prokonvertina pri tireotoksikoze
Patol Fiziol Eksp Ter (3):68–9, May-Jun 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ ENGLISH ABSTRACT/ *FACTOR VII, metabolism/ *HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, metabolism/ RATS/ *VITAMIN K, therapeutic use

7143. **Petritsch PH:** Pathophysiologie der Nierenschädigung nach temporärer Ischämie und Massnahmen zu deren Verhinderung Urol Int 31(6):428–43, 1976 (Eng. Abstr.) **(Ger)**
ANIMAL/ CHLORPROMAZINE/ CREATININE, blood/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ FUROSEMIDE/ HEPARIN/ ISCHEMIA, pathology/ KIDNEY, blood supply/ KIDNEY, pathology/ *KIDNEY, transplantation/ MALE/ MANNITOL/ *ORGAN PRESERVATION/ *TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS

7144. **Petrov ML, Kozak VS:** Oshibki v diagnostike tromboflebita glubokikh ven nizhnikh konechnostei
Khirurgiia (Mosk) (8):128–31, Aug 76 **(Rus)**
AGED/ CASE REPORT/ *DIAGNOSTIC ERRORS/ HUMAN/ *LEG, blood supply/ MALE/ MOSCOW/ *THROMBOPHLEBITIS, diagnosis/ VEINS

7145. **Petrov ML, Ginzburg LS:** Sinii flebit Greguara
Khirurgiia (Mosk) (5):118, May 77 **(Rus)**
CASE REPORT/ FEMALE/ HUMAN/ MIDDLE AGE/ SYNDROME/ *THROMBOPHLEBITIS, pathology

7146. **Petrov MN, Gavrisheva NA, Filatova AM, et al:** Rol' trombotsitov v izmeneniiakh sistemy gemostaza pri sakharnom diabete Klin Med (Mosk) 54(7):119–22, Jul 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, physiology/ *DIABETES MELLITUS, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ *HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION

7147. **Petrov MN, Vashkinel' VK:** Osobennosti morfologii i funktsii trombotsitov pri mieloproliferativnykh zabolevaniiakh.

Probl Gematol Pereliv Krovi 22(5):18–23, May 77 (Eng. Abstr.) **(Rus)**
AGED/ *BLOOD PLATELETS, pathology/ BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IN VITRO/ *LEUKEMIA, MYELOCYTIC, blood/ MALE/ MIDDLE AGE/ *MYELOFIBROSIS, blood/ *PLATELET ADHESIVENESS/ *POLYCYTHEMIA VERA, blood

7148. **Petrov VP, Panasiuk IM:** Diagnostika i lechenie spontannykh gematom perednei briushnoi stenki Vestn Khir 117(8):38–40, Aug 76 (Eng. Abstr.) **(Rus)**
*ABDOMINAL WALL/ AGED/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA/ HEMATOMA, diagnosis/ HEMATOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ MUSCULAR DISEASES, diagnosis/ MUSCULAR DISEASES, surgery/ RUPTURE, SPONTANEOUS

7149. **Petrovski R, Andreevski A, Caparovski S, et al:** Endopeptidaze pankreasa u terapiji Ramsay Hunt-ovog sindroma God Zb Med Fak Skopje 22:285–9, 1976 (Eng. Abstr.) **(Scr)**
ADULT/ CASE REPORT/ *CEREBELLAR ATAXIA, drug therapy/ *CEREBELLAR DYSSYNERGIA, drug therapy/ *CHYMOTRYPSIN, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ MALE/ TETRACYCLINE, therapeutic use/ *TRYPSIN, therapeutic use

7150. **Petrovskiĭ BV:** Transfuziologiia i sovremennaia khirurgiia Sov Med (8):3–8, AUG 76 **(Rus)**
BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ PLASMA SUBSTITUTES, therapeutic use/ PROTEIN HYDROLYSATES, therapeutic use/ SHOCK, SURGICAL, therapy/ *SURGERY, OPERATIVE

7151. **Petrowicz O, Haas-Denk S, Tauber R:** Eine einfache Methode zur Registrierung hyperfibrinolytischer Zustände. Med Welt 28(19):897–8, 13 May 77 **(Ger)**
*BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS, instrumentation/ *BLOOD COAGULATION TESTS, methods/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ PHOTOMETRY/ *SERUM GLOBULINS, analysis/ SURGERY, OPERATIVE, adverse effects

7152. **Pettegrew RK, Windle WF:** Factors in recovery from spinal cord injury. Summarized transactions of a conference held May 24–25, 1976, in Granville, Ohio, under the auspices of Denison University and Help Them Walk Again Foundation. Exp Neurol 53(3):815–29, Dec 76
AGE FACTORS/ ANIMAL/ CATS/ DISEASE MODELS, ANIMAL/ DOGS/ FEMALE/ HUMAN/ HYALURONIDASE, therapeutic use/ NERVE REGENERATION/ PANCREATOPEPTIDASE, therapeutic use/ PARAPLEGIA, physiopathology/ PYROGENS, therapeutic use/ QUADRIPLEGIA, physiopathology/ RATS/ *SPINAL CORD INJURIES, physiopathology/ SPINAL CORD INJURIES, surgery/ *SPINAL CORD INJURIES, therapy/ SPINAL CORD NEOPLASMS, surgery/ TRYPSIN, therapeutic use

7153. **Petz R, Büchner HJ:** Zu einigen praktisch wichtigen Fragen des enossalen Kieferhämangioms Stomatol DDR 26(9):604–11, Sep 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ BONE AND BONES, transplantation/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MANDIBLE, surgery/ *MANDIBULAR NEOPLASMS, diagnosis/ METHODS/ OSTEOTOMY/ TRANSPLANTATION, AUTOLOGOUS

7154. **Petz R, Ježková Z:** Stress and experimental atherosIcerosis. Physiol Bohemoslov 25(4):375–9, 1976
ANIMAL/ ANTIBODY FORMATION/ ARTERIOSCLEROSIS, chemically induced/ *ARTERIOSCLEROSIS, immunology/ CHOLESTEROL, DIETARY/ DIET, ATHEROGENIC/ RABBITS/ *STRESS, immunology

7155. **Petz R, Viktora L:** Vliv rotujicího magnetického pole 20mT na myši zbavené sleziny Vnitr Lek 23(2):141–5, Feb 77 (Eng. Abstr.) **(Cze)**
ANIMAL/ BLOOD PLATELETS/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ LEUKOCYTE COUNT/ *MAGNETICS/ MICE/ RETICULOCYTES/ *ROTATION/ *SPLENECTOMY/ TIME FACTORS

7156. **Peyman GA, Batko KA, Meisels HI, et al:** Cryocoagulation of retinal vessels: an experimental model of intravascular coagulation. Ann Ophthalmol 9(2):209–24, Feb 77
ANIMAL/ BLOOD COAGULATION/ CRYOGENIC SURGERY/ DISEASE MODELS, ANIMAL/ *FREEZING/ HEMOSTATIC TECHNICS/ MICROSCOPY, ELECTRON/ MODELS, BIOLOGICAL/ RABBITS/ *RETINAL VESSELS/ RETINAL VESSELS, ultrastructure/ THROMBOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7157. **Pezzimenti JF, Kim HC, Lindenbaum J:** Erythroleukemia-like syndrome due to busulfan toxicity in polycythemia vera. Cancer 38(6):2242–6, Dec 76
ADULT/ *BONE MARROW DISEASES, chemically induced/ BONE MARROW, drug effects/ BONE MARROW, pathology/ *BUSULFAN, adverse effects/ BUSULFAN, therapeutic use/ CASE REPORT/ *ERYTHROLEUKEMIA, chemically induced/ ERYTHROLEUKEMIA, complications/ FEMALE/ HUMAN/ POLYCYTHEMIA VERA, complications/ *POLYCYTHEMIA VERA, drug therapy/ REMISSION/ SYNDROME/ THROMBOCYTOSIS, drug therapy

7158. **Pfanzelt R, Schassan HH:** Methodischer Beitrag zu einigen Pathogenitätsfaktoren von Staphylokokken Zentralbl Bakteriol [Orig A] 235(1–3):357–60, Aug 76 **(Ger)**
COAGULASE, analysis/ DEOXYRIBONUCLEASE, analysis/ HEMOLYSINS, analysis/ MANNITOL, metabolism/ STAPHYLOCOCCUS, classification/ *STAPHYLOCOCCUS, pathogenicity

7159. **Pfeffer SR, Stahl SJ, Chamberlin MJ:** Binding of Escherichia coli RNA polymerase to T7 DNA. Displacement of holoenzyme from promoter complexes by heparin. J Biol Chem 252(15):5403–7, 10 Aug 77
BINDING SITES/ COLIPHAGES/ *DNA, VIRAL, metabolism/ *ESCHERICHIA COLI, enzymology/ *HEPARIN, pharmacodynamics/ KINETICS/ PROTEIN BINDING/ *RNA POLYMERASES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7160. **Pflug JJ, Melrose DG:** Prevention of thromboembolic disease in surgery. Vasa 5(1):63–9, 1976
AIR PRESSURE/ HUMAN/ SHOES/ *SURGERY, OPERATIVE, adverse effects/ *THROMBOEMBOLISM, prevention & control

7161. **Pflüger H, Lunglmayr G, Breitenecker G:** Vaso-Vasoanastomose unter Verwendung von Fibrinogenkonzentraten: Versuche an Kaninchen Wien Klin Wochenschr 88(24):800–3, 24 Dec 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ ENGLISH ABSTRACT/ FACTOR VIII/ FIBRINOGEN/ METHODS/ RABBITS/ THROMBIN/ *TISSUE ADHESIVES/ *VAS DEFERENS, surgery

7162. **Pfueller SL, Jenkins CS, Lüscher EF:** A comparative study of the effect of modification of the surface of human platelets on the receptors for aggregated immunoglobulins and for ristocentin-von Willebrand factor. Biochim Biophys Acta 465(3):614–26, 17 Mar 77
A-23187, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ AGGLUTINATION, drug effects/ BINDING SITES/ *BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ COMPARATIVE STUDY/ HUMAN/ *IGG, metabolism/ PEPTIDE HYDROLASES, pharmacodynamics/ *RECEPTORS, DRUG/ RECEPTORS, DRUG, drug effects/ RISTOCETIN/ *VON WILLEBRAND FACTOR

7163. **Pfueller SL, Weber S, Lüscher EF:** Studies of the mechanism of the human platelet release reaction induced by

immunologic stimuli. III. Relationship between the binding of soluble IgG aggregates to the Fc receptor and cell response in the presence and absence of plasma. J Immunol 118(2):514–24, Feb 77
ANTIGEN–ANTIBODY COMPLEX/ BENZIDINES, immunology/ *BINDING SITES, ANTIBODY/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CATIONS, DIVALENT/ CELL SURVIVAL/ CHROMATOGRAPHY, GEL/ FORMALDEHYDE, pharmacodynamics/ HUMAN/ IGG, analysis/ *IGG, metabolism/ *IMMUNITY, CELLULAR/ *IMMUNOGLOBULINS, FC/ PLASMA, immunology/ PLATELET AGGREGATION/ SOLUBILITY/ SULFHYDRYL REAGENTS, pharmacodynamics/ TEMPERATURE/ TIME FACTORS

7164. **Philip B, Kurup PA:** Cortisol and lysosomal stability in normal and atheromatous rats. Atherosclerosis 27(2):129–39, Jun 77
ANIMAL/ AORTA, pathology/ *ARTERIOSCLEROSIS, enzymology/ *ATHEROMA, enzymology/ ATHEROMA, pathology/ CHOLESTEROL, DIETARY, administration & dosage/ COMPARATIVE STUDY/ DIET/ DIET, ATHEROGENIC/ GLUCURONIDASE, antagonists & inhibitors/ *GLUCURONIDASE, metabolism/ *HYDROCORTISONE, pharmacodynamics/ IN VITRO/ LIVER, pathology/ *LYSOSOMES, enzymology/ MALE/ RATS/ SUBCELLULAR FRACTIONS, enzymology

7165. **Philipp H, Böhm N, Lesch R, et al:** Akute Lebervenenverschlusskrankheit mit Pfortaderthrombose, Milzruptur und Leberversagen Med Welt 28(12):587–90, 25 MAR 77 **(Ger)**
CASE REPORT/ FEMALE/ *HEPATIC COMA, complications/ *HEPATIC VEIN THROMBOSIS, complications/ HUMAN/ LIVER, pathology/ MIDDLE AGE/ PORTAL VEIN/ *SPLENIC RUPTURE, complications/ *THROMBOSIS, complications/ VENOUS INSUFFICIENCY, complications

7166. **Philipp T:** Das Stauffer-Syndrom Dtsch Med Wochenschr 101(49):1809–10, 3 Dec 76 **(Ger)**
*ADENOCARCINOMA, complications/ ADENOCARCINOMA, enzymology/ ALKALINE PHOSPHATASE, blood/ BLOOD COAGULATION TESTS/ HUMAN/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, enzymology/ *LIVER DISEASES, complications/ LIVER DISEASES, enzymology/ SYNDROME

7167. **Phillips DR, Agin PP:** Platelet plasma membrane glycoproteins. Evidence for the presence of nonequivalent disulfide bonds using nonreduced–reduced two-dimensional gel electrophoresis. J Biol Chem 252(6):2121–6, 25 Mar 77
ADULT/ BINDING SITES/ *BLOOD PLATELETS, analysis/ DISULFIDES, blood/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *GLYCOPROTEINS, blood/ HUMAN/ IODOPROTEINS/ LACTOPEROXIDASE/ *MEMBRANE PROTEINS, blood/ MOLECULAR WEIGHT/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7168. **Phillips DR, Agin PP:** Platelet plasma membrane glycoproteins. Identification of a proteolytic substrate for thrombin. Biochem Biophys Res Commun 75(4):940–7, 25 Apr 77
*BLOOD PLATELETS, metabolism/ BOROHYDRIDES/ *CELL MEMBRANE, metabolism/ GALACTOSE OXIDASE/ GLYCOPEPTIDES/ *GLYCOPROTEINS/ GLYCOPROTEINS, blood/ HUMAN/ *MEMBRANE PROTEINS/ MEMBRANE PROTEINS, blood/ MOLECULAR WEIGHT/ NEURAMINIDASE/ *THROMBIN/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7169. **Phillips DR, Jakábová M:** Ca2+-dependent protease in human platelets. Specific cleavage of platelet polypeptides in the presence of added Ca2+. J Biol Chem 252(16):5602–5, 25 Aug 77
*BLOOD PLATELETS, enzymology/ *CALCIUM, pharmacodynamics/ CASEIN/ ENZYME ACTIVATION, drug effects/ HUMAN/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7170. **Phillips DR, Agin PP:** Platelet membrane defects in Glanzmann's thrombasthenia. Evidence for decreased amounts of two major glycoproteins. J Clin Invest 60(3):535–45, Sep 77
*BLOOD PLATELET DISORDERS, familial & genetic/ *BLOOD PLATELETS, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS, analysis/ CELL MEMBRANE, analysis/ CHROMATOGRAPHY, AFFINITY/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ FEMALE/ *GLYCOPROTEINS, blood/ HEMORRHAGE/ HUMAN/ IODINE RADIOISOTOPES/ ISOTOPE LABELING/ MALE/ *PURPURA, THROMBOPENIC, familial & genetic/ STAINS AND STAINING/ TRITIUM/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7171. **Phillips JD, O'Shea MJ:** A new coagulation defect associated with a case of melanomatosis. J Clin Pathol 30(6):547–50, Jun 77
ADULT/ *BLOOD COAGULATION DISORDERS, etiology/ CASE REPORT/ *FACTOR XI DEFICIENCY, etiology/ FEMALE/ HUMAN/ MELANIN, urine/ *MELANOMA, complications/ PROTHROMBIN TIME

7172. **Phillips LH, Whisnant JP, Reagan TJ:** Sudden death from stroke. Stroke 8(3):392–5, May–Jun 77
ADULT/ AGED/ CEREBRAL EMBOLISM AND THROMBOSIS, mortality/ CEREBRAL HEMORRHAGE, mortality/ *CEREBROVASCULAR DISORDERS, mortality/ *DEATH, SUDDEN/ FEMALE/ HUMAN/ HYPERTENSION, mortality/ MALE/ MIDDLE AGE/ MINNESOTA/ SUBARACHNOID HEMORRHAGE, mortality/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, administration & dosage

7173. **Phillips MJ, Harkness J:** Plasma and whole blood viscosity. Br J Haematol 34(3):347–52, Nov 76
*BLOOD VISCOSITY/ CAPILLARITY/ ERYTHROCYTE AGGREGATION/ ERYTHROCYTES, physiology/ FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN

7174. **Phillips V, de Tribolet N, Papaioannou J, et al:** Résultats de la chirurgie des lésions obstructives sours-clavières Praxis 65(46):1443–5, 16 Nov 76 (Eng. Abstr.) **(Fre)**
ARM, blood supply/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ ARTERIOSCLEROSIS, complications/ ENGLISH ABSTRACT/ HUMAN/ ISCHEMIA, etiology/ SUBCLAVIAN ARTERY/ SUBCLAVIAN STEAL SYNDROME, surgery/ TAKAYASU SYNDROME, complications/ THROMBOEMBOLISM, complications

7175. **Phillips WA, Ratchford JM, Schultz JR:** Effects of colestipol hydrochloride on drug absorption in the rat II. J Pharm Sci 65(9):1285–91, Sep 76
ANIMAL/ CELLULOSE, pharmacodynamics/ CHLORPROMAZINE, blood/ CHOLESTYRAMINE, pharmacodynamics/ CLOFIBRATE, blood/ *COLESTIPOL, pharmacodynamics/ COMPARATIVE STUDY/ DIGITOXIN, blood/ DIGOXIN, blood/ *DRUGS, metabolism/ HYDROCHLOROTHIAZIDE, blood/ *INTESTINAL ABSORPTION, drug effects/ MALE/ NICOTINIC ACIDS, blood/ PHENOBARBITAL, blood/ *POLYAMINES, pharmacodynamics/ RATS/ TETRACYCLINE, blood/ WARFARIN, blood

7176. **P'ianov RP:** Fetal'nyĭ tromboendokardit i ego sviaz' s fibroelastozom endokarda Pediatriia (4):53–5, Apr 77 (Eng. Abstr.) **(Rus)**
ADULT/ CASE REPORT/ *ENDOCARDIAL FIBROELASTOSIS, complications/ ENDOCARDITIS, congenital/ *ENDOCARDITIS, embryology/ ENGLISH ABSTRACT/ FEMALE/

*FETAL DISEASES/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE/ *THROMBOSIS, embryology

7177. **Piazza L, Cardino L, Giordano O:** Trattamento di un caso di pancreatite acuta mediante perfusione in loco di inibitori della callicreina Minerva Anestesiol 42(12):863–6, Dec 76 (Eng. Abstr.) **(Ita)**
ACUTE DISEASE/ ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, drug therapy/ PERFUSION, methods

7178. **Picard JD, Buy JN:** Les indications de la phlébographie dans les thromboses veineuses des membres Rev Prat 27(21):1321–32, 11 Apr 77 (Eng. Abstr.) **(Fre)**
ACUTE DISEASE/ CHILD/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ NEOPLASMS, radiography/ PHLEBOGRAPHY/ PULMONARY EMBOLISM, radiography/ *THROMBOPHLEBITIS, radiography

7179. **Picard L, Robert J, André JM, et al:** Embolization with iodine 131-marked Spongel. Technique, indications and results. J Neuroradiol 3(1):53–74, Mar 76 **(Eng, Fre)**
ADOLESCENCE/ AGED/ ARTERIOVENOUS FISTULA, therapy/ BRAIN NEOPLASMS, therapy/ CAROTID ARTERY DISEASES, therapy/ CAVERNOUS SINUS/ *EMBOLIZATION, THERAPEUTIC/ EMBOLIZATION, THERAPEUTIC, adverse effects/ EMBOLIZATION, THERAPEUTIC, methods/ FIBROMA, therapy/ FIBROSARCOMA, therapy/ *GELATIN, therapeutic use/ HEMANGIOMA, therapy/ HUMAN/ *IODINE RADIOISOTOPES, diagnostic use/ MALE/ MENINGIOMA, therapy/ NASOPHARYNGEAL NEOPLASMS, therapy/ OCCIPITAL LOBE/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, therapy

7180. **Pichard AL, Cheung WY:** Cyclid 3':5'-nucleotide phosphodiesterase. Interconvertible multiple forms and their effects on enzyme activity and kinetics.
J Biol Chem 251(18):5726–37, 25 Sep 76
ANIMAL/ BLOOD PLATELETS, enzymology/ CATTLE/ CEREBRAL CORTEX, enzymology/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE/ HUMAN/ KINETICS/ LIVER, enzymology/ MACROMOLECULAR SYSTEMS/ MALE/ MOLECULAR WEIGHT/ ORGAN SPECIFICITY/ PHOSPHODIESTERASES, blood/ *PHOSPHODIESTERASES, metabolism/ RATS/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, blood/ *3',5'-CYCLIC AMP PHOSPHODIESTERASE, metabolism

7181. **Pichler M, Kleinberger G, Kotzaurek R, et al:** Disseminierte intravasale Gerinnung. Diagnose, Therapie und Prognose an der internistischen Intensivstation. Anaesthesist 26(6):274–8, Jun 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ INTENSIVE CARE UNITS/ NEOPLASMS, complications/ PLASMA SUBSTITUTES, therapeutic use/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, diagnosis/ PREGNANCY/ PROGNOSIS/ SEPTICEMIA, complications/ TIME FACTORS

7182. **Pichler M, Kleinberger G, Kotzaurek R, et al:** Disseminierte intravasale Gerinnung: Diagnose und Therapie an der internistischen Intensivstation.
Acta Med Austriaca® [Suppl] (3):214–6, 1976 **(Ger)**
ACID-BASE EQUILIBRIUM/ BLOOD TRANSFUSION/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ INTENSIVE CARE UNITS/ TIME

7183. **Pick R, Glick G:** Effects of propranolol, minoxidil, and clofibrate on cholesterol-induced atherosclerosis in stumptail macaques (Macaca arctoides). Atherosclerosis 27(1):71–7, May 77
ANIMAL/ AORTA, pathology/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ ATHEROSCLEROSIS, pathology/ CHOLESTEROL, blood/ CLOFIBRATE, pharmacodynamics/ CORONARY DISEASE, pathology/ CORONARY VESSELS, pathology/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ MACACA/ MALE/ *MINOXIDIL, pharmacodynamics/ MONKEYS/ *PROPRANOLOL, pharmacodynamics/ *PYRIMIDINES, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7184. **Pickart L, Thaler MM:** Alteration in biological properties of human albumin during storage.
Biochem Biophys Res Commun 74(3):961–8, 7 Feb 77
ACETATES, metabolism/ *ALBUMINS/ ALBUMINS, pharmacodynamics/ ANIMAL/ DRUG STABILITY/ FACTOR V, pharmacodynamics/ HUMAN/ IN VITRO/ LIPIDS, biosynthesis/ LIVER, drug effects/ LIVER, metabolism/ RATS/ *SERUM ALBUMIN/ SERUM ALBUMIN, pharmacodynamics/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7185. **Pickett WC, Jesse RL, Cohen P:** Initiation of phospholipase A2 activity in human platelets by the calcium ion ionophore A23187. Biochim Biophys Acta 486(1):209–13, 18 Jan 76
*A-23187, pharmacodynamics/ *ANTIBIOTICS, pharmacodynamics/ ARACHIDONIC ACIDS, blood/ *BLOOD PLATELETS, enzymology/ CALCIUM, pharmacodynamics/ EGTA, pharmacodynamics/ HUMAN/ OXYGEN CONSUMPTION, drug effects/ *PHOSPHOLIPASE, blood/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7186. **Pickett WC, Jesse RL, Cohen P:** Trypsin-induced phospholipase activity in human platelets. Biochem J 160(2):405–8, 15 Nov 76
ARACHIDONIC ACIDS, metabolism/ *BLOOD PLATELETS, metabolism/ EGTA, pharmacodynamics/ HUMAN/ OXYGEN CONSUMPTION/ *PHOSPHOLIPASE, metabolism/ PLATELET AGGREGATION, drug effects/ THROMBIN, antagonists & inhibitors/ THROMBIN, pharmacodynamics/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7187. **Pickup JF, Harris EK, Kearns M, et al:** Intra-individual variation of some serum constituents and its relevance to population-based reference ranges. Clin Chem 23(5):842–50, May 77
ADULT/ ANALYSIS OF VARIANCE/ *BLOOD CHEMICAL ANALYSIS/ BLOOD CHEMICAL ANALYSIS, methods/ BLOOD PRESERVATION/ BLOOD PROTEINS, analysis/ CALCIUM, blood/ HUMAN/ MALE/ MIDDLE AGE/ NORMAL VALUES/ REGRESSION ANALYSIS/ TIME FACTORS

7188. **Picotti GB, Carruba MO, Zambotti F, et al:** Effects of mazindol and d-fenfluramine of 5-hydroxytryptamine uptake, storage and metabolism in blood platelets.
Eur J Pharmacol 42(3):217–24, 7 Apr 77
ANIMAL/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ COMPARATIVE STUDY/ FEMALE/ *FENFLURAMINE, pharmacodynamics/ GUINEA PIGS/ IN VITRO/ *INDOLES, pharmacodynamics/ KINETICS/ MALE/ *MAZINDOL, pharmacodynamics/ *SEROTONIN, blood

7189. **Pidrman V, Hamet A, Gregor J:** The advantages of using intensive care units (ICU) in the treatment of complications of acute myocardial infarction.

Sb Ved Pr Lek Fak Karlovy Univ 19(3-4):257-61, 1976
AGED/ ARRHYTHMIA, etiology/ ARRHYTHMIA, therapy/ FEMALE/ HEART ARREST, etiology/ HEART ARREST, therapy/ HUMAN/ *INTENSIVE CARE UNITS/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, therapy

7190. **Piepgras DG:** Factors influencing postoperative vascular patency. Clin Neurosurg 23:310-7, 1976
BISHYDROXYCOUMARIN, therapeutic use/ BLOOD VESSELS, physiology/ *CEREBRAL ARTERIES, surgery/ DEXTRAN, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ RHEOLOGY/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7191. **Piepgras DG, Sundt TM Jr:** Clinical and laboratory experience with heparin-impregnated silicone shunts for carotid endarterectomy. Ann Surg 184(5):637-41, Nov 76
AGED/ ANIMAL/ ARTERIAL OCCLUSIVE DISEASES, surgery/ *BLOOD VESSEL PROSTHESIS, adverse effects/ CAROTID ARTERY DISEASES, complications/ *CAROTID ARTERY DISEASES, surgery/ CASE REPORT/ CEREBRAL ISCHEMIA, TRANSIENT, complications/ DOGS/ *ENDARTERECTOMY/ HEPARIN, therapeutic use/ HUMAN/ MALE/ SILICONES/ *THROMBOSIS, etiology/ THROMBOSIS, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7192. **Pierce AK, Robertson J:** Pulmonary complications of general surgery. Annu Rev Med 28:211-21, 1977 (87 ref.)
ANESTHESIA/ ANIMAL/ *ANOXEMIA, etiology/ ANOXEMIA, therapy/ *ATELECTASIS, etiology/ ATELECTASIS, therapy/ FUNCTIONAL RESIDUAL CAPACITY/ HUMAN/ HYPERTENSION, PULMONARY/ LUNG COMPLIANCE/ POSTOPERATIVE CARE/ PREANESTHETIC MEDICATION, adverse effects/ *REGURGITATION, GASTRIC, etiology/ REGURGITATION, GASTRIC, prevention & control/ RESPIRATION/ *RESPIRATORY INSUFFICIENCY, etiology/ REVIEW/ RISK/ *SURGERY, OPERATIVE, adverse effects/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, therapy

7193. **Pierce L:** Anatomy and physiology of the liver in relation to clinical assessment. Nurs Clin North Am 12(2):259-73, Jun 77
BILE ACIDS AND SALTS, biosynthesis/ BILE DUCTS, physiology/ BILIRUBIN, metabolism/ BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD PROTEINS, biosynthesis/ BLOOD SUGAR, metabolism/ DEAMINATION/ FATTY ACIDS, metabolism/ HUMAN/ KREBS CYCLE/ LIVER CIRCULATION/ *LIVER DISEASES, diagnosis/ LIVER DISEASES, nursing/ LIVER, anatomy & histology/ LIVER, metabolism/ *LIVER, physiology/ LYMPHATIC SYSTEM, physiology/ MEDICAL HISTORY TAKING/ PHAGOCYTOSIS/ PHOSPHOLIPIDS, biosynthesis/ PHYSICAL EXAMINATION

7194. **Pierre-Louis C:** Case profile: angiographic view of delayed subcapsular hematoma after renal trauma. Urology 9(5):579, May 77
ADULT/ CASE REPORT/ *HEMATOMA, etiology/ HEMATOMA, radiography/ HUMAN/ *KIDNEY DISEASES, etiology/ KIDNEY DISEASES, radiography/ *KIDNEY, injuries/ KIDNEY, radiography/ MALE/ *WOUNDS, GUNSHOT, complications

7195. **Piessens WF, Remold HG, David JR:** Increased responsiveness to macrophage-activating factor (MAF) after alteration of macrophage membranes. J Immunol 118(6):2078-82, Jun 77
ANIMAL/ ANTITHROMBINS, pharmacodynamics/ CELL MEMBRANE, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ GUINEA PIGS/ *LYMPHOKINES, pharmacodynamics/ *MACROPHAGES, immunology/ MIGRATION INHIBITORY FACTOR, pharmacodynamics/ SULFANILIC ACID, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7196. **Pietri P, Alagni G:** Evoluzione delle protesi in chirurgia vascolare. Minerva Med 68(31):2151-8, 23 Jun 77 **(Ita)**
AORTA, surgery/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ *BLOOD VESSEL PROSTHESIS/ FEMORAL ARTERY, surgery/ FOLLOW-UP STUDIES/ HUMAN/ POLYETHYLENE TEREPHTHALATE/ POPLITEAL ARTERY, surgery/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ SILICONE ELASTOMERS/ SURGICAL WOUND DEHISCENCE/ THROMBOSIS, etiology

7197. **Pigareva MI, Beliaeva NF, Starosel'tseva LK:** Vydelenie ostrovkov Langergansa iz podzheludochnoĭ zhelezy krys i opredelenie v nikh proteoliticheskoĭ aktivnosti Vopr Med Khim 22(1):137-40, Jan-Feb 76 (Eng. Abstr.) **(Rus)**
AMYLASE, analysis/ ANIMAL/ CARBOXYPEPTIDASES, analysis/ CENTRIFUGATION/ CULTURE MEDIA/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ ISLANDS OF LANGERHANS, analysis/ *ISLANDS OF LANGERHANS, enzymology/ *PEPTIDE HYDROLASES, analysis/ RATS/ TISSUE EXTRACTS, isolation & purification

7198. **Piggott CO, Fottrell PF:** Relationship between peptide hydrolases in brush-border and cytosol fractions of guinea-pig intestinal mucosa. Biochem Soc Trans 4(5):862-3, 1976
ANIMAL/ CYTOSOL, enzymology/ GUINEA PIGS/ *INTESTINAL MUCOSA, enzymology/ INTESTINE, SMALL, enzymology/ KINETICS/ *PEPTIDE HYDROLASES, metabolism/ SUBCELLULAR FRACTIONS, enzymology

7199. **Piguet H:** Phlébites révélatrices d'hémopathies Phlebologie 29(2):103-16, Apr-Jun 76 (48 ref.) (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ ANEMIA, complications/ ANEMIA, APLASTIC, complications/ BLOOD COAGULATION DISORDERS, complications/ BLOOD PLATELET DISORDERS, complications/ BLOOD PROTEIN DISORDERS, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOLOGIC DISEASES, complications/ HODGKIN'S DISEASE, complications/ HUMAN/ LEUKEMIA, complications/ LYMPHOSARCOMA, complications/ MALE/ MIDDLE AGE/ *PHLEBITIS, etiology/ POLYCYTHEMIA, complications/ REVIEW

7200. **Pillar NB:** The effect of coumarin on the liver weight of thermally injured rats. Res Exp Med (Berl) 169(1):29-32, 25 Nov 76
ANIMAL/ *BURNS/ *COUMARINS, pharmacodynamics/ FEMALE/ *LIVER, drug effects/ ORGAN WEIGHT/ PHAGOCYTOSIS, drug effects/ RATS/ RETICULOENDOTHELIAL SYSTEM, drug effects

7201. **Piller G, Druml W, Höcker P, et al:** Der Einsatz des Zellseparators zur Behandlung der Hemmkörperhämophilie. Verh Dtsch Ges Inn Med 82 Pt 2:1654-9, 1976 **(Ger)**
*CELL SEPARATION, instrumentation/ *FACTOR VIII, antagonists & inhibitors/ *HEMOPHILIA, therapy/ HUMAN/ MALE/ PLASMAPHERESIS, methods

7202. **Piller NB:** A comparison of the effect of benzopyrones and other drugs with anti-inflammatory properties on acid and neutral protease activity levels in various tissues after thermal injury. Br J Exp Pathol 57(4):411-8, Aug 76
*BENZOPYRANS, pharmacodynamics/ *BURNS, enzymology/ COUMARINS, pharmacodynamics/ EDEMA, enzymology/ ESCIN, pharmacodynamics/ EXTRACELLULAR SPACE, enzymology/ HINDLIMB, injuries/ LEVAMISOLE, pharmacodynamics/ MUSCLES, enzymology/ PEPTIDE HYDROLASES, blood/ *PEPTIDE HYDROLASES, metabolism/ RUTIN,

pharmacodynamics/ SKIN, enzymology/ TIME FACTORS

7203. **Piller NB:** The influence of coumarin on blood levels of radio labelled protein and radio labelled poly-vinyl-pyrrolidone in thermally injured rats. Res Exp Med (Berl) 168(3):165–72, 29 Oct 76
ANIMAL/ BLOOD PROTEINS/ *BURNS, blood/ *COUMARINS, pharmacodynamics/ FEMALE/ PHAGOCYTOSIS, drug effects/ POLYVINYLPYRROLIDONE/ RATS/ *RETICULOENDOTHELIAL SYSTEM, drug effects

7204 **Piller NB:** Conservative treatment of acute and chronic lymphoedema with benzo-pyrones. Lymphology 9(4):132–7, Dec 76
COLLAGEN, metabolism/ *COUMARINS, therapeutic use/ DRUG COMBINATIONS/ HUMAN/ LYMPH, metabolism/ *LYMPHEDEMA, drug therapy/ LYMPHEDEMA, metabolism/ PROTEINS, metabolism/ *RUTIN, analogs & derivatives/ RUTIN, therapeutic use

7205. **Piller NB, Clodius L:** The use of a tissue tonometer as a diagnostic aid in extremity lymphoedema: a determination of its conservative treatment with benzo-pyrones. Lymphology 9(4):127–32, Dec 76
*COUMARINS, therapeutic use/ DRUG COMBINATIONS/ HUMAN/ *LYMPHEDEMA, diagnosis/ LYMPHEDEMA, drug therapy/ MANOMETRY/ *RUTIN, analogs & derivatives/ RUTIN, therapeutic use

7206. **Piller NB:** The action of the benzopyrones on an experimental model of lymphoedema: a contribution to their mode of action. Br J Exp Pathol 57(6):713–21, Dec 76
AMINO ACIDS, metabolism/ ANIMAL/ *BENZOPYRANS, therapeutic use/ BLOOD PROTEINS, metabolism/ DISEASE MODELS, ANIMAL/ FEMALE/ HYDROXYPROLINE, metabolism/ *LYMPHEDEMA, drug therapy/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES, metabolism/ RATS/ SKIN, metabolism

7207. **Piller NB:** Tissue levels of (3(–14)C) coumarin in the rat: distribution and excretion. Br J Exp Pathol 58(1):28–34, Feb 77
ANIMAL/ *COUMARINS, metabolism/ COUMARINS, urine/ FECES, analysis/ FEMALE/ KIDNEY, metabolism/ LIVER, metabolism/ RATS/ TIME FACTORS

7208. **Piller NB:** The influence of coumarin on tissue levels of radio-labelled plasma protein and povidone (polyvinylpyrrolidine) in normal and thermally injured rats. Clin Exp Pharmacol Physiol 3(6):523–30, Nov-Dec 76
ANIMAL/ *BLOOD PROTEINS, metabolism/ *BURNS, metabolism/ *COUMARINS, pharmacodynamics/ COUMARINS, therapeutic use/ EDEMA, prevention & control/ FEMALE/ LEG/ *MUSCLES, metabolism/ *POLYVINYLPYRROLIDONE, metabolism/ RATS/ TIME FACTORS

7209. **Piller NB:** Further evidence for the induction of proteolysis by coumarin in rats with various high-protein oedemas. Arzneim Forsch 27(4):860–4, 1977
ANIMAL/ BURNS, metabolism/ CHEMISTRY/ CHROMIUM RADIOISOTOPES/ *COUMARINS, pharmacodynamics/ *EDEMA, metabolism/ FEMALE/ LYMPHEDEMA, metabolism/ *PROTEINS, metabolism/ RATS/ TIME FACTORS/ TRICHLOROACETIC ACID

7210. **Piller NB:** Variations in acid and neutral protease activity of rats with thermal oedema together with the influence of various benzopyrones. Arzneim Forsch 27(5):1069–73, 1977
ANIMAL/ *BENZOPYRANS, pharmacodynamics/ BENZOPYRANS, therapeutic use/ BURNS, drug therapy/ *BURNS, enzymology/ COMPARATIVE STUDY/ COUMARINS, pharmacodynamics/ FEMALE/ PEPTIDE HYDROLASES, blood/ *PEPTIDE HYDROLASES, metabolism/ RATS/ *SKIN, enzymology

7211. **Piller NB:** The influence of various benzo-pyrones on acid and neutral protease activity levels, the cells from which they may arise and their importance in the resolution of lymphoedema. Res Exp Med (Berl) 170(2):115–24, 29 Jun 77
ANIMAL/ *COUMARINS, pharmacodynamics/ ENZYME REPRESSION, drug effects/ EXTRACELLULAR SPACE, enzymology/ FEMALE/ *LYMPHEDEMA, enzymology/ *PEPTIDE HYDROLASES, blood/ RATS/ SKIN, enzymology/ TIME FACTORS

7212. **Piller NB, Schmitt LH:** An electrophoretic investigation of the binding of 3–14C coumarin to rat serum proteins. Experientia 33(8):1072–4, 15 Aug 77
ALPHA GLOBULINS, metabolism/ ANIMAL/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS, metabolism/ *COUMARINS, metabolism/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ GAMMA GLOBULINS, metabolism/ PREALBUMIN, metabolism/ PROTEIN BINDING/ RATS/ SERUM ALBUMIN, metabolism/ TRANSFERRIN, metabolism

7213. **Piller NB:** An integration of the modes of action of coumarin. An explanation of its effectiveness as a therapy for thermally injured tissue. Arzneim Forsch 27(6):1135–8, 1977
ANIMAL/ BLOOD PRESSURE, drug effects/ *BURNS, drug therapy/ COUMARINS, metabolism/ *COUMARINS, pharmacodynamics/ COUMARINS, therapeutic use/ MACROPHAGES, drug effects/ OXYGEN CONSUMPTION, drug effects/ PHAGOCYTOSIS, drug effects/ PLATELET AGGREGATION, drug effects/ PROTEIN BINDING, drug effects/ RABBITS/ RATS/ THROMBOEMBOLISM, drug therapy

7214. **Piller NP:** Benzopyrone treatment of mild thermal oedema: determination of the most effective doses. Arzneim Forsch 27(6):1138–41, 1977
ANIMAL/ BINDING SITES, drug effects/ *BURNS, complications/ BURNS, drug therapy/ COUMARINS, administration & dosage/ COUMARINS, pharmacodynamics/ *COUMARINS, therapeutic use/ DRUG COMBINATIONS/ DRUG EVALUATION/ *EDEMA, drug therapy/ EDEMA, etiology/ HUMAN/ RATS/ RUTIN, administration & dosage/ RUTIN, therapeutic use

7215. **Pillot P:** Phlébite et maladie lupique Phlebologie 30(1):99–100, Jan–Mar 77 **(Fre)**
CASE REPORT/ CHILD/ FEMALE/ *FEMORAL VEIN/ FEMORAL VEIN, surgery/ HUMAN/ *LEG, blood supply/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ PHLEGMASIA ALBA DOLENS, etiology/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, surgery

7216. **Pilotti G, Brizio E, Pennacino G, et al:** Emangioma gigante con piastrinopenia: sindrome di Kasabach-Merritt Minerva Pediatr 28(14):849–55, 21 Apr 76 **(Ita)**
CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HEMANGIOMA, blood/ *HEMANGIOMA, complications/ HUMAN/ INFANT/ SKIN NEOPLASMS, blood/ *SKIN NEOPLASMS, complications/ *THROMBOPENIA, etiology

7217. **Pilz P, Erhart P:** Aneurysma dissecans des Halsteiles der Arteria vertebralis im Rahmen einer generalisierten nekrotisierenden Arteriitis Wien Med Wochenschr 127(2):64–7, 1977 **(Ger)**
ADULT/ *ANEURYSM, DISSECTING, etiology/ ARTERITIS, chemically induced/ *ARTERITIS, complications/ CASE REPORT/ CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ FEMALE/ HUMAN/ PAPILLEDEMA, etiology/ THROMBOSIS, etiology/ *VERTEBRAL ARTERY

7218. **Pimstone BL, Berelowitz M, Kronheim S:** Somatostatin, 1976. S Afr Med J 50(38):1471–4, 4 Sep 76 (59 ref.)
ANIMAL/ BLOOD COAGULATION, drug effects/ BRAIN CHEMISTRY/ DEPRESSION, CHEMICAL/ GASTROINTESTINAL HORMONES, secretion/ HUMAN/ ISLANDS OF LANGERHANS, analysis/ ISLANDS OF LANGERHANS, drug effects/ NEUROHUMORS/

RADIOIMMUNOASSAY/ REVIEW/ *SOMATOTROPIN RELEASE INHIBITING HORMONE/ SOMATOTROPIN RELEASE INHIBITING HORMONE, analysis/ SOMATOTROPIN RELEASE INHIBITING HORMONE, pharmacodynamics/ SOMATOTROPIN, secretion/ THYROTROPIN, secretion

7219. **Pinals RS, Tomar RH, Haas DC, et al:** Graves' disease, myasthenia gravis, and purpura [letter]
Ann Intern Med 87(2):250, Aug 77
ADULT/ CASE REPORT/ FEMALE/ *GOITER, EXOPHTHALMIC, complications/ HUMAN/ *MYASTHENIA GRAVIS, complications/ *PURPURA, THROMBOPENIC, complications

7220. **Pincus JH:** Solubilization of biologically active cell surface antigens. Contemp Top Mol Immunol 5:87–124, 1976 (171 ref.)
ANIMAL/ *ANTIGENS, analysis/ ANTIGENS, isolation & purification/ BLOOD PLATELETS, immunology/ CELL DIFFERENTIATION/ CELL FRACTIONATION/ CELL MEMBRANE, analysis/ CELL MEMBRANE, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DETERGENTS, pharmacodynamics/ GLYCOPROTEINS, analysis/ GLYCOPROTEINS, isolation & purification/ HISTOCOMPATIBILITY ANTIGENS, analysis/ HUMAN/ IMMUNOGLOBULINS. SURFACE, analysis/ LEUKEMIA L1210, immunology/ LEUKOCYTE CULTURE TEST, MIXED/ MICE/ PEPTIDE HYDROLASES, pharmacodynamics/ PHOSPHOLIPIDS, metabolism/ POLYMORPHISM (GENETICS)/ POTASSIUM CHLORIDE, pharmacodynamics/ REVIEW/ SOLUBILITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7221. **Pinder RM, Brogden RN, Speight TM, et al:** Sodium valproate: a review of its pharmacological properties and therapeutic efficacy in epilepsy. Drugs 13(2):81–123, Feb 77 (129 ref.)
ADMINISTRATION, ORAL/ ADULT/ ANIMAL/ *ANTICONVULSANTS, pharmacodynamics/ BEHAVIOR, drug effects/ BLOOD PLATELETS, drug effects/ CHILD/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *DIPROPYL ACETATE/ DIPROPYL ACETATE, administration & dosage/ DIPROPYL ACETATE, adverse effects/ DIPROPYL ACETATE, metabolism/ DIPROPYL ACETATE, pharmacodynamics/ DIPROPYL ACETATE, therapeutic use/ DRUG EVALUATION/ DRUG INTERACTIONS/ DRUG THERAPY, COMBINATION/ DRUG TOLERANCE/ ELECTROENCEPHALOGRAPHY/ *EPILEPSY, drug therapy/ EPILEPSY, FOCAL, drug therapy/ EPILEPSY, PETIT MAL, drug therapy/ EPILEPSY, TEMPORAL LOBE, drug therapy/ FEMALE/ GABA, metabolism/ HUMAN/ KINETICS/ MICE/ PREGNANCY/ REVIEW/ *VALERATES/ VALERATES, pharmacodynamics

7222. **Pinder RM, Brogden RN, Speight TM, et al:** Hexoprenaline: a review of its pharmacological properties and therapeutic efficacy with particular reference to asthma. Drugs 14(1):1–28, Jul 77
ADMINISTRATION, ORAL/ AEROSOLS/ ANIMAL/ *ASTHMA, drug therapy/ BLOOD COAGULATION, drug effects/ BRONCHODILATOR AGENTS/ CLINICAL RESEARCH/ DRUG INTERACTIONS/ FIBRINOLYSIS, drug effects/ HEMODYNAMICS, drug effects/ HEXOPRENALINE, administration & dosage/ HEXOPRENALINE, adverse effects/ HEXOPRENALINE, metabolism/ *HEXOPRENALINE, pharmacodynamics/ HEXOPRENALINE, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ KINETICS/ METABOLISM, drug effects/ MUTAGENS/ *PHENETHYLAMINES, pharmacodynamics/ RATS/ RECEPTORS, ADRENERGIC, BETA, drug effects/ REPRODUCTION, drug effects

7223. **Pindyck J, Mosesson MW, Bannerjee D, et al:** The structural characteristics of chicken fibrinogen.
Biochim Biophys Acta 492(2):377–86, 24 Jun 77
ANIMAL/ CHICKENS/ COMPARATIVE STUDY/ FIBRIN/ *FIBRINOGEN/ HUMAN/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7224. **Pine L:** Variation of M protein with sequential transfer of group A streptococci in semisynthetic media.
Microbios 16(65–66):153–68, 1976
*BACTERIAL PROTEINS, biosynthesis/ CASEIN/ COMPARATIVE STUDY/ *CULTURE MEDIA/ PEPTIDE PEPTIDOHYDROLASES, biosynthesis/ POLYSORBATES/ STARCH/ STREPTOCOCCUS PYOGENES, enzymology/ STREPTOCOCCUS PYOGENES, growth & development/ *STREPTOCOCCUS PYOGENES, metabolism

7225. **Pinelis IS:** Faktory svertyvaniia krovi i fibrinoliza v sliune u bol'nykh s perelomami nizhnei cheliusti
Stomatologiia (Mosk) 55(3):42–4, May–Jun 76 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ FIBRINOLYSIN, analysis/ FIBRINOLYSIS/ HUMAN/ *MANDIBULAR FRACTURES, blood/ SALIVA, analysis

7226. **Piñon R, Salts Y:** Isolation of folded chromosomes from the yeast Saccharomyces cerevisiae.
Proc Natl Acad Sci USA 74(7):2850–4, Jul 77
CELL DIVISION/ CENTRIFUGATION, DENSITY GRADIENT/ *CHROMATIN, isolation & purification/ *CHROMOSOMES, ultrastructure/ DEOXYRIBONUCLEASE, metabolism/ DNA, isolation & purification/ HAPLOIDY/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ NUCLEIC ACID CONFORMATION/ NUCLEOPROTEINS, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ POLYPLOIDY/ RIBONUCLEASE, metabolism/ RNA, isolation & purification/ *SACCHAROMYCES CEREVISIAE, analysis/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7227. **Pinson L, Quichaud F, Hehunstre D, et al:** A propos de deux cas de speticémie otogène
Rev Laryngol Otol Rhinol (Bord) 97(11–12):703–6, Nov–Dec 76 (Eng. Abstr.) **(Fre)**
ADULT/ CASE REPORT/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *MASTOIDITIS, complications/ *OTITIS MEDIA, complications/ PHLEBITIS, etiology/ *SEPTICEMIA, etiology/ SUPPURATION/ THROMBOSIS, etiology

7228. **Pintado T, Maldonado JE:** La plaqueta en la anemia refractaria. Estructura y agregación plaquetaria por microscopia electrónica Sangre (Barc) 21(3B):740–54, 1976 (Eng. Abstr.) **(Spa)**
*ANEMIA, APLASTIC, blood/ *BLOOD PLATELETS, ultrastructure/ ENGLISH ABSTRACT/ HUMAN/ MICROSCOPY, ELECTRON/ PLATELET AGGREGATION

7229. **Pintér J, Zsdánszky C, Györffy G:** Pyrogen tests of infusions, blood anticoagulant solutions, plastic materials and rubber products. Dev Biol Stand 34:109–14, 1977
ANIMAL/ ANTICOAGULANTS/ *BIOLOGICAL ASSAY, methods/ BLOOD PRESERVATION/ FEMALE/ *INFUSIONS, PARENTERAL, methods/ MALE/ PLASTICS/ *PYROGENS, analysis/ RABBITS/ RUBBER

7230. **Piotrowski Z, Wolosowicz N, Prokopowicz J:** Wpływ częściowego wycięcia tarczycy na aktywność układu fibrynolitycznego osocza krwi żył obwodowych.
Rocz Akad Med Bialymstoku 21:13–21, 1977 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ GOITER, surgery/ HUMAN/ MALE/ MIDDLE AGE/ THYROID DISEASES, blood/ *THYROID DISEASES, surgery/ VEINS

7231. **Pipeleers DG, Pipeleers-Marichal MA, Kipnis DM:** Physiological regulation of total tubulin and polymerized tubulin in tissues. J Cell Biol 74(2):351–7, Aug 77
ANIMAL/ BLOOD PLATELETS, metabolism/ CELL DIVISION/ DIET/ DNA, biosynthesis/

FASTING/ GLUCOSE, metabolism/ *GLYCOPROTEINS, metabolism/ HUMAN/ ISLANDS OF LANGERHANS, metabolism/ LIVER, metabolism/ LYMPHOCYTES, drug effects/ LYMPHOCYTES, metabolism/ MALE/ MICE/ PLANT AGGLUTININS, pharmacodynamics/ POLYMERS, metabolism/ RATS/ *TUBULIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7232. **Pipitone V, Numo R:** Evaluation of non-steroidal anti-inflammatory drugs by means of experimental arthritis models. pp. 83–97.
In: Huskisson EC, Velo GP, ed. Inflammatory arthropathies. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.401 1975. (59 ref.)
ANIMAL/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ *ARTHRITIS, drug therapy/ ARTHRITIS, INFECTIOUS, drug therapy/ ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, immunology/ ARTHRITIS, RHEUMATOID, pathology/ *DISEASE MODELS, ANIMAL/ DRUG SCREENING/ FIBRIN/ FREUND'S ADJUVANT/ GAMMA GLOBULINS/ IMMUNOLOGIC TECHNICS/ LYSOSOMES, enzymology/ MONOGRAPH/ QUARTZ/ REVIEW/ SILICOSIS, chemically induced/ SILICOSIS, pathology

7233. **Pirogov AB, Babtseva AI:** Radioizotopnaia diagnostika funktsional'nogo sostoianiia pochek u deteĭ pri nekotorykh gemorragicheskikh zabolevaniiakh Pediatriia (4):40–3, Apr 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ *KIDNEY, physiopathology/ *PURPURA, physiopathology/ PURPURA, THROMBOPENIC, physiopathology/ RADIOISOTOPE RENOGRAPHY

7234. **Pisarskaia IV:** Vliianie nekotorykh gormonov i lekarstvennykh preparatov na gemokoaguliatsiiu pri endokrinnykh zabolevaniiakh. Ter Arkh 49(5):47–50, 1977 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ BIGUANIDES, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ *CUSHING'S SYNDROME, blood/ *DIABETES MELLITUS, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INSULIN, pharmacodynamics/ MALE/ MIDDLE AGE/ *OBESITY, blood/ SULFANILAMIDES, pharmacodynamics

7235. **Pistautz H:** Klinische Studie mit einer neuen antihyperlipämischen Wirkstoffkombination Arzneim Forsch 27(1):152–6, 1977 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ BLOOD PRESSURE, drug effects/ CHOLESTEROL, blood/ *CLOFIBRATE, therapeutic use/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ HEMOSTASIS, drug effects/ HUMAN/ HYPERLIPEMIA, blood/ *HYPERLIPEMIA, drug therapy/ INOSITOL, therapeutic use/ LIVER, drug effects/ MALE/ MIDDLE AGE/ *NICOTINIC ACIDS, therapeutic use/ PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood/ URIC ACID, blood

7236. **Pitlick FA, Nemerson Y:** Purification and characterization of tissue factor apoprotein. Methods Enzymol 45:37–48, 1976
ANIMAL/ *APOLIPOPROTEINS/ APOLIPOPROTEINS, blood/ APOLIPOPROTEINS, isolation & purification/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD COAGULATION FACTORS, physiology/ BRAIN CHEMISTRY/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ DEOXYCHOLIC ACID/ FACTOR VII, isolation & purification/ FACTOR X, isolation & purification/ METHODS/ PHOSPHOLIPIDS, isolation & purification/ *THROMBOPLASTIN/ THROMBOPLASTIN, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7237. **Pitlick FA, Valentyn-Benz M:** Radiolabel incorporation associated with tissue factor production in cultured human fibroblasts and smooth muscle cells. Thromb Res 10(4):557–66, Apr 77
CELLS, CULTURED/ COMPARATIVE STUDY/ *FIBROBLASTS, metabolism/ GLUCOSAMINE, metabolism/ HUMAN/ ISOTOPE LABELING/ LEUCINE, metabolism/ *MUSCLE, SMOOTH, cytology/ THROMBOPLASTIN, biosynthesis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7238. **Pitlik S, Cohen L, Hadar H, et al:** Portal hypertension and esophageal varices in hemangiomatosis of the spleen. Gastroenterology 72(5 Pt 1):937–40, May 77
ARTERIOVENOUS FISTULA, diagnosis/ CAPILLARIES/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ESOPHAGEAL VARICES, diagnosis/ *ESOPHAGEAL VARICES, etiology/ FEMALE/ *HEMANGIOMA, complications/ HUMAN/ *HYPERTENSION, PORTAL, etiology/ MIDDLE AGE/ SPLEEN, blood supply/ *SPLENIC NEOPLASMS, complications

7239. **Pitney WR, Dean S:** Plasma heparin concentrations during subcutaneous heparin therapy. Aust NZ J Med 6(5):454–8, Oct 76
ADULT/ AGED/ DRUG ADMINISTRATION SCHEDULE/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, blood/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ THROMBOPHLEBITIS, blood

7240. **Pittoni G, Adesso G:** Identification and isolation of a thrombocytopoietic thymic factor. Riv Biol 69(3–4):227–63, Jul–Dec 76 **(Eng, Ita)**
ANIMAL/ *BLOOD PLATELETS/ CATTLE/ *HEMATOPOIESIS/ HEMATOPOIESIS, drug effects/ MICE/ STEROIDS, isolation & purification/ STEROIDS, pharmacodynamics/ THYMUS EXTRACTS, pharmacodynamics/ *THYMUS GLAND, physiology/ THYMUS HORMONES, pharmacodynamics

7241. **Pitts JA, Crosby WM, Basta LL:** Eisenmenger's syndrome in pregnancy: does heparin prophylaxis improve the maternal mortality rate? Am Heart J 93(3):321–6, Mar 77
ADOLESCENCE/ ADULT/ CASE REPORT/ *EISENMENGER COMPLEX, mortality/ EISENMENGER COMPLEX, pathology/ FEMALE/ HEMORRHAGE, POSTPARTUM, chemically induced/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ HYPOTENSION, chemically induced/ MATERNAL MORTALITY/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, mortality/ PREGNANCY/ PUERPERAL DISORDERS, prevention & control/ PULMONARY ARTERY, pathology/ *PULMONARY EMBOLISM, prevention & control/ STERILIZATION, TUBAL

7242. **Pittz EP, Jones R, Goldberg L, et al:** Interaction of sulfated polysaccharides with plasma membranes--II. Effect of ionic strength, temperature and trypsin digestion of the erythrocyte surface on the aggregation of erythrocytes by iota carrageenans. Biorheology 14(1):33–42, 77
BLOOD SEDIMENTATION/ *CARRAGEENAN, pharmacodynamics/ *ERYTHROCYTE AGGREGATION, drug effects/ HUMAN/ MODELS, BIOLOGICAL/ OSMOLAR CONCENTRATION/ TEMPERATURE/ TRYPSIN

7243. **Piza F, Kretschmer G, Pflüger H, et al:** Sofortverschlüsse nach Arterienrekonstruktionen im femoropoplitealen Bereich (Ursachen, Korrigierbarkeit, Pronose) Vasa 5(2):147–54, 1976 (Eng. Abstr.) **(Ger)**
ENDARTERECTOMY, adverse effects/ ENGLISH ABSTRACT/ *FEMORAL ARTERY, surgery/ HUMAN/ *POPLITEAL ARTERY, surgery/ POSTOPERATIVE COMPLICATIONS/ *THROMBOSIS, etiology

7244. **Pizzuto J, Díaz Maqueo JC, Morales Polanco MR, et al:** Uso de crioprecipitados en cirugía mayor del hemofílico Gac Med Mex 112(2):133–46, Aug 76 **(Spa)**
ADOLESCENCE/ ADULT/ BODY WEIGHT/ CRYOGLOBULINS, administration & dosage/ *CRYOGLOBULINS, therapeutic use/ DRUG

EVALUATION/ *HEMOPHILIA, surgery/ HUMAN/ MIDDLE AGE

7245. **Plagne R, Veyre A:** Diagnostic des tumeurs intracrâniennes Neurochirurgie 22(4):311–34, 1976 (45 ref.) **(Fre)**
ASTROCYTOMA, diagnosis/ *BRAIN NEOPLASMS, diagnosis/ *BRAIN/ BRAIN, blood supply/ CEREBRAL HEMORRHAGE, diagnosis/ CEREBROVASCULAR CIRCULATION/ CEREBROVASCULAR DISORDERS, diagnosis/ CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENCEPHALOMALACIA, diagnosis/ GLIOBLASTOMA MULTIFORME, diagnosis/ HEMANGIOMA, diagnosis/ HEMATOMA, diagnosis/ HEMATOMA, SUBDURAL, diagnosis/ HUMAN/ MENINGIOMA, diagnosis/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ PITUITARY NEOPLASMS, diagnosis/ *RADIONUCLIDE IMAGING/ REVIEW

7246. **Planché C, Weiss M, Verriest C:** Two-stage bilateral lung reimplantation in the dog. J Thorac Cardiovasc Surg 74(2):238–43, Aug 77
ANIMAL/ BLOOD PRESSURE/ DOGS/ HEART VENTRICLE/ *LUNG, surgery/ PNEUMOTHORAX, mortality/ POSTOPERATIVE COMPLICATIONS, mortality/ PULMONARY EDEMA, mortality/ PULMONARY EMBOLISM, mortality/ REIMPLANTATION, mortality/ *REIMPLANTATION, methods

7247. **Planjar M, Plazibat M, Paripovic N:** Desetogodišnje iskustvo operacija varikoznih vena donjih ekstremiteta Acta Chir Iugosl 24(1 Suppl):397–400, 1977 **(Scr)**
ADOLESCENCE/ ADULT/ AGED/ CHILD/ EVALUATION STUDIES/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ RECURRENCE/ THROMBOPHLEBITIS, etiology/ VARICOSE ULCER, etiology/ *VARICOSE VEINS, surgery

7248. **Plath P:** Schwerhörigkeit bei Herz–Kreislauf–Erkrankungen Laryngol Rhinol Otol (Stuttg) 56(4):334–8, Apr 77 (Eng. Abstr.) **(Ger)**
*CARDIOVASCULAR DISEASES, complications/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HEARING DISORDERS, diagnosis/ *HEARING DISORDERS, etiology/ HUMAN/ HYPOTENSION, drug therapy/ HYPOTENSION, physiopathology/ MICROCIRCULATION/ ORGAN OF CORTI, blood supply/ ORGAN OF CORTI, metabolism/ OXYGEN CONSUMPTION/ OXYGEN, metabolism/ THROMBOSIS, drug therapy/ THROMBOSIS, physiopathology

7249. **Platonow NS, Meads EB, Liptrap RM, et al:** Effects of some commercial preparations of polychlorinated biphenyls in growing piglets. Can J Comp Med 40(4):421–8, Oct 76
ANIMAL/ BLOOD COAGULATION, drug effects/ BRAIN, metabolism/ *ENVIRONMENTAL POLLUTANTS, toxicity/ FEMALE/ LIVER, metabolism/ MALE/ MUSCLES, metabolism/ POLYCHLOROBIPHENYL COMPOUNDS, administration & dosage/ POLYCHLOROBIPHENYL COMPOUNDS, metabolism/ *POLYCHLOROBIPHENYL COMPOUNDS, toxicity/ SEX FACTORS/ SWINE, growth & development/ *SWINE, metabolism/ TESTOSTERONE, blood/ TIME FACTORS

7250. **Plaut AG, Gilbert JV, Wistar R Jr:** Loss of antibody activity in human immunoglobulin A exposed extracellular immunoglobulin A proteases of Neisseria gonorrhoeae and Streptococcus sanguis. Infect Immun 17(1):130–5, Jul 77
*AGGLUTINATION, drug effects/ AMYLASE, metabolism/ HUMAN/ *IGA, metabolism/ IGM, metabolism/ IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, FC/ *NEISSERIA GONORRHOEAE, enzymology/ *PEPTIDE HYDROLASES, pharmacodynamics/ RHEUMATOID FACTOR/ *STREPTOCOCCUS SANGUIS, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7251. **Pliushch OP, Rutberg RA:** Organizatsiia dispanserizatsii bol'nykh gemofiliei Sov Med (8):138–42, AUG 76 **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ AMBULATORY CARE/ CHILD/ CHILD, PRESCHOOL/ HEMOPHILIA, prevention & control/ *HEMOPHILIA, therapy/ HOSPITAL OUTPATIENT CLINICS/ HUMAN/ INFANT/ MIDDLE AGE/ MOSCOW

7252. **Pliutto AM:** Opredelenie fibrinoliticheskoĭ aktivnosti krovi metodom tromboelastografii Lab Delo (9):569, 1976 **(Rus)**
ADOLESCENCE/ ADULT/ BLOOD DONORS/ *FIBRINOLYSIS/ HUMAN/ HYPERTENSION, blood/ INFLAMMATION, blood/ MIDDLE AGE/ *THROMBELASTOGRAPHY

7253. **Plotnikova VA, Kiriliuk SN:** Sluchaĭ kapilliarnoĭ angiomy zheludka Vestn Rentgenol Radiol (6):80–1, Nov–Dec 76 **(Rus)**
ADULT/ CASE REPORT/ FEMALE/ *HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HUMAN/ *STOMACH NEOPLASMS, pathology/ STOMACH NEOPLASMS, radiography

7254. **Plow EF, Cierniewski C, Edgington TS:** The D:E complex as a discrete plasmic cleavage product of fibrinogen [letter]. Thromb Res 10(1):175–81, Jan 77
ANTIGENIC DETERMINANTS/ FIBRINOGEN, immunology/ *FIBRINOGEN, metabolism/ MOLECULAR WEIGHT/ NOMENCLATURE/ PEPTIDE FRAGMENTS, immunology/ *PEPTIDE FRAGMENTS, isolation & purification

7255. **Pluss J:** Hemostasis by premedication with estrogen in hair-transplant surgery. J Dermatol Surg Oncol 3(3):320–1, May–Jun 77
*ESTROGENIC SUBSTANCES, CONJUGATED, therapeutic use/ *HAIR, transplantation/ HEMOSTASIS, drug effects/ *HEMOSTASIS, SURGICAL, methods/ HUMAN/ MALE/ PREMARIN, pharmacodynamics/ *PREMARIN, therapeutic use/ *PREMEDICATION/ TRANSPLANTATION, AUTOLOGOUS

7256. **Pniejnia-Olszyński W, Michalski R:** Zaburzenia czynności płytek krwi. II. Nabyte trombocytopatie i wpływ leków na funkcje płytek. Acta Haematol Pol 8(2):151–6, May–Jun 77 **(Pol)**
ADRENERGIC ALPHA RECEPTOR BLOCKADERS, adverse effects/ ADRENERGIC BETA RECEPTOR BLOCKADERS, adverse effects/ ANTIBIOTICS, adverse effects/ *ASPIRIN, adverse effects/ BLOOD PLATELET DISORDERS, blood/ *BLOOD PLATELET DISORDERS, chemically induced/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *DIPYRIDAMOLE, adverse effects/ *DRUG THERAPY, adverse effects/ HISTAMINE H1 RECEPTOR BLOCKADERS, adverse effects/ HUMAN/ PROSTAGLANDINS, biosynthesis/ PSYCHOTROPIC DRUGS, adverse effects/ UREA, metabolism/ UREMIA, blood

7257. **Poberai M, Sávay G:** Time course of proteolytic enzyme alterations in the motor end-plates after stimulation. Acta Histochem (Jena) 57(1):44–8, 1976
ANIMAL/ ELECTRIC STIMULATION/ MOTOR ENDPLATE, drug effects/ *MOTOR ENDPLATE, enzymology/ NEOSTIGMINE, pharmacodynamics/ NERVE TISSUE PROTEINS, metabolism/ NEURAL TRANSMISSION/ *NEUROMUSCULAR JUNCTION, enzymology/ *PEPTIDE HYDROLASES, analysis/ RATS

7258. **Pochedly C:** Supportive therapy for the leukemic patient in acute relapse. Med Times 105(7):(82)1d–(82)9d, Jul 77
ACUTE DISEASE/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ HUMAN/ INFECTION, etiology/ INFECTION, therapy/ LEUKEMIA, complications/ *LEUKEMIA, therapy/ THROMBOPENIA, etiology/ THROMBOPENIA, therapy/ TRANSPLANTATION, ALLOGENEIC/ URIC ACID, blood

7259. **Podgornyĭ VK, Polishchuk EI:** Lechenie gemangiom snegom ugol'noĭ kisloty Klin Khir (5):72–3, May 76 **(Rus)**
CHILD/ *DRY ICE, therapeutic use/ *HEMANGIOMA, surgery/ HUMAN/ METHODS/ *SKIN NEOPLASMS, surgery

7260. **Podgornyĭ VK, Morozov VF, Polishchuk EI:** Vybir likars'koï taktyky pry vyiavlenni hemanhiom shkiry u ditei
Pediatr Akush Ginekol (4):29–30, Jul–Aug 76 **(Ukr)**
FEMALE/ *HEMANGIOMA, therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *SKIN NEOPLASMS, therapy

7261. **Podliashchuk EL, Burdianskaia EI:** Rentgenoterapiia neradikal'no udalennykh gemangiom
Med Radiol (Mosk) 21(7):11–4, Jul 76 **(Rus)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA, radiotherapy/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ MALE/ POSTOPERATIVE CARE/ *SKIN NEOPLASMS, radiotherapy/ SKIN NEOPLASMS, surgery

7262. **Podolsak B:** Effects of thrombin, chymotrypsin and aggregated gamma-globulins on the proteins of the human platelet membrane. Thromb Haemostas 37(3):396–406, 30 Jun 77
ADENOSINE/ *BLOOD PLATELETS, drug effects/ *CHYMOTRYPSIN, pharmacodynamics/ EDTA/ *GAMMA GLOBULINS, pharmacodynamics/ GLYCOPEPTIDES, analysis/ GLYCOPROTEINS, analysis/ HUMAN/ IGG, pharmacodynamics/ *MEMBRANE POTENTIALS/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ *THROMBIN, pharmacodynamics/ TIME FACTORS

7263. **Poggi A, Donati MB, Polentarutti N, et al:** On thrombocytopenia developing in mice bearing a spontaneously metastasizing tumor. Z Krebsforsch 86(3):303–6, 30 Aug 76
ANIMAL/ BLOOD PLATELETS/ CELL SURVIVAL/ ERYTHROCYTES/ FIBRINOGEN, metabolism/ HEMATOPOIESIS/ MICE/ MICE, INBRED C57BL/ *NEOPLASM METASTASIS, blood/ NEOPLASMS, EXPERIMENTAL/ *THROMBOPENIA, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7264. **Poggi A, Polentarutti N, Benedetta Donati M, et al:** Blood coagulation changes in mice bearing Lewis lung carcinoma, a metastasizing tumor. Cancer Res 37(1):272–7, Jan 77
ANIMAL/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD PLATELETS/ ERYTHROCYTES/ FIBRINOGEN, metabolism/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ *LUNG NEOPLASMS, blood/ LUNG NEOPLASMS, metabolism/ LUNG, metabolism/ MALE/ MICE/ MICE, INBRED C57BL/ NEOPLASM METASTASIS/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, blood/ NEOPLASMS, EXPERIMENTAL, metabolism/ TIME FACTORS/ TRANSPLANTATION, ISOGENEIC/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7265. **Pogo BG, O'shea MT:** Further characterization of deoxyribonucleases from vaccinia virus. Virology 77(1):56–66, Mar 77
*DEOXYRIBONUCLEASE, metabolism/ DNA, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ SODIUM CHLORIDE, pharmacodynamics/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VACCINIA VIRUS, enzymology

7266. **Pogorelova TP:** Raspredelenie fermentov aminokislotnogo obmena v gomogenatakh i subkletochnykh fraktsiiakh platsenty v protsesse ee razvitiia
Akush Ginekol (Mosk) (1):48–51, 1977 (Eng. Abstr.) **(Rus)**
*AMINO ACIDS, metabolism/ AMINOTRANSFERASES, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PEPTIDE HYDROLASES, metabolism/ *PLACENTA, enzymology/ PLACENTA, metabolism/ PREGNANCY

7267. **Pohjanpelto P:** Putrescine transport is greatly increased in human fibroblasts initiated to proliferate. J Cell Biol 68(3):512–20, Mar 76
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BIOLOGICAL TRANSPORT, drug effects/ BLOOD/ CADAVERINE, pharmacodynamics/ CALCIUM, pharmacodynamics/ *CELL DIVISION/ CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ INSULIN, pharmacodynamics/ KINETICS/ MAGNESIUM, pharmacodynamics/ PROSTAGLANDINS E, pharmacodynamics/ *PUTRESCINE, metabolism/ SPERMINE, pharmacodynamics/ TEMPERATURE/ TRYPSIN, pharmacodynamics

7268. **Pohjanpelto P:** Proteases stimulate proliferation of human fibroblasts. J Cell Physiol 91(3):387–92, Jun 77
CELLS, CULTURED/ DNA, biosynthesis/ *FIBRINOLYSIN, pharmacodynamics/ FIBROBLASTS, cytology/ *FIBROBLASTS, drug effects/ FIBROBLASTS, metabolism/ HUMAN/ MITOSIS, drug effects/ STIMULATION, CHEMICAL/ *THROMBIN, pharmacodynamics/ *TRYPSIN, pharmacodynamics

7269. **Pohl LR, Nelson SD, Porter WR, et al:** Warfarin-stereochemical aspects of its metabolism by rat liver microsomes. Biochem Pharmacol 25(19):2153–62, 1 Oct 76
ANIMAL/ BIOTRANSFORMATION/ IN VITRO/ KINETICS/ MALE/ *MICROSOMES, LIVER, metabolism/ MOLECULAR CONFORMATION/ RATS/ SPECIES SPECIFICITY/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, isolation & purification/ *WARFARIN, metabolism

7270. **Pohl LR, Bales R, Trager WF:** Warfarin: stereochemical aspects of its metabolism in vivo in the rat. Res Commun Chem Pathol Pharmacol 15(2):233–56, Oct 76
ANIMAL/ BIOTRANSFORMATION/ CYTOSOL, metabolism/ FECES, analysis/ IN VITRO/ LIVER, ultrastructure/ MALE/ MICROSOMES, LIVER, metabolism/ RATS/ STEREOISOMERS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, analysis/ *WARFARIN, metabolism/ WARFARIN, urine

7271. **Pohl LR, Porter WR, Trager WF:** Stereochemical biotransformation of warfarin as a probe of the homogeneity and mechanism of microsomal hydroxylases. Biochem Pharmacol 26(2):109–14, 15 Jan 77
ANIMAL/ BIOTRANSFORMATION/ CYTOCHROMES, metabolism/ *HYDROXYLASES, metabolism/ IN VITRO/ MALE/ METHYLCHOLANTHRENE, pharmacodynamics/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ MIXED FUNCTION OXIDASES, metabolism/ PHENOBARBITAL, pharmacodynamics/ PROTEINS, metabolism/ RATS/ STEREOISOMERS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, metabolism

7272. **Pohl RJ, Philpot RM, Fouts JR:** Cytochrome P-450 content and mixed-function oxidase activity in microsomes isolated from mouse skin. Drug Metab Dispos 4(5):442–50, Sep–Oct 76
ANILINE HYDROXYLASE, metabolism/ ANIMAL/ ARYL HYDROCARBON HYDROXYLASES, metabolism/ CARBON MONOXIDE, pharmacodynamics/ COUMARINS/ *CYTOCHROME P-450, analysis/ ENZYME INDUCTION, drug effects/ ETHYL ETHERS/ FEMALE/ IN VITRO/ MALE/ METHYLCHOLANTHRENE, pharmacodynamics/ MICE/ MICE, INBRED STRAINS/ *MICROSOMES, enzymology/ MICROSOMES, LIVER, enzymology/ *MIXED FUNCTION OXIDASES, metabolism/ NADPH CYTOCHROME C REDUCTASE, metabolism/ *OXIDOREDUCTASES, metabolism/ SKIN ABSORPTION/ *SKIN, enzymology/ SKIN, ultrastructure/ SPECTROPHOTOMETRY/ TETRACHLORODIBENZODIOXIN, pharmacodynamics

7273. **Pointer H:** Gastrointestinale Funktionsdiagnostik Wien Klin Wochenschr 88(19):609–18, 15 Oct 76 (48 ref.) (Eng. Abstr.) **(Ger)**
AMYLASE, metabolism/ DIGESTION/ ENGLISH ABSTRACT/ GASTRIC ACIDITY DETERMINATION/ GASTRIC JUICE, metabolism/ GASTRIC JUICE, secretion/ GASTRIN, metabolism/ *GASTROINTESTINAL DISEASES, diagnosis/ GASTROINTESTINAL DISEASES, physiopathology/ GASTROINTESTINAL MOTILITY/ HISTAMINE, metabolism/ HUMAN/ INSULIN, metabolism/ LIPASE, metabolism/ PANCREATIC JUICE, enzymology/ PEPTIDE HYDROLASES, metabolism/ RADIOIMMUNOASSAY/ REVIEW

7274. **Pointner H, Flegel U, Bayer PM, et al:** Untersuchungen der exokrinen Pankreasfunktion bei chronischen Alkoholikern in Osterreich. Wien Klin Wochenschr 89(13):452–5, 24 Jun 77 (Eng. Abstr.) **(Ger)**
ADULT/ ALCOHOLISM, complications/ ALCOHOLISM, metabolism/ *ALCOHOLISM, physiopathology/ AUSTRIA/ BICARBONATES, metabolism/ CHRONIC DISEASE/ CHYMOTRYPSIN, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PANCREAS, physiopathology/ PANCREATIC JUICE, secretion/ PANCREATITIS, etiology/ TRYPSIN, metabolism

7275. **Pokalev GM, Kitaeva ND, Stoliar GM, et al:** O sviazi Z-potentsiala eritrotsitov so stepen'iu ikh agregatsii pri gipertonicheskoĭ i ishemicheskoĭ bolezni serdtsa. Kardiologiia 17(5):122–4, May 77 **(Rus)**
ADULT/ *CORONARY DISEASE, blood/ DEXTRAN, pharmacodynamics/ ELECTROPHORESIS/ *ERYTHROCYTE AGGREGATION/ *ERYTHROCYTES, physiology/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ *HYPERTENSION, blood/ MALE/ MEMBRANE POTENTIALS, drug effects/ MIDDLE AGE

7276. **Pokieser H:** Phlebographische Diagnose thrombotischer Erkrankungen. Acta Med Austriaca® [Suppl] (3):221–2, 1976 **(Ger)**
HUMAN/ *PHLEBOGRAPHY, methods/ *THROMBOSIS, diagnosis/ VENA CAVA, INFERIOR

7277. **Pokorny E, Szentirmay Z, Sugár J:** Cytophotometric determination of basic proteins with heparin-alcian blue method. Acta Histochem (Jena) 58(2):203–9, 1977
ALCIAN BLUE/ ANIMAL/ CARCINOMA, EHRLICH TUMOR, analysis/ DNA, NEOPLASM, analysis/ HEPARIN/ HISTOCYTOCHEMISTRY/ *HISTONES, analysis/ MICE/ *NEOPLASM PROTEINS, analysis/ RATS/ T-LYMPHOCYTES, analysis

7278. **Pokrovskiĭ AA:** Pitanie i bolezn' Vopr Pitan (1):18–33, Jan–Feb 76 **(Rus)**
ALCOHOL OXIDOREDUCTASES, metabolism/ ALCOHOLISM, complications/ ANIMAL/ ATHEROSCLEROSIS, etiology/ CHILD, PRESCHOOL/ DEFICIENCY DISEASES, etiology/ DIET THERAPY/ DIET, adverse effects/ DIET, ATHEROGENIC/ DIETARY CARBOHYDRATES, adverse effects/ *DISEASE/ HUMAN/ HYPERLIPEMIA, etiology/ HYPERLIPEMIA, metabolism/ INFANT/ INFANT, NEWBORN/ METABOLISM, INBORN ERRORS, complications/ *NUTRITION/ OBESITY, etiology/ OBESITY, metabolism/ OXIDOREDUCTASES, metabolism/ PROTEIN DEFICIENCY/ RATS/ RISK

7279. **Pokrovskiĭ AA, Levachev MM, L'vovich NA, et al:** Vliianie kachestvennykh osobennosteĭ zhirovogo komponenta ratsiona na zhirnokislotnyĭ sostav membran éritrotsitov i trombotsitov u zdorovykh liudeĭ. Vopr Pitan (3):12–7, May–Jun 77 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD PLATELETS, analysis/ CELL MEMBRANE, analysis/ CHOLESTEROL, blood/ DIET/ *DIETARY FATS, metabolism/ DIETARY FATS, administration & dosage/ ENGLISH ABSTRACT/ *ERYTHROCYTE MEMBRANE, analysis/ *ERYTHROCYTES, analysis/ *FATTY ACIDS, analysis/ HUMAN/ LIPIDS, blood/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ PHOSPHOLIPIDS, blood/ TIME FACTORS

7280. **Pokrovskiĭ AV:** Zabolevanniia arterial'noĭ sistemy i ikh khirurgicheskoe Lechenie Kardiologiia 16(6):5–10, Jun 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ AORTA, ABDOMINAL, surgery/ AORTIC DISEASES, surgery/ *ARTERIES/ ARTERIOSCLEROSIS, surgery/ CHILD/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, surgery/ LEG, blood supply/ MIDDLE AGE/ THROMBOEMBOLISM, surgery/ *VASCULAR DISEASES

7281. **Pokrovskiĭ AV, Kazanchian PO, Spiridonov AA:** Metodika odnomomentnoĭ transaortal'noĭ endarterektomii pri porazhenii vistseral'nykh vetveĭ briushnoĭ aorty. Vestn Khir (3):3–11, Mar 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ AORTA, ABDOMINAL, surgery/ AORTIC DISEASES, surgery/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ CASE REPORT/ CELIAC ARTERY, surgery/ *ENDARTERECTOMY, methods/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ MESENTERIC ARTERIES, surgery/ MESENTERIC VASCULAR OCCLUSION, surgery/ RENAL ARTERY STENOSIS, surgery/ THROMBOSIS, surgery

7282. **Polakoski KL, Zaneveld LJ:** Proacrosin. Methods Enzymol 45:325–9, 1976
*ACROSIN/ ACROSIN, analysis/ ACROSIN, isolation & purification/ ANIMAL/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ *ENZYME PRECURSORS/ ENZYME PRECURSORS, analysis/ ENZYME PRECURSORS, isolation & purification/ MALE/ METHODS/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ SPERMATOZOA, enzymology/ SWINE

7283. **Polakoski KL, Parrish RF:** Boar proacrosin. Purification and preliminary activation studies of proacrosin isolated from ejaculated boar sperm. J Biol Chem 252(6):1888–94, 25 Mar 77
*ACROSIN/ ACROSIN, isolation & purification/ ACROSIN, metabolism/ ANIMAL/ CATTLE/ ENZYME ACTIVATION/ *ENZYME PRECURSORS/ ENZYME PRECURSORS, isolation & purification/ ENZYME PRECURSORS, metabolism/ KINETICS/ MACROMOLECULAR SYSTEMS/ MALE/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *SPERMATOZOA, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7284. **Polakoski KL, Zahler WL, Paulson JD:** Demonstration of proacrosin and quantitation of acrosin in ejaculated human spermatozoa. Fertil Steril 28(6):668–73, Jun 77
*ACROSIN, metabolism/ EJACULATION/ *ENZYME PRECURSORS, metabolism/ HUMAN/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *SPERMATOZOA, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7285. **Polansky EW, Young KR Jr, Lefer AM:** Tissue uptake of isotopically labeled aprotinin in early myocardial ischemia. Arch Int Pharmacodyn Ther 225(1):124–32, Jan 77
ANIMAL/ CATS/ *CORONARY DISEASE, metabolism/ CORONARY VESSELS, physiology/ FEMALE/ KALLIKREIN-TRYPSIN INACTIVATOR, blood/ *KALLIKREIN-TRYPSIN INACTIVATOR, metabolism/ LIGATION/ MALE/ *MYOCARDIUM, metabolism/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7286. **Polis L, Brzezinski J:** Posttraumatic hematoma beneath the epineurium of a branch of the median nerve. Case report. J Neurosurg 46(4):542–3, Apr 77
ADULT/ CASE REPORT/ HEMATOMA, complications/ *HEMATOMA, etiology/ HUMAN/ MALE/ *MEDIAN NERVE, injuries/ *NERVE COMPRESSION SYNDROMES, etiology

7287. **Polishchuk SM:** O sochetannykh oslozhneniiakh

gematogennogo osteomielita Klin Khir 00(9):66-7, Sep 76 (Rus)
CASE REPORT/ CHILD/ FEMALE/ HEMATEMESIS, complications/ HEMATOMA, complications/ HUMAN/ MENINGOENCEPHALITIS, complications/ *OSTEOMYELITIS, complications/ OSTEOMYELITIS, etiology

7288. **Poliwoda H, Schneider B, Avenarius HJ:** Untersuchungen zum klinischen Verlauf des akuten Myokardinfarktes. Gemeinschaftsstudie an 26 Krankenhäusern in Norddeutschland. Teil 1: Die fibrinolytische Therapie des Myokardinfarktes mit Streptokinase Med Klin 72(11):451-8, 18 Mar 77 (Eng. Abstr.) (Ger)
ACUTE DISEASE/ ADULT/ AGE FACTORS/ AGED/ ENGLISH ABSTRACT/ GERMANY, WEST/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ SHOCK, CARDIOGENIC, complications/ *STREPTOKINASE, therapeutic use

7289. **Poljak RJ, Nakashima Y, Chen BL, et al:** Amino acid sequence of the VH region of a human myeloma immunoglobulin (IgG New). Biochemistry 16(15):3412-20, 26 Jul 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BINDING SITES, ANTIBODY/ CELL LINE/ CYANOGEN BROMIDE/ HUMAN/ *IGG/ *IMMUNOGLOBULIN VARIABLE REGION/ *IMMUNOGLOBULINS, HEAVY CHAIN/ MICE/ *MULTIPLE MYELOMA, immunology/ *MYELOMA PROTEINS/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7290. **Pollack M, Taylor NS, Callahan LT 3d:** Exotoxin production by clinical isolates of pseudomonas aeruginosa. Infect Immun 15(3):776-80, Mar 77
ANTIBODY FORMATION/ *BACTERIAL TOXINS/ PEPTIDE HYDROLASES/ *PSEUDOMONAS AERUGINOSA, immunology/ SKIN TESTS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7291. **Pollack MS, DuBois D:** Possible effects of non-HLA antibodies in common typing sera on HLA antigen frequency data in leukemia. Cancer 39(6):2348-54, Jun 77
*ANTIBODIES, analysis/ B-LYMPHOCYTES, immunology/ BLOOD PLATELETS, immunology/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ HISTOCOMPATIBILITY TESTING/ *HL-A, analysis/ HUMAN/ IMMUNE SERUMS, analysis/ *LEUKEMIA, immunology/ LEUKEMIA, LYMPHOCYTIC, immunology

7292. **Pollak EW, Webber MM, Victery W:** Fibrinogen uptake test. Criteria for interpretation of results in patients with venous thrombosis. Am Surg 43(2):119-22, Feb 77
*FIBRINOGEN, metabolism/ HUMAN/ METHODS/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7293. **Pollak EW, Tesluk H:** Volvulus of the spleen. JAMA 237(5):469-70, 31 Jan 77
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ SPLENIC ARTERY/ *SPLENIC DISEASES, complications/ SPLENIC DISEASES, surgery/ SPLENIC VEIN/ THROMBOPHLEBITIS, complications/ THROMBOSIS, complications/ TORSION

7294. **Pollak EW, DeNardo S, Pollak M, et al:** Detection of anticoagulation therapy failures in patients with venous thrombosis. Am J Surg 134(2):214-6, Aug 77
ADULT/ CASE REPORT/ COMPARATIVE STUDY/ FIBRINOGEN, diagnostic use/ HEPARIN, administration & dosage/ HUMAN/ MALE/ MIDDLE AGE/ PROSPECTIVE STUDIES/ PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ *ULTRASONICS, diagnostic use

7295. **Poller L, Thomson JM:** Measuring partial thromboplastin-time. An international collaborative study. Lancet 2(7990):842-6, 16 Oct 76
BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS, methods/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FALSE NEGATIVE REACTIONS/ FALSE POSITIVE REACTIONS/ HUMAN/ INDICATORS AND REAGENTS/ INTERNATIONAL COOPERATION/ *THROMBOPLASTIN/ THROMBOPLASTIN, analysis

7296. **Poller L:** Natural oestrogen replacement therapy and blood clotting. Postgrad Med J 52 Suppl 6:28-9, 1976
ADULT/ *BLOOD COAGULATION, drug effects/ *ESTROGENIC SUBSTANCES, CONJUGATED, therapeutic use/ FEMALE/ HUMAN/ *MENOPAUSE/ MIDDLE AGE/ PREMARIN, adverse effects/ PREMARIN, pharmacodynamics/ *PREMARIN, therapeutic use/ THROMBOPHLEBITIS, chemically induced

7297. **Poller L, Thomson JM, Coope J:** Conjugated equine oestrogens and blood clotting: a follow-up report. Br Med J 1(6066):935-6, 9 Apr 77
*BLOOD COAGULATION, drug effects/ CLIMACTERIC/ *ESTROGENIC SUBSTANCES, CONJUGATED, pharmacodynamics/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *PLATELET AGGREGATION, drug effects/ *PREMARIN, pharmacodynamics

7298. **Pollock A, Harrison MH:** Hip fractures and deep-vein thromboembolism [letter]. Lancet 2(7998):1301, 11 Dec 76
AGED/ COMPARATIVE STUDY/ DRUG EVALUATION/ *FEMORAL FRACTURES, complications/ HEPARIN, therapeutic use/ *HIP, injuries/ HUMAN/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ WARFARIN, therapeutic use

7299. **Pollock AV, Rosenberg IL, Evans M:** Prevention of postoperative leg vein thrombosis: a comparison of low-dose heparin and electrical calf muscle stimulation. pp. 349-60.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
ELECTRIC STIMULATION/ HEMORRHAGE, chemically induced/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ LAPAROTOMY/ MONOGRAPH/ *MUSCLE CONTRACTION/ NEOPLASMS, complications/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSTATECTOMY/ SMOKING, complications/ *THROMBOPHLEBITIS, prevention & control

7300. **Pollock AV:** Calf-muscle stimulation as a prophylactic method against deep vein thrombosis. Triangle 16(1):41-5, 1977
*ELECTROTHERAPY/ HUMAN/ *MUSCLES/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control

7301. **Polunin GS, Akopian VS, Drozdova NM, et al:** Protelin pri lazergoniopunture i lazeriridéktomii v éksperimente Vestn Oftalmol (2):9-15, Mar-Apr 77 (Eng. Abstr.) (Rus)
ANIMAL/ ARGON/ BURNS, therapy/ CORNEA, injuries/ *CORNEA, surgery/ DRUG SCREENING/ ENGLISH ABSTRACT/ *IRIS, surgery/ *LASERS, therapeutic use/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, therapeutic use/ *PUNCTURES/ RABBITS/ TIME FACTORS/ WOUND HEALING, drug effects

7302. **Polychronakos D, Triantafyllou G:** Behandlung des traumatischen postoperativen totalen Hyphäma. Klin Monatsbl Augenheilkd 170(5):736-8, May 77 (Eng. Abstr.) (Ger)
ADULT/ AGED/ CASE REPORT/ CATARACT EXTRACTION, adverse effects/ ENGLISH ABSTRACT/ EYE INJURIES, drug therapy/ FIBRINOLYSIN, therapeutic use/ HUMAN/ *HYPHEMA, drug therapy/ MALE/

*POSTOPERATIVE COMPLICATIONS, drug therapy

7303. **Pompe F, Ostojic Z, Struhar J:** Trombembolije pri endokarditisu povzročenem z Candido albicans. Acta Chir Iugosl 24 Suppl 2:305–7, 1977 **(Ser)**
AUTOPSY/ CANDIDA ALBICANS/ CASE REPORT/ ENDOCARDITIS, complications/ *ENDOCARDITIS, etiology/ ENDOCARDITIS, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *MONILIASIS, complications/ MONILIASIS, pathology/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, pathology

7304. **Pompon D, Lederer F:** Controlled proteolysis of flavocytochrome b2. Characterization of a 15000-dalton heme-binding core and comparison with detergent solubilized cytochrome b5. Eur J Biochem 68(2):415–23, 15 Sep 76
AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ CHYMOTRYPSIN, metabolism/ CIRCULAR DICHROISM/ *CYTOCHROMES/ HUMAN/ KINETICS/ MOLECULAR WEIGHT/ PAPAIN/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDE HYDROLASES/ PROTEIN CONFORMATION/ RABBITS/ SACCHAROMYCES CEREVISIAE, enzymology/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SUBTILISINS/ SWINE/ TEMPERATURE

7305. **Ponari O, Civardi E, Dettori G, et al:** In vitro effects of bencyclan on coagulation, fibrinolysis and platelet function. Arzneim Forsch 26(8):1532–8, 1976
*BENCYCLANE, pharmacodynamics/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION, drug effects/ *CYCLOHEPTANES, pharmacodynamics/ FIBRINOLYSIS, drug effects/ *HEMOSTASIS, drug effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ PLASMA, drug effects/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ THROMBOPLASTIN, antagonists & inhibitors

7306. **Ponari O, Civardi E, Megha A, et al:** Inherited platelet abnormalities associated with low factor VIII activity in the same family. Acta Haematol (Basel) 57(4):225–32, Mar 77
ADOLESCENCE/ BLOOD CELL COUNT/ *BLOOD PLATELET DISORDERS, familial & genetic/ FEMALE/ *HEMOPHILIA, familial & genetic/ HUMAN/ MALE/ PEDIGREE/ PLATELET ADHESIVENESS/ *THROMBOCYTOPATHY, familial & genetic

7307. **Pong SS, Levine L:** Prostaglandin production by methylcholanthrene-transformed mouse BALB/3T3: inhibition by cytochalasin B. Prostaglandins 12(5):803–9, Nov 76
ANIMAL/ ARACHIDONIC ACIDS, metabolism/ BRADYKININ, pharmacodynamics/ CELL LINE/ COLCHICINE, pharmacodynamics/ *CYTOCHALASIN B, pharmacodynamics/ CYTOCHALASINS, pharmacodynamics/ DRUG INTERACTIONS/ METHYLCHOLANTHRENE, pharmacodynamics/ MICE/ MICE, INBRED BALB C/ *PROSTAGLANDINS, biosynthesis/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VINBLASTINE, pharmacodynamics

7308. **Pong SS, Levine L:** Prostaglandin production by methylcholanthrene-transformed mouse BALB/3T3: effect of oxidative phosphorylation inhibitors. Prostaglandins 13(1):65–71, Jan 77
ANIMAL/ ANTIMYCIN A, pharmacodynamics/ ARACHIDONIC ACIDS, pharmacodynamics/ BRADYKININ, pharmacodynamics/ CELL LINE/ CELLS, CULTURED/ DINITROPHENOLS, pharmacodynamics/ FIBROBLASTS, metabolism/ METHYLCHOLANTHRENE/ MICE/ MICE, INBRED STRAINS/ OLIGOMYCIN, pharmacodynamics/ *OXIDATIVE PHOSPHORYLATION, drug effects/ PROSTAGLANDINS E, biosynthesis/ PROSTAGLANDINS F, biosynthesis/ *PROSTAGLANDINS, biosynthesis/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7309. **Ponomarev EV, Levina ZI:** Oslozhneniia pri zakrytoĭ mitral'noĭ komissurotomii Grudn Khir (3):24–7, May–Jun 76 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ HEART DISEASES, etiology/ HUMAN/ *MITRAL VALVE STENOSIS, surgery/ MITRAL VALVE, surgery/ *POSTOPERATIVE COMPLICATIONS/ PULMONARY EDEMA, etiology/ RUPTURE, SPONTANEOUS/ THROMBOSIS, etiology

7310. **Ponstingl H, Hilschmann N:** Zur Strukturregel der Antiköper. Die Primärstruktur eines monoklonalen IgG1-Immunoglobulins (Myelomprotein Nie), III. Die chymotryptischen Peptide der H-Kette, Anordnung der tryptischen Peptide und Diskussion der vollständigen Primärstruktur Hoppe Seylers Z Physiol Chem 357(11):1571–604, Nov 76 (Eng. Abstr.) **(Ger)**
AMINO ACID SEQUENCE/ CHYMOTRYPSIN/ ENGLISH ABSTRACT/ HUMAN/ *IGG, analysis/ *IMMUNOGLOBULINS, HEAVY CHAIN, analysis/ IMMUNOGLOBULINS, HEAVY CHAIN, isolation & purification/ *MYELOMA PROTEINS, analysis

7311. **Ponstingl H, Hilschmann N:** Zur Strukturregel der Antikörper. Die Primärstruktur eines monoklonalen IgG1-Immunoglobulins (Myelomprotein Nie), II. [1,2] Isolierung und Aminosäuresequenz der tryptischen Peptide der H-Kette Hoppe Seylers Z Physiol Chem 357(11):1541–70, Nov 76 (Eng. Abstr.) **(Ger)**
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ENGLISH ABSTRACT/ HUMAN/ *IGG, analysis/ *IMMUNOGLOBULINS, HEAVY CHAIN, analysis/ *MYELOMA PROTEINS, analysis/ OXIDATION-REDUCTION/ TRYPSIN

7312. **Pontecorvo G:** Polyethylene glycol (PEG) in the production of mammalian somatic cell hybrids. Birth Defects 12(7):399–400, 1976
*CELL FUSION, drug effects/ FIBROBLASTS/ *GENETIC TECHNICS/ HUMAN/ HYBRID CELLS/ LYMPHOCYTES/ MOLECULAR WEIGHT/ *POLYETHYLENE GLYCOLS, pharmacodynamics/ TIME FACTORS/ TRYPSIN, metabolism

7313. **Ponticelli C, Maestri O, Imbasciati E, et al:** Late recovery of renal function in a woman with the hemolytic uremic syndrome. Clin Nephrol 8(2):367–70, Aug 77
ADULT/ CASE REPORT/ CONTRACEPTIVES, ORAL, COMBINED/ DIPYRIDAMOLE, administration & dosage/ ETHINYL ESTRADIOL, adverse effects/ FEMALE/ HEMODIALYSIS/ HEMOLYTIC-UREMIC SYNDROME, chemically induced/ HEMOLYTIC-UREMIC SYNDROME, pathology/ *HEMOLYTIC-UREMIC SYNDROME, therapy/ HEPARIN, administration & dosage/ HUMAN/ *KIDNEY FUNCTION TESTS/ KIDNEY GLOMERULUS, pathology/ NORGESTREL, adverse effects/ PHENINDIONE, administration & dosage

7314. **Pool J, Biggs R, Miller RG:** The estimation of the number of binding sites for antibody on antigen molecules with reference to factor VIII and its antibody. Thromb Haemostas 35(2):274–88, 30 Apr 76
ABSORPTION/ ANTIGEN-ANTIBODY REACTIONS/ *BINDING SITES, ANTIBODY/ *FACTOR VIII, immunology/ HUMAN/ MODELS, BIOLOGICAL

7315. **Pool JG:** Normal hemostatic mechanisms: a review. Am J Med Technol 43(8):776–80, Aug 77
BLOOD COAGULATION FACTORS/ BLOOD COAGULATION/ *HEMOSTASIS/ HUMAN/ LIVER, physiology/ NOMENCLATURE/ THROMBIN, physiology

7316. **Poole HH:** Drugs in infusion fluids. Drug Ther Bull 15(3):216–9, 4 Feb 77
AMINOPHYLLINE, administration & dosage/ DRUG COMBINATIONS/ DRUG INCOMPATIBILITY/ *DRUG THERAPY, adverse effects/ GLUCOSE, administration & dosage/ HEPARIN, administration & dosage/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *INFUSIONS, PARENTERAL, adverse effects/ INFUSIONS, PARENTERAL, nursing

7317. **Poon MC, Saito H, Ratnoff OD, et al:** Techniques for

demonstration of the specificity of circulating anticoagulants against antihemophilic factor (factor VIII), with studies of two cases possibly related to diphenylhydantoin therapy. Blood 49(3):477–82, Mar 77
ADULT/ *ANTICOAGULANTS, blood/ ANTICOAGULANTS, pharmacodynamics/ BLOOD COAGULATION TESTS/ CASE REPORT/ *DIPHENYLHYDANTOIN, therapeutic use/ EPILEPSY, drug therapy/ *FACTOR VIII, antagonists & inhibitors/ HUMAN/ IMMUNOGLOBULINS, analysis/ MALE/ MIDDLE AGE/ NEUTRALIZATION TESTS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7318. **Poon MC, Ratnoff OD:** Immunologic evidence that the antihemophilic factor (factor VIII)-like material in hemophilic plasma possesses a nonfunctional low molecular weight subcomponent. Blood 50(3):367–76, Sep 77
*FACTOR VIII, analysis/ *HEMOPHILIA, blood/ HUMAN/ IMMUNE SERUMS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PLATELET AGGREGATION/ RABBITS, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VON WILLEBRAND'S DISEASE, blood

7319. **Popa G, Pencea V, Iordăcheanu L:** Hipertiroidie asociată cu purpură trombocitopenică
Rev Med Intern [Med Intern] 28(4):255–60, Jul–Aug 76 (Eng. Abstr.) **(Rum)**
AUTOIMMUNE DISEASES/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, immunology/ HYPERTHYROIDISM, surgery/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOPENIC, immunology/ THYROIDECTOMY

7320. **Popescu ER, Martelo OJ:** Megathrombocytes and sickle cell anemia [letter]. Blood 49(3):490–1, Mar 77
*ANEMIA, SICKLE CELL, blood/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ HUMAN

7321. **Popescu P:** Anticoagulantele în boala coronariană
Rev Med Intern [Med Intern] 28(5):329–34, Sep–Oct 76 **(Rum)**
*ANTICOAGULANTS, therapeutic use/ *CORONARY DISEASE, drug therapy/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ THROMBOSIS, drug therapy/ VITAMIN K, antagonists & inhibitors

7322. **Popescu TA, Stef C, Moraru G, et al:** Dilute blood clot lysis time and electrophoretic lipoprotein fractions in a population sample of healthy Romanians.
Atherosclerosis 27(2):155–63, Jun 77
ADULT/ AGE FACTORS/ CHOLESTEROL, blood/ CLOT RETRACTION/ COMPARATIVE STUDY/ ELECTROPHORESIS, AGAR GEL/ FEMALE/ *FIBRINOLYSIS/ FOOD-PROCESSING INDUSTRY/ HUMAN/ HYPERLIPEMIA, blood/ *LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ MIDDLE AGE/ OBESITY, blood/ PSEUDOCHOLINESTERASE, blood/ RUMANIA/ SEX FACTORS/ TRIGLYCERIDES, blood

7323. **Poplack DG, Bonnard GD, Holiman BJ, et al:** Monocyte-mediated antibody-dependent cellular cytotoxicity: a clinical test of monocyte function.
Blood 48(6):809–16, Dec 76
ALDRICH SYNDROME, immunology/ ANEMIA, APLASTIC, immunology/ ANIMAL/ *ANTIBODY SPECIFICITY/ CHICKENS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ HUMAN/ *IMMUNITY, CELLULAR/ LEUKOCYTE COUNT/ *MONOCYTES, immunology

7324. **Popov VA:** Vliianie geparina i trasilola na morfologicheskie i nekotorye funktsional'nye sdvigi pri peritonite v eksperimente Eksp Khir Anesteziol (6):42–5, Nov–Dec 75 **(Rus)**
ANIMAL/ DOGS/ *HEPARIN, therapeutic use/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PERITONITIS, drug therapy/ PERITONITIS, metabolism/ PERITONITIS, pathology

7325. **Popov VA:** Vliianie geparina na aktivnyĭ transport gliukozy v tonkoĭ kishke pri peritonite. Patol Fiziol Eksp Ter (3):75–6, May–Jun 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BIOLOGICAL TRANSPORT, ACTIVE/ ENGLISH ABSTRACT/ *GLUCOSE, metabolism/ *HEPARIN, therapeutic use/ *INTESTINAL MUCOSA, metabolism/ MALE/ *PERITONITIS, drug therapy/ RATS

7326. **Popov-Cenic S, Müller N, Kladetzky RG, et al:** Durch Prämedikation, Narkose und Operation bedingte Anderungen des Gerinnungs- und Fibrinolysesystems und der Thrombozyten. Einfluss von Dextran und Hydroxyäthylstärke (HAS) während und nach Operation
Anaesthesist 26(2):77–84, Feb 77 (Eng. Abstr.) **(Ger)**
ADENOSINE DIPHOSPHATE/ *ANESTHETICS, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ *DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ FACTOR VIII/ FIBRINOLYSIS, drug effects/ HUMAN/ *HYDROXYETHYL STARCH, pharmacodynamics/ MALE/ PLATELET AGGREGATION/ PLATELET FACTOR 3/ PLATELET FACTOR 4/ *PREANESTHETIC MEDICATION/ *STARCH, analogs & derivatives/ *SURGERY, OPERATIVE

7327. **Popova LG, Zubairov DM, Zinkevich OD, et al:** Vliianie immobilizovannogo noradrenalina na arginin-ésterazu plazmy krovi cheloveka, aktiviruemuiu faktorom XII
Biokhimiia 42(3):403–7, Mar 77 (Eng. Abstr.) **(Rus)**
ARGININE/ CHROMATOGRAPHY, AFFINITY/ ENGLISH ABSTRACT/ *ESTERASES, blood/ *FACTOR XII/ HUMAN/ *NOREPINEPHRINE/ TANNIC ACID

7328. **Poquet Tormos J, Martínez Verduch M, Roques JL, et al:** Tratamiento local de los angiomas con corticoides
An Esp Pediatr 9(8):7–12, Nov 76 (Eng. Abstr.) **(Spa)**
CHILD/ CHILD, PRESCHOOL/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FACIAL NEOPLASMS, drug therapy/ *HEAD AND NECK NEOPLASMS, drug therapy/ *HEMANGIOMA, drug therapy/ HUMAN/ INFANT/ LIP NEOPLASMS, drug therapy/ PAROTID NEOPLASMS, drug therapy/ *TRIAMCINOLONE ACETONIDE, therapeutic use

7329. **Porati M, Ricci M, Ballabio R:** Tumori benigni gastrici. Su un caso di angiocavernoma gastrico torto Chir Ital 28(3):251–8, Jun 76 (Eng. Abstr.) **(Ita)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ *STOMACH NEOPLASMS, complications/ STOMACH NEOPLASMS, surgery/ TORSION

7330. **Porcelli G, Cozzari C, Di Iorio M, et al:** Isolation and partial characterization of a kallikrein from mouse submaxillary glands. Ital J Biochem 25(4):337–48, Jul–Aug 76
ANIMAL/ ESTERASES, metabolism/ *KALLIKREIN/ KALLIKREIN, isolation & purification/ KALLIKREIN, metabolism/ MALE/ MICE/ PEPTIDE HYDROLASES, metabolism/ *SUBMANDIBULAR GLAND, enzymology

7331. **Portelance V, Quevillon M, Page Y:** Reactions evoked in small animals by massive doses of BCG. pp. 125–32. In: Lamoureux G, et al., ed. BCG in cancer immunotherapy. New York, Grune & Stratton, 1976. QZ 266 I611 1976.
ACUTE DISEASE/ ANIMAL/ *ANIMALS, LABORATORY/ *BCG, immunology/ CHRONIC DISEASE/ *DERMATITIS, etiology/ GRANULOMA, etiology/ GUINEA PIGS/ HEMORRHAGE, etiology/ *LYMPHATIC DISEASES, etiology/ MICE/ MONKEYS/ MONOGRAPH/ *MYCOBACTERIUM BOVIS, immunology/ *PULMONARY EMBOLISM,

etiology/ TUBERCULIN TEST

7332. **Portelli C:** DNA-hsistones, a computer model. Acta Biotheor [A] (Leiden) 25(2-3):130-52, 1976
ADENOSINE TRIPHOSPHATE, physiology/ CODON/ COMPUTERS, DIGITAL/ *DNA, physiology/ ENERGY TRANSFER/ GENES/ *HISTONES, physiology/ HYDROGEN BONDING/ INFORMATION THEORY/ MAGNESIUM, physiology/ *MODELS, BIOLOGICAL/ NUCLEIC ACID CONFORMATION/ PROTAMINES/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP

7333. **Porter J, Jick H:** Drug-related deaths among medical inpatients. JAMA 237(9):879-81, 28 Feb 77
ADOLESCENCE/ ADULT/ AGED/ ANAPHYLAXIS, chemically induced/ ASTHMA, drug therapy/ CASE REPORT/ CEREBRAL HEMORRHAGE, chemically induced/ COMPARATIVE STUDY/ COSYNTROPIN, adverse effects/ COSYNTROPIN, therapeutic use/ DRUG THERAPY, adverse effects/ *DRUG THERAPY, mortality/ DRUGS, administration & dosage/ FEMALE/ HEMORRHAGE, chemically induced/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HOSPITALIZATION/ HUMAN/ *IATROGENIC DISEASE, occurrence/ MALE/ METHODS/ MIDDLE AGE/ PULMONARY EMBOLISM, drug therapy/ STREPTODORNASE AND STREPTOKINASE, adverse effects/ STREPTODORNASE AND STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ UNITED STATES

7334. **Porter JM, Goodnight SH Jr:** The rôle of the platelet in coagulation and clinical thrombotic events. Am J Surg 134(2):231-5, Aug 77
*BLOOD COAGULATION/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CELL SURVIVAL/ CEREBROVASCULAR DISORDERS, drug therapy/ CORONARY DISEASE, drug therapy/ DIPYRIDAMOLE, therapeutic use/ HEART VALVE PROSTHESIS/ HUMAN/ ISCHEMIA, drug therapy/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ THROMBOPHLEBITIS, drug therapy/ *THROMBOSIS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7335. **Porter JM, Goodnight SH Jr:** The clinical use of fibrinolytic agents. Am J Surg 134(2):217-21, Aug 77
HUMAN/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ PHLEBOGRAPHY/ *PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, pharmacodynamics/ *STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UROKINASE, pharmacodynamics/ *UROKINASE, therapeutic use

7336. **Ports TA, Deuel TF:** Intravascular coagulation in fresh-water submersion: report of three cases. Ann Intern Med 87(1):60-1, Jul 77
ACIDOSIS, blood/ ADULT/ BLOOD COAGULATION TESTS/ BLOOD GAS ANALYSIS/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEPARIN, administration & dosage/ HUMAN/ *IMMERSION/ IMMERSION, adverse effects/ MALE/ MIDDLE AGE/ PNEUMONIA, ASPIRATION, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7337. **(Porushennia hemostazu v akusherstvi ta ikh korektsiia.), Mikhailenko ET, Pavlovski DP:** [Hemostatic disorders in obstetrics and their correction] Pediatr Akush Ginekol (2):33-8, Mar-Apr 77 **(Ukr)**
BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION DISORDERS, therapy/ BLOOD TRANSFUSION/ DELIVERY/ DRUG THERAPY, COMBINATION/ FEMALE/ FIBRINOGEN, therapeutic use/ FIBRINOLYSIS/ *HEMOSTASIS/ HEMOSTATIC TECHNICS/ HEPARIN, therapeutic use/ HUMAN/ *LABOR COMPLICATIONS, therapy/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ PREGNANCY/ PUERPERAL DISORDERS, etiology/ PUERPERAL DISORDERS, therapy/ THROMBOPLASTIN, physiology/ UTERINE HEMORRHAGE, etiology/ UTERINE HEMORRHAGE, therapy

7338. **Poser S, Ritter G:** Juristische Aspekte des Antikoagulantienzwischenfalls Dtsch Med Wochenschr 102(23):878-9, 10 Jun 77 **(Ger)**
*ANTICOAGULANTS, adverse effects/ GERMANY, WEST/ HUMAN/ JURISPRUDENCE/ MALE/ MALPRACTICE/ MIDDLE AGE/ PARAPLEGIA, etiology/ SPINAL PUNCTURE, adverse effects

7339. **Pospelova RA:** Znachenie trombotsitopenicheskogo i leukotsitopenicheskogo testa v diagnostike pishchevoĭ allergii Lab Delo (9):542-4, 1976 **(Rus)**
CELL COUNT/ FOOD HYPERSENSITIVITY, blood/ *FOOD HYPERSENSITIVITY, diagnosis/ HUMAN/ *LEUKOPENIA, diagnosis/ *THROMBOPENIA, diagnosis

7340. **Post M:** Surgery of hemophiliacs--20 years' experience. Invited commentary. World J Surg 1(1):67, Jan 77
FACTOR IX/ FACTOR VIII/ HEMATOMA, prevention & control/ *HEMOPHILIA, complications/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *SURGERY, OPERATIVE

7341. **Postlethwaite AE, Snyderman R, Kang AH:** The chemotactic attraction of human fibroblasts to a lymphocyte-derived factor. J Exp Med 144(5):1188-203, 2 Nov 76
CELL LINE/ *CHEMOTAXIS/ EDTA, pharmacodynamics/ *FIBROBLASTS, physiology/ HEAT/ HUMAN/ HYPERSENSITIVITY, DELAYED, immunology/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ *LYMPHOCYTES, physiology/ LYMPHOKINES, analysis/ *LYMPHOKINES, physiology/ MACROPHAGES, physiology/ NEURAMINIDASE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7342. **Postlethwaite AE, Kang AH:** Guinea pig lymphocyte-derived macrophage aggregation factor: its separation from macrophage migration inhibitory factor. J Immunol 117(5 Pt 1):1651-5, Nov 76
ANIMAL/ *CELL AGGREGATION/ CELLS, CULTURED/ CHROMATOGRAPHY, GEL/ GUINEA PIGS/ *LYMPHOCYTES, immunology/ *LYMPHOKINES, isolation & purification/ LYMPHOKINES, pharmacodynamics/ *MACROPHAGES, immunology/ MALE/ *MIGRATION INHIBITORY FACTOR, analysis/ MOLECULAR WEIGHT/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7343. **Postlethwaite JC:** The importance of plasma fibrinogen in vascular surgery. Ann R Coll Surg Engl 58(6):457-64, Nov 76
ANIMAL/ ARVIN, pharmacodynamics/ BLOOD FLOW VELOCITY/ BLOOD VESSELS, anatomy & histology/ BLOOD VISCOSITY, drug effects/ BODY TEMPERATURE/ CLOFIBRATE, pharmacodynamics/ DEPRESSION, CHEMICAL/ *FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN/ INTERMITTENT CLAUDICATION, drug therapy/ POSTOPERATIVE COMPLICATIONS/ RABBITS/ *VASCULAR SURGERY

7344. **Postlethwaite JC, Goyle KB, Dormandy JA, et al:** Improvement in experimental vascular graft patency by controlled defibrinogenation. Br J Surg 64(1):28-30, Jan 77
ANIMAL/ *ARVIN, pharmacodynamics/ *BLOOD VESSEL PROSTHESIS/ *FIBRINOGEN/ FIBRINOGEN, analysis/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ POLYETHYLENE TEREPHTHALATE/ RABBITS/ VENA CAVA, INFERIOR, surgery

7345. **Postlethywaite AE, Townes AS, Kang AH:** Characterization of macrophage migration inhibitory factor activity produced in vivo by a cell-mediated immune reaction in the guinea pig. J Immunol 117(5 Pt 1):1716–20, Nov 76
ANIMAL/ ANTIGENS/ *CHEMOTAXIS, LEUKOCYTE/ GUINEA PIGS/ HORSERADISH PEROXIDASE, immunology/ HYPERSENSITIVITY, DELAYED/ *IMMUNITY, CELLULAR/ *MACROPHAGES, immunology/ *MIGRATION INHIBITORY FACTOR, analysis/ MOLECULAR WEIGHT/ PERITONEAL FLUID, cytology/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7346. **Postovit VA, Shcheglova SA:** Dlitel'naia obturatsionnaia zheltukha na pochva vnutriorgannykh angiom pecheni Klin Med (Mosk) 54(6):111–4, Jun 76 **(Rus)**
CASE REPORT/ FEMALE/ *HEMANGIOMA, complications/ HUMAN/ *JAUNDICE, OBSTRUCTIVE, etiology/ *LIVER NEOPLASMS, complications/ MIDDLE AGE/ TIME FACTORS

7347. **Postovit VA, Osipov LN, Zhurkin AT:** Analiz nekotorykh kliniko-laboratornykh pokazateleĭ pechenochnoĭ komy u bol'nykh s khronicheskimi porazheniiami pecheni Ter Arkh 48(10):104–8, 1976 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ ALANINE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD CELL COUNT/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FEMALE/ *HEPATIC COMA, diagnosis/ HEPATIC COMA, etiology/ HEPATITIS, VIRAL, HUMAN, complications/ HUMAN/ LIVER CIRRHOSIS, complications/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ PROTHROMBIN, analysis

7348. **Potvliege PR, Bourgain RH:** Thrombosis induced in vivo in the mesenteric artery of rats. An electron microscopic study of the initial phases. Br J Exp Pathol 57(6):722–32, Dec 76
ADENOSINE DIPHOSPHATE, administration & dosage/ ADENOSINE DIPHOSPHATE, adverse effects/ ANIMAL/ ELECTRIC STIMULATION/ FIBRIN/ MALE/ *MESENTERIC ARTERIES, ultrastructure/ MICROSCOPY, ELECTRON/ PLATELET AGGREGATION, drug effects/ RATS/ THROMBOSIS, chemically induced/ *THROMBOSIS, pathology

7349. **Poulias GE, Polemis L, Skoutas B, et al:** Acute venous occlusion within the scope of justified surgical aggression. (Eight years experience with review of respective literature). J Cardiovasc Surg (Torino) 18(4):379–86, Jul-Aug 77
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ CHILD/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ NEOPLASMS, complications/ PULMONARY EMBOLISM, complications/ THROMBOPHLEBITIS, mortality/ *THROMBOPHLEBITIS, surgery/ *VENA CAVA, INFERIOR, surgery

7350. **Poulsen JS, Surynek J:** Acid-base status of cattle blood. Sampling and storing. Nord Vet Med 29(6):271–83, Jun 77
*ACID-BASE EQUILIBRIUM/ ANIMAL/ *BLOOD SPECIMEN COLLECTION, veterinary/ *CATTLE, blood/ HEPARIN, pharmacodynamics/ LACTATES, blood/ PARTIAL PRESSURE/ POTASSIUM, blood/ SODIUM FLUORIDE, pharmacodynamics/ TEMPERATURE/ TIME FACTORS

7351. **Pour P, Mohr U, Cardesa A, et al:** Spontaneous tumors and common diseases in two colonies of Syrian hamsters. II. Respiratory tract and digestive system.
J Natl Cancer Inst 56(5):937–48, May 76
ADENOCARCINOMA, pathology/ ANIMAL/ CHOLANGIOMA, pathology/ FEMALE/ *GASTROINTESTINAL NEOPLASMS, occurrence/ GASTROINTESTINAL NEOPLASMS, pathology/ *HAMSTERS/ HEMANGIOENDOTHELIOMA, pathology/ HEPATOMA, pathology/ LARYNGEAL NEOPLASMS, pathology/ LIVER NEOPLASMS, pathology/ MALE/ *MESOCRICETUS/ NEOPLASMS, EXPERIMENTAL, occurrence/ NEOPLASMS, EXPERIMENTAL, pathology/ NOSE NEOPLASMS, pathology/ PAPILLOMA, pathology/ POLYPS, pathology/ *RESPIRATORY TRACT NEOPLASMS, occurrence/ RESPIRATORY TRACT NEOPLASMS, pathology/ SEX FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7352. **Pour P, Mohr U, Altoff J, et al:** Spontaneous tumors and common diseases in two colonies of Syrian hamsters. IV. Vascular and lymphatic systems and lesions of other sites.
J Natl Cancer Inst 56(5):963–74, May 76
ANIMAL/ BONE NEOPLASMS, occurrence/ FEMALE/ *HAMSTERS/ HARDERIAN GLAND/ *HEMANGIOENDOTHELIOMA, occurrence/ LIVER NEOPLASMS, pathology/ *LYMPHOMA, occurrence/ LYMPHOMA, pathology/ MALE/ *MESOCRICETUS/ *NEOPLASMS, EXPERIMENTAL, occurrence/ NEOPLASMS, EXPERIMENTAL, pathology/ SEX FACTORS/ SKIN NEOPLASMS, occurrence/ SOFT TISSUE NEOPLASMS, occurrence/ SPECIES SPECIFICITY/ SPLENIC NEOPLASMS, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VASCULAR DISEASES, occurrence/ VASCULAR DISEASES, pathology

7353. **Pourcelot L, Ribadeau-Dumas JL, Fagret D, et al:** Apport de l'examen Doppler dans le diagnostic du vol sous-clavier. Rev Neurol (Paris) 133(5):309–23, May 77 **(Fre)**
AGED/ CAROTID ARTERY DISEASES, diagnosis/ CASE REPORT/ CEREBRAL ARTERY DISEASES, diagnosis/ CEREBROVASCULAR DISORDERS, diagnosis/ DOPPLER EFFECT/ HUMAN/ MIDDLE AGE/ NECK, blood supply/ SUBCLAVIAN ARTERY/ *SUBCLAVIAN STEAL SYNDROME, diagnosis/ *THROMBOSIS, diagnosis/ *ULTRASONICS, diagnostic use/ *VASCULAR DISEASES, diagnosis

7354. **Powell GF, Kurosky A, Maniscalco RM:** Prolidase deficiency: report of a second case with quantitation of the excessively excreted amino acids. J Pediatr 91(2):242–6, Aug 77
AMINO ACIDS, urine/ *AMINOACIDURIA, RENAL, enzymology/ CASE REPORT/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ DERMATITIS, enzymology/ FEMALE/ HUMAN/ LEUKOCYTES, enzymology/ OTITIS MEDIA, enzymology/ *PEPTIDE HYDROLASES, deficiency/ SINUSITIS, enzymology/ SPLENOMEGALY, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7355. **Powell ML, Pope B, Elmer GW, et al:** Biliary excretion of warfarin metabolites and their metabolism by rat gut flora. Life Sci 20(1):171–7, 1 Jan 77
ANIMAL/ BACTERIA, metabolism/ *BILE, metabolism/ FECES, analysis/ GLUCURONIDASE, metabolism/ HYDROGEN-ION CONCENTRATION/ *INTESTINES, microbiology/ RATS/ WARFARIN, analogs & derivatives/ *WARFARIN, metabolism/ WARFARIN, urine

7356. **Powell-Jackson PR:** Interaction between azapropazone and warfarin. Br Med J 1(6070):1193–4, 7 May 77
*APAZONE, pharmacodynamics/ CASE REPORT/ DRUG INTERACTIONS/ FEMALE/ HUMAN/ MIDDLE AGE/ *TRIAZINES, pharmacodynamics/ *WARFARIN, pharmacodynamics

7357. **Pradel E, Delaitre B, Rosier JP, et al:** Les hémangiomes du côlon. A propos d'un hémangiome du caecum à forme tumorale non hémorragique Sem Hop Paris 52(7):429–33, 16 Feb 76 **(Fre)**
ADULT/ CASE REPORT/ *CECAL NEOPLASMS, diagnosis/ CECAL NEOPLASMS, surgery/ CECUM, pathology/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HUMAN/ MALE

7358. **Prado ES, Sampaio MU, Galembeck F, et al:** Striking susceptibility of a kinin-yielding pentadeca-peptide to

tryptic hydrolysis. Biochem Biophys Res Commun 72(1):100–7, 7 Sep 76
AMINO ACIDS, analysis/ KINETICS/ *KININS, metabolism/ *PEPTIDES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN

7359. **Praetorius F:** Streptokinase and serum enzyme activity in myocardial infarction. Br Med J 1(6067):1005, 16 Apr 77
*ALANINE AMINOTRANSFERASE, blood/ *ASPARTATE AMINOTRANSFERASE, blood/ HUMAN/ *MYOCARDIAL INFARCT, enzymology/ *STREPTOKINASE, therapeutic use

7360. **Prahl JW:** The complement system: a progress report. Prog Clin Biol Res 5:43–67, 1976
ANIMAL/ BINDING SITES, ANTIBODY/ BLOOD COAGULATION/ COMPLEMENT 3, isolation & purification/ COMPLEMENT 3, physiology/ *COMPLEMENT/ COMPLEMENT, metabolism/ COMPLEMENT, antagonists & inhibitors/ COMPLEMENT, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ MICE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7361. **Prange CA, Green C, Nitecki DE, et al:** Antigen-binding lymphocytes in guinea pigs. I.B cell expansion to the monovalent antigen L-tyrosine-p-azophenyl trimethylammonium (tyr(TMA)) in the absence of antibody production. J Immunol 118(4):1311–6, Apr 77
ANIMAL/ ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ ANTIGENIC DETERMINANTS/ *ANTIGENS/ *B-LYMPHOCYTES, immunology/ BINDING SITES, ANTIBODY/ CELL DIVISION/ CELL MEMBRANE, immunology/ CLONE CELLS, immunology/ FEMALE/ GAMMA GLOBULINS/ GUINEA PIGS/ IGG/ IGM/ IMMUNITY, CELLULAR/ IMMUNOGLOBULINS, SURFACE/ MACROPHAGES, immunology/ MALE/ T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics/ *TYROSINE, analogs & derivatives/ TYROSINE, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7362. **Prange CA, Fiedler J, Nitecki DE, et al:** Inhibition of T-antigen-binding cells by idiotypic antisera. J Exp Med 146(3):766–78, 1 Sep 77
ANIMAL/ *ANTIGENS/ B-LYMPHOCYTES, immunology/ BINDING SITES/ FEMALE/ GUINEA PIGS/ IGG/ IGM/ IMMUNE SERUMS/ MALE/ RECEPTORS, DRUG, biosynthesis/ T-LYMPHOCYTES, drug effects/ *T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7363. **Pratesi F:** Inquadramento nosologico delle flebopatie degli arti Recent Prog Med (Roma) 60(1):1–12, Jan 76 (Eng. Abstr.) **(Ita)**
AGED/ ENGLISH ABSTRACT/ EXTREMITIES/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBITIS, complications/ TELANGIECTASIS, complications/ THROMBOPHLEBITIS, complications/ VARICOSE ULCER/ VARICOSE VEINS, complications/ *VASCULAR DISEASES, classification/ VASCULAR DISEASES, complications/ *VEINS/ VENOUS INSUFFICIENCY, etiology

7364. **Prats M:** Proteolysis of L-(+)-lactate cytochrome c oxidoreductase (cytochrome b2) extracted from Saccharomyces cerevisiae and Hansenula anomala yeasts. Eur J Biochem 75(2):619–25, 16 May 77
*ASCOMYCETES, enzymology/ CYTOCHROME C/ *CYTOCHROMES/ CYTOCHROMES, isolation & purification/ CYTOCHROMES, metabolism/ FLAVINS, analysis/ *HANSENULA, enzymology/ HEME, analysis/ *LACTATE DEHYDROGENASE/ LACTATE DEHYDROGENASE, isolation & purification/ LACTATE DEHYDROGENASE, metabolism/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *SACCHAROMYCES CEREVISIAE, enzymology/ SPECIES SPECIFICITY/ TRYPSIN

7365. **Pratt GH:** The diagnosis and treatment of the pathologic venous system in the lower extremities. Milit Med 142(2):139–44, Feb 77
HUMAN/ METHODS/ POSTOPERATIVE COMPLICATIONS/ SAPHENOUS VEIN, surgery/ THROMBOPHLEBITIS, surgery/ VARICOSE VEINS, diagnosis/ *VARICOSE VEINS, surgery

7366. **Pratt ML:** Blood bank's link to OR. AORN J 25(6):1058–68, May 77
ANTIGEN-ANTIBODY REACTIONS/ *BLOOD BANKS/ BLOOD CELLS/ BLOOD COAGULATION DISORDERS/ BLOOD PLATELETS/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ HEPATITIS B, transmission/ HISTOCOMPATIBILITY TESTING/ HUMAN/ LEUKOCYTES/ *SURGERY, OPERATIVE

7367. **Prechtel K, Beil E, Kronseder A:** Megakaryozytäre Myelose Klinik und Morphologie Dtsch Med Wochenschr 102(23):853–7, 10 Jun 77 (Eng. Abstr.) **(Ger)**
ADULT/ AGE FACTORS/ AGED/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGIC THROMBOCYTHEMIA, blood/ HEMORRHAGIC THROMBOCYTHEMIA, complications/ HEMORRHAGIC THROMBOCYTHEMIA, pathology/ HUMAN/ LEUKEMIA, MYELOCYTIC, complications/ MALE/ MIDDLE AGE/ POLYCYTHEMIA VERA, complications/ SEX FACTORS/ SPLENOMEGALY, complications/ THROMBOEMBOLISM, complications

7368. **Predecki P, Russell PA:** Blood-compatible materials by fluid perfusion. J Biomed Mater Res 11(5):767–86, Sep 77
*ALUMINUM SILICATES/ *BIOCOMPATIBLE MATERIALS/ BLOOD PROTEINS/ HUMAN/ PLATELET ADHESIVENESS/ *POLYTETRAFLUOROETHYLENE/ SOLUTIONS/ *THROMBOSIS, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7369. **Preiss G, Brunner P, Tulusan AH:** Die pulmonale Silikonembolie. Lichtoptische, elektronenmikroskopische und enzymhistochemische Untersuchungen an der Kaninchenlunge Virchows Arch [Pathol Anat] 373(1):55–65, 18 Feb 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ CAPILLARIES, ultrastructure/ ENDOTHELIUM, ultrastructure/ ENGLISH ABSTRACT/ FOREIGN BODY REACTION, pathology/ HISTOCYTOCHEMISTRY/ LUNG, blood supply/ LUNG, enzymology/ *LUNG, ultrastructure/ MACROPHAGES, ultrastructure/ MICROSCOPY, ELECTRON/ PULMONARY EMBOLISM, chemically induced/ PULMONARY EMBOLISM, enzymology/ *PULMONARY EMBOLISM, pathology/ RABBITS/ *SILICONES

7370. **Prendergast FG, Mann KG:** Differentiation of metal ion-induced transitions of prothrombin fragment 1. J Biol Chem 252(3):840–50, 10 Feb 77
ANIMAL/ BINDING SITES/ *CALCIUM/ CATTLE/ *GADOLINIUM/ HUMAN/ KINETICS/ MACROMOLECULAR SYSTEMS/ *MAGNESIUM/ *MANGANESE/ PEPTIDE FRAGMENTS/ PHOSPHOLIPIDS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *PROTHROMBIN/ SPECIES SPECIFICITY/ SPECTROMETRY, FLUORESCENCE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7371. **Prentice CR:** Heparin and disseminated intravascular coagulation. pp. 219–28.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
*DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRIN, metabolism/ *HEPARIN, therapeutic use/ HUMAN/ LIVER DISEASES, complications/ MONOGRAPH/ NEOPLASMS, complications/ PREGNANCY COMPLICATIONS/ PREGNANCY/ SEPTICEMIA, complications/

SHOCK, complications/ SNAKE BITES, complications/ SNAKE VENOMS, toxicity

7372. **Presant CA, Klahr C, Olander J, et al:** Amphotericin B plus 1,3-bis (2-chloroethyl)-1-nitrosourea (BCNU-NSC no. 409962) in advanced cancer. Phase I and preliminary phase II results. Cancer 38(5):1917-21, Nov 76
AMPHOTERICIN B, adverse effects/ *AMPHOTERICIN B, therapeutic use/ BLOOD PLATELETS, drug effects/ BONE MARROW, drug effects/ CARMUSTINE, adverse effects/ *CARMUSTINE, therapeutic use/ DRUG THERAPY, COMBINATION/ GRANULOCYTES, drug effects/ HUMAN/ NEOPLASM METASTASIS/ *NEOPLASMS, drug therapy/ NEOPLASMS, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7373. **Prescott JM, Wagner FW:** Leucostoma peptidase A. Methods Enzymol 45:397-404, 1976
AMINO ACIDS, analysis/ ANIMAL/ CALCIUM, analysis/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ HEMOGLOBINS/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *SNAKE VENOMS/ SNAKE VENOMS, isolation & purification/ SNAKE VENOMS, metabolism/ ZINC, analysis

7374. **Preussner S, Konrad H, Frick G, et al:** Zur Thrombozytenkinetik vor und nach Goldtherapie bei Rheumatoidarthritis Folia Haematol (Leipz) 103(5):707-14, 1976 (Eng. Abstr.) **(Ger)**
*ARTHRITIS, RHEUMATOID, drug therapy/ *BLOOD PLATELETS, drug effects/ CELL SURVIVAL, drug effects/ ENGLISH ABSTRACT/ *GOLD, therapeutic use/ HUMAN/ INDOMETHACIN, therapeutic use/ LIVER, cytology/ MYOCARDIUM, cytology/ SPLEEN, cytology

7375. **Previato G, Lupo A, Lo Schiavo C, et al:** Coagulazione intravascolare. Causa potenziale di uremia reversibile nelle nefropatie croniche Minerva Nefrol 23(1):30-43, Jan-Feb 76 (Eng. Abstr.) **(Ita)**
CASE REPORT/ CHRONIC DISEASE/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY DISEASES, complications/ MALE/ MIDDLE AGE/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY/ PROGNOSIS/ *UREMIA, etiology

7376. **Prexl HJ, Suppan G, Kronberger D, et al:** Prospektive Untersuchung der Häufigkeit postoperativer Beinvenenthrombosen und ihre medikamentöse Beeinflussung durch Aescin Wien Klin Wochenschr 88(10):326-9, 14 May 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ CHILD/ DRUG EVALUATION/ ENGLISH ABSTRACT/ *ESCIN, therapeutic use/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *SAPONINS, therapeutic use/ *THROMBOSIS, prevention & control

7377. **Price DG:** Pulmonary embolism. Prophylaxis diagnosis and treatment. Anaesthesia 31(7):925-32, Sep 76
CARDIOPULMONARY BYPASS/ DEXTRAN, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ LIGATION/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, therapy/ RADIONUCLIDE IMAGING/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, prevention & control/ VENA CAVA, INFERIOR

7378. **Price TH, Dale DC:** Neutrophil preservation: the effect of short-term storage on in vivo kinetics. J Clin Invest 59(3):475-80, Mar 77
ANIMAL/ *BLOOD PRESERVATION/ CELL MOVEMENT/ FEMALE/ KINETICS/ MALE/ *NEUTROPHILS/ RABBITS/ TEMPERATURE/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7379. **Prieto F, Badia L, Orellana F, et al:** La densitometría en el diagnóstico de las aberraciones cromosómicas Sangre (Barc) 21(3):499-504, 1976 (Eng. Abstr.) **(Spa)**
AZURE STAINS/ *CHROMOSOME ABNORMALITIES, diagnosis/ DENSITOMETRY, methods/ ENGLISH ABSTRACT/ HUMAN/ TRYPSIN, diagnostic use

7380. **Principe DD, Menichelli A, Damiano AM, et al:** The effect of 2,3-diphosphoglycerate on oxygen consumption burst in thrombin-stimulated platelets. Clin Chim Acta 75(2):325-9, 1 Mar 77
ADULT/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ *DIPHOSPHOGLYCERIC ACIDS, pharmacodynamics/ HUMAN/ KINETICS/ *OXYGEN CONSUMPTION, drug effects/ PLATELET AGGREGATION, drug effects/ THROMBIN, pharmacodynamics/ *THROMBIN, physiology

7381. **Pritchard JA, Cunningham FG, Mason RA:** Does coagulation have a causative role in eclampsia? Perspect Nephrol Hypertens 5:95-102, 1976
ADOLESCENCE/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD PLATELETS/ CASE REPORT/ *ECLAMPSIA, blood/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HEMOLYSIS/ HUMAN/ PREGNANCY/ THROMBIN

7382. **Privett OS, Phillips F, Shimasaki H, et al:** Studies of effects of trans fatty acids in the diet on lipid metabolism in essential fatty acid deficient rats. Am J Clin Nutr 30(7):1009-17, Jul 77
ANIMAL/ BODY WEIGHT/ CHOLESTEROL ESTERS, metabolism/ COCONUT/ *DIETARY FATS/ FATTY ACIDS, metabolism/ *FATTY ACIDS, ESSENTIAL, deficiency/ *FATTY ACIDS, UNSATURATED, pharmacodynamics/ FATTY ACIDS, UNSATURATED, adverse effects/ LECITHIN ACYLTRANSFERASE, blood/ LINOLEIC ACIDS, pharmacodynamics/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, blood/ LIVER, metabolism/ MALE/ RATS/ SAFFLOWER OIL/ STEREOISOMERS/ TESTIS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7383. **Probst P, Pachinger O:** 'Kontrastmittelextravasate' in der Koronarangiographie Demonstration von zwei seltenen Fällen Wien Klin Wochenschr 89(3):81-3, 4 Feb 77 (Eng. Abstr.) **(Ger)**
ANGIOCARDIOGRAPHY/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEART ANEURYSM, diagnosis/ HEART CATHETERIZATION/ *HEART VENTRICLE/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOSIS, diagnosis

7384. **Proca E:** Haemangioma of the bladder. Br J Urol 49(1):60, Feb 77
*BLADDER NEOPLASMS, pathology/ CASE REPORT/ CHILD/ FEMALE/ *HEMANGIOMA, CAVERNOUS, pathology/ HUMAN

7385. **Prochorow M, Fiederowicz-Fabrycy I, Sochacka-Kuzko B, et al:** Układ hemostatyczny w cukrzycy u dzieci i dorosłych Pol Tyg Lek 32(8):317-9, 21 Feb 77 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *BLOOD COAGULATION/ CHILD/ *DIABETES MELLITUS, blood/ *DIABETES MELLITUS, JUVENILE, blood/ ENGLISH ABSTRACT/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRINOLYSIS/ HUMAN/ MIDDLE AGE

7386. **Prodrom I, Popa O, Răileanu I, et al:** Valoarea diagnostică a fibrinogenemiei în leptospiroză Rev Ig [Bacteriol] 21(3):181-4, Jul-Sep 76 (Eng. Abstr.) **(Rum)**
ENGLISH ABSTRACT/ *FIBRINOGEN/ FIBRINOGEN, analysis/ HUMAN/ LEPTOSPIROSIS, blood/ *LEPTOSPIROSIS, diagnosis

7387. **Prodrom I, Răileanu I, Popa O, et al:** Considerații terapeutice

in leptospiroza gravă Rev Ig [Bacteriol] 21(4):241–5, Oct–Dec 76 (Eng. Abstr.) **(Rum)**
ADULT/ AGED/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ ENGLISH ABSTRACT/ *FUROSEMIDE, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *KIDNEY FAILURE, ACUTE, drug therapy/ KIDNEY FAILURE, ACUTE, etiology/ LEPTOSPIROSIS, complications/ *LEPTOSPIROSIS, drug therapy/ MALE

7388. **Prof. Aiuto G:** Problemi di epidemiologia dell'arteriosclerosi. Analisi dei fattori di rischio in vista di una possibile terapia Minerva Med 67(62):4059–118, 22 Dec 76 **(Ita)**
ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ *ARTERIOSCLEROSIS, occurrence/ ARTERIOSCLEROSIS, therapy/ ASPIRIN, therapeutic use/ BLOOD PLATELET DISORDERS, complications/ CHOLESTYRAMINE, therapeutic use/ DEXTROTHYROXINE, therapeutic use/ DIABETES MELLITUS, complications/ DIET, REDUCING/ EUROPE/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ HYPERLIPEMIA, complications/ HYPERTENSION, complications/ NICOTINIC ACIDS, therapeutic use/ NORTH AMERICA/ OBESITY, complications/ PHOSPHOLIPIDS, therapeutic use/ PLATELET AGGREGATION/ SMOKING, complications

7389. **Prokopyshin MV:** Narushenie sosudistoĭ pronitsaemosti u bol'nykh s posttromboflebiticheskim sindromom Vrach Delo (9):61–4, Sep 76 (Eng. Abstr.) **(Rus)**
ADULT/ *CAPILLARY PERMEABILITY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, complications/ VENOUS INSUFFICIENCY, etiology/ *VENOUS INSUFFICIENCY, physiopathology

7390. **Prompt CA, Lee DB, Upham AT, et al:** Medical complications of renal transplantation. Part II. Noninfectous complications in recipient. Urology 9(6 Suppl):32–48, Jun 77
ADRENAL CORTEX HORMONES, adverse effects/ ANEMIA, HEMOLYTIC, etiology/ CARDIOVASCULAR DISEASES, etiology/ CENTRAL NERVOUS SYSTEM DISEASES, etiology/ DIABETES MELLITUS, chemically induced/ EYE DISEASES, etiology/ GASTROINTESTINAL DISEASES, etiology/ HUMAN/ HYPERLIPEMIA, etiology/ HYPERPARATHYROIDISM, SECONDARY, etiology/ HYPERTENSION, etiology/ IMMUNOSUPPRESSION, adverse effects/ *KIDNEY, transplantation/ LIPOPROTEIN LIPASE, metabolism/ LUNG DISEASES, etiology/ NEOPLASMS, etiology/ OSTEONECROSIS, etiology/ POLYCYTHEMIA, etiology/ *POSTOPERATIVE COMPLICATIONS/ THROMBOEMBOLISM, etiology/ TRANSPLANTATION, HOMOLOGOUS/ UREMIA, complications

7391. **Pross SH, Klein TW, Fishel CW:** Ribonucleoside and nucleotide components of normal human blood lymphocytes and platelets. Proc Soc Exp Biol Med 154(4):508–12, Apr 77
B-LYMPHOCYTES, analysis/ *BLOOD PLATELETS, analysis/ CHROMATOGRAPHY, HIGH SPEED LIQUID/ HUMAN/ *LYMPHOCYTES, analysis/ *NUCLEOSIDES, blood/ *NUCLEOTIDES, blood/ T-LYMPHOCYTES, analysis

7392. **Prost-Dvojakovic RJ, Lecrubier C, Lanoe R, et al:** Etude de l'agrégation plaquettaire et du facteur Willebrand chez 32 diabétiques insulinodépendants. Intérêt de la mesure de la pression de filtration en présence d'ADP Journ Annu Diabetol Hotel Dieu :239–47, May 76 **(Fre)**
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION FACTORS, analysis/ *DIABETES MELLITUS, blood/ FEMALE/ FILTRATION/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION, drug effects/ *VON WILLEBRAND FACTOR, analysis

7393. **Protell RL, Silverstein FE, Piercey J, et al:** A reproducible animal model of acute bleeding ulcer–the 'ulcer maker'. Gastroenterology 71(6):961–4, Dec 76
ANIMAL/ *DISEASE MODELS, ANIMAL/ DOGS/ HEPARIN, therapeutic use/ *PEPTIC ULCER HEMORRHAGE/ PEPTIC ULCER HEMORRHAGE, drug therapy/ *STOMACH ULCER/ STOMACH ULCER, drug therapy/ SUCTION, instrumentation/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7394. **Protsenko VA, Karpitskiĭ VV, Bogodel'nikov IV:** Ispol'zovanie antitel k tripsinu i kallikreinu kak uzkonapravlennykh ingibitorov ikh kininogenaznogo deĭstviia Patol Fiziol Eksp Ter (4):76–8, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD PRESSURE, drug effects/ DOGS/ ENGLISH ABSTRACT/ IMMUNE SERUMS, pharmacodynamics/ *KALLIKREIN, antagonists & inhibitors/ *KALLIKREIN, immunology/ PRECIPITINS/ TIME FACTORS/ *TRYPSIN INHIBITORS, pharmacodynamics/ *TRYPSIN, immunology

7395. **Protsenko VA, Dotsenko SM, Karpitskiĭ VV, et al:** Syvorotochnye ingibitory tripsina i titr autoantitel k nemu pri gipertripsinemii Patol Fiziol Eksp Ter (2):77–8, Mar–Apr 76 (Eng. Abstr.) **(Rus)**
*ALPHA 1-ANTITRYPSIN, analysis/ ANIMAL/ *AUTOANTIBODIES, isolation & purification/ BINDING SITES, ANTIBODY/ DOGS/ ENGLISH ABSTRACT/ RABBITS/ *TRYPSIN, blood/ TRYPSIN, immunology

7396. **Protsenko VA, Bogadel'nikov IV, Krivoshein IuS, et al:** Kil'kisna kharakterystyka antytryptychnoï iemnosti syrovatky krovi Ukr Biokhim Zh 49(2):113–6, Mar–Apr 77 (Eng. Abstr.) **(Ukr)**
ENGLISH ABSTRACT/ RABBITS/ *TRYPSIN INHIBITORS, blood

7397. **Prowse CV, Esnouf MP:** The isolation of a new warfarin-sensitive protein from bovine plasma. Biochem Soc Trans 5(1):255–6, 1977
AMINO ACIDS, analysis/ ANIMAL/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD COAGULATION FACTORS, metabolism/ CATTLE/ FACTOR X, isolation & purification/ FACTOR X, metabolism/ MOLECULAR WEIGHT/ PLATELET AGGREGATION/ *WARFARIN, pharmacodynamics

7398. **Prupas HM:** Therapeutics. Guidelines for heparin administration in thromboembolic disease. Postgrad Med 62(2):157–61, Aug 77
BLOOD COAGULATION TESTS/ BLOOD COAGULATION/ COMPARATIVE STUDY/ *HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, SUBCUTANEOUS/ *THROMBOEMBOLISM, drug therapy

7399. **Prusakov VA, Mitrofanov GG, Komarov BA:** Kriokhirurgiia gemangiom polosti rta i litsa Stomatologiia (Mosk) 55(4):49–52, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ ANIMAL/ *CRYOGENIC SURGERY/ CRYOGENIC SURGERY, adverse effects/ CRYOGENIC SURGERY, instrumentation/ ENGLISH ABSTRACT/ *FACIAL NEOPLASMS, surgery/ FEMALE/ *HEMANGIOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ *MOUTH NEOPLASMS, surgery/ RABBITS/ TIME FACTORS

7400. **Pruszczyński M, Szmigielska H, Mikucka B:** Badania procesu gojenia się ran narządów wewnętrznych po zastosowaniu polskiej hemostatycznej gąbki żelatynowo-skrobiowej. Polim Med 7(1):9–17, 1977 (Eng. Abstr.) **(Pol)**
ANIMAL/ ENGLISH ABSTRACT/ FEMALE/ GELFOAM/ *HEMOSTATIC TECHNICS/ *HEMOSTATICS/ KIDNEY, injuries/ LIVER, injuries/ MALE/ RATS/ SPLEEN, injuries/ *WOUND HEALING

7401. **Puca GA, Nola E, Sica V, et al:** Estrogen binding proteins of calf uterus. Molecular and functional characterization of the receptor transforming factor: A Ca2+-activated protease. J Biol Chem 252(4):1358–66, 25 Feb 77
ANIMAL/ *CALCIUM, pharmacodynamics/ CASEIN, pharmacodynamics/ CATIONS, DIVALENT/ CATTLE/ CYTOSOL, metabolism/ ENZYME ACTIVATION/ FEMALE/ KINETICS/ MOLECULAR WEIGHT/ ORGAN SPECIFICITY/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN CONFORMATION/ *RECEPTORS, ESTROGEN/ RECEPTORS, ESTROGEN, isolation & purification/ RECEPTORS, ESTROGEN, metabolism/ *UTERUS, metabolism

7402. **Puccini C, Stasiw DM, Cerny LC:** The erythrocyte sedimentation curve: a semi-empirical approach. Biorheology 14(1):43–9, 77
*BLOOD SEDIMENTATION/ *BLOOD VISCOSITY/ HEMATOCRIT/ HUMAN/ MODELS, BIOLOGICAL

7403. **Puchala E, Windle WF:** The possibility of structural and functional restitution after spinal cord injury. A review. Exp Neurol 55(1):1–42, Apr 77
ADULT/ AGE FACTORS/ ANIMAL/ AXONS, physiology/ CASE REPORT/ CATS/ DOGS/ FEMALE/ HUMAN/ HYPOTHERMIA, INDUCED/ MALE/ MEMBRANES, ARTIFICIAL/ NERVE GROWTH FACTOR, therapeutic use/ *NERVE REGENERATION/ NERVE REGENERATION, drug effects/ PANCREATOPEPTIDASE, therapeutic use/ PERIPHERAL NERVES, surgery/ PERIPHERAL NERVES, transplantation/ PYROGENS, therapeutic use/ RATS/ SEX FACTORS/ *SPINAL CORD INJURIES, physiopathology/ SPINAL CORD INJURIES, therapy/ SPINAL CORD, ultrastructure/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS/ TRYPSIN, therapeutic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WOUNDS, NONPENETRATING/ WOUNDS, PENETRATING

7404. **Puchelle E, Girard F, Zahm JM:** Rhéologie des sécrétions bronchiques et transport muco-ciliaire
Bull Eur Physiopathol Respir 12(6):771–9, Nov-Dec 76 (Eng. Abstr.) **(Fre)**
ACETYLCYSTEINE, pharmacodynamics/ ANIMAL/ *BRONCHI, physiopathology/ *BRONCHITIS, physiopathology/ CHRONIC DISEASE/ CILIA, physiology/ ELASTICITY/ ENGLISH ABSTRACT/ EXPECTORANTS, pharmacodynamics/ FROGS/ HUMAN/ MODELS, BIOLOGICAL/ MUCOUS MEMBRANE, physiopathology/ *MUCUS/ MUCUS, physiology/ PALATE/ PEPTIDE HYDROLASES, pharmacodynamics/ SPUTUM, drug effects/ VISCOSITY

7405. **Pugliese A, Negro-Ponzi A, Viano I, et al:** Attivita' emoagglutinante di alcuni virus su emazie tripsinizzate
G Batteriol Virol Immunol 69(1–6):78–84, Jan-Jun 76 (Eng. Abstr.) **(Ita)**
ANIMAL/ ANTIBODY FORMATION, drug effects/ DUCKS/ ENGLISH ABSTRACT/ *ERYTHROCYTES, immunology/ *HEMAGGLUTINATION, drug effects/ HUMAN/ *MENGO VIRUS, immunology/ MICE/ PIGEONS/ *SEMLIKI FOREST VIRUS, immunology/ *TRYPSIN, pharmacodynamics/ *VESICULAR STOMATITIS VIRUS, immunology

7406. **Puglionisi A:** Terapia chirurgica delle trombosi venose acute degli arti
Minerva Chir 31(21):1223–6, 15 Nov. 76 **(Ita)**
FEMORAL VEIN/ HUMAN/ ILIAC VEIN/ *LEG, blood supply/ METHODS/ *THROMBOPHLEBITIS, surgery/ VENA CAVA, INFERIOR

7407. **Pühringer W, Wirz-Justice A, Graw P, et al:** Intravenous L-5-hydroxytryptophan in normal subjects: an interdisciplinary precursor loading study. Part 1: Implications of reproducible mood elevation.
Pharmakopsychiatr Neuropsychopharmakol 9(6):260–8, Nov 76
ADULT/ AFFECTIVE DISTURBANCES/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BODY TEMPERATURE, drug effects/ *EMOTIONS, drug effects/ EUPHORIA, drug effects/ FEMALE/ HUMAN/ HYDROXYTRYPTOPHAN, administration & dosage/ *HYDROXYTRYPTOPHAN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ MALE/ MONOAMINE OXIDASE, blood/ PROLACTIN, blood/ SEROTONIN, blood/ SERYLTRIHYDROXY BENZYLHYDRAZINE, pharmacodynamics/ SEX FACTORS/ SOMATOTROPIN, blood/ TIME FACTORS

7408. **Puig LB, Verginelli G, Kawabe L, et al:** Four years experience with dura mater cardiac valves.
J Cardiovasc Surg (Torino) 18(3):247–55, May-Jun 1977
ADOLESCENCE/ ADULT/ AGED/ AORTIC VALVE, surgery/ ASPERGILLOSIS, etiology/ ASPERGILLUS FUMIGATUS/ CHILD/ CHILD, PRESCHOOL/ *DURA MATER, transplantation/ ENDOCARDITIS, etiology/ *HEART VALVES, surgery/ HUMAN/ METHODS/ MIDDLE AGE/ MITRAL VALVE, surgery/ *POSTOPERATIVE COMPLICATIONS/ PULMONARY VALVE, surgery/ SURGICAL WOUND INFECTION/ THROMBOEMBOLISM/ TRANSPLANTATION, HOMOLOGOUS/ TRICUSPID VALVE, surgery

7409. **Puig-Parellada P, Planas JM:** Action of selective inhibitor of thromboxane synthetase on experimental thrombosis induced by arachidonic acid in rabbits [letter]
Lancet 2(8027):40, 2 Jul 77
ANIMAL/ ARACHIDONIC ACIDS/ *ENZYME INHIBITORS, therapeutic use/ HYDROXY ACIDS/ *IMIDAZOLES, therapeutic use/ *OXIDOREDUCTASES, antagonists & inhibitors/ PYRANS/ RABBITS/ THROMBOSIS, chemically induced/ *THROMBOSIS, drug therapy

7410. **Puijk WC, Verheij HM, De Haas GH:** The primary structure of phospholipase A2 from porcine pancreas. A reinvestigation.
Biochim Biophys Acta 492(2):254–9, 24 Jun 77
AMINO ACID SEQUENCE/ ANIMAL/ *PANCREAS, enzymology/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOLIPASE/ SPECIES SPECIFICITY/ SWINE/ TRYPSIN

7411. **Pullmann H, Zingheim M, Steigleder GK, et al:** PUVA - und Anthralintherapie der Psoriasis, ein klinischer, histologischer und autoradiographischer Vergleich
Z Hautkr 51(20):861–71, 15 Oct 76 (Eng. Abstr.) **(Ger)**
ADULT/ *ANTHRACENES, therapeutic use/ *ANTHRALIN, therapeutic use/ COMPARATIVE STUDY/ *COUMARINS, therapeutic use/ DNA, biosynthesis/ ENGLISH ABSTRACT/ FEMALE/ *FICUSIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *PSORIASIS, therapy/ SKIN, pathology/ ULTRAVIOLET RAYS

7412. **Purohit DM, Levkoff AH, Pai S:** Management of multifetal gestation.
Pediatr Clin North Am 24(3):481–90, Aug 77
ASPHYXIA NEONATORUM, etiology/ BLOOD VESSELS, abnormalities/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EMBRYO/ FEMALE/ FETAL DISEASES, etiology/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES/ PLACENTA/ PREGNANCY/ *PREGNANCY, MULTIPLE/ QUADRUPLETS

7413. **Purtilo DT, Riordan JA, Deflorio D, et al:** Immunological disorders and malignancies in five young brothers.
Arch Dis Child 52(4):310–3, Apr 77
ADOLESCENCE/ CARCINOMA, familial & genetic/ CASE REPORT/ CHILD/ GLIOBLASTOMA MULTIFORME, familial & genetic/ HUMAN/ LYMPHOMA, familial & genetic/ MALE/ NEOPLASM METASTASIS/ *NEOPLASMS, familial & genetic/ PEDIGREE/ *PURPURA, THROMBOPENIC, familial & genetic

7414. **Purushothaman KK, Vasanth S, Connolly JD, et al:** 4,6,7-Trimethoxy-5-methylchromen-2-one, a new coumarin from Leonotis nepetaefolia.
J Chem Soc [Perkin I] (23):2594–5, 1976
CHEMISTRY/ *COUMARINS, isolation & purification/ PLANT EXTRACTS, isolation & purification

7415. **Purves MJ:** The physiology of the cerebral circulation.

Monogr Physiol Soc (28):1–414, 1972
ANIMAL/ BLOOD PRESSURE/ BLOOD VESSELS, anatomy & histology/ BLOOD VESSELS, innervation/ BLOOD VESSELS, ultrastructure/ BLOOD VISCOSITY/ BLOOD/ BRAIN, blood supply/ BRAIN, metabolism/ CAPILLARIES, physiology/ CARBON DIOXIDE, physiology/ CATECHOLAMINES, pharmacodynamics/ CEREBROSPINAL FLUID, physiology/ *CEREBROVASCULAR CIRCULATION/ COLLATERAL CIRCULATION/ HEMODYNAMICS/ HOMEOSTASIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MUSCLE, SMOOTH, drug effects/ OXYGEN CONSUMPTION/ OXYGEN, physiology/ PERFUSION/ SYMPATHOLYTICS, pharmacodynamics/ VASOMOTOR SYSTEM, physiology

7416. **Pushkar' NS, Shrago MI, Kalugin IuV:** Nekotorye puti sozdaniia novykh krioprotektorov dlia nizkotemperaturnogo konservirovaniia kletok krovi cheloveka. Probl Gematol Pereliv Krovi (2):55–6, Feb 77 **(Rus)**
*BLOOD PRESERVATION/ *CRYOPROTECTIVE AGENTS, chemical synthesis/ DRUG EVALUATION/ *ETHYLENE OXIDE/ FREEZING/ HUMAN

7417. **Pusineri C, Sedivy P, Carruette A, et al:** Some approaches to blood-compatible materials. pp. 303–18.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.
*BIOCOMPATIBLE MATERIALS/ *BLOOD COAGULATION/ CHEMISTRY/ ELECTROLYTES/ *EXTRACORPOREAL CIRCULATION/ HUMAN/ IN VITRO/ MONOGRAPH/ POLYMERS/ POLYVINYLS/ PYRIDINIUM COMPOUNDS/ SILICONE ELASTOMERS, adverse effects/ THROMBOSIS, etiology

7418. **Puszkin EG, Maldonado R, Spaet TH, et al:** Platelet myosin. Localization of the rod myosin fragment and effect of its antibodies on platelet function. J Biol Chem 252(12):4371–8, 25 Jun 77
ANTIBODIES/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CLOT RETRACTION/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ MYOSIN, immunology/ *MYOSIN, pharmacodynamics/ PAPAIN/ PEPTIDE FRAGMENTS/ PLATELET AGGREGATION/ SEROTONIN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UTERUS

7419. **Putilin VM, Shanin SS:** Pozdnie posleoperatsionnye krovotecheniia kak oslozhneniia fibrinoliticheskoĭ terapii Vestn Khir 118(2):135, Feb 77 **(Rus)**
FEMALE/ *FIBRINOLYTIC AGENTS, adverse effects/ *HEMORRHAGE, chemically induced/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, etiology/ PREGNANCY/ TIME FACTORS

7420. **Putnam FW:** The trace components of plasma: an overview. Prog Clin Biol Res 5:1–24, 1976
AMINO ACID SEQUENCE/ ANGIOTENSINOGEN, analysis/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION FACTORS, physiology/ *BLOOD PROTEINS/ BLOOD PROTEINS, analysis/ CARBOXYPEPTIDASES, physiology/ COMPLEMENT/ FERRITIN, blood/ GLYCOPROTEINS, physiology/ HUMAN/ PANCREAS, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ RENIN, analysis

7421. **Putney FJ, Adkins WY, Pratt-Thomas HR:** Perivenous angiolipoma of the internal jugular vein.
Trans Am Acad Ophthalmol Otolaryngol 84(1):105–7, Jan–Feb 77
CASE REPORT/ *HEAD AND NECK NEOPLASMS/ HEAD AND NECK NEOPLASMS, pathology/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ INFANT/ *JUGULAR VEIN/ JUGULAR VEIN, pathology/ *LIPOMA/ LIPOMA, pathology/ MALE/ NECK, pathology

7422. **Putz GR, Barrett DA 2nd, Witte DL:** Evaluation of a glucose oxidase procedure. Am J Med Technol 42(10):351–6, Oct 76
ANTICOAGULANTS, pharmacodynamics/ *BLOOD SUGAR, analysis/ CHEMISTRY, ANALYTICAL, instrumentation/ COMPARATIVE STUDY/ EDTA, pharmacodynamics/ EVALUATION STUDIES/ *GLUCOSE OXIDASE/ HEXOKINASE/ HUMAN/ METHODS/ REGRESSION ANALYSIS/ SODIUM FLUORIDE, pharmacodynamics/ SODIUM, pharmacodynamics

7423. **Puzik VI, Makinskiĭ AI:** Teoreticheskie predposyliki odnogo iz napravleniĭ patogeneticheskoĭ terapii tuberkuleza Probl Tuberk (9):57–63, Sep 76 **(Rus)**
ALPHA MACROGLOBULINS/ ALPHA 1-ANTITRYPSIN, therapeutic use/ ESTERASES, therapeutic use/ FACTOR XII, physiology/ FIBRINOLYSIN, physiology/ FIBRINOLYSIS/ HUMAN/ HYPERSENSITIVITY, IMMEDIATE, blood/ HYPERSENSITIVITY, IMMEDIATE, complications/ HYPERSENSITIVITY, IMMEDIATE, drug therapy/ INFLAMMATION, etiology/ KININS, adverse effects/ KININS, antagonists & inhibitors/ KININS, biosynthesis/ KININS, blood/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *TUBERCULOSIS, PULMONARY, drug therapy/ TUBERCULOSIS, PULMONARY, etiology

7424. **Pytel' AIa, Golizorskiĭ SD:** O prognoze pri khronicheskoĭ nedostatochnosti u urologicheskikh bol'nykh Sov Med (10):98–102, Oct 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ CASE REPORT/ ENGLISH ABSTRACT/ HEMODIALYSIS/ HEMOSTASIS/ HUMAN/ KIDNEY FAILURE, CHRONIC, physiopathology/ KIDNEY FAILURE, CHRONIC, surgery/ *KIDNEY FAILURE, CHRONIC, therapy/ MALE/ MIDDLE AGE/ PROGNOSIS/ *UROLOGIC DISEASES, physiopathology

7425. **Pytel' IuA, Zolotarev II, Tsomyk VG, et al:** Pobochnye reaktsii i oslozhneniia pri primenenii gormonal'nykh kontratseptivov (obzor literatury)
Vopr Okhr Materin Det 21(8):79–81, Aug 76 **(Rus)**
ADOLESCENCE/ ADULT/ AFFECTIVE DISTURBANCES, chemically induced/ CERVIX NEOPLASMS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ DIABETES MELLITUS, chemically induced/ ENDOCRINE DISEASES, chemically induced/ ESTROGENS, SYNTHETIC, adverse effects/ FEMALE/ HUMAN/ HYPERTENSION, chemically induced/ KIDNEY DISEASES, chemically induced/ LIVER DISEASES, chemically induced/ MIDDLE AGE/ THROMBOEMBOLISM, chemically induced/ URETERAL DISEASES, chemically induced

7426. **Pytel' IuA, Aliaev IuG:** O rasshirennykh operatsiiakh pri opukholi pochki Vestn Khir 118(2):56–61, Feb 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY NEOPLASMS, surgery/ LYMPH NODE EXCISION/ LYMPHATIC METASTASIS/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ NEPHRECTOMY/ PREOPERATIVE CARE/ THROMBOSIS, etiology/ THROMBOSIS, surgery/ VENA CAVA, INFERIOR, radiography/ VENA CAVA, INFERIOR, surgery

Q

7427. **Qasim MM:** Blood and bone marrow response following total body irradiation in patients with lymphosarcomas.
Eur J Cancer 13(4–5):483–7, Apr–May 77
BLOOD CELL COUNT/ *BLOOD CELLS, radiation effects/ BLOOD PLATELETS, radiation effects/ *BONE MARROW CELLS, radiation effects/ HUMAN/ LYMPHOSARCOMA, pathology/ *LYMPHOSARCOMA, radiotherapy/ RADIOTHERAPY, adverse effects

7428. **Quaglia C, Ventura M, Boccardi S, et al:** Angioma renale associato a malformazioni renali multiple. Osservazioni su di un caso Minerva Urol 28(2-3):94-101, Mar-Apr 76 (Eng. Abstr.) **(Ita)**
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *HEMANGIOMA, complications/ HEMANGIOMA, radiography/ HUMAN/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, radiography/ *KIDNEY, abnormalities/ MALE/ MIDDLE AGE

7429. **Quancard X, Plagnol P, Masson B, et al:** Les oblitérations aiguës de l'artère mésentérique supérieure. A propos de 3 cas traités et guéris Chirurgie 102(8):589-97, 1976 (Eng. Abstr.) **(Fre)**
AGED/ CASE REPORT/ EMBOLISM, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MESENTERIC ARTERIES/ *MESENTERIC VASCULAR OCCLUSION, surgery/ MIDDLE AGE/ THROMBOSIS, surgery

7430. **Quaroni A, Gershon-Quaroni E, Semenza G:** Tryptic digestion of native small-intestinal sucrase – isomaltase complex: isolation of the sucrase subunit. Eur J Biochem 52(3):481-6, 1 Apr 75
AMINO ACIDS, analysis/ ANIMAL/ CARBOHYDRATES, analysis/ *GLUCOSIDASES/ GLUCOSIDASES, isolation & purification/ GLUCOSIDASES, metabolism/ *INTESTINE, SMALL, enzymology/ KINETICS/ MOLECULAR WEIGHT/ *MULTIENZYME COMPLEXES/ MULTIENZYME COMPLEXES, isolation & purification/ MULTIENZYME COMPLEXES, metabolism/ RABBITS/ *SUCRASE/ SUCRASE, isolation & purification/ SUCRASE, metabolism/ TRYPSIN

7431. **Quast U, Engel J, Steffen E, et al:** Kinetics of binding of bovine trypsin-killikrein inhibitor (K unitz) in which the reactive-site peptide bond Lys-15--Ala-16 is cleaved, to alpha-chymotrypsin and beta-trypsin. Eur J Biochem 52(3):505-10, 1 Apr 75
ALANINE/ BINDING SITES/ CATTLE/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ KINETICS/ LYSINE/ PROTEIN BINDING/ *TRYPSIN INHIBITOR, KUNITZ SOYBEAN/ *TRYPSIN INHIBITORS/ *TRYPSIN/ TRYPSIN, metabolism

7432. **Quast U, Engel J, Steffen E, et al:** The effect of cleaving the reactive-site peptide bond Lys-15--Ala-16 on the conformation of bovine trypsin-kallikrein inhibitor (K unitz) as revealed by solvent-perturbation spectra, circular dichroism and fluorescence. Eur J Biochem 52(3):511-4, 1 Apr 75
ALANINE/ BINDING SITES/ CATTLE/ CHYMOTRYPSIN/ CIRCULAR DICHROISM/ LYSINE/ PROTEIN CONFORMATION/ SPECTROMETRY, FLUORESCENCE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPSIN INHIBITOR, KUNITZ SOYBEAN/ *TRYPSIN INHIBITORS/ TRYPSIN

7433. **Quellhorst E, Reichel W, Fernandez-Redo E, et al:** Heparinbehandlung bei Glomerulonephritis. Med Klin 72(22):981-7, 3 Jun 77 (Eng. Abstr.) **(Ger)**
BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ GLOMERULAR FILTRATION RATE/ GLOMERULONEPHRITIS, diagnosis/ *GLOMERULONEPHRITIS, drug therapy/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, complications/ PROGNOSIS

7434. **Quemada D:** Un index de rigidité des érythrocytes, déduit des mesures viscosimétriques C R Acad Sci [D] (Paris) 283(8):991-4, 11 Oct 76 (Eng. Abstr.) **(Fre)**
*BLOOD VISCOSITY/ ENGLISH ABSTRACT/ *ERYTHROCYTES, physiology/ ERYTHROCYTES, physiopathology/ *RHEOLOGY

7435. **Quemada D:** Contraintes et vitesses de cisaillement associées á la destruction des agrégats de globules rouges sanguins : un abord viscosimétrique. C R Acad Sci [D] (Paris) 283(1):119-22, 5 Jul 76 **(Fre)**
*BLOOD VISCOSITY/ *ERYTHROCYTE AGGREGATION/ MATHEMATICS/ RHEOLOGY

7436. **Quinlan MF, Scopa J:** Thorotrast-induced haemangioendothelial sarcoma--a lesson from the past. Aust NZ J Med 6(4):329-35, Aug 76
*BONE MARROW DISEASES, etiology/ BRAIN NEOPLASMS, etiology/ CASE REPORT/ GRANULOMA, etiology/ HEAD AND NECK NEOPLASMS, etiology/ HEMANGIOENDOTHELIOMA, etiology/ HUMAN/ LIVER NEOPLASMS, etiology/ LUNG NEOPLASMS, etiology/ MALE/ MIDDLE AGE/ NECK/ *NEOPLASMS, RADIATION-INDUCED, etiology/ *THORIUM DIOXIDE, adverse effects

7437. **Quinn-Bogard AL, Potsic WP:** Stridor in the first year of life. The clinical evaluation of the persistent or intermittent noisy breather. Clin Pediatr (Phila) 16(10):913-9, Oct 77
*AIRWAY OBSTRUCTION, etiology/ CASE REPORT/ CYSTS, complications/ EPIGLOTTIS/ FEMALE/ FIBROMA, complications/ GLOTTIS/ HEMANGIOMA, complications/ HUMAN/ INFANT/ INFANT, NEWBORN/ *LARYNGEAL DISEASES, complications/ LARYNGEAL DISEASES, diagnosis/ LARYNGEAL DISEASES, radiography/ LARYNGEAL DISEASES, surgery/ LARYNGEAL NEOPLASMS, complications/ MALE

7438. **Quintão EC, Brumer S, Stechhahn K:** Tissue storage and control of cholesterol metabolism in man on high cholesterol diets. Atherosclerosis 26(3):297-310, Mar 77
ADULT/ AGED/ AORTA/ *CHOLESTEROL, metabolism/ CHOLESTEROL, blood/ *CHOLESTEROL, DIETARY/ DUODENAL ULCER, metabolism/ FEMALE/ HUMAN/ HYPERCHOLESTEREMIA, metabolism/ LIVER, metabolism/ MALE/ MIDDLE AGE/ THROMBOSIS, metabolism

R

7439. **Raab W:** Pathomechanismen der unerwünschten Reaktionen bei Gabe von Plasmaersatzmitteln Klin Anaesthesiol Intensivther 9:36-47, 1975 **(Ger)**
ANAPHYLAXIS, chemically induced/ ANIMAL/ BLOOD COAGULATION DISORDERS, chemically induced/ DOGS/ HEART DISEASES, chemically induced/ HISTAMINE LIBERATION, drug effects/ HUMAN/ KIDNEY DISEASES, chemically induced/ *PLASMA SUBSTITUTES, adverse effects/ PLASMA SUBSTITUTES, pharmacodynamics

7440. **Raabe DS Jr, Fischer JC, Brandt RL:** Cavernous hemangioma of the right atrium: presumptive diagnosis by coronary angiography. Cathet Cardiovasc Diagn 2(4):389-95, 1976
FEMALE/ *HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ MALE

7441. **Raby C, Couinaud C:** Les troubles de la coagulation dans les hémorragies des hypertensions portales (en particulier dans les blocs post-sinusoïdaux) Chirurgie 102(3):186-96, Feb 76 (Eng. Abstr.) **(Fre)**
*BLOOD COAGULATION DISORDERS, complications/ ENGLISH ABSTRACT/ *ESOPHAGEAL VARICES, blood/ FEMALE/ *HEMORRHAGE, GASTROINTESTINAL, blood/ HUMAN/ MALE/ THROMBELASTOGRAPHY

7442. **Raby C:** Control of heparin therapy by thromboelastography. pp. 211-8. In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
*BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ CALCIUM, metabolism/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEPARIN, blood/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ MONOGRAPH/ *THROMBELASTOGRAPHY/ THROMBOPLASTIN, metabolism/ TIME

FACTORS

7443. **Rachev I, Videlov D, Khristodulov T:** Vurkhu pokazaniiata za operativno lechenie na ostriia tromboflebit na povurkhnostnata venozna sistema na dolnite kraĭnistsi. Khirurgiia (Sofiia) 30(1):30–3, 1977 (Eng. Abstr.) **(Bul)**
ACUTE DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ *THROMBOPHLEBITIS, surgery

7444. **Radcliffe R, Nemerson Y:** Bovine factor VII. Methods Enzymol 45:49–56, 1976
AMINO ACIDS, analysis/ ANIMAL/ BARIUM/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CITRATES/ *FACTOR VII/ FACTOR VII, isolation & purification/ METHODS/ MOLECULAR WEIGHT

7445. **Rådegran K, Olsson P, Alme B, et al:** Prostaglandin F2alpha as a mediator of pulmonary changes during platelet aggregation. Acta Anaesthesiol Scand 21(3):168–73, 1977
*AIRWAY RESISTANCE/ ANIMAL/ ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD PRESSURE/ DOGS/ DRUG SYNERGISM/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS F, physiology/ PROSTAGLANDINS F, secretion/ PROTAMINES, pharmacodynamics/ *PULMONARY CIRCULATION/ THROMBIN, pharmacodynamics/ VASCULAR RESISTANCE

7446. **Radvany R, Green D, Rossi EC, et al:** Efficacy of matched platelet transfusions from unrelated donors. Transplant Proc 9(1):513–7, Mar 77
*BLOOD DONORS/ *BLOOD PLATELETS, transplantation/ *BLOOD TRANSFUSION/ HISTOCOMPATIBILITY TESTING/ HL-A/ HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7447. **Radzivil GG, Grigorian SS, Gaĭster NA, et al:** Reologicheskie svoĭstva krovi u bol'nykh ostrym infarktom miokarda i kardiosklerozom. Kardiologiia 17(5):18–24, May 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ AGED/ BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ CORONARY DISEASE, blood/ *CORONARY DISEASE, physiopathology/ ENGLISH ABSTRACT/ HUMAN/ *MICROCIRCULATION/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ *MYOCARDIAL INFARCT, physiopathology/ PLETHYSMOGRAPHY, IMPEDANCE

7448. **Rafflenbeul D, Zbinden G:** Circulating platelet aggregates and thrombocytopenia induced by intravenous infusions of arachidonic and lauric acids in guinea pigs. Acta Haematol (Basel) 57(2):87–95, 1977
ANIMAL/ ARACHIDONIC ACIDS, administration & dosage/ *ARACHIDONIC ACIDS, pharmacodynamics/ BLOOD CELL COUNT/ GUINEA PIGS/ INFUSIONS, PARENTERAL/ LAURIC ACIDS, administration & dosage/ *LAURIC ACIDS, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ *THROMBOPENIA, chemically induced

7449. **Ragaz S, Kemp G, Furlan M, et al:** Bleeding disorder with abnormal wound healing, acid-soluble clots and normal factor XIII. Thromb Haemostas 36(3):537–41, 31 Dec 76
ACETIC ACIDS/ ADULT/ *BLOOD COAGULATION DISORDERS, blood/ CASE REPORT/ FACTOR XIII DEFICIENCY/ *FACTOR XIII, analysis/ FEMALE/ FIBRIN/ HUMAN/ PEPTIDE HYDROLASES, blood/ SOLUBILITY/ *WOUND HEALING

7450. **Raguse T, Lynen FK, Schröder W:** Complications following cava catheterization. Acta Chir Belg 76(3):329–32, May–Jun 77
ADULT/ AGED/ *CATHETERIZATION, adverse effects/ CATHETERIZATION, methods/ HUMAN/ INFECTION, etiology/ MIDDLE AGE/ THROMBOSIS, etiology/ *VENAE CAVAE

7451. **Rahlfs VW, Mössinger P:** Zur Behandlung des Colon irritabile. Ein multizentrischer plazebo-kontrollierter Doppelblindversuch in der Allgemeinen Praxis Arzneim Forsch 26(12):2230–4, 1976 (Eng. Abstr.) **(Ger)**
CLINICAL RESEARCH/ COLITIS, MUCOUS, drug therapy/ *COLONIC DISEASES, drug therapy/ *COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ *NUX VOMICA, therapeutic use/ PERSONALITY INVENTORY/ PLANT EXTRACTS, therapeutic use/ *PLANTS, MEDICINAL/ PSYCHOPHYSIOLOGIC DISORDERS/ *RESINS, therapeutic use

7452. **Raibaud O, Goldberg ME:** The reactivity of one essential cysteine as a conformational probe in Escherichia coli tryptophanase. Application to the study of the structural influence of subunit interactions. Eur J Biochem 73(2):591–9, Mar 1 77
APOPROTEINS, metabolism/ BINDING SITES/ CYSTEINE, analysis/ *ESCHERICHIA COLI, enzymology/ ETHYLMALEIMIDE, pharmacodynamics/ KINETICS/ *LYASES/ LYASES, metabolism/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS, analysis/ POTASSIUM, pharmacodynamics/ PROTEIN BINDING/ SODIUM, pharmacodynamics/ SPECTROMETRY, FLUORESCENCE/ TRYPSIN/ *TRYPTOPHANASE/ TRYPTOPHANASE, metabolism

7453. **Raich PC, Bozdech MJ:** Aspirin therapy in microangiopathic hemolytic anemia and renal failure. Am J Med Sci 273(2):227–32, Mar–Apr 77
ADOLESCENCE/ ANEMIA, HEMOLYTIC, complications/ *ANEMIA, HEMOLYTIC, drug therapy/ *ASPIRIN, therapeutic use/ CASE REPORT/ HUMAN/ KIDNEY FAILURE, ACUTE, complications/ *KIDNEY FAILURE, ACUTE, drug therapy/ MALE/ MICROCIRCULATION/ THROMBOPENIA, complications/ THROMBOPENIA, drug therapy

7454. **Raithel D:** Der akute Gefässverschluss. Fortschr Med 95(20):1325–8, 26 May 77 **(Ger)**
ACUTE DISEASE/ ARTERIAL OCCLUSIVE DISEASES, physiopathology/ ARTERIAL OCCLUSIVE DISEASES, therapy/ DIAGNOSIS, DIFFERENTIAL/ EMBOLISM, diagnosis/ HUMAN/ THROMBOEMBOLISM, physiopathology/ THROMBOEMBOLISM, therapy/ THROMBOPHLEBITIS, diagnosis/ THROMBOSIS, diagnosis/ *VASCULAR DISEASES, physiopathology

7455. **Raizada MK, Perdue JF:** Mitogen receptors in chick embryo fibroblasts. Kinetics, specificity, unmasking, and synthesis of 125I-insulin binding sites. J Biol Chem 251(20):6445–55, 25 Oct 76
BINDING, COMPETITIVE/ BIOLOGICAL TRANSPORT/ CELL MEMBRANE, metabolism/ CELLS, CULTURED/ CHICK EMBRYO/ CHYMOTRYPSIN, pharmacodynamics/ CULTURE MEDIA/ DEOXYGLUCOSE, metabolism/ DNA REPLICATION, drug effects/ FIBROBLASTS, drug effects/ FIBROBLASTS, metabolism/ INSULIN, metabolism/ INSULIN, pharmacodynamics/ KINETICS/ *MITOGENS, metabolism/ RECEPTORS, INSULIN, drug effects/ *RECEPTORS, INSULIN, metabolism/ TRYPSIN, pharmacodynamics

7456. **Raj MV, Srinivas V, Evans DW:** Thrombotic jamming of a tricuspid prosthesis. Br Heart J 38(12):1355–8, Dec 76
CASE REPORT/ ECHOCARDIOGRAPHY/ FEMALE/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ *THROMBOSIS, complications/ THROMBOSIS, diagnosis/ *TRICUSPID VALVE

7457. **Raj T, Russell P, Flygare WH, et al:** Quasi-elastic light scattering studies on pyruvate oxidase. Biochim Biophys Acta 481(1):42–9, 15 Mar 77
CENTRIFUGATION, DENSITY GRADIENT/ ENZYME ACTIVATION/ ESCHERICHIA COLI, enzymology/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ *PYRUVATE OXIDASE/ PYRUVATE OXIDASE, metabolism/ SPECTROPHOTOMETRY/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7458. **Rajah SM, Crow MJ, Penny AF, et al:** The effect of dipyridamole on platelet function: correlation with blood levels in man. Br J Clin Pharmacol 4(2):129–33, Apr 77
*BLOOD PLATELETS, drug effects/ DIPYRIDAMOLE, blood/ *DIPYRIDAMOLE, pharmacodynamics/ HUMAN/ KINETICS/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 4, analysis/ WARFARIN, pharmacodynamics

7459. **Rákóczi I, Nagy I, Szigetvári I, et al:** Oestrogen containing oral contraceptives and antithrombin III activity. Acta Physiol Acad Sci Hung 45(3–4):281–6, 1974
ADULT/ *ANTITHROMBINS, metabolism/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *CONTRACEPTIVES, ORAL, SYNTHETIC, pharmacodynamics/ *ESTROGENS, SYNTHETIC, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ MESTRANOL, pharmacodynamics

7460. **Rakotoarivony J, Bardos P, Mahieu P, et al:** Isolement simultané des membranes basales glomérulaire et tubulaire de lapin C R Acad Sci [D] (Paris) 284(7):565–8, 14 Feb 77 (Eng. Abstr.) **(Fre)**
ANIMAL/ *BASEMENT MEMBRANE/ BASEMENT MEMBRANE, cytology/ CELL FRACTIONATION/ ENGLISH ABSTRACT/ *KIDNEY GLOMERULUS/ KIDNEY GLOMERULUS, cytology/ *KIDNEY TUBULES/ KIDNEY TUBULES, cytology/ RABBITS/ TRYPSIN

7461. **Rakower SR:** Blood surface interactions in extravascular salvageable blood pools. Surg Gynecol Obstet 145(4):555–8, Oct 77
ANIMAL/ ANTICOAGULANTS/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD TRANSFUSION, AUTOLOGOUS/ *BLOOD/ CITRATES/ DOGS/ FIBRINOGEN, analysis/ GLUCOSEPHOSPHATES/ HEMATOCRIT/ PERITONEAL CAVITY/ PROTHROMBIN TIME/ THORAX/ THROMBOPLASTIN/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7462. **Ramella G, Rosa M:** Angiotomography of the vertebrobasilar circulation. pp. 236–42.
In: Oliva L, Berry RJ, ed. The new image in tomography. Amsterdam, Excerpta Medica, 1976. W3 EX89 no. 392 1975.
ANGIOGRAPHY, methods/ *BASILAR ARTERY, radiography/ BRAIN NEOPLASMS, radiography/ BRAIN, blood supply/ CEREBRAL ANEURYSM, radiography/ *CEREBROVASCULAR CIRCULATION/ HEMANGIOMA, radiography/ HUMAN/ MENINGIOMA, radiography/ MONOGRAPH/ *TOMOGRAPHY, RADIOGRAPHIC, methods/ *VERTEBRAL ARTERY, radiography

7463. **Ramos D, Torche S, Toro E, et al:** Púrpura trombocitopénico idiopático. Análisis clínico y de laboratorio Rev Chil Pediatr 46(5–6):475–9, Sep–Dec 75 **(Spa)**
ACUTE DISEASE/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ INFANT/ MALE/ *PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, diagnosis

7464. **Rampling MW, Lane DA, Kakkar VV:** Effect of dextran on clotting time: steric exclusion accelerates fibrin monomer polymerisation. Thromb Res 9(4):379–86, Oct 76
ANIMAL/ *BLOOD COAGULATION, drug effects/ CATTLE/ DEXTRAN, administration & dosage/ *DEXTRAN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FIBRIN, metabolism/ FIBRINOGEN, administration & dosage/ FIBRINOGEN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ PEPTIDE CHAIN ELONGATION/ POLYMERS, metabolism/ PRECIPITATION/ THROMBIN, administration & dosage/ TIME FACTORS

7465. **Rampling MW, Lane DA, Kakkar VV:** Effect of steric exclusion by dextran on the conversion of fibrinogen into fibrin. Biochem Soc Trans 4(4):688–90, 1976
BINDING SITES/ *DEXTRAN/ DEXTRAN, pharmacodynamics/ *FIBRIN/ FIBRIN, metabolism/ *FIBRINOGEN/ FIBRINOGEN, metabolism/ HUMAN/ KINETICS/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ PROTEIN BINDING

7466. **Ramsey RG, Huckman MS:** Computed tomography of porencephaly and other cerebrospinal fluid-containing lesions. Radiology 123(1):73–7, Apr 77
ADULT/ BIRTH INJURIES, complications/ BIRTH INJURIES, radiography/ BRAIN DISEASES, congenital/ BRAIN DISEASES, etiology/ *BRAIN DISEASES, radiography/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, radiography/ FEMALE/ HEMATOMA, complications/ HUMAN/ INFANT/ MALE/ MENINGOENCEPHALITIS, complications/ MENINGOENCEPHALITIS, radiography/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

7467. **Rand PW, Lacombe E, Barker ND, et al:** Effects of methylprednisolone on the physical properties of the human red cell. J Lab Clin Med 89(6):1241–50, Jun 77
BLOOD VISCOSITY, drug effects/ CHOLESTEROL, metabolism/ ERYTHROCYTE MEMBRANE, drug effects/ *ERYTHROCYTES, drug effects/ ERYTHROCYTES, metabolism/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ MALE/ MEMBRANE LIPIDS, metabolism/ *METHYLPREDNISOLONE, pharmacodynamics/ OSMOTIC FRAGILITY, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7468. **Ranic V, Rabic V, Romčevic B, et al:** Transfuzijski problemi kod masovnih nesreća. Acta Med Iugosl 31(2):173–8, 1977 (Eng. Abstr.) **(Scr)**
BLOOD PRESERVATION/ *BLOOD TRANSFUSION, methods/ BLOOD VOLUME/ *DISASTERS/ ENGLISH ABSTRACT/ HUMAN/ *NATURAL DISASTERS

7469. **Rankin RS, Wegenke JD, Madsen PO:** Pseudotumor of kidney. Urology 10(1):68–70, Jul 77
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, diagnosis/ *HEMATOMA, radiography/ HUMAN/ *KIDNEY DISEASES, radiography/ KIDNEY NEOPLASMS, diagnosis/ *KIDNEY NEOPLASMS, radiography/ *KIDNEY, radiography/ KIDNEY, CYSTIC, diagnosis/ MALE/ MIDDLE AGE/ ULTRASONICS, diagnostic use

7470. **Ranne GH, Smith ME, Ford WL:** Lymphocyte migration into cell-mediated immune lesions is inhibited by trypsin. Nature 267(5611):520–2, 9 Jun 77
ANIMAL/ CELL MOVEMENT/ DERMATITIS, CONTACT, immunology/ *IMMUNITY, CELLULAR/ LYMPH NODES, immunology/ LYMPHOCYTES, cytology/ *LYMPHOCYTES, immunology/ LYMPHOCYTES, physiology/ RATS/ SKIN, immunology/ SPLEEN, immunology/ TRYPSIN, metabolism

7471. **Ranque J:** Societe nationale de tranfusion sanguine Rev Fr Transfus Immunohematol 19(2):315–25, Jun 76 (Eng. Abstr.) **(Fre)**
*BLOOD DONORS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ CARRIER STATE/ ENGLISH ABSTRACT/ FRANCE/ HUMAN/ MALARIA, immunology/ MALARIA, occurrence/ *MALARIA, transmission/ MASS SCREENING

7472. **Ranson JH, Lackner H, Berman IR, et al:** The relationship of coagulation factors to clinical complications of acute pancreatitis. Surgery 81(5):502–11, May 77
ACUTE DISEASE/ ADULT/ AGED/ ALCOHOLISM, complications/ ANOXEMIA, etiology/ ASPARTATE AMINOTRANSFERASE, analysis/ BILIARY TRACT DISEASES, complications/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ HYPERLIPEMIA, complications/ HYPERTENSION, PULMONARY, etiology/

KIDNEY DISEASES/ LACTATE DEHYDROGENASE, analysis/ LIVER, enzymology/ LUNG, blood supply/ MALE/ MIDDLE AGE/ *PANCREATITIS, blood/ PULMONARY EMBOLISM, etiology

7473. **Rao CH V, Griffin LP, Carman FR:** Gonadotropin receptors in human corpora lutea of the menstrual cycle and pregnancy. Am J Obstet Gynecol 128(2):146–53, 15 May 77
*CORPUS LUTEUM, metabolism/ FEMALE/ *GONADOTROPINS, CHORIONIC, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *MENSTRUATION/ *PREGNANCY/ PREGNANCY, ECTOPIC, metabolism/ PROTEIN BINDING/ *RECEPTORS, HORMONE/ SOY BEANS/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7474. **Rao CV, Griffin LP, Carman FR Jr:** Prostaglandin F2alpha binding sites in human corpora lutea.
J Clin Endocrinol Metab 44(6):1032–7, Jun 77
BINDING SITES/ CALCIUM, pharmacodynamics/ *CORPUS LUTEUM, metabolism/ EDTA, pharmacodynamics/ FEMALE/ HUMAN/ MENSTRUATION/ PREGNANCY/ PREGNANCY, ECTOPIC/ PROSTAGLANDINS A, metabolism/ PROSTAGLANDINS E, metabolism/ *PROSTAGLANDINS F, metabolism/ PROSTAGLANDINS, metabolism/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7475. **Rao GH, Friedland M, Gerrard JM, et al:** The influence of metabolities on the assay of platelet serotonin.
Thromb Res 10(6):791–802, Jun 77
*BLOOD PLATELETS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ HUMAN/ LIVER, enzymology/ MONOAMINE OXIDASE/ PERCHLORIC ACIDS/ RATS/ *SEROTONIN, analysis/ SEROTONIN, metabolism

7476. **Rao KN, Noronha JM:** Studies on the enzymatic hydrolysis of polyglutamyl folates by chicken liver folyl poly-gamma-glutamyl carboxypeptidase. II. Structural studies. Biochim Biophys Acta 481(2):608–15, 12 Apr 77
AMINO ACIDS, analysis/ ANIMAL/ *CARBOXYPEPTIDASES/ CARBOXYPEPTIDASES, metabolism/ CHICKENS/ CHLOROMERCURIBENZOATES, pharmacodynamics/ FOLIC ACID/ GLUTAMATES/ *LIVER, enzymology/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ *PTEROYL POLYGLUTAMATE HYDROLASE/ PTEROYL POLYGLUTAMATE HYDROLASE, metabolism/ SULFHYDRYL COMPOUNDS, analysis/ TRYPSIN

7477. **Rao L, Hofmann T:** Amino acid sequence of penicillopepsin. II. Isolation and characterization of thermolytic peptides.
Can J Biochem 54(10):885–94, Oct 76
AMINO ACID SEQUENCE/ BINDING SITES/ PENICILLINS/ PENICILLIUM, enzymology/ PEPSIN, metabolism/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ THERMOLYSIN

7478. **Rao PS, Dahm CH Jr, Cavanagh D:** Septic shock in obstetrics and gynecology. Pathophysiology.
Major Probl Obstet Gynecol 11:5–76, 1977 (285 ref.)
ANIMAL/ BLOOD CIRCULATION/ BLOOD COAGULATION/ CATS/ COMPLEMENT, physiology/ DOGS/ ENDOTOXINS/ ENERGY METABOLISM/ ESCHERICHIA COLI/ GLUCONEOGENESIS/ GLYCOLYSIS/ GUINEA PIGS/ HEART, physiopathology/ HUMAN/ ION EXCHANGE/ LYSOSOMES, enzymology/ MICE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, metabolism/ MONKEYS/ RABBITS/ RATS/ REVIEW/ SHOCK, SEPTIC, pathology/ *SHOCK, SEPTIC, physiopathology

7479. **Rao RN, Ravikumar TS:** Diagnostic Peritoneal Tap.
Int Surg 62(1):14–6, Jan 77
*ABDOMEN, ACUTE, diagnosis/ *ABDOMINAL INJURIES, diagnosis/ *ASCITIC FLUID/ CATHETERIZATION, adverse effects/ HEMATOMA, diagnosis/ HUMAN/ PANCREATITIS, diagnosis/ PERITONEAL DISEASES, diagnosis/ *PERITONEAL FLUID/ PERITONITIS, diagnosis/ *PUNCTURES/ RETROPERITONEAL SPACE/ SPLENIC RUPTURE, diagnosis/ SUCTION

7480. **Raoul Y:** Les apports vitaminiques recommandables.
Ann Nutr Aliment 30(4):509–36, 1976 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ ASCORBIC ACID/ *AVITAMINOSIS, prevention & control/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ FOLIC ACID/ HUMAN/ INFANT/ NICOTINIC ACIDS/ *NUTRITION/ *NUTRITIONAL REQUIREMENTS/ PANTOTHENIC ACID/ PREGNANCY/ PYRIDOXINE/ RIBOFLAVIN/ THIAMINE/ VITAMIN B 12/ VITAMIN D/ VITAMIN E/ VITAMIN K/ *VITAMINS/ *VITAMINS, pharmacodynamics

7481. **Rapaport SI, Zivelin A:** Fibrinogen response to turpentine and endotoxin in busulfan-treated rabbbits.
Thromb Haemostas 35(3):692–701, 30 Jun 76
AGRANULOCYTOSIS, chemically induced/ ANIMAL/ BUSULFAN/ *ENDOTOXINS, pharmacodynamics/ *FIBRINOGEN, analysis/ FIBRINOGEN, biosynthesis/ MALE/ RABBITS/ THROMBOPENIA, chemically induced/ *TURPENTINE, pharmacodynamics

7482. **Raphael JC, Gajdos P, Babinet P, et al:** Clinical use of membrane oxygenators for acute respiratory insufficiency. pp. 405–20.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.
ACUTE DISEASE/ ADULT/ CARBON DIOXIDE, blood/ CARDIOPULMONARY BYPASS, methods/ CHILD/ FEMALE/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ MONOGRAPH/ OXYGEN, blood/ *OXYGENATORS, MEMBRANE/ PARTIAL PRESSURE/ PERFUSION/ *RESPIRATORY INSUFFICIENCY, therapy

7483. **Raphael JC, Gajdos P, Goulon M:** Traitement de l'insuffisance respiratoire aiguë réfractaire par circulation extracorporelle avec oxygénateur à membrane. i. – éléments de surveillance Ann Chir Thorac Cardiovasc 16(1):19–22, Jan 77 (Eng. Abstr.) **(Fre)**
ACUTE DISEASE/ ASSISTED CIRCULATION/ BLOOD GAS ANALYSIS/ ENGLISH ABSTRACT/ HEMOSTASIS/ HUMAN/ *OXYGENATORS, MEMBRANE/ *RESPIRATORY INSUFFICIENCY, therapy

7484. **Raponi S, Buricchi R:** Considerazioni terapeutiche su due casi di sindrome da coagulazione intravascolare disseminata in corso di emorragi endocranica in neonato
Minerva Pediatr 28(38):2409–11, 1 Dec 76 (Eng. Abstr.) **(Ita)**
BLOOD TRANSFUSION/ CASE REPORT/ *CEREBRAL HEMORRHAGE, drug therapy/ CEREBRAL HEMORRHAGE, therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, drug therapy/ MALE

7485. **Rasaretnam R, Chanmugam D, Sivathasan C:** Spontaneous haemothorax in a mild haemophiliac. Thorax 31(5):601–4, Oct 76
ADULT/ CASE REPORT/ *HEMOPHILIA, complications/ *HEMOTHORAX, etiology/ HEMOTHORAX, radiography/ HEMOTHORAX, therapy/ HUMAN/ MALE

7486. **Rasche H, Raptis S, Scheck R, et al:** Coagulation studies and platelet function after somatostatin infusion.
Klin Wochenschr 54(20):977–82, 15 Oct 76
ADULT/ AGED/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ FEMALE/ *HEMOSTASIS, drug effects/ HUMAN/ MALE/ PLATELET

AGGREGATION, drug effects/ *SOMATOTROPIN RELEASE INHIBITING HORMONE, pharmacodynamics

7487. **Rasche H, Bindewald H, Köhle W, et al:** Notfallbehandlung von Blutungskomplikationen bei Hemmkörper-Hämophilie mit aktivierten Prothrombinkomplex-Konzentraten
Dtsch Med Wochenschr 102(9):319-23, 4 Mar 77 (Eng. Abstr.) **(Ger)**
BLINDNESS, complications/ CASE REPORT/ CHILD/ EMERGENCIES/ ENGLISH ABSTRACT/ HEMOPHILIA, complications/ *HEMOPHILIA, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, complications/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HUMAN/ MALE/ *PROTHROMBIN, therapeutic use

7488. **Rasched IR, Bohn A, Sund H:** Studies of glutamate dehydrogenase. Analysis of quaternary structure and contact areas between the polypeptide chains.
Eur J Biochem 74(2):365-77, 1 Apr 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CATTLE/ *GLUTAMATE DEHYDROGENASE/ IMIDES/ KINETICS/ LIVER, enzymology/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PROTEIN CONFORMATION/ TRYPSIN

7489. **Rasi VP, Torstila I:** Effect of gemfibrozil upon platelet function and blood coagulation. Preliminary report.
Proc R Soc Med 69 Suppl 2:109-11, 1976
ADULT/ *ANTILIPEMIC AGENTS, pharmacodynamics/ ANTILIPEMIC AGENTS, therapeutic use/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ FEMALE/ HUMAN/ HYPERLIPEMIA, drug therapy/ IN VITRO/ LIPIDS, blood/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ *VALERATES, pharmacodynamics/ VALERATES, therapeutic use/ *XYLENES, pharmacodynamics/ XYLENES, therapeutic use

7490. **Rask L, Peterson PA:** In vitro uptake of vitamin A from the retinol-binding plasma protein to mucosal epithelial cells from the monkey's small intestine. J Biol Chem 251(20):6360-6, 25 Oct 76
ANIMAL/ BIOLOGICAL TRANSPORT/ CYNOMOLGUS MONKEYS/ EPITHELIAL CELLS, drug effects/ EPITHELIAL CELLS, metabolism/ IN VITRO/ *INTESTINAL MUCOSA, metabolism/ *INTESTINE, SMALL, metabolism/ KINETICS/ MONKEYS/ NEURAMINIDASE, pharmacodynamics/ OXYGEN CONSUMPTION/ PHOSPHOLIPASE, pharmacodynamics/ *RETINOL BINDING PROTEINS, metabolism/ TRANSLATION, GENETIC/ TRYPSIN, pharmacodynamics/ *VITAMIN A, metabolism

7491. **Rasmussen H, Goodman DB:** Relationships between calcium and cyclic nucleotides in cell activation. Physiol Rev 57(3):421-509, Jul 77 (465 ref.)
ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL MEDULLA, physiology/ ANIMAL/ ANTIBODY FORMATION/ BLOOD PLATELETS, physiology/ *CALCIUM, physiology/ CELL DIVISION/ *CELLS, physiology/ FERTILIZATION/ GLUCONEOGENESIS/ GLYCOGEN, metabolism/ HORMONES, physiology/ ISLANDS OF LANGERHANS, physiology/ LYMPHOCYTES, physiology/ MAST CELLS, physiology/ MUSCLE CONTRACTION/ MUSCLES, physiology/ NEUTROPHILS, physiology/ *NUCLEOTIDES, CYCLIC, physiology/ PROTEIN KINASE, metabolism/ RECEPTORS, HORMONE, physiology/ RETINA, physiology/ REVIEW/ SALIVARY GLANDS, physiology/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, metabolism

7492. **Rasmussen S, Corya BC:** The diagnostic attributes of echocardiography in the patient with chest pain or pulmonary edema. Heart Lung 6(4):660-70, Jul-Aug 77
ANEURYSM, DISSECTING, diagnosis/ AORTIC ANEURYSM, diagnosis/ *ECHOCARDIOGRAPHY/ EVALUATION STUDIES/ HUMAN/ MYOCARDIAL INFARCT, diagnosis/ *PAIN, etiology/ PERICARDITIS, diagnosis/ *PULMONARY EDEMA, diagnosis/ PULMONARY EMBOLISM, diagnosis/ *THORAX/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7493. **Raso AM, Durando R, Ferrero G:** Analisi statistica preliminare con computer sugli aspetti socioecologici, clinici e sui fattori di rischio nelle tromboflebiti e flebotrombosi degli arti inferiori Minerva Cardioangiol 24(9):571-92, Sep 76 (Eng. Abstr.) **(Ita)**
AGE FACTORS/ AGED/ ALCOHOL DRINKING/ BLOOD PRESSURE/ BODY WEIGHT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ ITALY/ LEG INJURIES/ *LEG, blood supply/ MALE/ MIDDLE AGE/ OCCUPATIONS/ PHLEBITIS, familial & genetic/ SCLEROSING SOLUTIONS, adverse effects/ SEX FACTORS/ SMOKING/ SOMATOTYPES/ *THROMBOPHLEBITIS, occurrence/ THROMBOPHLEBITIS, surgery/ THROMBOPHLEBITIS, therapy/ TIME FACTORS/ VARICOSE VEINS, familial & genetic

7494. **Raso AM:** Elementos básicos para el estudio epidemiológico de las enfermedades venosas. Angiologia 29(5):228-31, Sep-Oct 77 **(Spa)**
HUMAN/ ITALY/ *MASS SCREENING, methods/ PHLEBITIS, occurrence/ THROMBOPHLEBITIS, occurrence/ *VASCULAR DISEASES, occurrence/ *VEINS

7495. **Rasolonjatovo-Andriananja P, Randriamora L:** Volumneuses tumeurs de la parotide. A propos de 12 cas
Ann Otolaryngol Chir Cervicofac 94(1-2):17-28, Jan-Feb 77 (Eng. Abstr.) **(Fre)**
ADENOCARCINOMA, pathology/ ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ CYSTS, pathology/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, pathology/ HUMAN/ INFANT/ KELOID, pathology/ MALAGASY REPUBLIC/ MALE/ MIDDLE AGE/ MIXED SALIVARY GLAND TUMOR, pathology/ PAROTID GLAND, surgery/ PAROTID NEOPLASMS, occurrence/ *PAROTID NEOPLASMS, pathology/ PAROTID NEOPLASMS, surgery/ SALIVARY GLAND DISEASES, pathology

7496. **Ratajczak T, Szewczyk Z:** Rola układów krzepnięcia i fibrynolizy w zapaleniach kłębków nerkowych
Postepy Hig Med Dosw 30(6):861-72, Nov-Dec 76 **(Pol)**
ANIMAL/ *BLOOD COAGULATION/ COMPLEMENT 1, metabolism/ COMPLEMENT 3, metabolism/ FACTOR V, metabolism/ FACTOR VIII, metabolism/ FIBRIN, urine/ *FIBRINOLYSIS/ *GLOMERULONEPHRITIS, blood/ HUMAN/ RABBITS

7497. **Ratky SM, Sykes A, Cooke ED, et al:** Characterisation of serum fibrinogen degradation products using gel chromatography and radioimmunoassay.
Thromb Haemostas 37(3):471-6, 30 Jun 77
CHROMATOGRAPHY, GEL/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ HUMAN/ MALE/ MOLECULAR WEIGHT/ PREGNANCY/ PULMONARY EMBOLISM, blood/ RADIOIMMUNOASSAY/ THROMBOPHLEBITIS, blood

7498. **Ratnoff OD:** Mediators of inflammation.
J Allergy Clin Immunol 58(3):438-46, Sep 76 (61 ref.)
ANGIONEUROTIC EDEMA, familial & genetic/ BLOOD COAGULATION/ COMPLEMENT 1, antagonists & inhibitors/ FACTOR XII, history/ FACTOR XII, metabolism/ FIBRINOLYSIN, metabolism/ HUMAN/ *INFLAMMATION, etiology/ KALLIKREIN, metabolism/ KININS, metabolism/ PAIN, etiology/ REVIEW/ THROMBOPLASTIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7499. **Ratnoff OD:** A new property of an old remedy: fibrinolysis and aspirin [editorial]. N Engl J Med 296(10):566-7, 10 Mar 77
FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS,

drug effects/ HUMAN/ PLASMA, drug effects/ PLASMA, enzymology/ PLASMINOGEN, metabolism/ *SALICYLATES, pharmacodynamics

7500. **Ratnoff OD, Jones PK:** The laboratory diagnosis of the carrier state for classic hemophilia. Ann Intern Med 86(5):521–8, May 77
ANTIGENS, analysis/ FACTOR VIII, analysis/ FEMALE/ HEMOPHILIA, blood/ *HEMOPHILIA, diagnosis/ HEMOPHILIA, familial & genetic/ HUMAN/ MALE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7501. **Ratnoff OD:** The substructure of antihemophilic factor (AHF, factor VIII): some clearing of the fog. J Lab Clin Med 89(6):1159–62, Jun 77
ANIMAL/ *FACTOR VIII, analysis/ HEMOPHILIA, blood/ HUMAN/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ VON WILLEBRAND'S DISEASE, blood

7502. **Ratti R:** Schrittmacher-Nachsorge Schweiz Med Wochenschr 106(18):621–3, 1 May 76 **(Ger)**
AFTER CARE/ ENDOCARDITIS, prevention & control/ HUMAN/ *PACEMAKER, ARTIFICIAL/ PULMONARY EMBOLISM, prevention & control

7503. **Raulo Y:** Tumeurs cutanées de la face Cah Odontostomatol Touraine 6(2):35–42, Apr–Jun 74 **(Fre)**
CARCINOMA, pathology/ CARCINOMA, BASAL CELL, pathology/ CYLINDROMA, pathology/ FACE/ *FACIAL NEOPLASMS, pathology/ FACIAL NEOPLASMS, therapy/ HEMANGIOMA, pathology/ HUMAN/ KELOID, pathology/ LIPOMA, pathology/ MELANOMA, pathology/ NEVUS, pathology/ PRECANCEROUS CONDITIONS, pathology/ SKIN DISEASES, pathology/ *SKIN NEOPLASMS, pathology/ SKIN NEOPLASMS, therapy/ XANTHOMATOSIS, pathology

7504. **Ray B, Clark SS:** Hemangioma of scrotum. Urology 8(5):502–5, Nov 76
ADULT/ CASE REPORT/ HEMANGIOMA, CAVERNOUS, pathology/ *HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ LIGATION/ MALE/ SCROTUM, pathology/ *SCROTUM, surgery/ VEINS, surgery

7505. **Raymond G, Duplay H, Mattei M, et al:** Anurie et cancer du rein J Urol Nephrol (Paris) 82(7–8):696–8, Jul–Aug 76 **(Fre)**
AGED/ *ANURIA, etiology/ *CARCINOMA, PAPILLARY, complications/ CARCINOMA, PAPILLARY, pathology/ CARCINOMA, PAPILLARY, surgery/ CASE REPORT/ HUMAN/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, pathology/ KIDNEY NEOPLASMS, surgery/ KIDNEY, pathology/ MALE/ RENAL VEINS, pathology/ THROMBOSIS, complications/ THROMBOSIS, pathology/ THROMBOSIS, surgery

7506. **Raynaud EJ, Coulet M, Bezou MJ, et al:** Anomalies de l'hémostase et hypotrophie foetale. Pediatrie 32(3):231–9, Apr–May 77 (Eng. Abstr.) **(Fre)**
BLOOD COAGULATION DISORDERS, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FACTOR V, biosynthesis/ *FETAL DISEASES, blood/ FETAL DISEASES, complications/ *HEMOSTASIS/ HUMAN/ HYPOGLYCEMIA, complications/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood/ INFANT, NEWBORN, DISEASES, complications/ RETINAL HEMORRHAGE, complications

7507. **Razavi M, Duarte EP, Tahmooressi P:** Cardioversion: ten-year Cleveland Clinic experience. Cleve Clin Q 43(3):175–80, Fall 76
*ELECTRIC COUNTERSHOCK/ ELECTRIC COUNTERSHOCK, adverse effects/ HUMAN/ OHIO/ THROMBOEMBOLISM, etiology/ VENTRICULAR FIBRILLATION, therapy

7508. **Razumov VB, Arutiunov GP:** Reologicheskie svoĭstva krovi u bol'nykh s neoslozhnennym i oslozhnennym techeniem ostrogo infarkta mipkarda Kardiologiia 16(4):53–8, Apr 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ ERYTHROCYTE AGGREGATION/ FEMALE/ FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN/ MALE/ *MICROCIRCULATION/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ RHEOLOGY

7509. **Rea WJ:** Environmentally triggered thrombophlebitis. Ann Allergy 37(2):101–9, Aug 76
ADULT/ AGED/ *ENVIRONMENT/ ENVIRONMENT, CONTROLLED/ FEMALE/ FOOD HYPERSENSITIVITY/ FOOD-PROCESSING INDUSTRY/ HUMAN/ MALE/ MIDDLE AGE/ ODORS/ *PULMONARY EMBOLISM, etiology/ PULSE/ RECURRENCE/ RESPIRATORY HYPERSENSITIVITY, etiology/ RESPIRATORY HYPERSENSITIVITY, physiopathology/ *THROMBOPHLEBITIS, etiology/ TIME FACTORS

7510. **Reber HA, Johnson FE, Montgomery C, et al:** Pancreatic secretion in hamsters with pancreatic cancer. Surgery 82(1):34–41, Jul 77
AMYLASE, secretion/ ANIMAL/ CHOLECYSTOKININ, pharmacodynamics/ CHYMOTRYPSIN, secretion/ ELECTROLYTES, secretion/ HAMSTERS/ MALE/ MESOCRICETUS/ PANCREAS, drug effects/ PANCREAS, pathology/ *PANCREAS, secretion/ *PANCREATIC DUCTS/ *PANCREATIC JUICE, secretion/ PANCREATIC NEOPLASMS, pathology/ *PANCREATIC NEOPLASMS, physiopathology/ PROTEINS, secretion/ SECRETIN, pharmacodynamics/ TRYPSIN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7511. **Recalcati P, Pogliani E, Praga C:** Hypocalcemia and bleeding disorders in a uremic patient. Atti Accad Med Lomb 30(1–3):91–8, 1975 (Eng. Abstr.)
ADULT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ *HEMORRHAGE, etiology/ HUMAN/ *HYPOCALCEMIA, complications/ RETINAL HEMORRHAGE, etiology/ *UREMIA, complications

7512. **Reckless JP, Betterridge DJ, Wu P, et al:** Effect of storage on plasma-lipoproteins [letter] Lancet 2(8033):350, 13 Aug 77
*BLOOD PRESERVATION/ CHOLESTEROL, blood/ HUMAN/ *LIPOPROTEINS, HDL, blood/ TIME FACTORS/ TRIGLYCERIDES, blood

7513. **Reckling FW:** Thromboembolism. Diagnosis and prevention in surgical patients. J Kans Med Soc 77(12):535–7, 542, Dec 76
ANTICOAGULANTS, therapeutic use/ HUMAN/ POSTOPERATIVE COMPLICATIONS, diagnosis/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOEMBOLISM, diagnosis/ *THROMBOEMBOLISM, prevention & control

7514. **Recordier AM, Roux H, Mercier P, et al:** A propos d'anomalies immunologiques au cours de traitements par pénicillamine Ann Med Interne (Paris) 127(8–9):566–70, AUG–SEP 76 **(Fre)**
ADULT/ AGED/ *ANTIBODIES/ ANTIBODIES, analysis/ *ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, immunology/ AUTOANTIBODIES, analysis/ BLOOD PLATELETS, immunology/ FEMALE/ HUMAN/ IMMUNOLOGIC TECHNICS/ *LYMPHOCYTES, drug effects/ LYMPHOCYTES, immunology/ LYMPHOTOXIN, analysis/ *LE CELLS/ MALE/ MIDDLE AGE/ *PENICILLAMINE, adverse effects/ PENICILLAMINE, therapeutic use

7515. **Redding KG:** Thrombocythemia as a cause of erythermalgia. Arch Dermatol 113(4):468–71, Apr 77
AGED/ CASE REPORT/ CYANOSIS, pathology/ *ERYTHROMELALGIA, etiology/ ERYTHROMELALGIA, pathology/ FEMALE/ *FOOT DERMATOSES, etiology/ FOOT

DERMATOSES, pathology/ HEPARIN, administration & dosage/ HUMAN/ *THROMBOCYTOSIS, complications/ THROMBOCYTOSIS, pathology/ THROMBOSIS, pathology/ TOES, blood supply

7516. **Reddy DV, Rhodes DP, Lesnaw JA, et al:** In vitro transcription of wound tumor virus RNA by virion-associated RNA transcriptase. Virology 80(2):356–61, 15 Jul 77
CELL-FREE SYSTEM/ CHYMOTRYPSIN, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ MANGANESE, pharmacodynamics/ PHOSPHOENOLPYRUVATE CARBOXYKINASES, pharmacodynamics/ PHOSPHOENOLPYRUVATE, pharmacodynamics/ *PLANT TUMORS, microbiology/ PLANT VIRUSES, enzymology/ *PLANT VIRUSES, metabolism/ *RNA POLYMERASES, metabolism/ *RNA, VIRAL, biosynthesis/ *TRANSCRIPTION, GENETIC

7517. **Reddy KN:** Kinetics of active center formation in dog plasminogin by streptokinase and activity of a modified streptokinase. J Biol Chem 251(21):6624–9, 10 Nov 76
ANIMAL/ BINDING SITES/ DOGS/ ENZYME ACTIVATION/ KINETICS/ PLASMINOGEN, isolation & purification/ *PLASMINOGEN, metabolism/ *STREPTOKINASE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7518. **Reddy KN, Kline DL:** Isolation of an active derivative produced from native streptokinase by dog plasmin. Thromb Res 9(4):407–11, Oct 76
ANIMAL/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *FIBRINOLYSIN, metabolism/ HUMAN/ IN VITRO/ PEPTIDE FRAGMENTS, isolation & purification/ PLASMINOGEN ACTIVATORS/ PLASMINOGEN, metabolism/ PROTEIN CONFORMATION/ *STREPTOKINASE, chemical synthesis/ STREPTOKINASE, isolation & purification/ STREPTOKINASE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7519. **Reddy VV, Kupfer D, Caspi E:** Mechanism of C-5 double bond introduction in the biosynthesis of cholesterol by rat liver microsomes. J Biol Chem 252(9):2797–801, 10 May 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ CHOLESTENES, metabolism/ *CHOLESTEROL, biosynthesis/ CYTOCHROME C, pharmacodynamics/ CYTOCHROME REDUCTASES, antagonists & inhibitors/ *CYTOCHROMES, metabolism/ ELECTRON TRANSPORT/ FEMALE/ FERRICYANIDES, pharmacodynamics/ IMMUNOGLOBULINS/ *MICROSOMES, LIVER, metabolism/ NADPH CYTOCHROME C REDUCTASE, antagonists & inhibitors/ OXIDATION-REDUCTION/ RATS/ STEROLS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K, pharmacodynamics

7520. **Reddy YS:** Phosphorylation of cardiac regulatory proteins by cyclic AMP-dependent protein kinase. Am J Physiol 231(5 Pt. 1):1330–6, Nov 76
ACTIN, metabolism/ ACTOMYOSIN, metabolism/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ AZIDES/ CASEIN, metabolism/ DOGS/ EGTA/ HISTONES, metabolism/ IN VITRO/ *MUSCLE PROTEINS, metabolism/ MYOCARDIUM, metabolism/ MYOFIBRILS, enzymology/ *MYOFIBRILS, metabolism/ MYOSIN, metabolism/ NUCLEOTIDES, CYCLIC, pharmacodynamics/ OUABAIN/ PHOSVITIN, metabolism/ PROTAMINES, metabolism/ *PROTEIN KINASE, metabolism/ QUINIDINE/ *TROPOMYOSIN, metabolism/ *TROPONIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7521. **Redfern R, Gill JE, Hadler MR:** Laboratory evaluation of WBA 8119 as a rodenticide for use against warfarin-resistant and non-resistant rats and mice. J Hyg (Camb) 77(3):419–26, Dec 76
ANIMAL/ *BIPHENYL COMPOUNDS, pharmacodynamics/ DRUG RESISTANCE/ FOOD/ MICE/ RATS/ *RODENTICIDES, pharmacodynamics/ WARFARIN, pharmacodynamics/ *4-HYDROXYCOUMARINS, pharmacodynamics

7522. **Redhammer R, Hudecová M:** Vplyv odberu krvi na presnost určenia vysokých hodnôt PO2 v krvi so zvláštnym zretel'om na dilučný vplyv heparínu Bratisl Lek Listy 66(3):285–92, 1976 **(Cze)**
HEPARIN, administration & dosage/ HEPARIN, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ *OXYGEN, blood

7523. **Redmond DE Jr, Baulu J, Murphy DL, et al:** The effects of testosterone on plasma and platelet monoamine oxidase (MAO) an plasma dopamine-beta-hydroxylase (DBH) activities in the male rhesus monkey. Psychosom Med 38(5):315–26, Sep-Oct 76
ANIMAL/ *BLOOD PLATELETS, enzymology/ CASTRATION/ *DOPAMINE BETA-HYDROXYLASE, blood/ KETAMINE, pharmacodynamics/ *MACACA, blood/ MALE/ MONKEYS/ *MONOAMINE OXIDASE, blood/ *RHESUS MONKEYS, blood/ SOCIAL ENVIRONMENT/ *TESTOSTERONE, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7524. **Reeck GR, Nelson TB, Paukstelis JV, et al:** Comparisons of diisopropylfluorophosphate derivatives of chymotrypsin and chymotrypsinogen by phosphorus-31 nuclear magnetic resonance. Biochem Biophys Res Commun 74(2):643–9, 24 Jan 77
BINDING SITES/ *CHYMOTRYPSIN/ *CHYMOTRYPSINOGEN/ COMPARATIVE STUDY/ FOURIER ANALYSIS/ *ISOFLUROPHATE/ NUCLEAR MAGNETIC RESONANCE/ PHOSPHORUS ISOTOPES/ PROTEIN BINDING/ PROTEIN CONFORMATION

7525. **Reed WP, Williams RC:** Immune complexes in infectious diseases. Adv Intern Med 22:49–72, 1977 (101 ref.)
*ANTIGEN-ANTIBODY COMPLEX/ BLOOD PLATELETS, physiology/ CAPILLARY PERMEABILITY/ *COMMUNICABLE DISEASES, immunology/ COMPLEMENT, physiology/ DISEASE MODELS, ANIMAL/ ENDOCARDITIS, SUBACUTE BACTERIAL, immunology/ GLOMERULONEPHRITIS, immunology/ HEPATITIS, VIRAL, HUMAN, immunology/ HUMAN/ IGA, SECRETORY, physiology/ IMMUNE COMPLEX DISEASE, immunology/ IMMUNOGLOBULINS, FC/ IMMUNOGLOBULINS, GAMMA CHAIN, physiology/ IMMUNOLOGIC TECHNICS/ LEPROSY, immunology/ MALARIA, immunology/ NEUTROPHILS, physiology/ PHAGOCYTOSIS/ PROPERDIN, physiology/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7526. **Rees JR, Subramanian VA, Holswade GR, et al:** Aortic valve replacement utilizing Magovern-Cromie prosthesis. Late follow-up. NY State J Med 77(1):34–7, Jan 77
*AORTIC VALVE, surgery/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, mortality/ HUMAN/ THROMBOEMBOLISM, etiology

7527. **Rees JR, Holswade GR, Carlson RG, et al:** Mitral valve replacement: a comparison of two prostheses. Chest 71(2):135–8, Feb 77
ADOLESCENCE/ ADULT/ AGED/ COMPARATIVE STUDY/ ENDOCARDITIS, etiology/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, mortality/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE, surgery/ THROMBOEMBOLISM, etiology

7528. **Reese ME Jr, McDonald TP, Jones JB:** Platelet function studies in dogs with cyclic hematopoiesis. Proc Soc Exp Biol Med 153(2):324–9, Nov 76
ANIMAL/ *BLOOD PLATELETS, physiology/

CLOT RETRACTION/ *DOG DISEASES, blood/ DOGS/ FIBRINOGEN, blood/ HEMATOLOGIC DISEASES, blood/ *HEMATOLOGIC DISEASES, veterinary/ *HEMATOPOIESIS/ LEUKOCYTE COUNT/ NEUTROPHILS/ PERIODICITY/ *PLATELET ADHESIVENESS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7529. **Refsum N, Arnesen H, Gilhuus-Moe CC, et al:** The relationship between Normotest and Thrombotest in patients on oral anticoagulant therapy.
Scand J Haematol 18(4):333-6, Apr 77
ADMINISTRATION, ORAL/ *BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ HUMAN/ WARFARIN, administration & dosage/ *WARFARIN, therapeutic use

7530. **Regan TJ, Moschos CB, Weisse AB:** MI with normal coronaries in toxic cardiomyopathy [letter]. Circulation 55(4):679, Apr 77
HUMAN/ *MYOCARDIAL DISEASES, PRIMARY, complications/ *MYOCARDIAL INFARCT, etiology/ THROMBOEMBOLISM, complications

7531. **Regañon E, Aznar J, Vila V:** Degradation of human fibrinogen by plasmin: a kinetic study. Thromb Res 10(3):411-9, Mar 77
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIN, pharmacodynamics/ HUMAN/ KINETICS/ MATHEMATICS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, metabolism/ TIME FACTORS

7532. **Regañon E, Vila V, Aznar J:** Estudio analítico de la degradación plasmínica de la fibrina no estabilizada.
Sangre (Barc) 22(4):453-60, 1977 **(Spa)**
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRIN, analysis/ HUMAN

7533. **Regenbogen L, Godel V, Feiler-Ofry V, et al:** Retinal breaks secondary to vascular accidents. Am J Ophthalmol 84(2):187-96, Aug 77
ADULT/ CASE REPORT/ CHOROID, physiopathology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ RETINA, pathology/ RETINAL ARTERY, pathology/ *RETINAL DETACHMENT, etiology/ RETINAL DETACHMENT, pathology/ RETINAL DETACHMENT, physiopathology/ RETINAL VEIN, pathology/ *RETINAL VESSELS/ *THROMBOSIS, complications

7534. **Régent D, Fays J:** Aspects angiographiques des traumatismes iatrogéniques du foie J Radiol Electrol Med Nucl 57(8-9):654-5, Aug-Sep 76 **(Fre)**
ANEURYSM, radiography/ ARTERIOVENOUS FISTULA, radiography/ *BIOPSY, NEEDLE, adverse effects/ HEMATOMA, radiography/ HUMAN/ *LIVER CIRCULATION/ *LIVER, injuries

7535. **Regestein QR, Alpert JS, Reich P:** Sudden catatonic stupor with disastrous outcome. JAMA 238(7):618-20, 15 Aug 77
ACUTE DISEASE/ ADULT/ CASE REPORT/ *CATATONIA, complications/ FEMALE/ HUMAN/ MALE/ MENTAL DISORDERS, complications/ MIDDLE AGE/ *PNEUMONIA, STAPHYLOCOCCAL, etiology/ *PULMONARY EMBOLISM, etiology/ *THROMBOPHLEBITIS, etiology

7536. **Reginster M, Rentier B, Dierickx L:** Impairment of the M-protein and unmasking of a superficial type-specific antigen by proteolytic treatment of influenza A virions with preservation of host-specific antigenicity.
Intervirology 6(4-5):239-48, 1975-76
ANTIGENIC DETERMINANTS/ *ANTIGENS, VIRAL/ COMPLEMENT FIXATION TESTS/ HEMAGGLUTININS, VIRAL/ NEURAMINIDASE/ ORTHOMYXOVIRUSES TYPE A, drug effects/ *ORTHOMYXOVIRUSES TYPE A, immunology/ *PEPTIDE HYDROLASES, pharmacodynamics/ *VIRAL PROTEINS

7537. **Regoeczi E:** Labelled polyvinylpyrrolidone as an in vivo indicator of reticuloendothelial activity.
Br J Exp Pathol 57(4):431-42, Aug 76
ANIMAL/ ANTIGEN-ANTIBODY COMPLEX/ ARVIN, pharmacodynamics/ CHROMATOGRAPHY, GEL/ FIBRINOGEN, pharmacodynamics/ IODINE ISOTOPES, DIAGNOSTIC/ *PHAGOCYTOSIS/ PHAGOCYTOSIS, drug effects/ POLYVINYLPYRROLIDONE, blood/ *POLYVINYLPYRROLIDONE, diagnostic use/ RABBITS/ RATS/ RETICULOENDOTHELIAL SYSTEM, drug effects/ RETICULOENDOTHELIAL SYSTEM, immunology/ *RETICULOENDOTHELIAL SYSTEM, physiology/ VACCINES

7538. **Regoli D, Park WK, Rioux F, et al:** Metabolism of angiotensin in vascular smooth muscle. pp. 617-24.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
ANGIOTENSIN II, metabolism/ *ANGIOTENSIN, metabolism/ ANIMAL/ AORTA, metabolism/ IN VITRO/ MONOGRAPH/ *MUSCLE, SMOOTH, metabolism/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES, metabolism/ RABBITS

7539. **Reichart P, Reznik-Schüller H:** The ultrastructure of an oral angiomyoma. J Oral Pathol 6(1):25-34, Jan 77
BASEMENT MEMBRANE, ultrastructure/ CASE REPORT/ CELL NUCLEUS, ultrastructure/ CYTOPLASM, ultrastructure/ FEMALE/ *HEMANGIOMA, ultrastructure/ HUMAN/ *LEIOMYOMA, ultrastructure/ MIDDLE AGE/ *MOUTH NEOPLASMS, ultrastructure

7540. **Reichle FA, Rao NS, Chang KH, et al:** Thrombolysis of acute or subacute nonembolic arterial thrombosis.
J Surg Res 22(3):202-8, Mar 77
BLOOD COAGULATION TESTS/ BLOOD COAGULATION, drug effects/ BLOOD PRESSURE, drug effects/ CORTISONE, therapeutic use/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy/ THROMBOSIS, mortality

7541. **Reichle FA, Rao NS, Chang KH, et al:** Fibrinolytic treatment of acute or subacute arterial thrombosis. Surg Forum 27(62):219-21, 1976
ACUTE DISEASE/ COMPARATIVE STUDY/ FEMALE/ *FEMORAL ARTERY/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy

7542. **Reichman OH:** Complications of cerebral revascularization. Clin Neurosurg 23:318-35, 1976
ADULT/ AGED/ CEREBRAL ANEURYSM, complications/ *CEREBRAL ARTERIES, surgery/ CEREBROVASCULAR DISORDERS, mortality/ *CEREBROVASCULAR DISORDERS, surgery/ CONVULSIONS, etiology/ DIABETES MELLITUS, complications/ FEMALE/ HEART DISEASES, complications/ HEMATOMA, SUBDURAL, etiology/ HUMAN/ HYPERLIPEMIA, complications/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ NECROSIS/ *POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ SCALP/ SKIN DISEASES, etiology/ TEMPORAL ARTERIES, surgery

7543. **Reid BL:** Protamines in the sperm heads of inbred and outbred mice J Reprod Fertil 49(1):169-71, Jan 77
ANIMAL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MALE/ MICE/ *MICE, INBRED STRAINS/ *PROTAMINES, analysis/ *SPERM HEAD, analysis/ *SPERMATOZOA, analysis

7544. **Reid L, Meyrick B:** Disturbance of the blood/gas barrier in pulmonary hypertension - in disease and animal models. pp. 155-64.

In: Distribution des échanges gazeux pulmonaires. Paris, INSERM, 1976. WF 600 D613 1975.
ADULT/ AGED/ ANIMAL/ ANOXIA, complications/ CAPILLARIES, pathology/ CAPILLARIES, ultrastructure/ *DISEASE MODELS, ANIMAL/ FEMALE/ HUMAN/ HYPERTENSION, etiology/ *HYPERTENSION, PULMONARY, pathology/ HYPERTENSION, PULMONARY, radiography/ MALE/ MIDDLE AGE/ MONOGRAPH/ MUSCLE, SMOOTH/ PULMONARY ALVEOLI, blood supply/ PULMONARY ARTERY, pathology/ PULMONARY ARTERY, radiography/ PULMONARY ARTERY, ultrastructure/ *PULMONARY CIRCULATION/ PULMONARY EMBOLISM, complications/ RATS

7545. **Reif AE, Robinson CM, Incze JS:** Assay of immune cytolysis of lymphocytes and tumour cells by automatic determination of cell volume distribution. Immunology 33(1):69–80, Jul 77
ANIMAL/ ANTIBODIES, analysis/ ANTIGEN-ANTIBODY REACTIONS/ CELL COUNT/ COMPLEMENT/ *CYTOTOXICITY TESTS, IMMUNOLOGIC, methods/ IN VITRO/ *LYMPHOCYTES, immunology/ MICE/ MICROSCOPY, ELECTRON, SCANNING/ *NEOPLASMS, EXPERIMENTAL, immunology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7546. **Reif UM, Winterhoff U, Lundholm U, et al:** Purification of an endonuclease from adenovirus-infected KB cells. Eur J Biochem 73(2):313–25, Mar 1 77
*ADENOVIRUSES, HUMAN, enzymology/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ DEOXYRIBONUCLEASE, isolation & purification/ DEOXYRIBONUCLEASE, metabolism/ *ENDONUCLEASES/ ENDONUCLEASES, isolation & purification/ ENDONUCLEASES, metabolism/ ENZYME ACTIVATION/ GEL DIFFUSION TESTS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PEPTIDE HYDROLASES, metabolism

7547. **Reimerdes EH, Klostermeyer H:** Determination of proteolytic activities on casein substrates. Methods Enzymol 45:26–8, 1976
*CASEIN, metabolism/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ METHODS/ *PEPTIDE HYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

7548. **Reimers HJ, Packham MA, Mustard JF:** Labeling of the releasable adenine nucleotides of washed human platelets. Blood 49(1):89–99, Jan 77
*ADENOSINE DIPHOSPHATE, metabolism/ *ADENOSINE TRIPHOSPHATE, metabolism/ *BLOOD PLATELETS, metabolism/ CARBON RADIOISOTOPES/ EDTA, pharmacodynamics/ HUMAN/ TEMPERATURE/ THROMBIN, pharmacodynamics/ TIME FACTORS

7549. **Reimers HJ, Packham MA, Kinlough-Rathbone RL, et al:** Adenine nucleotides in thrombin-degranulated platelets: effect of prolonged circulation in vivo. J Lab Clin Med 90(3):490–501, Sep 77
*ADENINE NUCLEOTIDES, blood/ ADENOSINE DIPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ ANIMAL/ *BLOOD CIRCULATION/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ COLLAGEN, pharmacodynamics/ PLATELET AGGREGATION/ RABBITS/ SEROTONIN, blood/ *THROMBIN, pharmacodynamics/ TIME FACTORS

7550. **Reimers HJ, Packham MA, Cazenave JP, et al:** Effect of reserpine on adenosive uptake and metabolism, and subcellular transport of platelet adenosine triphosphate in washed rabbit platelets. Biochem Pharmacol 26(18):1657–65, 15 Sep 77
*ADENOSINE TRIPHOSPHATE, blood/ *ADENOSINE, blood/ ANIMAL/ BIOLOGICAL TRANSPORT, drug effects/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ IN VITRO/ MODELS, BIOLOGICAL/ RABBITS/ *RESERPINE, pharmacodynamics/ *SUBCELLULAR FRACTIONS, metabolism/ TIME FACTORS

7551. **Reimers HJ, Allen DJ, Cazenave JP, et al:** Serotonin transport and storage in rabbit blood platelets--the effects of reserpine and imipramine. Biochem Pharmacol 26(18):1645–55, 15 Sep 77
ANIMAL/ BIOLOGICAL TRANSPORT, drug effects/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ *IMIPRAMINE, pharmacodynamics/ IN VITRO/ KINETICS/ MODELS, BIOLOGICAL/ RABBITS/ *RESERPINE, pharmacodynamics/ *SEROTONIN, blood/ SUBCELLULAR FRACTIONS, metabolism/ THROMBIN, pharmacodynamics/ TIME FACTORS

7552. **Reimers HJ, Kinlough-Rathbone RL, Packham MA, et al:** Effects of reserpine and serotonin on adenine nucleotide matabolism and glucose oxidation of washed rabbit platelets. Biochem Pharmacol 26(18):1667–70, 15 Sep 77
*ADENINE NUCLEOTIDES, blood/ ADENOSINE DIPHOSPHATE, blood/ ADENOSINE MONOPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ ANIMAL/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ *BLOOD SUGAR, metabolism/ IN VITRO/ OXIDATION-REDUCTION/ RABBITS/ *RESERPINE, pharmacodynamics/ *SEROTONIN, pharmacodynamics/ TIME FACTORS

7553. **Reinertson MW:** Intramural hematoma of the duodenum: A case report. J Iowa Med Soc 67(5):175–7, May 77
ABDOMEN, ACUTE, diagnosis/ CASE REPORT/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ *DUODENAL OBSTRUCTION, diagnosis/ *HEMATOMA, diagnosis/ HUMAN/ MALE

7554. **Reinglass JL, Muller J, Wissman S, et al:** Central nervous system angioendothelosis. A treatable multiple infarct dementia. Stroke 8(2):218–21, Mar–Apr 77
APHASIA, etiology/ APRAXIA, etiology/ BRAIN NEOPLASMS, complications/ *BRAIN NEOPLASMS, drug therapy/ BRAIN, pathology/ CASE REPORT/ DEXAMETHASONE, therapeutic use/ FEMALE/ *HEMANGIOENDOTHELIOMA, drug therapy/ HEMANGIOENDOTHELIOMA, pathology/ HEMIPLEGIA, etiology/ HUMAN/ *MENTAL DISORDERS, drug therapy/ MENTAL DISORDERS, etiology/ MIDDLE AGE/ PREDNISONE, therapeutic use/ *STEROIDS, therapeutic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7555. **Reinhard H, Hill K:** Tryptische Pankreatitis bei kleinzelligem Bronchialkarzinom. Dtsch Med Wochenschr 102(21):797–9, 27 May 77 (Eng. Abstr.) **(Ger)**
*CARCINOMA, OAT CELL, complications/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ HYPOKALEMIA, complications/ *LUNG NEOPLASMS, complications/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ PANCREATIC NEOPLASMS, complications/ *PANCREATITIS, etiology/ SMOKING, complications/ TRYPSIN

7556. **Reinicke R, Matthias FR, Lasch HG, et al:** Hyperkoagulabilität bei Patienten nach Herzinfarkt und mit malignen Tumoren. Verh Dtsch Ges Inn Med 82 Pt 2:1750–2, 1976 **(Ger)**
ADULT/ AGED/ *BLOOD COAGULATION DISORDERS, etiology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ *NEOPLASMS, complications

7557. **Reisner HM, Roberts HR, Krumholz S, et al:** Immunochemical characterization of a polyclonal human antibody to factor IX. Blood 50(1):11–9, Jul 77
*ANTIBODIES, analysis/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS/ FACTOR IX, antagonists & inhibitors/ *FACTOR IX, immunology/ HUMAN/ IMMUNOGLOBULINS, KAPPA CHAIN, analysis/ IMMUNOGLOBULINS,

LAMBDA CHAIN, analysis/ ISOELECTRIC FOCUSING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7558. **Relier JP, Gamarra E, de Bethmann O, et al:** Intérêt de la mesure du taux de fibrinogène dans les infections néonatales par contamination maternelle
Arch Fr Pediatr 33(2):109–20, Feb 76 (Eng. Abstr.) **(Fre)**
*BACTERIAL INFECTIONS, blood/ BACTERIAL INFECTIONS, congenital/ BACTERIAL INFECTIONS, etiology/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, analysis/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood/ INFANT, NEWBORN, DISEASES, etiology/ MALE/ PREGNANCY

7559. **Relier JP, Toubas PL, Minkowski A:** Elevated fibrinogen in the diagnosis of bacterial materno-fetal infection. pp. 51–7.
In: Stern L, et al., ed. Intensive care in the newborn. New York, Masson, 1976. WS 420 I601 1975.
*BACTERIAL INFECTIONS, diagnosis/ FALSE NEGATIVE REACTIONS/ FEMALE/ *FETAL DISEASES, diagnosis/ *FIBRINOGEN, analysis/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, diagnosis/ MALE/ *MATERNAL-FETAL EXCHANGE/ MONOGRAPH/ PREGNANCY/ PRENATAL DIAGNOSIS

7560. **Remuzzi G, Marchesi E, de Gaetano G, et al:** [Abnormal tissue repair in Glanzmann's thrombasthenia [letter].
Lancet 1(8007):374–5, 12 Feb 77
ADOLESCENCE/ FEMALE/ HUMAN/ *PURPURA, THROMBOPENIC, familial & genetic/ PURPURA, THROMBOPENIC, pathology/ SKIN, pathology/ SYNDROME/ *WOUND HEALING

7561. **Remuzzi G, Livio M, Roncaglioni MC, et al:** Bleeding in renal failure: is von Willebrand factor implicated?
Br Med J 2(6083):359–61, 6 Aug 77
ADULT/ *BLOOD COAGULATION FACTORS, analysis/ FACTOR VIII, analysis/ FEMALE/ *HEMORRHAGE, etiology/ HUMAN/ KIDNEY FAILURE, CHRONIC, blood/ *KIDNEY FAILURE, CHRONIC, complications/ MALE/ MIDDLE AGE/ *VON WILLEBRAND FACTOR, analysis

7562. **Remuzzi G, Livio M, Donati MB, et al:** Myasthenia gravis, thrombocytopenia and HLA antigens [letter]
Ann Intern Med 87(2):250–1, Aug 77
ADULT/ *AUTOIMMUNE DISEASES, familial & genetic/ AUTOIMMUNE DISEASES, immunology/ CASE REPORT/ FEMALE/ *HISTOCOMPATIBILITY ANTIGENS/ *HL-A/ HUMAN/ *MYASTHENIA GRAVIS, familial & genetic/ MYASTHENIA GRAVIS, immunology/ *THROMBOPENIA, familial & genetic/ THROMBOPENIA, immunology

7563. **Rémy J, Arnaud A, Fardou H, et al:** Treatment of hemoptysis by embolization of bronchial arteries. Radiology 122(1):33–7, Jan 77
ADOLESCENCE/ ADULT/ AGED/ *BRONCHIAL ARTERIES/ *EMBOLIZATION, THERAPEUTIC/ *HEMOPTYSIS, therapy/ HEMOSTASIS/ HUMAN/ MIDDLE AGE

7564. **Ren P, Stark PY, Johnson RL, et al:** Mechanism of action of anticoagulants: correlation between the inhibition of prothrombin synthesis and the regeneration of vitamin K1 from vitamin K1 epoxide. J Pharmacol Exp Ther 201(3):541–6, Jun 77
ANIMAL/ *ANTICOAGULANTS, pharmacodynamics/ COMPARATIVE STUDY/ COUMARINS, pharmacodynamics/ FEMALE/ MALE/ PHENINDIONE, pharmacodynamics/ *PROTHROMBIN, biosynthesis/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, metabolism

7565. **Renaud S:** Effets thrombogènes et athérogènes des graisses alimentaires. Ann Nutr Aliment 30(2–3):235–41, 1976 (18 ref.) (Eng. Abstr.) **(Fre)**
ADULT/ ANIMAL/ AORTA, metabolism/ *ARTERIOSCLEROSIS, etiology/ [illegible]ROSCLEROSIS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, metabolism/ CHOLESTEROL, metabolism/ *CORONARY DISEASE, etiology/ CORONARY DISEASE, mortality/ *DIETARY FATS, adverse effects/ ENGLISH ABSTRACT/ FATTY ACIDS, metabolism/ FRANCE/ HUMAN/ HYPERCHOLESTEREMIA, etiology/ HYPERLIPEMIA, etiology/ MIDDLE AGE/ REVIEW

7566. **Renault P, Choubrac P, Haas CH, et al:** Angio-léiomyomes multiples des 2 poumons. Tumeurs hamartomateuses probables. Décès très tardif par insuffisance respiratoire
Ann Med Interne (Paris) 127(2):91–6, Feb 76 (Eng. Abstr.) **(Fre)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HAMARTOMA, complications/ *HAMARTOMA, diagnosis/ HEMANGIOMA, complications/ *HEMANGIOMA, diagnosis/ HUMAN/ LEIOMYOMA, complications/ *LEIOMYOMA, diagnosis/ LUNG NEOPLASMS, complications/ *LUNG NEOPLASMS, diagnosis/ LUNG, pathology/ RESPIRATORY INSUFFICIENCY, etiology

7567. **Rendl KH, Paulowitz HP:** Der praktische Wert der peripheren funktionellen Venendruckmessung an der unteren Extremität Wien Med Wochenschr 127(7):228–30, 15 Apr 77 **(Ger)**
ADULT/ BLOOD PRESSURE DETERMINATION, methods/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ THROMBOSIS, diagnosis/ VARICOSE VEINS, diagnosis/ VASCULAR DISEASES, diagnosis/ *VENOUS PRESSURE

7568. **Rendu F, Caen J:** 5-HT uptake in platelet populations [letter]. Scand J Haematol 17(4):317–8, Oct 76
*BLOOD PLATELETS, metabolism/ BLOOD SPECIMEN COLLECTION/ EDTA/ HUMAN/ LIGHT/ METHODS/ RESERPINE, pharmacodynamics/ *SEROTONIN, metabolism

7569. **Renger G:** The induction of a high resistance to 3-(3,4-dichlorophenyl-1,1-dimethylurea (DCMU) of oxygen evolution in spinach chloroplasts by trypsin treatment. FEBS Lett 69(1):225–30, 15 Oct 76
CHLOROPLASTS, drug effects/ *CHLOROPLASTS, metabolism/ *DIURON, pharmacodynamics/ FERRICYANIDES, pharmacodynamics/ KINETICS/ *OXYGEN, metabolism/ PHOTOSYNTHESIS, drug effects/ PLANTS/ *TRYPSIN, pharmacodynamics

7570. **Renier JC, Boasson M:** Connaissance clinique des effets secondaires des sels d'or Sem Hop Ther 52(7–8):407–14, Sep-Oct 76 **(Fre)**
AUROTHIOGLUCOSE, adverse effects/ BRONCHITIS, chemically induced/ DERMATITIS MEDICAMENTOSA, etiology/ DRUG HYPERSENSITIVITY, immunology/ EDTA, therapeutic use/ EOSINOPHILIA, chemically induced/ ERYTHRODERMA, chemically induced/ *GOLD, adverse effects/ HUMAN/ IGE, analysis/ LICHEN PLANUS, chemically induced/ LYMPHOCYTE TRANSFORMATION/ NEPHRITIS, chemically induced/ NEUTROPENIA, chemically induced/ PITYRIASIS, [illegible]mically induced/ STOMATITIS, chemically induced/ THROMBOPENIA, chemically induced

7571. **Renke W, Chmielewski J:** Blood coagulation and fibrinolysis system in occupational exposure to some chemical factors.
Bull Inst Marit Trop Med Gdynia 27(3–4):289–98, 1976
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION, drug effects/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ OCCUPATIONAL DISEASES, blood/ *OCCUPATIONAL DISEASES, chemically induced

7572. **Rennie JA, Ogston D:** Changes in coagulation factors following acute myocardial infarction in man.
Haemostasis 5(4):258–64, 1976
ACUTE DISEASE/ ADULT/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ FACTOR IX, analysis/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR VII, analysis/ FACTOR X, analysis/

FACTOR XI, analysis/ FACTOR XII, analysis/ FIBRINOGEN, metabolism/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ PROTHROMBIN/ TIME FACTORS

7573. **Rennie JA, Bennett B, Ogston D:** Effect of local exercise and vessel occlusion on fibrinolytic activity.
J Clin Pathol 30(4):350–2, Apr 77
*ARM, blood supply/ *EXERTION/ *FIBRINOLYSIS/ HUMAN/ PLASMINOGEN ACTIVATORS, blood

7574. **Rennie JAN, Crawford GPM, Ogston D:** Changes in protease inhibitors after acute myocardial infarction.
J Clin Pathol 29(7):639–41, Jul 76
ADULT/ ALPHA MACROGLOBULINS, analysis/ ALPHA 1-ANTITRYPSIN, analysis/ ANTITHROMBINS, analysis/ COMPLEMENT 1, antagonists & inhibitors/ FIBRINOGEN, analysis/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors

7575. **Repina MA, Bazanova GV, Sysoeva ZhI:** Tromboélastograficheskaia otsenka sostoianiia gemokoaguliatsii pri pozdnem toksikoze beremennykh Akush Ginekol (Mosk) (6):30–3, Jun 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LABOR COMPLICATIONS, physiopathology/ *PREGNANCY TOXEMIAS, physiopathology/ PREGNANCY TRIMESTER, THIRD/ PREGNANCY/ *THROMBELASTOGRAPHY/ TIME FACTORS

7576. **Repina MA:** Nekotorye aspekty patogeneza i terapii prezhdevremennoĭ otsloĭki normal'no raspolozhennoĭ platsenty. Vopr Okhr Materin Det 22(5):55–9, May 77 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, complications/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY DISEASES, complications/ PLACENTA DISORDERS, drug therapy/ *PLACENTA DISORDERS, etiology/ PREGNANCY/ RESPIRATION DISORDERS, complications

7577. **Retik AB:** Genitourinary problems in children.
Hosp Pract 11(10):133–40, Oct 76
ABNORMALITIES, MULTIPLE/ CHILD/ CHILD, PRESCHOOL/ CRYPTORCHISM, diagnosis/ CRYPTORCHISM, surgery/ CYSTITIS, complications/ CYSTITIS, diagnosis/ FEMALE/ *GENITAL DISEASES, MALE/ GENITAL DISEASES, MALE, diagnosis/ GYNECOLOGIC DISEASES, diagnosis/ HEMATURIA, complications/ HEMOLYTIC-UREMIC SYNDROME, diagnosis/ HEMOLYTIC-UREMIC SYNDROME, therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ RENAL VEINS/ THROMBOSIS, diagnosis/ THROMBOSIS, therapy/ *UROLOGIC DISEASES/ UROLOGIC DISEASES, diagnosis

7578. **Reuben A, Hirsch M, Berlyne GM:** Renal vein thrombosis as the major cause of renal failure in familial Mediterranean fever. Q J Med 46(182):243–58, Apr 77
ADOLESCENCE/ ADULT/ AMYLOIDOSIS, complications/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ *KIDNEY FAILURE, ACUTE, etiology/ MALE/ *PERIODIC DISEASE, complications/ PERIODIC DISEASE, radiography/ PHLEBOGRAPHY/ *RENAL VEINS/ *THROMBOSIS, complications

7579. **Reut AA, Vostrikov IaSh:** Koaguliatsionnye sdvigi krovi u bol'nykh obliteriruiushchim endarteriitom konechnostei v zavisimosti ot stepeni regionarnoĭ gipoksii i
Probl Gematol Pereliv Krovi 22(3):54–5, Mar 77 **(Rus)**
*ANOXIA, physiopathology/ *BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION TESTS/ *ENDARTERITIS, physiopathology/ HUMAN/ LEG, blood supply/ REGIONAL BLOOD FLOW

7580. **Reut AA, Vostrikov IaSh:** Koaguliatsionnye sdvigi krovi u bol'nykh obliteriruiuschim aterosklerozom konechnosteĭ v zavisimosti ot stepeni regionarnoĭ gipoksii i aktivnoĭ reaktsii tkaneĭ. Kardiologiia 17(3):142, Mar 77 **(Rus)**
*ARTERIOSCLEROSIS OBLITERANS, blood/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ HUMAN/ *LEG, blood supply/ *OXYGEN, blood

7581. **Reuter H, Belger HJ:** Die Bestimmung der Plättchenaggregation mit dem Kammertest bei Thrombozytopenie Med Welt 28(3):116–8, 21 Jan 77 **(Ger)**
*BLOOD COAGULATION TESTS, methods/ HUMAN/ *PLATELET AGGREGATION/ *THROMBOPENIA, blood

7582. **Reuter H:** Die Anwendung von Plättchenfunktionshemmern bei arteriellen Thrombosen. ZFA (Stuttgart) 53(15):861–5, 31 May 77 **(Ger)**
ANIMAL/ ANTICOAGULANTS, therapeutic use/ DRUG INTERACTIONS/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ PLATELET AGGREGATION, drug effects/ RATS/ *THROMBOSIS, drug therapy

7583. **Reuter H, Linker H, Borberg H, et al:** Funktionelle und ultrastrukturelle Untersuchung membranstabilisierter Blutplättchen im Verlauf von Präparation, Konservierung und Transfusion. Verh Dtsch Ges Inn Med 82 Pt 2:1595–7, 1976 **(Ger)**
*BLOOD PLATELETS, ultrastructure/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CELL MEMBRANE, physiology/ DIPYRIDAMOLE, pharmacodynamics/ HUMAN/ PLATELET AGGREGATION, drug effects

7584. **Reutern GM, Dichgans J:** Augenbewegungsstörungen als cerebelläre Symptome bei Kleinhirnbrückenwinkeltumoren
Arch Psychiatr Nervenkr 223(2):117–30, 23 Feb 77 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ *CEREBELLAR NEOPLASMS, physiopathology/ *CEREBELLOPONTILE ANGLE/ ENGLISH ABSTRACT/ EYE MANIFESTATIONS/ *EYE MOVEMENTS/ FEMALE/ HEMANGIOMA, physiopathology/ HUMAN/ MALE/ MENINGIOMA, physiopathology/ MIDDLE AGE/ NEURILEMMOMA, physiopathology/ NYSTAGMUS, physiopathology/ RETICULAR FORMATION, physiopathology/ VESTIBULAR APPARATUS, physiopathology

7585. **Revak SD, Cochrane CG:** Hageman factor: its structure and modes of activation. Thromb Haemostas 35(3):570–5, 30 Jun 76
AMINO ACID SEQUENCE/ *FACTOR XII/ FACTOR XII, biosynthesis/ HUMAN/ IMMUNOELECTROPHORESIS/ IODINE RADIOISOTOPES/ KALLIKREIN, pharmacodynamics/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT

7586. **Revak SD, Cochrane CG, Griffin JH:** The binding and cleavage characteristics of human Hageman factor during contact activation. A comparison of normal plasma with plasmas deficient in factor XI, prekallikrein, or high molecular weight kininogen. J Clin Invest 59(6):1167–75, Jun 77
*BLOOD COAGULATION DISORDERS, metabolism/ ENZYME ACTIVATION/ *FACTOR XI DEFICIENCY, metabolism/ FACTOR XII, isolation & purification/ *FACTOR XII, metabolism/ GLASS/ HUMAN/ *KALLIKREIN, deficiency/ KINETICS/ *KININOGENS, deficiency/ MERCAPTOETHANOL, pharmacodynamics/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, metabolism/ *PREKALLIKREIN, deficiency/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7587. **Revin AN:** Primenenie ingibitorov proteoliticheskikh fermentov v kompleksnom lechenii stafilokokkovogo sepsisa. Khirurgiia (Mosk) (6):78–81, Jun 77 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *STAPHYLOCOCCAL INFECTIONS, drug therapy/ TRYPSIN INHIBITORS, administration & dosage/ *TRYPSIN INHIBITORS, therapeutic use/ *WOUND

INFECTION, drug therapy

7588. **Revskoĭ AK, Zhuraev TZh:** Lechenie ostrykh tromboflebitov i flebotrombozov nizhnikh konechnosteĭ Voen Med Zh (12):29–34, Dec 76 **(Rus)**
HUMAN/ *LEG, blood supply/ *THROMBOPHLEBITIS, therapy

7589. **Reynier J, Merlat M, Aurousseau R, et al:** Hématomes intra-muraux du tube digestif sous traitement anticoagulant. Deux nouveaux cas (i'un duodéno-jéjunal, l'autre iléo-caecal) guéris par résections intestinales (duodéno-jéjunectomie partielle d'une part, hémicolectomie droife d'autre part) Ann Chir 31(2):169–76, Feb 77 (Eng. Abstr.) **(Fre)**
AGED/ *ANTICOAGULANTS, adverse effects/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, etiology/ HEMATOMA, surgery/ *HEMORRHAGE, GASTROINTESTINAL, complications/ HUMAN/ MALE/ MIDDLE AGE

7590. **Reynolds JJ, Murphy G, Sellers A, et al:** A new factor that may control collagen resorption. Lancet 2(8033):333–5, 13 Aug 77
ANIMAL/ CATTLE/ CHICKENS/ *CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ CLOSTRIDIOPEPTIDASE A, biosynthesis/ *COLLAGEN, metabolism/ CONNECTIVE TISSUE, enzymology/ *CONNECTIVE TISSUE, metabolism/ CULTURE MEDIA/ *ENZYME INHIBITORS, pharmacodynamics/ FROGS/ GUINEA PIGS/ HUMAN/ MICE/ PHENYLMERCURIC ACETATE, analogs & derivatives/ PHENYLMERCURIC ACETATE, pharmacodynamics/ RABBITS/ SWINE/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics

7591. **Rezakovic D, Obradov S, Aksamija B, et al:** Poremećaji hemostaze kod akutnih leukoza Med Arh 30(5):273–7, Sep–Oct 76 (Eng. Abstr.) **(Scr)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION DISORDERS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEUKEMIA, blood/ LEUKEMIA, complications/ MALE/ MIDDLE AGE

7592. **Reznik G:** The carcinogenic effect of dimethylnitrosamine on the Chinese hamster (Cricetulus griseus). Cancer Lett 1(1):25–8, Sep 75
ANIMAL/ *CARCINOGENS/ CRICETUS/ DIMETHYLNITROSAMINE, administration & dosage/ *DIMETHYLNITROSAMINE, toxicity/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HAMSTERS/ *HEMANGIOENDOTHELIOMA, chemically induced/ INJECTIONS, SUBCUTANEOUS/ *LIVER NEOPLASMS, chemically induced/ MALE/ MESOCRICETUS/ MICE/ NEOPLASMS, EXPERIMENTAL, chemically induced/ *NITROSAMINES, toxicity/ SPECIES SPECIFICITY

7593. **Reznikoff WS:** Formation of the RNA polymerase-lac promoter open complex. pp. 441–54.
In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975. (19 ref.)
BASE SEQUENCE/ CHROMOSOME DELETION/ DNA RESTRICTION ENZYME/ DNA, BACTERIAL, isolation & purification/ DNA, BACTERIAL, metabolism/ DNA, RECOMBINANT, metabolism/ ENZYME REPRESSION/ *GENES, REGULATOR/ HEPARIN, pharmacodynamics/ *LACTOSE, metabolism/ MONOGRAPH/ MUTATION/ *OPERON/ PROTEIN BINDING, drug effects/ REVIEW/ *RNA POLYMERASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

7594. **Rhodes EL:** Fibrinolytic agents in the treatment of necroboiosis lipoidica. Br J Dermatol 95(6):673–4, Dec 76
CLINICAL RESEARCH/ FIBRINOLYTIC AGENTS, adverse effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ GRANULOMA, drug therapy/ HUMAN/ *NECROBIOSIS LIPOIDICA, drug therapy/ SKIN DISEASES, drug therapy

7595. **Riaskoff S:** Some aspects of photocoagulation treatment of intra-ocular vascular tumors and malignant melanoma of the choroid. Doc Ophthalmol 42(2):303–19, 28 Feb 77
ADOLESCENCE/ ADULT/ *CHOROID NEOPLASMS, surgery/ *EYE NEOPLASMS, surgery/ FEMALE/ FOLLOW-UP STUDIES/ FUNDUS FLUORESCENCE PHOTOGRAPHY/ *HEMANGIOMA, surgery/ HUMAN/ *LIGHT COAGULATION/ MALE/ *MELANOMA, surgery/ MIDDLE AGE/ *RETINA, surgery/ VISUAL ACUITY

7596. **Rice EW:** Plasma fibrinogen, cholinesterase activity, and anemia: utility of fibrinogen in multiphasic screening and in assessing the activity of diseases. Clin Chem 23(4):741–2, 1977
ACUTE DISEASE/ ADULT/ ANEMIA, diagnosis/ *CHOLINESTERASES, blood/ *FIBRINOGEN, analysis/ HEMOGLOBINOMETRY/ HUMAN/ MULTIPHASIC SCREENING

7597. **Rice RH, Means GE, Brown WD:** Stabilization of bovine trypsin by reductive methylation.
Biochim Biophys Acta 492(2):316–21, 24 Jun 77
CATTLE/ CHEMISTRY/ DRUG STABILITY/ ENZYME ACTIVATION/ ESTERASES, metabolism/ KINETICS/ METHYLATION/ OXIDATION-REDUCTION/ *TRYPSIN/ TRYPSIN, metabolism/ TRYPSINOGEN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7598. **Richards KL, Armstrong JD Jr, Tikoff G, et al:** Noninvasive diagnosis of deep venous thrombosis. Arch Intern Med 136(10):1091–6, Oct 76
COMPARATIVE STUDY/ DIAGNOSTIC ERRORS/ HUMAN/ INDICATOR DILUTION TECHNICS/ LEG, blood supply/ METHODS/ PHLEBOGRAPHY/ PLETHYSMOGRAPHY, IMPEDANCE/ PROTAMINES, diagnostic use/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS, diagnostic use

7599. **Richardson M, Barker RD, McMillan RT:** Re-examination of the molecular weight of chymotryptic inhibitor I from potatoes. Biochem Soc Trans 4(6):1077–9, 1976
AMINO ACID SEQUENCE/ CARBOHYDRATES, analysis/ *CHYMOTRYPSIN, antagonists & inhibitors/ MOLECULAR WEIGHT/ *PLANT PROTEINS/ PLANT PROTEINS, pharmacodynamics

7600. **Richardson M, McMillan RT, Barker RD:** The protomer isoinhibitors of chymotryptic inhibitor I from potatoes. Biochem Soc Trans 4(6):1107–8, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *CHYMOTRYPSIN, antagonists & inhibitors/ ISOELECTRIC FOCUSING/ *PLANT PROTEINS/ PLANT PROTEINS, isolation & purification/ PLANT PROTEINS, pharmacodynamics

7601. **Richardson PD:** Design factors affecting thrombosis during extracorporeal membrane oxygenation. pp. 141–56.
In: Zapol WM. Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (27 ref.)
BIOCOMPATIBLE MATERIALS/ *BLOOD PLATELETS, physiology/ *FIBRIN, physiology/ HUMAN/ MONOGRAPH/ *OXYGENATORS, MEMBRANE, adverse effects/ OXYGENATORS, MEMBRANE, instrumentation/ PLATELET ADHESIVENESS/ REVIEW/ TECHNOLOGY, MEDICAL/ *THROMBOSIS, etiology/ THROMBOSIS, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7602. **Richardson PD, Galletti PM:** Correlation of effects of blood flow rate, viscosity and design features on artificial lung performance. pp. 29–44.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.
BIOMEDICAL ENGINEERING/ *BLOOD VISCOSITY/ CARBON DIOXIDE, blood/ CATHETERIZATION/ COMPLIANCE/ *HEART, MECHANICAL/ HUMAN/ MONOGRAPH/ OXYGEN, blood/ *OXYGENATORS, MEMBRANE/ OXYGENATORS, MEMBRANE, adverse effects/

*RHEOLOGY/ THROMBOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7603. **Richardson SG, Breeze GR, Stuart J:** Hyperfibrinogenaemia and hyperviscosity in sickle-cell crisis. J Clin Pathol 29(10):890–3, Oct 76
ADOLESCENCE/ *ANEMIA, SICKLE CELL, blood/ *BLOOD VISCOSITY/ CHILD/ CHILD, PRESCHOOL/ *FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN/ THALASSEMIA, blood

7604. **Richarz R, Wüthrich K:** High field 13C NMR studies at 90.5 MHz of the methyl groups in the basic pancreatic trypsin inhibitor. FEBS Lett 79(1):64–8, 1 Jul 77
*KALLIKREIN-TRYPSIN INACTIVATOR/ NUCLEAR MAGNETIC RESONANCE/ PROTEIN CONFORMATION

7605. **Richaud C:** Les septicémies en urologie
J Urol Nephrol (Paris) 82 suppl 1:1–159, Dec 76 (433 ref.) **(Fre)**
ANTIBIOTICS, therapeutic use/ BACTERIAL TOXINS, analysis/ BLOOD COAGULATION DISORDERS, etiology/ CARDIAC OUTPUT/ DIAGNOSIS, DIFFERENTIAL/ ENDOTOXINS, analysis/ GASTROINTESTINAL DISEASES, etiology/ HEART FAILURE, CONGESTIVE, etiology/ HEMODYNAMICS/ HUMAN/ KIDNEY DISEASES, etiology/ LUNG DISEASES, etiology/ RESPIRATORY INSUFFICIENCY, etiology/ REVIEW/ *SEPTICEMIA/ SEPTICEMIA, complications/ SEPTICEMIA, etiology/ SEPTICEMIA, prevention & control/ SEPTICEMIA, therapy/ SHOCK, SEPTIC, diagnosis/ SHOCK, SEPTIC, etiology/ SHOCK, SEPTIC, physiopathology/ SHOCK, SEPTIC, therapy/ *URINARY TRACT INFECTIONS/ URINARY TRACT INFECTIONS, therapy

7606. **Richens A:** Interactions with antiepileptic drugs. Drugs 13(4):266–75, Apr 77 (62 ref.)
ACETAMINOPHEN, pharmacodynamics/ ACETAZOLAMIDE, pharmacodynamics/ ANTICOAGULANTS, pharmacodynamics/ ANTICONVULSANTS, blood/ *ANTICONVULSANTS, pharmacodynamics/ BENZODIAZEPINE TRANQUILIZERS, pharmacodynamics/ CARBAMAZEPINE, pharmacodynamics/ DIAZEPAM, pharmacodynamics/ DIPHENYLHYDANTOIN, blood/ DIPROPYL ACETATE, pharmacodynamics/ DRUG INTERACTIONS/ FUROSEMIDE, pharmacodynamics/ GRISEOFULVIN, pharmacodynamics/ HUMAN/ PHENOBARBITAL, pharmacodynamics/ PRIMIDONE, pharmacodynamics/ REVIEW/ SEX HORMONES, pharmacodynamics/ SULTHIAME, pharmacodynamics/ UREA, analogs & derivatives/ UREA, pharmacodynamics/ VITAMIN D, pharmacodynamics

7607. **Richert ND, Ryan RJ:** Specific gonadotropin binding to Pseudomonas maltophilia. Proc Natl Acad Sci USA 74(3):878–82, Mar 77
*BINDING SITES/ BINDING, COMPETITIVE/ CHYMOTRYPSIN, metabolism/ FSH, metabolism/ *GONADOTROPINS, CHORIONIC, metabolism/ HEAT/ KINETICS/ LH, metabolism/ PHOSPHOLIPASE, metabolism/ POTASSIUM CHLORIDE, pharmacodynamics/ PRONASE, metabolism/ PSEUDOMONAS, growth & development/ *PSEUDOMONAS, metabolism/ SODIUM CHLORIDE, pharmacodynamics/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7608. **Richey WA, Jaques PF:** Paradoxical embolism in morbidly obese persons. Radiology 123(1):43–6, Apr 77
ADULT/ CASE REPORT/ *EMBOLISM, etiology/ FEMALE/ *HEART SEPTAL DEFECTS, complications/ HUMAN/ MIDDLE AGE/ *OBESITY, complications/ THROMBOPHLEBITIS, complications

7609. **Richter C, Azzi A, Weser U, et al:** Hepatic microsomal dealkylations. Inhibition by a tyrosine–copper (II) complex provided with superoxide dismutase activity. J Biol Chem 252(14):5061–6, 25 Jul 77
AMINOPYRINE N-DEMETHYLASE, antagonists & inhibitors/ ANIMAL/ BENZYL COMPOUNDS, metabolism/ CHLOROBENZOATES, metabolism/ *COPPER, pharmacodynamics/ COUMARINS, metabolism/ DEALKYLATION/ HYDROXYLASES, antagonists & inhibitors/ MALE/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, metabolism/ MODELS, CHEMICAL/ NITROANISOLE O-DEMETHYLASE, antagonists & inhibitors/ OXYGEN CONSUMPTION/ PEROXIDES, metabolism/ RATS/ *SUPEROXIDE DISMUTASE, metabolism/ *TYROSINE, pharmacodynamics

7610. **Richter J, Seyffarth G:** Eine Möglichkeit zur Erkennung intrakranieller Hämatome--Hämatomindex nach Sano
Z Aerztl Fortbild (Jena) 70(13–14):702–3, 15 Jul 76 **(Ger)**
ACUTE DISEASE/ ADULT/ AGE FACTORS/ AGED/ *CEREBRAL HEMORRHAGE, diagnosis/ DIAGNOSIS, COMPUTER ASSISTED/ *HEMATOMA, diagnosis/ HUMAN/ MIDDLE AGE

7611. **Rick ME, Wampler DE, Hoyer LW:** Rabbit factor VIII: identification of size heterogeneity. Blood 49(2):209–17, Feb 77
ANIMAL/ ANTIBODY SPECIFICITY/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, AGAROSE/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FACTOR VIII/ FACTOR VIII, analysis/ FACTOR VIII, immunology/ MOLECULAR WEIGHT/ RABBITS/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7612. **Rick ME, Hoyer LW:** Thrombin activation of factor VIII: the effect of inhibitors. Br J Haematol 36(4):585–97, Aug 77
*FACTOR VIII, metabolism/ HEPARIN, pharmacodynamics/ HIRUDIN, pharmacodynamics/ HUMAN/ ISOFLUROPHATE, pharmacodynamics/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ *THROMBIN, antagonists & inhibitors/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7613. **Rickard KA:** Haemophilia in Australia.
Thromb Haemostas 35(3):566–9, 30 Jun 76
AMBULATORY CARE/ AUSTRALIA/ BLOOD TRANSFUSION/ HEMOPHILIA, occurrence/ *HEMOPHILIA, therapy/ HUMAN/ MALE/ ORGANIZATION AND ADMINISTRATION

7614. **Rickert WS, McBride-Warren PA:** Structural and functional determinants of Mucor miehei protease VI. Inactivation of the enzyme by diazoacetyl norleucine methyl esters, pepstatin and 1,2-epoxy-30(p-nitro-phenyoxy)propane. Biochim Biophys Acta 480(1):262–74, 11 Jan 77
*AMINOCAPROIC ACIDS, analogs & derivatives/ AZO COMPOUNDS, pharmacodynamics/ COPPER, pharmacodynamics/ EPOXY COMPOUNDS, pharmacodynamics/ KINETICS/ *MUCOR, enzymology/ *NITROPHENOLS, pharmacodynamics/ *NORLEUCINE, analogs & derivatives/ NORLEUCINE, pharmacodynamics/ *OLIGOPEPTIDES, pharmacodynamics/ OSMOLAR CONCENTRATION/ *PEPSTATINS, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SPECTROPHOTOMETRY, ULTRAVIOLET

7615. **Rickles FR, Levin J, Hardin JA, et al:** Tissue factor generation by human mononuclear cells: effects of endotoxin and dissociation of tissue factor generation from mitogenic response. J Lab Clin Med 89(4):792–803, Apr 77
CYTARABINE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DNA, biosynthesis/ *ENDOTOXINS, pharmacodynamics/ *ESCHERICHIA COLI/ HUMAN/ *LYMPHOCYTE TRANSFORMATION, drug effects/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, metabolism/ PLANT AGGLUTININS, pharmacodynamics/ *THROMBOPLASTIN, biosynthesis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7616. **Rickles FR, Rick PD:** Structural features of Salmonella typhimurium lipopolysaccharide required for activation of tissue factor in human mononuclear cells. J Clin Invest 59(6):1188–95, Jun 77
CELLS, CULTURED/ CHEMISTRY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ LIPID A, physiology/ *LIPOPOLYSACCHARIDES/ LIPOPOLYSACCHARIDES, pharmacodynamics/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, metabolism/ MUTATION/ POLYMYXIN, pharmacodynamics/ *SALMONELLA TYPHIMURIUM/ STRUCTURE-ACTIVITY RELATIONSHIP/ *THROMBOPLASTIN, physiology/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7617. **Ricour C, Hatemi N, Etienne J, et al:** Plasma post heparin lipolytic activity (P.H.L.A.) before and during total parenteral nutrition (T.P.N.) in children. Acta Chir Scand [Suppl] (466):114–5, 1976
*CHILD NUTRITION/ CHILD/ CHILD, PRESCHOOL/ HEPARIN, pharmacodynamics/ HUMAN/ INFANT/ *LIPIDS, blood/ *LIPOPROTEIN LIPASE, blood/ *PARENTERAL FEEDING/ *PARENTERAL HYPERALIMENTATION

7618. **Ricucci G, Lazzari A, Roncalli MG, et al:** Il problema della coagulazione nei cardiopatici congeniti sottoposti ad intervento a cuore aperto. Neutralizzazione dell'eparina dopo C.E.C Minerva Cardioangiol 25(2):173–84, Feb 77 (Eng. Abstr.) **(Ita)**
*BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION, adverse effects/ FEMALE/ *HEART DEFECTS, CONGENITAL, surgery/ *HEPARIN, diagnostic use/ HUMAN/ MALE/ NEUTRALIZATION TESTS

7619. **Ridell B, Branehög I:** The ultrastructure of the megakaryocytes in idiopathic thrombocytopenic purpura (ITP) in relation to thrombokinetics. Pathol Eur 11(3):179–87, 1976
ADULT/ AGED/ *BLOOD PLATELETS, metabolism/ CYTOPLASM, ultrastructure/ FEMALE/ GOLGI APPARATUS, ultrastructure/ HUMAN/ KINETICS/ MALE/ *MEGAKARYOCYTES, ultrastructure/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, pathology

7620. **Ridway JC, Taylor GM, Freeman CB, et al:** Receptors for human immunoglobulin on acute myeloid leukaemic leucocytes. Br J Cancer 34(4):346–58, Oct 76
ADULT/ ERYTHROCYTES, immunology/ HUMAN/ *IMMUNOGLOBULINS, FC/ IMMUNOGLOBULINS, SURFACE/ IN VITRO/ ISOANTIBODIES/ *LEUKEMIA, MYELOBLASTIC, immunology/ LEUKEMIA, MYELOCYTIC, immunology/ *LEUKOCYTES, immunology/ PEPTIDE HYDROLASES/ RH-HR BLOOD-GROUP SYSTEM

7621. **Riedler GF:** Thromboseprophylaxe in der Inneren Medizin Ther Umsch 34(5):363–7, May 77 (Eng. Abstr.) **(Ger)**
*ANTICOAGULANTS, therapeutic use/ CEREBROVASCULAR DISORDERS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MYOCARDIAL INFARCT, complications/ PREGNANCY/ *THROMBOPHLEBITIS, prevention & control

7622. **Riedler GF:** Low-dose-Heparin in der inneren Medizin Zusammenfassender Berich über ein Symposium vom Herbst 1975 in Luzern. Praxis 66(19):573–9, 10 May 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *THROMBOEMBOLISM, prevention & control

7623. **Riedler L:** Zum Problem postoperativer Komplikationen nach Dickdarmoperationen wegen maligner Tumoren Zentralbl Chir 102(4):236–42, 1977 (Eng. Abstr.) **(Ger)**
ABSCESS, etiology/ ADHESIONS, etiology/ ADULT/ AGED/ ANAL GLAND NEOPLASMS, surgery/ COLECTOMY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INTESTINAL FISTULA, etiology/ INTESTINAL OBSTRUCTION, etiology/ *INTESTINE, LARGE, surgery/ MALE/ MIDDLE AGE/ PERITONITIS, etiology/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ THROMBOPHLEBITIS, etiology

7624. **Rieger H, Wurzinger L, Schmid-Schöbein H:** Einfluss der Temperatur auf die scherinduzierte Plättchenaggregation in vitro Klin Wochenschr 55(3):121–30, 1 Feb 77
ADENOSINE TRIPHOSPHATASE, blood/ BLOOD PLATELETS, ultrastructure/ BLOOD PRESERVATION/ BLOOD PROTEINS, physiology/ CALCIUM, blood/ ELECTROCHEMISTRY/ HUMAN/ METHODS/ *PLATELET AGGREGATION/ PSEUDOPODIA, physiology/ *RHEOLOGY/ *TEMPERATURE/ THERMODYNAMICS/ THROMBOSTHENIN, physiology

7625. **Riekkinen P, Palo J, Asikainen I:** Lysosomal enzymes in the lymphocytes and granulocytes of patients with multiple sclerosis. Acta Neurol Scand 56(1):83–6, Jul 77
*ACID PHOSPHATASE, blood/ *GLUCURONIDASE, blood/ *GRANULOCYTES, enzymology/ HUMAN/ *LEUKOCYTES, enzymology/ *LYMPHOCYTES, enzymology/ *LYSOSOMES, enzymology/ *MULTIPLE SCLEROSIS, enzymology/ *PEPTIDE HYDROLASES, blood

7626. **Riensenfeld J, Höök M, Björk I, et al:** Structural requirements for the interaction of heparin with antithrombin III. Fed Proc 36(1):39–43, Jan 77
*ALPHA GLOBULINS/ *ANTITHROMBINS/ BINDING SITES/ GLUCOSAMINE/ GLYCOSAMINOGLYCANS/ *HEPARIN CO-FACTOR/ *HEPARIN/ MOLECULAR WEIGHT/ OLIGOSACCHARIDES/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFATES

7627. **Ries CA:** Vincristine for treatment of refractory autoimmune thrombocytopenia [letter]. N Engl J Med 295(20):1136, 11 Nov 76
ADOLESCENCE/ ADULT/ *AUTOIMMUNE DISEASES, drug therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SPLENECTOMY/ *THROMBOPENIA, drug therapy/ *VINCRISTINE, therapeutic use

7628. **Ries CA:** Platelet kinetics--1975. Ser Haematol 8(3):98–104, 1975
ASPIRIN, pharmacodynamics/ BLOOD COAGULATION/ *BLOOD PLATELETS, physiology/ CELL SURVIVAL, drug effects/ EXTRACORPOREAL CIRCULATION/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ ISOTOPE LABELING/ KINETICS/ PLATELET AGGREGATION, drug effects/ THROMBOEMBOLISM, etiology/ THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, blood/ THROMBOSIS, etiology

7629. **Ries CA:** Platelet kinetics--1975. pp. 98–104. In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (35 ref.)
ANTICOAGULANTS, therapeutic use/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ CELL SURVIVAL/ CHROMIUM RADIOISOTOPES/ DEPRESSION, CHEMICAL/ EXTRACORPOREAL CIRCULATION/ HEART VALVE PROSTHESIS/ HUMAN/ KINETICS/ MONOGRAPH/ POSTOPERATIVE COMPLICATIONS/ REVIEW/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, drug therapy/ THROMBOSIS, blood/ THROMBOSIS, etiology

7630. **Ries CA:** Platelet kinetics in autoimmune thrombocytopenia: relation between splenic platelet sequestration and response to splenectomy [letter]. Ann Intern Med 86(2):194–5, Feb 77
ADOLESCENCE/ ADULT/ AGED/ AUTOIMMUNE DISEASES, physiopathology/ *BLOOD PLATELETS, physiopathology/ CELL SURVIVAL/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SPLENECTOMY/ *THROMBOPENIA,

physiopathology

7631. **Ries W:** Prävention von Venenerkrankungen aus ernährungsphysiologischer Sicht ZFA [Dresden] 31(4):383–8, 1976 (Eng. Abstr.) **(Ger)**
CONSTIPATION, prevention & control/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEG, blood supply/ MALE/ *NUTRITION DISORDERS, complications/ NUTRITION/ THROMBOPHLEBITIS, prevention & control/ VARICOSE VEINS, prevention & control/ *VASCULAR DISEASES, etiology/ VEINS

7632. **Riesen WF, Braun DG:** The amino acid sequence of th eight-chain variable region of a rabbit antibody against the streptococcal group A variant polysaccharide (antibody K16-167). FEBS Lett 75(1):254–8, 15 Mar 77
AMINO ACID SEQUENCE/ ANIMAL/ COMPARATIVE STUDY/ HUMAN/ *IMMUNOGLOBULINS, LIGHT CHAIN/ IMMUNOGLOBULINS, LIGHT CHAIN, isolation & purification/ PEPTIDE FRAGMENTS, analysis/ *POLYSACCHARIDES, BACTERIAL, immunology/ RABBITS, immunology/ SPECIES SPECIFICITY/ *STREPTOCOCCUS PYOGENES, immunology/ TRYPSIN

7633. **Rietschel ET, Galanos C:** Lipid A antiserum-mediated protection against lipopolysaccharide- and lipid A-induced fever and skin necrosis. Infect Immun 15(1):34–49, Jan 77
ANIMAL/ DOSE-RESPONSE RELATIONSHIP, IMMUNOLOGIC/ FEMALE/ FEVER, chemically induced/ *FEVER, prevention & control/ *LIPID A/ *LIPID A, immunology/ LIPID A, metabolism/ *LIPOPOLYSACCHARIDES/ *LIPOPOLYSACCHARIDES, immunology/ MALE/ PASSIVE TRANSFER/ RABBITS/ *SEROTHERAPY/ *SHWARTZMAN PHENOMENON, chemically induced/ *SHWARTZMAN PHENOMENON, prevention & control/ TIME FACTORS

7634. **Rifkin DB, Pollack R:** Proteases produced by normal and malignant cells in culture. pp. 263–85.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976. (33 ref.)
ACTINOMYCIN, pharmacodynamics/ CELL LINE/ CELL MEMBRANE, physiology/ *CELL TRANSFORMATION, NEOPLASTIC/ CYCLOHEXIMIDE, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ EMBRYO/ ENZYME ACTIVATION/ FIBRINOLYSIS/ FIBROBLASTS, drug effects/ FIBROBLASTS, metabolism/ MONOGRAPH/ *PEPTIDE HYDROLASES, metabolism/ PHENOTYPE/ *PLASMINOGEN, metabolism/ REVIEW/ STEROIDS, pharmacodynamics/ SV40 VIRUS, metabolism/ TUBERCIDIN, analogs & derivatives/ TUBERCIDIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7635. **Rifkin DB, Pollack R:** Production of plasminogen activator by established cell lines of mouse origin. J Cell Biol 73(1):47–55, Apr 77
CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ COMPARATIVE STUDY/ FIBRINOLYSIS/ NEOPLASMS, EXPERIMENTAL, etiology/ *PLASMINOGEN ACTIVATORS, biosynthesis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7636. **Rifkin DB, Crowe RM:** A sensitive assay for elastase employing radioactive elastin coupled to sepharose. Anal Biochem 79(1-2):268–75, 1 May 77
ANIMAL/ CATTLE/ CELL LINE/ *ELASTIN, metabolism/ HUMAN/ IODINE RADIOISOTOPES/ LUNG, enzymology/ MACROPHAGES, enzymology/ *PANCREATOPEPTIDASE, analysis/ PEPTIDE HYDROLASES, metabolism/ *POLYSACCHARIDES/ *SEPHAROSE/ SERUM ALBUMIN, BOVINE/ TRITIUM/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7637. **Rigaud JL, Sirol J, Barabe P, et al:** Artérite rickettsienne due ã Coxiella burnetii Arch Mal Coeur 70(2):185–90, Feb 77 (Eng. Abstr.) **(Fre)**
AGGLUTINATION TESTS/ ARTERITIS, drug therapy/ *ARTERITIS, microbiology/ CASE REPORT/ CHLORAMPHENICOL, therapeutic use/ COXIELLA/ DOXYCYCLINE, therapeutic use/ ENDARTERECTOMY/ ENGLISH ABSTRACT/ FEMORAL ARTERY/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, etiology/ PNEUMONIA, complications/ RICKETTSIAL INFECTIONS, drug therapy/ *RICKETTSIAL INFECTIONS, microbiology/ THROMBOSIS, etiology

7638. **Rigbi M, Katcoff DJ:** A study of proteinase inhibition by simulation of inhibitor reactive site regions: interaction of the C-terminal undecapeptide of ovein prolactin with some proteinases. Int J Pept Protein Res 9(4):272–6, 1977
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CHYMOTRYPSIN, pharmacodynamics/ HYDROLYSIS/ MODELS, CHEMICAL/ PEPTIDE CHAIN TERMINATION/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PROLACTIN, metabolism/ SHEEP/ TRYPSIN, pharmacodynamics

7639. **Riggio RR, Saal SD, Stenzel KH, et al:** Biologic immunosuppression in renal transplantation using retroplacental (maternal) source gamma globulin. Transplant Proc 9(1):127–32, Mar 77
BLOOD PLATELETS/ CHROMATOGRAPHY, AFFINITY/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ *GAMMA GLOBULINS, pharmacodynamics/ GRAFT SURVIVAL/ HUMAN/ IMMUNOSORBENT TECHNICS/ *IMMUNOSUPPRESSIVE AGENTS/ *KIDNEY, transplantation/ LEUKOCYTE CULTURE TEST, MIXED/ *PLACENTA, immunology/ PREGNANCY/ TRANSPLANTATION, ALLOGENEIC

7640. **Rigler B:** Zur homologen Leber- und Leber-Nierentransplantation--eine experimentelle Studie Z Exp Chir 9(5):262–81, Oct 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ BICARBONATES, therapeutic use/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *KIDNEY, transplantation/ *LIVER, transplantation/ MALE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ SWINE/ TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS, methods

7641. **Riley DJ:** The pathogenesis of the adult respiratory distress syndrome. J Med Soc NJ 74(3):234–8, Mar 77
ADULT/ *CAPILLARY PERMEABILITY/ HUMAN/ PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, complications/ *RESPIRATORY DISTRESS SYNDROME, ADULT, etiology

7642. **Rimland B:** Platelet uptake and efflux of serotonin in subtypes of psychotic children. J Autism Child Schizo 6(4):379–82, Dec 76
AUTISM, EARLY INFANTILE, blood/ AUTISM, EARLY INFANTILE, diagnosis/ *BLOOD PLATELETS, metabolism/ CHILD/ COMPARATIVE STUDY/ DIAGNOSTIC ERRORS/ HUMAN/ INDIVIDUALITY/ *SCHIZOPHRENIA, CHILDHOOD, blood/ *SEROTONIN, blood

7643. **Rimon D, Cohen L, Rosenfeld J:** Thrombosed giant left atrium mimicking a mediastinal tumor. Chest 71(3):406–8, Mar 77
*AIRWAY OBSTRUCTION, etiology/ CASE REPORT/ *HEART ENLARGEMENT, diagnosis/ HEART ENLARGEMENT, etiology/ HUMAN/ MALE/ *MEDIASTINAL NEOPLASMS, diagnosis/ MIDDLE AGE/ *MITRAL VALVE INSUFFICIENCY, complications/ *MITRAL VALVE STENOSIS, complications/ RHEUMATIC HEART DISEASE, complications/ THROMBOSIS, complications/ *THROMBOSIS, diagnosis/ THROMBOSIS, etiology/ VOCAL CORD PARALYSIS, etiology

7644. **Rinderknecht H, Renner IG, Carmack C:** Activation of

human pancreatic juice. Clin Chim Acta 73(2):369–72, 1 Dec 76
CALCIUM, pharmacodynamics/ DEOXYCHOLIC ACID, pharmacodynamics/ EDTA, pharmacodynamics/ ENTEROPEPTIDASE, physiology/ ENZYME ACTIVATION, drug effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *PANCREATIC JUICE, metabolism/ TRYPSINOGEN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7645. **Rinderknecht H, Friedman RM:** The effect of lanthanide ions on enteropeptidase-catalyzed activation of trypsinogen. Biochim Biophys Acta 452(2):497–502, 8 Dec 76
DUODENUM, enzymology/ *ENTEROPEPTIDASE, metabolism/ ENZYME ACTIVATION, drug effects/ HUMAN/ INTESTINAL MUCOSA, enzymology/ KINETICS/ *LANTHANUM, pharmacodynamics/ *METALS, RARE EARTH, pharmacodynamics/ OSMOLAR CONCENTRATION/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *TRYPSINOGEN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7646. **Riou JP, Evain D, Perrin F, et al:** Adenosine 3'5'-cyclic monophosphate dependent protein kinase in human adrenocortical tumors. J Clin Endocrinol Metab 44(2):413–9, Feb 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ADRENAL CORTEX NEOPLASMS, enzymology/ *ADRENAL GLAND NEOPLASMS, enzymology/ ENZYME ACTIVATION, drug effects/ FEMALE/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ HISTONE KINASE, metabolism/ HUMAN/ KINETICS/ PROTAMINES/ PROTEIN KINASE, isolation & purification/ *PROTEIN KINASE, metabolism

7647. **Ripa KT, Mårdh PA, Hovelius B, et al:** Microcalorimetry as a tool for evaluation of blood culture media. J Clin Microbiol 5(4):393–6, Apr 77
BLOOD/ *CALORIMETRY/ *CULTURE MEDIA/ ESCHERICHIA COLI, drug effects/ *ESCHERICHIA COLI, growth & development/ EVALUATION STUDIES/ HEPARIN, pharmacodynamics/ NEISSERIA MENINGITIDIS, drug effects/ *NEISSERIA MENINGITIDIS, growth & development/ POLYANETHOL SULFONATE, pharmacodynamics/ STAPHYLOCOCCUS AUREUS, drug effects/ *STAPHYLOCOCCUS AUREUS, growth & development/ SUCROSE, pharmacodynamics

7648. **Risberg B, Peterson HI:** A heparinoid cream and tissue fibrinolysis. Br Med J 2(6047):1297, 27 Nov 76
CLINICAL RESEARCH/ *FIBRINOLYSIS, drug effects/ *HEPARINOID, pharmacodynamics/ HUMAN/ OINTMENTS/ PLACEBOS/ RATS/ SKIN, blood supply

7649. **Risberg B, Peterson HI:** Pulmonary tissue fibrinolysis in traumatized rats pretreated with tranexamic acid. Microvasc Res 13(1):91–5, Jan 77
ANIMAL/ *CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ DEPRESSION, CHEMICAL/ FEMALE/ FEMUR, injuries/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ *FRACTURES, metabolism/ *LUNG, metabolism/ MALE/ *PLASMINOGEN, metabolism/ RATS/ THROMBIN, metabolism/ *TRANEXAMIC ACID, pharmacodynamics

7650. **Risberg B:** Fibrinolysis and tourniquet [letter] Lancet 2(8033):360–1, 13 Aug 77
ANIMAL/ *FIBRINOLYSIS/ HAMSTERS/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control/ *TOURNIQUETS, adverse effects

7651. **Rise A:** Antikoagulantia Tidsskr Nor Laegeforen 97(1):30, 10 Jan 77 **(Nor)**
*ABNORMALITIES, DRUG-INDUCED/ ANIMAL/ *ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ DRUG EVALUATION/ FEMALE/ HUMAN/ PREGNANCY

7652. **Rishi JP, Dayal P, Bhandari V:** Effect of aspirin on blood fibrinolysis, coagulation and their correlation to bleeding tendencies. J Assoc Physicians India 24(7):429–31, Jul 76
*ASPIRIN, toxicity/ *BLOOD COAGULATION, drug effects/ *FIBRINOLYSIS, drug effects/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN

7653. **Ritchie JL, Harker LA:** Platelet and fibrinogen survival in coronary atherosclerosis. Response to medical and surgical therapy. Am J Cardiol 39(4):595–8, Apr 77 (Eng. Abstr.)
ADULT/ AGED/ ASPIRIN, therapeutic use/ *BLOOD PLATELETS/ *CELL SURVIVAL/ *CORONARY DISEASE, blood/ CORONARY DISEASE, drug therapy/ CORONARY DISEASE, surgery/ DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ *FIBRINOGEN, metabolism/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL REVASCULARIZATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7654. **Ritland S, Sauar J, Holme R, et al:** The electrophoretic mobility of lipoprotein X in postheparin plasma. Clin Chim Acta 75(1):129–35, 15 Feb 77
ELECTROPHORESIS, AGAR GEL/ FEMALE/ HEPARIN, blood/ HUMAN/ LECITHIN ACYLTRANSFERASE, deficiency/ LIPID METABOLISM, INBORN ERRORS, blood/ *LIPOPROTEINS, blood/ LIPOPROTEINS, LDL, metabolism/ LIVER CIRRHOSIS, OBSTRUCTIVE, blood/ MICROSCOPY, ELECTRON

7655. **Ritschel WA, Hoffmann KA, Tan HS, et al:** Pharmacokinetics of coumarin upon i.v. administration in man. Arzneim Forsch 26(7):1382–7, 1976
ADULT/ COUMARINS, administration & dosage/ *COUMARINS, metabolism/ EXTRACELLULAR SPACE, metabolism/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ INTRACELLULAR FLUID, metabolism/ KINETICS/ MALE/ MODELS, BIOLOGICAL

7656. **Rittenhouse HG, Williams RE, Fox CF:** Agglutination of a transformed mouse cell line and a variant subline with concanavalin A: effect of temperature and time of lectin incubation. Biochem Biophys Res Commun 71(4):975–83, 23 Aug 76
AGGLUTINATION/ BINDING SITES/ *CELL AGGREGATION/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ *CONCANAVALIN A/ KINETICS/ TEMPERATURE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VARIATION (GENETICS)

7657. **Rittenhouse-Simmons S, Deykin D:** The mobilization of arachidonic acid in platelets exposed to thrombin or ionophore A23187. Effects of adenosine triphosphate deprivation. J Clin Invest 60(2):495–8, Aug 77
*A-23187, pharmacodynamics/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ *ANTIBIOTICS, pharmacodynamics/ *ARACHIDONIC ACIDS, blood/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CALCIUM, pharmacodynamics/ HUMAN/ KINETICS/ PHOSPHOLIPIDS, blood/ SEROTONIN, blood/ *THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7658. **Ritter G, Poser S, Duensing F:** Periphere Nervenschäden unter Antikoagulantientherapie. Verh Dtsch Ges Inn Med 82 Pt 1:687–9, 1976 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ *ANTICOAGULANTS, adverse effects/ FEMALE/ *FEMORAL NERVE, injuries/ HEMATOMA, chemically induced/ HEMATOMA, complications/ HUMAN/ MALE/ MIDDLE AGE/ *NERVE COMPRESSION SYNDROMES, etiology/ *SCIATIC NERVE, injuries

7659. **Rittich B, Simek M, Coupek J:** Separation of naphthoquinones and lipophilic vitamins by gel and thin-layer chromatography. J Chromatogr 133(2):345–8, 21 Mar 77
*CHROMATOGRAPHY, GEL/

*CHROMATOGRAPHY, THIN LAYER/ ERGOCALCIFEROL, isolation & purification/ GELS/ METHODS/ *NAPHTHOQUINONES, isolation & purification/ SILICA/ *VITAMIN K, isolation & purification

7660. **Ritz CJ, Brodie AF:** Effects of trypsin treatment on the structure and function of solubilized coupling factor-latent ATPase from Mycobacterium phlei.
Biochem Biophys Res Commun 75(4):933-9, 25 Apr 77
*ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, metabolism/ *BACTERIAL PROTEINS, physiology/ ENZYME ACTIVATION/ MACROMOLECULAR SYSTEMS/ *MYCOBACTERIUM PHLEI, enzymology/ MYCOBACTERIUM PHLEI, drug effects/ *MYCOBACTERIUM, enzymology/ *TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7661. **Riva G, Straub PW, Vorburger C, et al:** Orale Antikoagulation Qualitätskontrolle und Standardisierung der Prothrombinzeitbestimmung
Schweiz Med Wochenschr 106(24):809-12, 12Jun 76 **(Ger)**
*COUMARINS, therapeutic use/ HUMAN/ *PROTHROMBIN TIME, standards/ PULMONARY EMBOLISM, prevention & control/ THROMBOPLASTIN, standards/ THROMBOSIS, prevention & control

7662. **Rivard GE, Potier M:** Platelet aggregation induced by swine influenza vaccine [letter] Lancet 2(8032):302, 6 Aug 77
AGE FACTORS/ AGED/ HUMAN/ IN VITRO/ INFLUENZA VACCINE, adverse effects/ *INFLUENZA VACCINE, pharmacodynamics/ ORTHOMYXOVIRUS TYPE A, PORCINE/ *PLATELET AGGREGATION/ THROMBOSIS, etiology

7663. **Rivas-Martin J, Nier H, Bircks W:** Zur Prognose der schweren Lungenembolie Lebensversicherungsmedizin 28(6):147-51, Nov 76 **(Ger)**
EXTRACORPOREAL CIRCULATION/ PROGNOSIS/ PULMONARY ARTERY, surgery/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, therapy/ STREPTOKINASE, therapeutic use

7664. **Rixon RH, Walker PR, Whitfield JF:** Fibrinolysis and liver regeneration. J Cell Physiol 92(1):13-21, Jul 77
AMINOCAPROIC ACIDS, pharmacodynamics/ ANIMAL/ CELL DIVISION/ DNA, biosynthesis/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS/ HEPATECTOMY/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *LIVER REGENERATION/ LIVER, cytology/ LIVER, metabolism/ *LIVER, physiology/ MALE/ PLASMINOGEN ACTIVATORS, blood/ PLASMINOGEN, metabolism/ RATS

7665. **Rizza CR:** The management of haemophilia in the United Kingdom. Thromb Haemostas 35(3):559-65, 30 Jun 76
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AMBULATORY CARE/ ANTIBODIES, analysis/ CHILD/ CHILD, PRESCHOOL/ FACTOR VIII/ GREAT BRITAIN/ HEMOPHILIA, occurrence/ *HEMOPHILIA, therapy/ HUMAN/ INFANT/ MALE/ METHODS/ MIDDLE AGE

7666. **Rizza CR, Kernoff PB, Matthews JM, et al:** A comparison of coagulation factor replacement with and without prednisolone in the treatment of haematuria in haemophilia and Christmas disease. Thromb Haemostas 37(1):86-90, 28 Feb 77
CHRISTMAS DISEASE, complications/ *CHRISTMAS DISEASE, drug therapy/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DRUG THERAPY, COMBINATION/ *FACTOR IX, therapeutic use/ *FACTOR VIII, therapeutic use/ HEMATURIA, complications/ *HEMATURIA, drug therapy/ HEMOPHILIA, complications/ *HEMOPHILIA, drug therapy/ HUMAN/ PLACEBOS/ *PREDNISOLONE, therapeutic use

7667. **Roba J, Bourgain R, Andries R, et al:** Antagonism by suloctidil of arterial thrombus formation in rats (a).
Thromb Res 9(6):585-94, Dec 76
ANIMAL/ BLOOD COAGULATION, drug effects/ DISEASE MODELS, ANIMAL/ MALE/ MESENTERIC VASCULAR OCCLUSION, prevention & control/ PLATELET AGGREGATION, drug effects/ *PROPANOLAMINES, pharmacodynamics/ RATS/ *THROMBOSIS, prevention & control

7668. **Roba J, Roncucci R, Lambelin G:** Pharmacological properties of suloctidil. Acta Clin Belg 32(1):3-7, 1977 (13 ref.)
ANIMAL/ BLOOD VESSELS/ BLOOD VISCOSITY, drug effects/ BRAIN, drug effects/ BRAIN, metabolism/ CARBON DIOXIDE, metabolism/ CEREBROVASCULAR CIRCULATION, drug effects/ CHOLESTEROL, biosynthesis/ CLOFIBRATE, pharmacodynamics/ ENERGY METABOLISM, drug effects/ GLUCOSE, metabolism/ HUMAN/ MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ OXYGEN CONSUMPTION, drug effects/ *PROPANOLAMINES, pharmacodynamics/ REVIEW/ THROMBOSIS, prevention & control

7669. **Robb RM:** Refractive errors associated with hemangiomas of the eyelids and orbit in infancy. Am J Ophthalmol 83(1):52-8, Jan 77
ASTIGMATISM, etiology/ *EYELID NEOPLASMS, complications/ *HEMANGIOMA, complications/ HUMAN/ INFANT/ *ORBITAL NEOPLASMS, complications/ *REFRACTIVE ERRORS, etiology/ VISION

7670. **Robbins KC, Summaria L:** Plasminogen and plasmin.
Methods Enzymol 45:257-73, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ ENZYME ACTIVATION/ *FIBRINOLYSIN/ FIBRINOLYSIN, analysis/ FIBRINOLYSIN, isolation & purification/ HISTIDINE, analysis/ HUMAN/ ISOENZYMES, analysis/ ISOFLUROPHATE/ MACROMOLECULAR SYSTEMS/ METHODS/ NOMENCLATURE/ *PLASMINOGEN/ PLASMINOGEN, analysis/ PLASMINOGEN, isolation & purification/ RABBITS/ SERINE, analysis/ THROMBOPLASTIN, isolation & purification/ TOSYLLYSINE CHLOROMETHYL KETONE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7671. **Robbins RC:** Regulatory action of phenylbenzo-gamma-pyrone (PBP) derivatives on blood constituents affecting rheology in patients with coronary heart disease (CHD). Int J Vitam Nutr Res 46(3):338-47, 1976
AGED/ BLOOD FLOW VELOCITY/ BLOOD SEDIMENTATION/ *BLOOD VISCOSITY, drug effects/ CHOLESTEROL, blood/ ERYTHROCYTE AGGREGATION, drug effects/ *ERYTHROCYTES, drug effects/ FEMALE/ *FLAVONES, pharmacodynamics/ FLAVONES, therapeutic use/ HEMATOCRIT/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, drug therapy

7672. **Robblee LS, Kornstein LB, Shepro D:** Calcium electrode--a method for the continuous monitoring of the platelet release reaction. Thromb Haemostas 37(3):407-12, 30 Jun 77
*BLOOD PLATELETS/ *CALCIUM/ *ELECTRODES/ EXTRACELLULAR SPACE/ HUMAN/ THROMBIN

7673. **Robert D:** Le noyau du spermatozoïde du Selaginella kraussiana. Etude cytochimique en microscopie electronique J Ultrastruct Res (2):178-95, 58 (Eng. Abstr.) **(Fre)**
CELL NUCLEUS, analysis/ CELL NUCLEUS, physiology/ *CELL NUCLEUS, ultrastructure/ DEOXYRIBONUCLEASE/ DNA, analysis/ EDTA, diagnostic use/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ HISTONES, analysis/ HYDRAZINES, diagnostic use/ INDICATORS AND REAGENTS/ METHODS/ MICROSCOPY, ELECTRON/ PEPTIDE HYDROLASES/

PHOSPHOTUNGSTIC ACID, diagnostic use/ PLANTS, analysis/ PLANTS, physiology/ *PLANTS, ultrastructure/ RIBONUCLEASE/ SILVER PROTEINS, diagnostic use/ THIONES, diagnostic use/ TIME FACTORS/ 3,3'-DIAMINOBENZIDINE, diagnostic use

7674. **Robert H, Dutranoy G, Scali P:** Indications et résultats des néo-vessies iléales au cours de l'évolution des cancers du col utérin. Etude de 32 cas J Chir (Paris) 112(6):373-84, Dec 76 (Eng. Abstr.) **(Fre)**
BLADDER DISEASES, etiology/ CERVIX NEOPLASMS, radiotherapy/ CERVIX NEOPLASMS, surgery/ *CERVIX NEOPLASMS, therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ ILEUM, surgery/ NECROSIS/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ PYURIA, etiology/ RADIATION INJURIES/ SKIN, surgery/ URETERAL OBSTRUCTION, etiology/ *URINARY DIVERSION

7675. **Roberts GM, Roberts EE, Davies RL, et al:** Thrombogenicity of arterial catheters and guidewires. Br J Radiol 50(594):415-8, Jun 77
ANIMAL/ BLOOD COAGULATION/ *CATHETERIZATION, adverse effects/ CATHETERIZATION, instrumentation/ COMPARATIVE STUDY/ DOGS/ FEMORAL ARTERY/ HEPARIN/ POLYETHYLENES/ POLYTETRAFLUOROETHYLENE/ STAINLESS STEEL/ *THROMBOSIS, etiology/ THROMBOSIS, prevention & control

7676. **Roberts RR, Tew JG, Donaldson DM:** Release of beta-lysin from platelets caused by antigen-antibody complexes, purified enzymes, and platelet-aggregating substances. Infect Immun 15(2):485-90, Feb 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ANTIGEN-ANTIBODY COMPLEX/ ARACHIDONIC ACIDS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ *COLLAGEN, pharmacodynamics/ ESTERASES, pharmacodynamics/ GLYCOSIDE HYDROLASES, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ *PLATELET AGGREGATION/ *PROTEINS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7677. **Roberts VC:** Passive stimulation of venous flow as a prophylactic against deep vein thrombosis. Triangle 16(1):35-9, 1977
BLOOD FLOW VELOCITY/ EXERTION/ EXTREMITIES, blood supply/ HUMAN/ PRESSURE/ *THROMBOPHLEBITIS, prevention & control

7678. **Roberts WC:** Choosing a substitute cardiac valve: type, size, surgeon. Am J Cardiol 38(5):633-44, 4 NOV 76
AORTIC VALVE, surgery/ COMPARATIVE STUDY/ HEART VALVE DISEASES, pathology/ *HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVES, pathology/ HEMODYNAMICS/ HEMOLYSIS/ HUMAN/ MITRAL VALVE, surgery/ MYOCARDIAL CONTRACTION/ POSTOPERATIVE COMPLICATIONS, pathology/ PROGNOSIS/ PROSTHESIS DESIGN/ SWINE/ THROMBOSIS, etiology/ TRANSPLANTATION, HETEROLOGOUS

7679. **Roberts WC, Ferrans VJ:** The role of thrombosis in the etiology of atherosclerosis (a positive one) and in precipitating fatal ischemic heart disease (a negative one). Semin Thromb Hemostas 2(3):123-35, Jan 76 (49 ref.)
ACUTE DISEASE/ AGING/ ARTERIES/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ CORONARY CIRCULATION/ *CORONARY DISEASE, etiology/ CORONARY DISEASE, mortality/ CORONARY VESSELS, pathology/ HUMAN/ MYOCARDIAL INFARCT/ REVIEW/ *THROMBOSIS, complications

7680. **Robertson JS, Etchison JR, Summers DF:** Glycosylation sites of vesicular stomatitis virus glycoprotein. J Virol 19(3):871-8, Sep 76
GLYCOPEPTIDES, analysis/ *GLYCOPROTEINS, analysis/ HELA CELLS/ NEURAMINIDASE, metabolism/ OLIGOSACCHARIDES, analysis/ PROTEIN CONFORMATION/ SIALIC ACIDS, analysis/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *VESICULAR STOMATITIS VIRUS, analysis/ *VIRAL PROTEINS, analysis

7681. **Robicsek F, Harbold NB Jr:** Management of the patient with a prosthetic heart valve. Ann Thorac Surg 22(4):389-99, Oct 76 (107 ref.)
ACTIVITIES OF DAILY LIVING/ ANTI-ARRHYTHMIA AGENTS, therapeutic use/ DIET, SALT-FREE/ DIGITALIS GLYCOSIDES, therapeutic use/ DIURETICS, therapeutic use/ EMBOLISM, prevention & control/ ENDOCARDITIS, BACTERIAL, prevention & control/ ENDOCARDITIS, BACTERIAL, therapy/ *HEART VALVE PROSTHESIS/ HUMAN/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ REVIEW/ THROMBOSIS, prevention & control/ TIME FACTORS/ WARFARIN, adverse effects/ WARFARIN, therapeutic use

7682. **Robinson D, Hambleton G:** Cutaneous and hepatic haemangiomata. Arch Dis Child 52(2):155-7, Feb 77
CASE REPORT/ FEMALE/ HEART ENLARGEMENT, etiology/ *HEMANGIOMA, complications/ HEMANGIOMA, drug therapy/ HUMAN/ INFANT/ *LIVER NEOPLASMS, complications/ LIVER NEOPLASMS, drug therapy/ PREDNISOLONE, therapeutic use/ *SKIN NEOPLASMS, complications/ SKIN NEOPLASMS, drug therapy

7683. **Robinson DS, Nies A, Ravaris CL:** Acute versus chronic effects of monoamine oxidase inhibitors in depressed patients: time course of MAO inhibitors [proceedings]. Psychopharmacol Bull 13(1):50-1, Jan 77
BLOOD PLATELETS, enzymology/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *DEPRESSION, drug therapy/ DEPRESSION, enzymology/ DRUG ADMINISTRATION SCHEDULE/ HUMAN/ MONOAMINE OXIDASE INHIBITORS, administration & dosage/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ *MONOAMINE OXIDASE INHIBITORS, therapeutic use/ MONOAMINE OXIDASE, blood/ TIME FACTORS

7684. **Robinson LD, Wooten SK, Miller ME:** Partial characterization of in vivo chemotactic activity: comparison to human C5a. J Allergy Clin Immunol 59(5):353-8, May 77
ANTIBODIES/ CARBOXYPEPTIDASES, pharmacodynamics/ *CHEMOTAXIS, LEUKOCYTE/ CHYMOTRYPSIN, pharmacodynamics/ COMPARATIVE STUDY/ *COMPLEMENT 5/ *COMPLEMENT/ ENDOTOXINS/ *EOSINOPHILS, immunology/ HEAT/ HUMAN/ NEUTROPHILS, immunology/ SALMONELLA, immunology/ TRYPSIN, pharmacodynamics

7685. **Robinson N, Nievel JG, Anderson J:** Changes in nucleotide metabolism of the liver and fate of [14C]orotate among various pyrimidines at the outset and during induction of drug-metabolizing enzymes and hepatomegaly. Biochem Soc Trans 4(3):509-10, 1976
ANIMAL/ AZAURACIL, pharmacodynamics/ AZAURIDINE, pharmacodynamics/ BUTYLATED HYDROXYTOLUENE, pharmacodynamics/ COUMARINS, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DNA REPLICATION, drug effects/ ENZYME INDUCTION/ *HEPATOMEGALY, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ *OROTIC ACID, metabolism/ PHENOBARBITAL, pharmacodynamics/ RATS/ *RIBONUCLEOTIDES, metabolism/ TRANSCRIPTION, GENETIC, drug effects/ TRANSLATION, GENETIC, drug effects

7686. **Roblero J, Croxatto H, García R, et al:** Kallikreinlike activity in perfusates and urine of isolated rat kidneys. Am J Physiol 231(5 Pt. 1):1383-9, Nov 76

ANIMAL/ BRADYKININ, pharmacodynamics/ CARBOXYPEPTIDASES, pharmacodynamics/ CHYMOTRYPSIN, pharmacodynamics/ ESTERASES/ GLOMERULAR FILTRATION RATE/ HYPOTENSION, etiology/ ISOFLUROPHATE, pharmacodynamics/ KALLIKREIN, pharmacodynamics/ *KALLIKREIN, urine/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *KIDNEY, enzymology/ OXYTOCICS/ PEPSIN, pharmacodynamics/ *PERFUSION/ RATS

7687. **Roblero JS, Croxatto HR, Albertini RB:** Release of renal kallikrein to the perfusate by isolated rat kidney. Experientia 32(11):1440-1, 15 Nov 76
ANIMAL/ *FUROSEMIDE, pharmacodynamics/ *KALLIKREIN, secretion/ KALLIKREIN, urine/ KIDNEY, drug effects/ KIDNEY, physiology/ *KIDNEY, secretion/ MALE/ RATS

7688. **Robson AM, Cole BR, Kienstra RA, et al:** Severe glomerulonephritis complicated by coagulopathy: treatment with anticoaguland and immunosuppresive drugs. J Pediatr 90(6):881-92, Jun 77
ACUTE DISEASE/ ADOLESCENCE/ ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, therapeutic use/ AZATHIOPRINE, therapeutic use/ CHILD/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, urine/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, therapeutic use/ GLOMERULAR FILTRATION RATE, drug effects/ *GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, urine/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ IGG/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MALE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7689. **Robson EB, Murawski GF, Bettigole RE:** Use of 125I-fibrinogen kinetic data to detect disseminated intravascular coagulation and deposition of fibrin in patients with metastatic cancer. Thromb Haemostas 37(3):484-508, 30 Jun 77
DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, metabolism/ FIBRIN/ *FIBRINOGEN, metabolism/ HUMAN/ MATHEMATICS/ NEOPLASM METASTASIS/ NEOPLASMS, complications/ *NEOPLASMS, diagnosis/ NEOPLASMS, metabolism

7690. **Rocchi R, Benassi CA, Guggi A, et al:** Progress in the synthesis of the porcine pancreatic secretory trypsin inhibitor II (Kazal). pp. 509-13.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ INDICATORS AND REAGENTS/ MONOGRAPH/ PANCREAS/ PAPAIN/ PEPTIDE FRAGMENTS, chemical synthesis/ SWINE/ *TRYPSIN INHIBITOR, KAZAL PANCREATIC, chemical synthesis/ *TRYPSIN INHIBITORS, chemical synthesis

7691. **Rocha E, López Borrasca A:** Niveles circulantes de productos de degradación del fibrinógeno y monomeros de fibrina de cirrósis hepática Rev Med Univ Navarra 18(3-4):143-7, Sep-Dec 74 **(Spa)**
BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, complications

7692. **Rocha E, Marin J, López Borrasca A:** Cirrosis hepática y aclaramiento de activadores de la fibrinolisis Rev Clin Esp 142(2):141-6, 31 Jul 76 (Eng. Abstr.) **(Spa)**
ENGLISH ABSTRACT/ *FIBRINOGEN, physiology/ *FIBRINOLYSIS/ HUMAN/ *LIVER CIRRHOSIS, blood/ LIVER, physiopathology/ NICOTINIC ACIDS, pharmacodynamics/ *PLASMINOGEN ACTIVATORS/ STIMULATION, CHEMICAL

7693. **Rochant H, Gerbal A:** Polyagglutinabilité due à l'antigène Hempas Rev Fr Transfus Immunohematol 19(1):239-45, Mar 76 (12 ref.) (Eng. Abstr.) **(Fre)**
COMPLEMENT, metabolism/ ENGLISH ABSTRACT/ ERYTHROBLASTS, cytology/ FEMALE/ *HEMAGGLUTINATION/ HEMOLYSIS/ HUMAN/ I BLOOD-GROUP SYSTEM/ MALE/ PEPTIDE HYDROLASES, pharmacodynamics/ REVIEW/ THALASSEMIA, congenital/ THALASSEMIA, immunology/ *THALASSEMIA, physiopathology

7694. **Rock CO, Fitzgerald V, Snyder F:** Activation of alkyldihydroxyacetone phosphate synthase by detergents. Arch Biochem Biophys 181(1):172-7, May 77
*AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL/ CARCINOMA, EHRLICH TUMOR, enzymology/ CYTOCHROMES, metabolism/ *DEOXYCHOLIC ACID, pharmacodynamics/ DIHYDROXYACETONE PHOSPHATE, analogs & derivatives/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FLUORIDES, pharmacodynamics/ GLYCERALDEHYDE, pharmacodynamics/ HARDERIAN GLAND, enzymology/ HYDROGEN-ION CONCENTRATION/ MALE/ MICE/ MICROSOMES, enzymology/ RABBITS/ *TRANSFERASES, metabolism/ *TRITONS, pharmacodynamics/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7695. **Rock CO, Fitzgerald V, Snyder F:** Properties of dihydroxyacetone phosphate acyltransferase in the harderian gland. J Biol Chem 252(18):6363-6, 25 Sep 77
*ACYLTRANSFERASES, metabolism/ ANIMAL/ CHOLIC ACIDS, pharmacodynamics/ DEOXYCHOLIC ACID, pharmacodynamics/ DIHYDROXYACETONE PHOSPHATE/ *HARDERIAN GLAND, enzymology/ *LACRIMAL APPARATUS, enzymology/ MALE/ MEMBRANES, drug effects/ MEMBRANES, enzymology/ MICROSOMES, enzymology/ RABBITS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7696. **Rock G, Figueredo A:** Metabolic changes during platelet storage. Transfusion 16(6):571-9, Nov-Dec 76
BLOOD CELL COUNT/ BLOOD GAS ANALYSIS/ *BLOOD PLATELETS, metabolism/ *BLOOD PRESERVATION/ BLOOD SUGAR, metabolism/ CELL MEMBRANE PERMEABILITY/ CITRATES, pharmacodynamics/ GLUCOSE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LACTATES, blood/ PHOSPHATES, pharmacodynamics/ PLATELET AGGREGATION, drug effects

7697. **Rock G, Tittley P:** Variations in cryoprecipitate production. Transfusion 17(1):50-3, Jan-Feb 77
ELECTROPHORESIS/ *FACTOR VIII, isolation & purification/ *FREEZING/ HEAT/ HUMAN/ *PRECIPITATION/ TIME FACTORS

7698. **Rockett JF, Kaplan ES, Moinuddin M:** Scintiangiographic visualization of an occipitoparietal, extradural hematoma [letter]. J Nucl Med 18(5):496-7, May 77
ADULT/ *BRAIN DISEASES, diagnosis/ CASE REPORT/ *HEMATOMA, diagnosis/ HUMAN/ MALE/ *RADIONUCLIDE IMAGING/ TOMOGRAPHY, COMPUTERIZED AXIAL

7699. **Rocklin RE:** Mediators of cellular immunity, their nature and assay. J Invest Dermatol 67(3):372-80, Sep 76
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, immunology/ ANTIBODY FORMATION/ BONE

RESORPTION, immunology/ CHEMOTAXIS/ COLONY STIMULATING FACTOR, immunology/ *IMMUNITY, CELLULAR/ INTERFERON, immunology/ *LEUKOCYTES, immunology/ LYMPH NODES, immunology/ LYMPHOCYTES, immunology/ LYMPHOTOXIN, immunology/ MACROPHAGES, immunology/ MIGRATION INHIBITORY FACTOR, immunology/ MITOGENS/ THROMBOPLASTIN, immunology/ TRANSFER FACTOR, immunology

7700. **Roda LG:** Relationships between inhibition of the tryptic and chymotryptic digestion from antiinflammatory agents and substrate structure [proceedings]. Ital J Biochem 25(5):417–9, Sep–Oct 76
*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ *CHYMOTRYPSIN, metabolism/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SERUM ALBUMIN, BOVINE, metabolism/ *TRYPSIN, metabolism

7701. **Roden M:** Heparin and pulmonary embolism [letter]. Br Med J 1(6074):1471, 4 Jun 77
CASE REPORT/ *HEPARIN, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, chemically induced

7702. **Rodesch P, Cadranel S, Winckler M, et al:** Hypovitaminosis K in coeliac disease. Acta Paediatr Belg 29(2):123–4, Apr–Jun 76
CASE REPORT/ *CELIAC DISEASE, complications/ FEMALE/ HUMAN/ INFANT/ *VITAMIN K DEFICIENCY, etiology/ VITAMIN K, metabolism

7703. **Rodgers PS, Goaman LC, Blow DM:** On the correlation between three-dimensional structure and reactivity for a series of locked substrates of chymotrypsin. J Am Chem Soc 98(21):6690–5, 13 Oct 76
BINDING SITES/ *CHYMOTRYPSIN/ KINETICS/ MATHEMATICS/ MODELS, CHEMICAL/ STRUCTURE-ACTIVITY RELATIONSHIP/ X-RAY DIFFRACTION

7704. **Rodiek S, Neu I:** Computed tomography for neurological intensive care patients. Report on one hundred CT examinations. J Neurol 215(4):273–85, 20 Jul 77
ADOLESCENCE/ ADULT/ *BRAIN DISEASES, radiography/ BRAIN NEOPLASMS, radiography/ CEREBROVASCULAR DISORDERS, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENCEPHALITIS, radiography/ FEMALE/ GLIOMA, radiography/ HEAD INJURIES, radiography/ HEMANGIOMA, radiography/ HUMAN/ *INTENSIVE CARE UNITS/ MALE/ MENINGIOMA, radiography/ STURGE-WEBER SYNDROME, radiography/ SUBARACHNOID HEMORRHAGE, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

7705. **Rodighiero G, Dall'Acqua F:** Biochemical and medical aspects of psoralens. Photochem Photobiol 24(6):647–53, Dec 76 (79 ref.)
BINDING SITES/ *COUMARINS/ COUMARINS, metabolism/ COUMARINS, pharmacodynamics/ DNA REPAIR/ DNA/ *FICUSIN/ FICUSIN, metabolism/ FICUSIN, radiation effects/ FICUSIN, therapeutic use/ HUMAN/ LIGHT/ MUTAGENS/ PHOTOCHEMISTRY/ PSORIASIS, drug therapy/ REVIEW/ YEASTS, drug effects

7706. **Röding H, Bauers PM:** Klinische Symptome bei schweren Verbrennungsverletzungen Zentralbl Chir 101(24):1473–80, 1976 (46 ref.) (Eng. Abstr.) **(Ger)**
ANEMIA, etiology/ ANOXIA, etiology/ BLOOD COAGULATION DISORDERS, etiology/ BONE DISEASES, etiology/ *BURNS, complications/ BURNS, physiopathology/ ENGLISH ABSTRACT/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ HYPERGAMMAGLOBULINEMIA, etiology/ HYPOPROTEINEMIA, etiology/ IMMUNOLOGIC DEFICIENCY SYNDROMES, etiology/ JAUNDICE, etiology/ REVIEW/ SHOCK, etiology

7707. **Rodionov IM, Mukhammedov A, Poletaeva II, et al:** Thrombosis of sympathectomized rats after strong excitation provoked by sound stimuli. Experientia 33(1):39–40, 15 Jan 77
*ACOUSTIC STIMULATION, adverse effects/ ANIMAL/ GUANETHIDINE, pharmacodynamics/ HEPARIN, therapeutic use/ MOTOR ACTIVITY/ RATS/ STELLATE GANGLION, drug effects/ SYMPATHETIC NERVOUS SYSTEM, drug effects/ *SYMPATHETIC NERVOUS SYSTEM, physiology/ *THROMBOSIS, etiology/ THROMBOSIS, mortality/ THROMBOSIS, prevention & control

7708. **Rodrigo F, Shideman J, McHugh R, et al:** Osmolality changes during hemodialysis. Natural history, clinical correlations, and influence of dialysate glucose and intravenous mannitol. Ann Intern Med 86(5):554–61, May 77
ADOLESCENCE/ ADULT/ BLOOD CHEMICAL ANALYSIS/ BLOOD SUGAR, analysis/ BLOOD UREA NITROGEN/ BLOOD VISCOSITY/ BLOOD/ GLUCOSE, administration & dosage/ *GLUCOSE, pharmacodynamics/ *HEMODIALYSIS/ HUMAN/ INFUSIONS, PARENTERAL/ MANNITOL, administration & dosage/ *MANNITOL, pharmacodynamics/ MIDDLE AGE/ *OSMOLAR CONCENTRATION/ ULTRAFILTRATION

7709. **Rodriguez LH, Johnson DE, Holoye PY, et al:** Combination VM-26 and adriamycin for metastatic transitional cell carcinoma. Cancer Treat Rep 61(1):87–8, Jan–Feb 77
ADOLESCENCE/ ADRIAMYCIN, adverse effects/ *ADRIAMYCIN, therapeutic use/ ADULT/ AGED/ ALOPECIA, chemically induced/ *BLADDER NEOPLASMS, drug therapy/ *CARCINOMA, TRANSITIONAL CELL, drug therapy/ CLINICAL RESEARCH/ DRUG EVALUATION/ DRUG THERAPY, COMBINATION/ HUMAN/ MIDDLE AGE/ *PODOPHYLLOTOXIN, analogs & derivatives/ STOMATITIS, chemically induced/ THROMBOPENIA, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VM 26, adverse effects/ *VM 26, therapeutic use

7710. **Rodríguez-Argüelles J:** Padecimientos hemorrágicos asociados al embarazo Gac Med Mex 107(1):58–65, Jan 74 **(Spa)**
FEMALE/ *HEMORRHAGIC DIATHESIS/ HUMAN/ *PREGNANCY COMPLICATIONS/ PREGNANCY

7711. **Rodríguez Doreste OL, Cardenal del Valle C, Gómez Díaz J, et al:** Hemomediastino en carcinoma tiroideo Rev Clin Esp 141(6):573–7, 30 Jun 76 **(Spa)**
CASE REPORT/ *CYSTADENOMA, PAPILLARY, complications/ FEMALE/ HEMATOMA, etiology/ *HEMORRHAGE, etiology/ HUMAN/ *MEDIASTINUM/ MIDDLE AGE/ *THYROID NEOPLASMS, complications

7712. **Rodríguez-Erdmann F:** Syndromes of intravascular coagulation. Surg Annu 9:1–28, 1977 (28 ref.)
AFIBRINOGENEMIA, diagnosis/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FIBRINOLYSIS/ HEMOSTASIS/ HUMAN/ MODELS, BIOLOGICAL/ REVIEW/ SYNDROME/ THROMBOPLASTIN, physiology/ TOXEMIA, complications

7713. **Rodvein R, Cooke AR:** Aspirin revisited. Ser Haematol 8(3):141–50, 1975 (53 ref.)
ANIMAL/ ASPIRIN, adverse effects/ ASPIRIN, pharmacodynamics/ *ASPIRIN, therapeutic use/ BLOOD PLATELETS, drug effects/ CLINICAL RESEARCH/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMOSTASIS/ HUMAN/ REVIEW/ THROMBOSIS, blood/ *THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control

7714. **Rodvien R, Mielke CH Jr:** Role of platelets in hemostasis and thrombosis. West J Med 125(3):181–6, Sep 76

BLOOD COAGULATION FACTORS, physiology/ BLOOD COAGULATION/ *BLOOD PLATELETS, physiology/ *HEMOSTASIS/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ *THROMBOSIS, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7715. **Rodvien R, Cooke AR:** Aspirin revisited. pp. 141–50. In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (53 ref.)
ANIMAL/ ASPIRIN, adverse effects/ ASPIRIN, metabolism/ *ASPIRIN, pharmacodynamics/ BLOOD COAGULATION TESTS/ BUFFERS/ COMPARATIVE STUDY/ DIPYRIDAMOLE, pharmacodynamics/ GASTRIC MUCOSA, drug effects/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MONOGRAPH/ PEPTIC ULCER, chemically induced/ REVIEW/ STOMACH ULCER, chemically induced/ SULFINPYRAZONE, pharmacodynamics

7716. **Roesch A, Roesch E:** Anti-allergic properties of a new coumarin compound (BM 15,100) [proceedings]. Br J Pharmacol 57(3):438P, Jul 76
ANIMAL/ COUMARINS, pharmacodynamics/ *COUMARINS, therapeutic use/ GUINEA PIGS/ HISTAMINE H1 RECEPTOR BLOCKADERS, pharmacodynamics/ *HISTAMINE H1 RECEPTOR BLOCKADERS, therapeutic use/ *HYPERSENSITIVITY, drug therapy/ MONKEYS/ PASSIVE CUTANEOUS ANAPHYLAXIS, drug effects/ PIPERAZINES, pharmacodynamics/ *PIPERAZINES, therapeutic use/ RATS

7717. **Roew FP, Bradfield A:** Trials of the anticoagulant rodenticide WBA 8119 against confined colonies of warfarin-resistant house mice (Mus musculus L.). J Hyg (Camb) 77(3):427–31, Dec 76
ANIMAL/ *BIPHENYL COMPOUNDS, pharmacodynamics/ DRUG RESISTANCE/ FEMALE/ FOOD/ MALE/ MICE/ *RODENTICIDES, pharmacodynamics/ WARFARIN, pharmacodynamics/ *4-HYDROXYCOUMARINS, pharmacodynamics

7718. **Rogel S, Bassan MM:** Anticoagulants in ischemic heart disease [editorial]. Arch Intern Med 136(11):1220–30, Nov 76
ACUTE DISEASE/ ANGINA PECTORIS, drug therapy/ *ANTICOAGULANTS, therapeutic use/ *CORONARY DISEASE, drug therapy/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality

7719. **Rogers AE:** Reduction of N-nitrosodiethylamine carcinogenesis in rats by lipotrope or amino acid supplementation of a marginally deficient diet. Cancer Res 37(1):194–9, Jan 77
*AMINO ACIDS, pharmacodynamics/ ANIMAL/ BODY WEIGHT/ CHOLINE, pharmacodynamics/ *DIET/ DIETARY FATS/ *DIETHYLNITROSAMINE, toxicity/ *ESOPHAGEAL NEOPLASMS, etiology/ FOLIC ACID, pharmacodynamics/ HEMANGIOENDOTHELIOMA, etiology/ HEPATOMA, etiology/ *LIPOTROPIC FACTORS, pharmacodynamics/ *LIVER NEOPLASMS, etiology/ MALE/ METHIONINE, pharmacodynamics/ NEOPLASMS, EXPERIMENTAL, etiology/ NICOTINIC ACIDS, pharmacodynamics/ *NITROSAMINES, toxicity/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7720. **Rogers HG, Adler F:** Hemangiomas of the cecum. Colonoscopic diagnosis and therapy. Gastroenterology 71(6):1079–82, Dec 76
AGED/ CARDIOVASCULAR DISEASES, complications/ CASE REPORT/ CECAL NEOPLASMS, complications/ *CECAL NEOPLASMS, diagnosis/ CECAL NEOPLASMS, surgery/ *COLON/ ELECTROCOAGULATION/ *ENDOSCOPY/ FEMALE/ HEMANGIOMA, complications/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HEMORRHAGE, GASTROINTESTINAL, complications/ HUMAN/ MALE/ MIDDLE AGE

7721. **Rogers JS, Eyster E:** Relationship of factor VIII-like antigen (VIII AGN) and clot promoting acitivty (VIII AHF) as measured by one- and two-stage assays in patients with liver disease. Br J Haematol 34(4):655–61, Dec 76
BREAST NEOPLASMS, blood/ CASE REPORT/ FACTOR VIII, analysis/ *FACTOR VIII, immunology/ HEMOPHILIA, blood/ *HEMOPHILIA, complications/ *HEPATITIS, complications/ HUMAN/ *ISOANTIGENS, analysis/ LIVER NEOPLASMS, blood/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ TIME FACTORS

7722. **Rogers MP, Barnett D, Robinson DS:** Effects of clofibrate treatment on plasma triglyceride concentration, plasma post-heparin clearing factor lipase (lipoprotein lipase) activity and serum clearing factor lipase activating ability in maturity-onset diabetes. Atherosclerosis 24(3):565–73, Sep 76
*BLOOD PROTEINS, physiology/ *CLOFIBRATE, therapeutic use/ DIABETES MELLITUS, drug therapy/ *DIABETES MELLITUS, metabolism/ FEMALE/ HEPARIN/ HUMAN/ KINETICS/ *LIPOPROTEIN LIPASE, blood/ MALE/ MIDDLE AGE/ TIME FACTORS/ *TRIGLYCERIDES, blood

7723. **Rogers MP, Barnett D, Robinson DS:** Clearing factor lipase (lipoprotein lipase) activator. A method for the measurement of the net activating ability of human sera. Atherosclerosis 24(3):551–64, Sep 76
ANIMAL/ BIOLOGICAL ASSAY/ *BLOOD PROTEINS, physiology/ DRUG STABILITY/ ENZYME ACTIVATION/ HUMAN/ KINETICS/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, VLDL, pharmacodynamics/ LIPOPROTEINS, VLDL, physiology/ RATS/ SPECIES SPECIFICITY/ TRIGLYCERIDES, blood/ TRIGLYCERIDES, physiology

7724. **Rogers PH, Sherry S:** Current status of antithrombotic therapy in cardiovascular disease. Prog Cardiovasc Dis 19(3):235–53, Nov-Dec 76 (140 ref.)
ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ *ANTICOAGULANTS, therapeutic use/ AURICULAR FIBRILLATION, drug therapy/ *CARDIOVASCULAR DISEASES, drug therapy/ CATTLE/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CORONARY DISEASE, drug therapy/ HEART FAILURE, CONGESTIVE, drug therapy/ HEART SURGERY/ HUMAN/ MYOCARDIAL DISEASES, PRIMARY, drug therapy/ REVIEW/ RHEUMATIC HEART DISEASE, drug therapy/ *THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, physiopathology

7725. **Rogers WJ, McDaniel HG, Moraski RE, et al:** Effect of heparin-induced free fatty acid elevation on myocardial oxygen consumption in man. Am J Cardiol 40(3):365–72, Sep 77
ADULT/ AGED/ CARBON DIOXIDE, blood/ FATTY ACIDS, NONESTERIFIED, blood/ *FATTY ACIDS, NONESTERIFIED, pharmacodynamics/ FEMALE/ GLUCOSE, metabolism/ GLYCERIN, blood/ HEMODYNAMICS, drug effects/ *HEPARIN, pharmacodynamics/ HUMAN/ LACTATES, metabolism/ MALE/ MIDDLE AGE/ *MYOCARDIUM, metabolism/ *OXYGEN CONSUMPTION, drug effects/ OXYGEN, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7726. **Rogner G:** Mikromethode für die Bestimmung von Hitzefibrinogen Folia Haematol (Leipz) 103(4):583–8, 1976 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ HEAT/ HUMAN/ INFANT, NEWBORN/ METHODS

7727. **Rognoni F, Piacenza G:** Effetti metabolici dell'eparina e attività miocardica. Ricerche sperimentali Boll Soc Ital Cardiol 20(12):1693–8, 1975 **(Ita)**
ANIMAL/ FATTY ACIDS, NONESTERIFIED, blood/ GLYCERIN, blood/ *HEART BLOCK, chemically induced/ *HEART CONDUCTION

SYSTEM, drug effects/ *HEART RATE, drug effects/ *HEPARIN, pharmacodynamics/ HEPARIN, toxicity/ *LIPIDS, blood/ RATS/ TRIGLYCERIDES, blood

7728. **Rogolsky M, Wiley BB:** Production and properties of a staphylococcin genetically controlled by the staphylococcal plasmid for exfoliative toxin synthesis. Infect Immun 15(3):726–32, Mar 77
*BACTERIOCINS, biosynthesis/ BACTERIOCINS, isolation & purification/ BACTERIOCINS, metabolism/ ISOELECTRIC POINT/ LYSOSTAPHIN, metabolism/ PLASMIDS/ PRONASE, metabolism/ *STAPHYLOCOCCUS, metabolism/ TRYPSIN, metabolism

7729. **Rohen JW, Haberland GL:** Wirkungen des Kallikrein-Kinin-Systems bei pankreatektomierten ratten Med Welt 28(1):30–1, 7 Jan 77 **(Ger)**
ANIMAL/ BASEMENT MEMBRANE, drug effects/ *BLOOD SUGAR, metabolism/ DIABETES MELLITUS, metabolism/ DISEASE MODELS, ANIMAL/ KALLIKREIN, administration & dosage/ *KALLIKREIN, metabolism/ KININS, metabolism/ MALE/ PANCREATECTOMY/ RATS

7730. **Rohrer TF, Pfister B, Imhof PR:** The influence of acetysalicylic acid on changes in platelet function due to physical exertion. Arzneim Forsch 27(7):1490–3, Jul 77
ADULT/ *ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ BLOOD PRESSURE, drug effects/ *EXERTION/ HEART RATE, drug effects/ HUMAN/ MALE/ PLATELET AGGREGATION, drug effects/ TIME FACTORS

7731. **Roland FP:** Interaction of blood with enterobacteriaceae: hemolysis, hemagglutination, fibrinolysis. Am J Clin Pathol 67(3):260–3, Mar 77
*ENTEROBACTERIACEAE/ ENTEROBACTERIACEAE, immunology/ ENTEROBACTERIACEAE, physiology/ ESCHERICHIA COLI, immunology/ ESCHERICHIA COLI, physiology/ *FIBRINOLYSIS/ *HEMAGGLUTINATION/ *HEMOLYSIS

7732. **Romaguera C, Grimalt F:** PPPP syndrome. Contact Dermatitis 3(2):102–3, Apr 77
ADULT/ *DERMATITIS, CONTACT, etiology/ FEMALE/ HUMAN/ *PHENYLENEDIAMINES, adverse effects/ PIGMENTATION DISORDERS, chemically induced/ PRURITUS, chemically induced/ PURPURA, chemically induced/ SYNDROME

7733. **Romankiewicz JA:** Effects of antacids on gastrointestinal absorption of drugs. Primary Care 3(3):537–50, Sep 76
ANIMAL/ *ANTACIDS, pharmacodynamics/ ASPIRIN, metabolism/ BISHYDROXYCOUMARIN, metabolism/ CHLORDIAZEPOXIDE, metabolism/ CHLORPROMAZINE, metabolism/ DIGITOXIN, metabolism/ DIGOXIN, metabolism/ *DRUGS, metabolism/ EPHEDRINE, metabolism/ GUINEA PIGS/ HUMAN/ *INTESTINAL ABSORPTION, drug effects/ IRON, metabolism/ ISONIAZID, metabolism/ LEVODOPA, metabolism/ NAPROXEN, metabolism/ PENTOBARBITAL, metabolism/ QUINIDINE, metabolism/ QUININE, metabolism/ RATS/ SULFADIAZINE, metabolism/ TETRACYCLINES, metabolism/ WARFARIN, metabolism

7734. **Romanov EI, Shakhov BE, Isaeva AA:** Oslozheniia selektivnoĭ koronarografii Kardiologiia 16(11):153–7, Nov 76 **(Rus)**
*ANGIOCARDIOGRAPHY, adverse effects/ ARRHYTHMIA, etiology/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ *CORONARY DISEASE, radiography/ CORONARY VESSELS, radiography/ FEMORAL ARTERY/ HUMAN/ HYPOTENSION, etiology/ MYOCARDIAL INFARCT, etiology/ RISK/ THROMBOEMBOLISM, etiology

7735. **Romashchenko AD, Balabanov VI, Skipetkov VP:** Gemokoaguliruiushchie i fibrinoliticheskie svoĭstva tkaneĭ glaza cheloveka Vestn Oftalmol (2):35–7, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ CADAVER/ ENGLISH ABSTRACT/ *EYE, physiology/ *FIBRINOLYSIS, drug effects/ HUMAN/ *TISSUE EXTRACTS, pharmacodynamics

7736. **Romen W:** Zur Pathogenese der Glomerulosklerose Ultrastrukturelle und autoradiographische Untersuchungen an der Rattenniere Veroeff Pathol (102):1–101, 1976 (178 ref.) (Eng. Abstr.) **(Ger)**
AGING/ ANIMAL/ ANOXIA, etiology/ AUTORADIOGRAPHY/ BASEMENT MEMBRANE, metabolism/ *BASEMENT MEMBRANE, ultrastructure/ COLLAGEN, biosynthesis/ ENGLISH ABSTRACT/ HEMOSTASIS/ HYPERTENSION, complications/ KIDNEY GLOMERULUS, drug effects/ *KIDNEY GLOMERULUS, pathology/ LIGATION/ MALE/ MORPHOLINES, poisoning/ NEPHRECTOMY/ NITROSO COMPOUNDS, poisoning/ PROLINE, metabolism/ RATS/ RENAL VEINS/ REVIEW

7737. **Romeo S, Spinella G, La Terra Bella B:** La flebectomía superficial en la terapéutica quirúrgica del síndrome postflebítico Angiologia 29(2):57–64, Mar–Apr 77 (Eng. Abstr.) **(Spa)**
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBITIS, drug therapy/ *PHLEBITIS, surgery/ SYNDROME

7738. **Romero C, Gasalla R, Fernández de Villalta J, et al:** Estudios de conservación de la sangre en CPD con adición de adenina a débil concentración. Sangre (Barc) 22(4):461–7, 1977 **(Spa)**
*ADENINE/ *BLOOD PRESERVATION/ EVALUATION STUDIES/ *GLUCOSE SOLUTION, HYPERTONIC/ *GLUCOSE/ HUMAN/ TIME FACTORS

7739. **Romero R, Masdeu S, Frison JC, et al:** Efecto lipolítico postheparina en las enfermedades hepáticas difusas. Rev Esp Enferm Apar Dig 50(4):439–44, 15 May 77 (Eng. Abstr.) **(Spa)**
ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, metabolism/ *HEPARIN, administration & dosage/ *HEPATITIS, metabolism/ HUMAN/ LIPID MOBILIZATION, drug effects/ LIPOPROTEINS, metabolism/ *LIVER CIRRHOSIS, metabolism/ TRIGLYCERIDES, metabolism

7740. **Romero Bobillo E, Coca MC, Romero E, et al:** Contribución al estudio de la ultraestructura de la plaqueta en las enfermedades infecciosas Rev Clin Esp 142(1):25–34, 15 Jul 76 (Eng. Abstr.) **(Spa)**
*BLOOD PLATELETS, pathology/ *COMMUNICABLE DISEASES, blood/ COMMUNICABLE DISEASES, pathology/ ENGLISH ABSTRACT/ HUMAN

7741. **Romero Bobillo E, Arribas Castrillo JM, Durán García S, et al:** Contribución al estudio de hemorragias y trombósis en las infecciones. Rev Sanid Hig Publica (Madr) 49(9):837–54, Sep 75 (Eng. Abstr.) **(Spa)**
BLOOD COAGULATION DISORDERS, complications/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGE, etiology/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *INFECTION, blood/ INFECTION, complications/ MALE/ THROMBOSIS, etiology

7742. **Romero-Herrera AE, Castillo O, Lehmann H:** Human skeletal muscle proteins. The primary structure of troponin C. J Mol Evol 8(3):251–70, 27 Oct 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ EVOLUTION/ HUMAN/ *MUSCLE PROTEINS/ MUSCLE PROTEINS, isolation & purification/ MUSCLES/ PEPTIDE FRAGMENTS, analysis/ SUBTILISINS/ THERMOLYSIN/ *TROPONIN/ TROPONIN, isolation & purification/ TRYPSIN

7743. **Romics L, Bretán M, Szigeti A, et al:** Effect of methandrostenolone on serum triglyceride and cholesterol levels in diabetic patients. Acta Med Acad Sci Hung 32(1):27–34, 1975

BLOOD SUGAR/ BODY WEIGHT/ *CHOLESTEROL, blood/ *DIABETES MELLITUS, blood/ DIABETES MELLITUS, complications/ DIABETES MELLITUS, drug therapy/ FEMALE/ GLYCOSURIA/ HUMAN/ HYPERLIPEMIA, blood/ HYPERLIPEMIA, complications/ LIPOPROTEIN LIPASE, blood/ MALE/ *METHANDROSTENOLONE, pharmacodynamics/ METHANDROSTENOLONE, therapeutic use/ MIDDLE AGE/ *TRIGLYCERIDES, blood

7744. **Romualdez AG, Ward PA, Torikata T:** Relationship between the C5 peptides chemotactic for leukocytes and tumor cells. J Immunol 117(5 Pt.2):1762–6, Nov 76
ALPHA GLOBULINS, pharmacodynamics/ ANIMAL/ BETA GLOBULINS, pharmacodynamics/ *CARCINOSARCOMA, immunology/ *CHEMOTAXIS/ *COMPLEMENT 5, metabolism/ *COMPLEMENT, metabolism/ HUMAN/ *LEUKOCYTES, immunology/ MALE/ *PEPTIDES, metabolism/ RATS/ TISSUE EXTRACTS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7745. **Ronda-Lain C, Lopez R, Tapia A, et al:** Role of the pneumococcal autolysin (murein hydrolase) in the release of progeny bacteriophage and in the bacteriophage-induced lysis of the host cells. J Virol 21(1):366–74, Jan 77
*AMIDOHYDROLASES, metabolism/ BACTERIOLYSIS, drug effects/ *BACTERIOPHAGES, growth & development/ BACTERIOPHAGES, immunology/ CHLORAMPHENICOL, pharmacodynamics/ ETHANOLAMINES, metabolism/ FORSSMAN ANTIGEN, isolation & purification/ HYDROGEN-ION CONCENTRATION/ *LYSOGENY/ LYSOGENY, drug effects/ MUTATION/ PENICILLINS, pharmacodynamics/ *STREPTOCOCCUS PNEUMONIAE, enzymology/ STREPTOCOCCUS PNEUMONIAE, metabolism/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VIRUS REPLICATION

7746. **Rondier J, Cayla J, Chevrot A, et al:** Les angiomatoses osseuses diffuses. A propos d'un cas avec ostéonécrose des têtes humérales. Rev Rhum Mal Osteoartic 44(5):347–53, May 77 **(Fre)**
ANGIOGRAPHY/ *ANGIOMATOSIS, diagnosis/ ANGIOMATOSIS, occurrence/ ANGIOMATOSIS, pathology/ *BONE NEOPLASMS, diagnosis/ BONE NEOPLASMS, occurrence/ BONE NEOPLASMS, pathology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FOLLOW-UP STUDIES/ HEMANGIOMA, diagnosis/ HUMAN/ *HUMERUS, blood supply/ LYMPHANGIOMA, diagnosis/ MIDDLE AGE/ NEOPLASMS, MULTIPLE PRIMARY/ OSTEOLYSIS, radiography/ *OSTEONECROSIS, etiology

7747. **Roon AJ, Moore WS, Goldstone J, et al:** Comparative surface thrombogenicity of implanted vascular grafts. J Surg Res 22(3):165–73, Mar 77
ANIMAL/ AORTA, ABDOMINAL, surgery/ *BLOOD VESSEL PROSTHESIS, standards/ COMPARATIVE STUDY/ DOGS/ FEMALE/ POLYETHYLENE TEREPHTHALATE/ POLYTETRAFLUOROETHYLENE/ SURFACE PROPERTIES/ *THROMBOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7748. **Roques M, Tirard A, DeGroot LJ:** Liver protein kinase activity and triiodothyronine. Endocrinology 100(4):967–73, Apr 77
ANIMAL/ CASEIN/ CELL NUCLEUS, enzymology/ CYTOSOL, enzymology/ *LIVER, enzymology/ MALE/ PROTAMINES/ *PROTEIN KINASE, metabolism/ RATS/ THYROIDECTOMY/ *TRIIODOTHYRONINE, pharmacodynamics

7749. **Rosas R, Albertini R, Croxatto HR:** Renal kallikrein system, volemia, and renal hypertension. Mayo Clin Proc 52(7):459–61, Jul 77
ANIMAL/ *BLOOD VOLUME/ *HYPERTENSION, RENAL, metabolism/ HYPERTENSION, RENAL, physiopathology/ HYPERTENSION, RENAL, urine/ *KALLIKREIN, metabolism/ *KIDNEY, metabolism/ MALE/ RATS

7750. **Rösch J, Dotter CT, Seaman AJ, et al:** Healing of deep venous thrombosis: venographic findings in a randomized study comparing streptokinase and heparin. Am J Roentgenol 127(4):553–8, Oct 76
AGED/ COMPARATIVE STUDY/ FEMALE/ FOLLOW-UP STUDIES/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ *STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7751. **Rose E, Cousinou V:** A propos d'une observation d'ischémie aiguë des extrémités au cours dune coagulation intra-vasculaire disséminée chez un nourrisson. Ann Anesthesiol Fr 18(3):291–4, 19 Jul 77 (Eng. Abstr.) **(Fre)**
*ABNORMALITIES, MULTIPLE/ *ARM, blood supply/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ *GANGRENE, etiology/ HUMAN/ HYDRONEPHROSIS, complications/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ INTESTINAL OBSTRUCTION, complications/ *ISCHEMIA, etiology/ *LEG, blood supply/ MALE/ MEGACOLON, surgery/ MENINGOCELE, surgery/ POSTOPERATIVE COMPLICATIONS/ SPINA BIFIDA, surgery

7752. **Rose JQ, Choi HK, Schentag JJ, et al:** Intoxication caused by interaction of chloramphenicol and phenytoin. JAMA 237(24):2630–1, 13 Jun 77
CASE REPORT/ *CHLORAMPHENICOL, pharmacodynamics/ CHLORAMPHENICOL, therapeutic use/ DIPHENYLHYDANTOIN, blood/ *DIPHENYLHYDANTOIN, poisoning/ DIPHENYLHYDANTOIN, therapeutic use/ DRUG INTERACTIONS/ FEMALE/ HEMANGIOMA, CAVERNOUS, drug therapy/ HUMAN/ MIDDLE AGE/ SELLA TURCICA/ SHOCK, drug therapy/ STIMULATION, CHEMICAL/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7753. **Rosen FS:** The primary immunodeficiencies: dermatologic manifestations. J Invest Dermatol 67(3):402–11, Sep 76 (30 ref.)
AGAMMAGLOBULINEMIA, complications/ AGAMMAGLOBULINEMIA, etiology/ AGAMMAGLOBULINEMIA, therapy/ ALDRICH SYNDROME, immunology/ ATAXIA TELANGIECTASIA, immunology/ DYSGAMMAGLOBULINEMIA, familial & genetic/ DYSGAMMAGLOBULINEMIA, immunology/ HUMAN/ IGA, analysis/ IGG, analysis/ IMMUNOGLOBULINS, analysis/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, immunology/ REVIEW/ SKIN MANIFESTATIONS/ THYMUS GLAND, abnormalities/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7754. **Rosen FS, Austen KF:** Androgen therapy in hereditary angioneurotic edema [editorial]. N Engl J Med 295(26):1476–7, 23 Dec 76
*ANDROGENS, therapeutic use/ *ANGIONEUROTIC EDEMA, drug therapy/ ANGIONEUROTIC EDEMA, etiology/ ANGIONEUROTIC EDEMA, familial & genetic/ CAPILLARY PERMEABILITY/ CHILD/ COMPLEMENT 1, antagonists & inhibitors/ DANAZOL, therapeutic use/ FEMALE/ GENES, SUPPRESSOR/ GLYCOPROTEINS/ HUMAN/ INFANT/ KALLIKREIN, antagonists & inhibitors/ METHYLTESTOSTERONE, therapeutic use/ PREGNANCY/ RNA, MESSENGER, biosynthesis

7755. **Rosen FS:** Primary immunodeficiency. pp. 207–36. In: Litwin SD, et al., ed. Clinical evaluation of immune function in man. New York, Gune & Stratton, 1976. W3 IR72 1976c.

ADOLESCENCE/ ADULT/ AGAMMAGLOBULINEMIA, familial & genetic/ AGED/ ALDRICH SYNDROME, immunology/ ATAXIA TELANGIECTASIA, immunology/ B-LYMPHOCYTES, immunology/ BACTERIAL INFECTIONS, etiology/ BONE MARROW CELLS, immunology/ CHILD/ CHILD, PRESCHOOL/ COLLAGEN DISEASES, etiology/ DIGEORGE SYNDROME, immunology/ DWARFISM, immunology/ FEMALE/ HUMAN/ IGA, deficiency/ IGG, deficiency/ IGM, deficiency/ IMMUNITY, CELLULAR/ *IMMUNOLOGIC DEFICIENCY SYNDROMES/ IMMUNOLOGIC DEFICIENCY SYNDROMES, classification/ INFANT/ LYMPH NODES, cytology/ MALE/ MIDDLE AGE/ MONOGRAPH/ PLASMA CELLS, immunology/ T-LYMPHOCYTES, immunology/ THYMOMA, immunology

7756. **Rosen PP, Ridolfi RL:** The perilobular hemangioma. A benign microscopic vascular lesion of the breast. Am J Clin Pathol 68(1):21–3, Jul 77
BREAST NEOPLASMS, occurrence/ *BREAST NEOPLASMS, pathology/ FEMALE/ HEMANGIOMA, occurrence/ *HEMANGIOMA, pathology/ HUMAN/ MIDDLE AGE/ NEW YORK CITY

7757. **Rosen R, Mikel T, Corrigan JJ Jr:** Acquired circulating anticoagulant in classical hemophilia: treatment with prothrombin concentrate. Ariz Med 34(5):340–2, May 77
CASE REPORT/ CHILD/ *FACTOR VIII, antagonists & inhibitors/ *HEMOPHILIA, blood/ HEMOPHILIA, drug therapy/ HUMAN/ MALE/ *PROTHROMBIN, therapeutic use

7758. **Rosenbaum TJ, Sundt TM Jr:** Thrombus formation and endothelial alterations in microarterial anastomoses. J Neurosurg 47(3):430–41, Sep 77
ANIMAL/ ASPIRIN, therapeutic use/ *CAROTID ARTERIES, surgery/ CAROTID ARTERIES, ultrastructure/ *CEREBRAL EMBOLISM AND THROMBOSIS, pathology/ CEREBRAL EMBOLISM AND THROMBOSIS, prevention & control/ ENDOTHELIUM/ HEPARIN, therapeutic use/ MICROSCOPY, ELECTRON, SCANNING/ *POSTOPERATIVE COMPLICATIONS, pathology/ POSTOPERATIVE COMPLICATIONS, prevention & control/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7759. **Rosenberg E, Keller KH, Dworkin M:** Cell density-dependent growth of Myxococcus xanthus on casein. J Bacteriol 129(2):770–7, Feb 77
*CASEIN, metabolism/ CELL DIVISION/ HYDROLYSIS/ MYXOBACTERALES, enzymology/ *MYXOBACTERALES, growth & development/ MYXOBACTERALES, metabolism/ PEPTIDE HYDROLASES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7760. **Rosenberg RD:** The function of heparin. pp. 101–19. In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
ALPHA MACROGLOBULINS, pharmacodynamics/ BINDING SITES/ FACTOR IX, antagonists & inhibitors/ FACTOR X, antagonists & inhibitors/ FACTOR XI, antagonists & inhibitors/ FIBRINOLYSIN, antagonists & inhibitors/ HEPARIN CO-FACTOR, isolation & purification/ HEPARIN CO-FACTOR, pharmacodynamics/ *HEPARIN, physiology/ HEPARIN, metabolism/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ KINETICS/ MONOGRAPH/ PEPTIDE HYDROLASES, antagonists & inhibitors/ SERINE/ THROMBIN, antagonists & inhibitors

7761. **Rosenberg RD:** Chemistry of the hemostatic mechanism and its relationship to the action of heparin. Fed Proc 36(1):10–8, Jan 77 (34 ref.)
*ALPHA GLOBULINS, physiology/ ALPHA MACROGLOBULINS, pharmacodynamics/ *ANTITHROMBINS/ ARGININE/ BINDING SITES, drug effects/ FACTOR IX, antagonists & inhibitors/ FACTOR XI, antagonists & inhibitors/ FACTOR XII, antagonists & inhibitors/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIS/ *HEMOSTASIS/ HEPARIN CO-FACTOR, pharmacodynamics/ *HEPARIN CO-FACTOR, physiology/ *HEPARIN, physiology/ HEPARIN, pharmacodynamics/ HUMAN/ ISOFLUROPHATE, pharmacodynamics/ KALLIKREIN, antagonists & inhibitors/ KINETICS/ LYSINE/ MACROPHAGES, drug effects/ PEPTIDE HYDROLASES, antagonists & inhibitors/ REVIEW/ SERINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ *THROMBIN, antagonists & inhibitors

7762. **Rosenblum WI:** Effects of trauma on directly visualized microvessels. pp. 195–9.
In: McLaurin RL, ed. Head injuries. New York, Grune & Stratton, 1976. W3 C155E 1975h. (30 ref.)
ANIMAL/ *BRAIN INJURIES, ACUTE, complications/ *BRAIN, blood supply/ CATECHOLAMINES, adverse effects/ CEREBROVASCULAR CIRCULATION/ EMBOLISM, etiology/ HUMAN/ *MICROCIRCULATION, injuries/ MONOGRAPH/ REVIEW/ SEROTONIN, adverse effects/ SPASM, etiology/ THROMBOSIS, etiology

7763. **Rosenblum WI, El-Sabban F:** Platelet aggregation in the cerebral microcirculation: effect of aspirin and other agents. Circ Res 40(3):320–8, Mar 77
ANIMAL/ *ASPIRIN, pharmacodynamics/ BLOOD GAS ANALYSIS/ BLOOD PRESSURE/ CAPILLARIES, ultrastructure/ CEREBRAL ARTERIES, pathology/ *CEREBROVASCULAR CIRCULATION, drug effects/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ INDOMETHACIN, pharmacodynamics/ MALE/ MICE/ MICE, INBRED ICR/ MICROCIRCULATION, drug effects/ *PLATELET AGGREGATION, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR RESISTANCE

7764. **Rosenblum WI:** Miliary aneurysms and 'fibrinoid' degeneration of cerebral blood vessels. Hum Pathol 8(2):133–9, Mar 77
AGED/ *CEREBRAL ANEURYSM, complications/ CEREBRAL ANEURYSM, pathology/ *CEREBRAL ARTERIES, pathology/ *CEREBRAL HEMORRHAGE, etiology/ FEMALE/ FIBRIN/ HUMAN/ MALE/ MIDDLE AGE

7765. **Rosenstein RW, Richards FF:** The distance between the contact sites for DNP and menadione ligands in the combining region of myeloma proteins binding both haptens--II. Estimation of distance using haptenic probes with variable length spacers. Immunochemistry 13(11):939–43, Nov 76
ANIMAL/ *BINDING SITES, ANTIBODY/ BINDING, COMPETITIVE/ *DINITROBENZENES, immunology/ HAPTENS/ IGA/ IMMUNOSORBENTS/ MICE/ *MYELOMA PROTEINS, immunology/ *NITROBENZENES, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K, immunology

7766. **Rosenthal D, Cossman D, Seletz J:** Carotid embolization presenting as total monocular blindness. Arch Surg 112(9):1131–3, Sep 77
ATHEROMA, complications/ ATHEROMA, radiography/ *BLINDNESS, etiology/ CAROTID ARTERIES, radiography/ *CAROTID ARTERY THROMBOSIS, complications/ CASE REPORT/ *EMBOLISM, complications/ EMBOLISM, radiography/ ENDARTERECTOMY/ HUMAN/ MALE/ MIDDLE AGE/ RETINAL ARTERY/ RETINAL DISEASES, etiology/ THROMBOSIS, etiology

7767. **Rosenthal KL, Tompkins WA, Wachsman JT:** Fibrinolytic activity associated with cultured human neoplastic and normal cells. Mol Cell Biochem 15(2):149–53, 12 Apr 77
*CARCINOMA, metabolism/ CELL DIVISION/ CELLS, CULTURED/ *FIBRINOLYSIS/ HUMAN

7768. **Rosenthal RS, Fulbright RS, Eads ME, et al:** Ethylenediaminetetraacetic acid-sensitive antiphagocytic activity of Neisseria gonorrhoeae. Infect Immun

15(3):817-27, Mar 77
CILIA/ *EDTA, pharmacodynamics/ LEUKOCYTES, immunology/ LIPOPOLYSACCHARIDES, pharmacodynamics/ NEISSERIA GONORRHOEAE, drug effects/ *NEISSERIA GONORRHOEAE, immunology/ PEPTIDE HYDROLASES/ PEPTIDOGLYCAN/ *PHAGOCYTOSIS, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7769. **Roskoski R Jr, Frederick CE:** Subcellular distribution of a heat-stable protein inhibitor of cyclic AMP-dependent protein kinase in rat brain. J Neurochem 28(3):543-7, Mar 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ *BRAIN CHEMISTRY/ BRAIN, enzymology/ *BRAIN, ultrastructure/ CHOLINE ACETYLTRANSFERASE, metabolism/ CHYMOTRYPSIN, pharmacodynamics/ FUMARATE HYDRATASE, metabolism/ HEAT/ IN VITRO/ LACTATE DEHYDROGENASE, metabolism/ MALE/ NERVE TISSUE PROTEINS, antagonists & inhibitors/ NERVE TISSUE PROTEINS, analysis/ *NERVE TISSUE PROTEINS, physiology/ *PROTEIN KINASE, antagonists & inhibitors/ RATS/ *SUBCELLULAR FRACTIONS, analysis/ SUBCELLULAR FRACTIONS, enzymology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7770. **Rosoff L Jr, Rosoff L Sr:** Biochemical tests for hepatobiliary disease. Surg Clin North Am 57(2):257-73, Apr 77 (35 ref.)
ADULT/ ALKALINE PHOSPHATASE, analysis/ AMINOTRANSFERASES, analysis/ AMMONIA, metabolism/ *BILIARY TRACT DISEASES, diagnosis/ BILIRUBIN, metabolism/ BLOOD COAGULATION FACTORS, metabolism/ BLOOD PROTEINS, metabolism/ CARBOHYDRATES, metabolism/ HUMAN/ HYPERBILIRUBINEMIA, diagnosis/ JAUNDICE, diagnosis/ LIPIDS, metabolism/ *LIVER DISEASES, diagnosis/ LIVER FUNCTION TESTS/ LIVER, metabolism/ REVIEW/ SULFOBROMOPHTHALEIN, diagnostic use

7771. **Ross AC, Zilversmit DB:** Chylomicron remnant cholesteryl esters as the major constituent of very low density lipoproteins in plasma of cholesterol-fed rabbits. J Lipid Res 18(2):169-81, Mar 77
ANIMAL/ CARBON RADIOISOTOPES/ *CHOLESTEROL ESTERS, blood/ *CHOLESTEROL, analogs & derivatives/ CHOLESTEROL, pharmacodynamics/ *CHOLESTEROL, DIETARY/ *CHYLOMICRONS, blood/ DIET, ATHEROGENIC/ FEMALE/ ISOTOPE LABELING/ KINETICS/ *LIPOPROTEINS, VLDL, blood/ RABBITS/ TIME FACTORS/ TRITIUM/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7772. **Ross M, Su T, Cox BM, et al:** Brain endorphins. pp. 35-40.
In: Kosterlitz HW, ed. Opiates and endogenous opioid peptides. Amsterdam, North-Holland, 1976. QV 90 I61o 1976.
ANIMAL/ BINDING, COMPETITIVE/ *BRAIN, metabolism/ CATTLE/ ETORPHINE, metabolism/ LIPOTROPIN, metabolism/ MOLECULAR WEIGHT/ MONOGRAPH/ *NARCOTICS/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, metabolism/ RATS/ RECEPTORS, NARCOTIC, metabolism/ SHEEP/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7773. **Ross R:** Atherosclerosis: the role of endothelial injury, smooth muscle proliferation and platelet factors. Triangle 15(2-3):45-51, 1976 (21 ref.)
ANIMAL/ *ARTERIES, pathology/ *ARTERIOSCLEROSIS, etiology/ ATHEROSCLEROSIS, blood/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, pathology/ *BLOOD PLATELETS, physiology/ CELLS, CULTURED/ ENDOTHELIUM, growth & development/ ENDOTHELIUM, pathology/ HUMAN/ MITOGENS, pharmacodynamics/ *MUSCLE, SMOOTH, pathology/ PLATELET AGGREGATION/ REVIEW/ SILVER NITRATE

7774. **Ross R:** The role of platelets and smooth muscle in atherosclerosis. pp. 31-8.
In: Rorive G, Van Cauwenberge H, ed. The arterial hypertensive disease. New York, Masson, 1976. WG 340 A784 1975.
ANIMAL/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, pathology/ BABOONS/ *BLOOD PLATELETS, physiology/ CELL DIVISION/ ENDOTHELIUM, pathology/ HOMOCYSTINE, blood/ LIPOPROTEINS, metabolism/ MACACA/ MONKEYS/ MONOGRAPH/ *MUSCLE, SMOOTH, pathology/ PLATELET AGGREGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7775. **Ross R, Glomset J, Harker L:** Response to injury and atherogenesis. Am J Pathol 86(3):675-84, Mar 77
*ARTERIES, injuries/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ BLOOD PLATELETS, secretion/ BLOOD PROTEINS, metabolism/ CELL DIVISION/ CELLS, CULTURED, metabolism/ CONNECTIVE TISSUE, metabolism/ ENDOTHELIUM, metabolism/ ENDOTHELIUM, pathology/ IN VITRO/ MITOGENS, secretion/ MUSCLE, SMOOTH, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7776. **Ross RT:** Transient monocular blindness. Can J Neurol Sci 4(3):143-50, Aug 77 (51 ref.)
ADULT/ AGED/ ANIMAL/ ARTERIOSCLEROSIS, complications/ BLINDNESS, blood/ *BLINDNESS, etiology/ BLOOD PLATELETS/ CAROTID ARTERY DISEASES, complications/ CAROTID ARTERY, INTERNAL/ CHOLESTEROL/ CHOROID, blood supply/ EMBOLISM, complications/ EYE, blood supply/ FEMALE/ HUMAN/ ISCHEMIA, complications/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION/ POSTOPERATIVE COMPLICATIONS/ POSTURE/ REGIONAL BLOOD FLOW/ RETINAL DISEASES, complications/ RETINAL VESSELS, physiopathology/ REVIEW

7777. **Ross WM, Martens AC, Robev S, et al:** Lymphocytosis induced by polyanions in rats. Chem Biol Interact 16(2):123-33, Feb 77
ACRYLAMIDES/ ANIMAL/ *ANIONS/ DEXTRAN/ *DISEASE MODELS, ANIMAL, chemically induced/ *LYMPHOCYTOSIS, chemically induced/ LYMPHOCYTOSIS, physiopathology/ *MACROMOLECULAR SYSTEMS/ POLYMETHACRYLIC ACIDS/ POLYSTYRENES/ POLYVINYLS/ PROTAMINES/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP

7778. **Rosselet E:** Thrombose de la veine centrale de la rétine en cours de traitement anti-coagulant. Bull Soc Ophtalmol Fr 88:362-4, 1976 **(Fre)**
*ACENOCOUMAROL, adverse effects/ *ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ *RETINAL VESSELS/ *THROMBOSIS, etiology

7779. **Rossi EC, Louis G:** Kinetic parameters of platelet aggregation as an expression of platelet responsiveness. Thromb Haemostas 37(2):283-90, 30 Apr 77
ADENOSINE DIPHOSPHATE/ ASPIRIN/ *BLOOD PLATELETS, metabolism/ CITRATES/ COLLAGEN/ HUMAN/ KINETICS/ *PLATELET AGGREGATION

7780. **Rossi F, Simonetti M:** Tromboflebite tubercolare della vena porta Torace 18(1-2):52-61, Jan 76 **(Ita)**
ADULT/ CASE REPORT/ HUMAN/ MALE/ *PORTAL VEIN/ *THROMBOPHLEBITIS, etiology/ *TUBERCULOSIS, PULMONARY, complications

7781. **Rössner S:** Ateroskleros i Tokyo Lakartidningen 73(46):3970, 10 Nov 76 **(Swe)**
ACUPUNCTURE/ *ARTERIOSCLEROSIS, occurrence/ ATHEROSCLEROSIS, metabolism/

*ATHEROSCLEROSIS, occurrence/ ATHEROSCLEROSIS, therapy/ HUMAN/ LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, metabolism

7782. **Rössner S, Vessby B:** Fat emulsions with added free cholesterol or fatty acid cholesteryl esters. Studies on removal mechanisms in vivo and hydrolysis by lipoprotein lipase in vitro. Nutr Metab 21(6):349–57, 1977
ANIMAL/ *CHOLESTEROL ESTERS, metabolism/ *CHOLESTEROL, analogs & derivatives/ *CHOLESTEROL, metabolism/ *DIETARY FATS, metabolism/ EMULSIONS/ FEMALE/ HEPARIN, pharmacodynamics/ HYDROLYSIS/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, blood/ OILS/ RABBITS/ SOY BEANS

7783. **Rostand RA, Feldman RL, Block ER:** Massive hemothorax complicating heparin anticoagulation for pulmonary embolus. South Med J 70(9):1128–30, Sep 77
CASE REPORT/ *HEMOTHORAX, chemically induced/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, drug therapy

7784. **Roth RM, Glovsky MM, Cooper JF 3rd, et al:** Gamma A myeloma with hyperviscosity and obstructive uropathy. J Urol 117(4):527–9, Apr 77
*BLOOD VISCOSITY/ *BONE NEOPLASMS, complications/ CASE REPORT/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ *IGA/ IGA, analysis/ IMMUNOELECTROPHORESIS/ *KIDNEY DISEASES, etiology/ MALE/ MIDDLE AGE/ *MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, immunology/ *MYELOMA PROTEINS/ MYELOMA PROTEINS, analysis/ PROTEINURIA, diagnosis/ PROTEINURIA, etiology

7785. **Rothberg M, Mattey WE, Bastidas J:** Radiologic distinguishing features of angiomyolipoma of the kidney. J Med Soc NJ 73(9):727–30, Sep 76
ADENOCARCINOMA, radiography/ ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMANGIOMA, radiography/ HUMAN/ *KIDNEY NEOPLASMS, radiography/ *LIPOMA, radiography/ MIDDLE AGE

7786. **Rothberger H, Zimmerman TS, Spiegelberg HL, et al:** Leukocyte procoagulant activity: enhancement of production in vitro by IgG and antigen–antibody complexes. J Clin Invest 59(3):549–57, Mar 77
*ANTIGEN–ANTIBODY COMPLEX/ *BLOOD COAGULATION/ HEAT/ HUMAN/ *IGG, physiology/ IN VITRO/ *LEUKOCYTES, physiology/ MYELOMA PROTEINS, physiology/ POLYMYXIN, pharmacodynamics/ THROMBOPLASTIN, metabolism/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7787. **Rothe CF:** Reflex vascular capacity reduction in the dog. Circ Res 39(5):705–10, Nov 76
ANIMAL/ AUTONOMIC NERVE BLOCK/ BLOOD PRESSURE/ BLOOD TRANSFUSION/ BLOOD VOLUME/ CAPILLARY PERMEABILITY/ DOGS/ FEMALE/ HEART RATE/ *HEMORRHAGE, physiopathology/ HEMOSTASIS/ HYPOTENSION, physiopathology/ MALE/ *REFLEX/ SYMPATHETIC NERVOUS SYSTEM, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR RESISTANCE/ *VASOMOTOR SYSTEM, physiopathology/ VENTRICULAR FIBRILLATION, physiopathology

7788. **Rotheram EB Jr, Magovern GJ:** Two-year cure of Candida infection of prosthetic mitral valve. Postgrad Med 61(4):237–46, Apr 77
AMPHOTERICIN B, therapeutic use/ AURICULAR FIBRILLATION, complications/ CASE REPORT/ DIGOXIN, therapeutic use/ EMBOLISM, complications/ *ENDOCARDITIS, therapy/ FEMALE/ FLUCYTOSINE, therapeutic use/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MIDDLE AGE/ *MITRAL VALVE/ MITRAL VALVE, surgery/ MONILIASIS, complications/ MONILIASIS, surgery/ *MONILIASIS, therapy/ WARFARIN, therapeutic use

7789. **Rothman SS:** Independent secretion of different digestive enzymes by the pancreas. Am J Physiol (6):1847–51, 231
*AMYLASE, secretion/ ANIMAL/ *CHYMOTRYPSINOGEN, secretion/ GLUCOSE, pharmacodynamics/ MALE/ PANCREAS, drug effects/ PANCREAS, enzymology/ *PANCREAS, secretion/ PANCREATIC JUICE, drug effects/ PANCREATIC JUICE, enzymology/ PANCREATIC JUICE, secretion/ RABBITS/ TIME FACTORS/ *TRYPSINOGEN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7790. **Rothman SS:** The digestive enzymes of the pancreas: a mixture of inconstant proportions. Annu Rev Physiol 39:373–89, 1977 (70 ref.)
AMYLASE, secretion/ ANIMAL/ BIOLOGICAL TRANSPORT/ CARBACHOL, pharmacodynamics/ CARBOXYPEPTIDASES, secretion/ *CHOLECYSTOKININ, secretion/ CHYMOTRYPSINOGEN, secretion/ CYTOPLASMIC GRANULES, enzymology/ ENZYME PRECURSORS/ EXOCYTOSIS/ *HYDROLASES, secretion/ KINETICS/ MODELS, BIOLOGICAL/ PANCREAS, drug effects/ *PANCREAS, enzymology/ PANCREAS, secretion/ REVIEW/ RIBONUCLEASE, secretion/ *TRYPSINOGEN, secretion

7791. **Rothschild AM, Castania A:** Contribution of vasopressor and plasma kininogen changes towards acute adrenaline pulmonary edema in the rat.
Naunyn Schmiedebergs Arch Pharmacol 295(2):177–81, Nov 76
ANIMAL/ ASPIRIN, pharmacodynamics/ CAPILLARY PERMEABILITY/ CARBACHOL, pharmacodynamics/ EPINEPHRINE/ KALLIKREIN–TRYPSIN INACTIVATOR, pharmacodynamics/ *KININOGENS, blood/ MALE/ *PULMONARY EDEMA, blood/ PULMONARY EDEMA, chemically induced/ PULMONARY EDEMA, physiopathology/ RATS/ SOY BEANS/ TRYPSIN INHIBITORS, pharmacodynamics/ *VASCULAR RESISTANCE, drug effects

7792. **Rottembourg J, Gandjbakhch I, Guiraudon G, et al:** Aspects actuels de la transplantation cardiaque humaine. II. Surveillance post-opératoire et résultats
Nouv Presse Med 6(10):819–23, 12 Mar 77 **(Fre)**
BACTERIAL INFECTIONS, etiology/ CARDIAC OUTPUT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ELECTROCARDIOGRAPHY/ FOLLOW-UP STUDIES/ GRAFT REJECTION/ HEART AUSCULTATION/ HEART, radiography/ *HEART, transplantation/ HEMODYNAMICS/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ ISOPROTERENOL, administration & dosage/ PERICARDIAL EFFUSION, etiology/ PNEUMONIA, INTERSTITIAL PLASMA CELL, etiology/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ REHABILITATION/ TELEPHONE/ TRANSPLANTATION, HOMOLOGOUS/ WORK

7793. **Roujas F, Cuisset P, Perez MJ:** Place des neuroleptiques en anesthésie gériatrique Ann Anesthesiol Fr 17(10):1143–54, 1976 (Eng. Abstr.) **(Fre)**
AGED/ AGING/ ANESTHESIA, adverse effects/ ANESTHESIA, mortality/ *ANESTHESIA, methods/ CARDIOVASCULAR SYSTEM, physiology/ CELLS, physiology/ CENTRAL NERVOUS SYSTEM, physiology/ ENDOCRINE GLANDS, physiology/ ENGLISH ABSTRACT/ FEMALE/ HEMOSTASIS/ HUMAN/ KIDNEY, physiology/ LIVER, physiology/ MALE/ NUTRITION/ PSYCHOSES, SENILE, physiopathology/ RESPIRATORY SYSTEM, physiology/ STRESS, physiopathology/ TIME FACTORS/ *TRANQUILIZING AGENTS, therapeutic use/ TRANQUILIZING AGENTS, MAJOR, therapeutic use/ WATER-ELECTROLYTE BALANCE

7794. **Rouleau M, Gullino PM:** Increased susceptibility of cytosol

proteins to proteolytic digestion during regression of a hormone-dependent mammary tumor. Cancer Res 37(3):670–7, Mar 77
ANIMAL/ CHYMOTRYPSIN, pharmacodynamics/ COMPARATIVE STUDY/ CYTOSOL, metabolism/ DNA, NEOPLASM, biosynthesis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESTRADIOL, pharmacodynamics/ FEMALE/ GLUCOSE, metabolism/ HYDROCORTISONE, pharmacodynamics/ *MAMMARY NEOPLASMS, EXPERIMENTAL, metabolism/ MAMMARY NEOPLASMS, EXPERIMENTAL, therapy/ NEOPLASM PROTEINS, analysis/ NEOPLASM PROTEINS, biosynthesis/ *NEOPLASM PROTEINS, metabolism/ PROGESTERONE, pharmacodynamics/ PROLACTIN, pharmacodynamics/ PROTEIN DENATURATION/ RATS/ REMISSION/ RNA, NEOPLASM, biosynthesis/ SUBTILISINS, pharmacodynamics/ TRYPSIN, metabolism/ TRYPSIN, pharmacodynamics

7795. **Rounds DE, Booher J, Guerrero RR:** Consideration of atherosclerotic plaques as benign neoplasms. Atherosclerosis 25(2–3):183–9, Nov–Dec 76
ADULT/ ARTERIES, metabolism/ *ARTERIOSCLEROSIS, physiopathology/ ATHEROSCLEROSIS, metabolism/ *ATHEROSCLEROSIS, physiopathology/ DIAGNOSIS, DIFFERENTIAL/ DNA, metabolism/ FATTY STREAK, ARTERIAL, physiopathology/ FEMALE/ HUMAN/ *NEOPLASMS, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7796. **Rousseaux J, Debeaumont D, Scharfman A, et al:** Bisalbuminemies au cours des pancréatites: modifications structurales de la sérumalbumine humaine par les enzymes protéolytiques du pancréas Clin Chim Acta 71(1):35–46, 16 Aug 76 (Eng. Abstr.) **(Fre)**
CARBOXYPEPTIDASES, metabolism/ CHYMOTRYPSIN, metabolism/ ELECTROPHORESIS, CELLULOSE ACETATE/ ENGLISH ABSTRACT/ HUMAN/ MOLECULAR WEIGHT/ *PANCREAS, enzymology/ *PANCREATITIS, blood/ PANCREATITIS, enzymology/ PANCREATOPEPTIDASE, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *SERUM ALBUMIN, metabolism/ TRYPSIN, metabolism

7797. **Rousseaux P, Bernard MH, Scherpereel B, et al:** Thrombose des sinus veineux intra-crâniens après prise d'estro-progestatifs. 4 cas. Nouv Presse Med 6(23):2049, 2051–4, 4 Jun 77 (Eng. Abstr.) **(Fre)**
ADULT/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ CASE REPORT/ CEREBRAL HEMORRHAGE, etiology/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ ENGLISH ABSTRACT/ ESTROGENS, SYNTHETIC, adverse effects/ FEMALE/ HUMAN/ PROGESTATIONAL HORMONES, SYNTHETIC, adverse effects/ PROGNOSIS/ *SINUS THROMBOSIS, chemically induced/ SINUS THROMBOSIS, complications/ SINUS THROMBOSIS, diagnosis/ SINUS THROMBOSIS, drug therapy

7798. **Rousselot JP, Gillet M, Bassand JP, et al:** Les paralysies crurales compliquant les thérapeutiques anticoagulantes et leur traitement chirurgical Coeur Med Interne 16(1):53–8, Jan–Mar 77 **(Fre)**
ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, adverse effects/ *HEMATOMA, chemically induced/ *HEMATOMA, surgery/ HUMAN/ INJECTIONS, INTRAMUSCULAR, adverse effects/ *THIGH, surgery

7799. **Rowan RM:** Myelomatosis. Compr Ther 3(2):37–49, Feb 77
ALKYLATING AGENTS, therapeutic use/ AMYLOIDOSIS, etiology/ ANTIGENS, NEOPLASM/ BLOOD VISCOSITY/ BONE AND BONES/ DIAGNOSIS, DIFFERENTIAL/ HEMATOLOGIC DISEASES, etiology/ HUMAN/ IMMUNOGLOBULINS/ INFECTION, etiology/ KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FAILURE, CHRONIC, etiology/ *MULTIPLE MYELOMA/ MULTIPLE MYELOMA, diagnosis/ MULTIPLE MYELOMA, drug therapy/ MULTIPLE MYELOMA, immunology/ MYELOMA PROTEINS/ NERVOUS SYSTEM DISEASES, etiology/ PAIN, etiology/ PARAPROTEINEMIAS, diagnosis/ PREDNISOLONE, therapeutic use

7800. **Rowan RM, Fraser C, Gray JH, et al:** Evaluation of a semi-automated platelet-counting system. J Clin Pathol 30(4):361–6, Apr 77
*AUTOMATIC DATA PROCESSING, methods/ *BLOOD PLATELETS/ *CELL COUNT, methods/ HUMAN

7801. **Rowden G, Lewis MG, Sullivan AK:** Ia antigen expression on human epidermal Langerhans cells. Nature 268(5617):247–8, 21 Jul 77
ANTILYMPHOCYTE SERUM/ *B-LYMPHOCYTES, immunology/ BINDING SITES/ COMPLEMENT 3, metabolism/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IMMUNE ADHERENCE REACTION/ IMMUNOGLOBULINS, FC/ *ISOANTIGENS, analysis/ *LANGERHANS CELLS, immunology/ *SKIN, immunology/ TRYPSIN

7802. **Rowe FP, Bradfield A:** Trials of the anticoagulants rodenticide WBA 8119 against confined colonies of warfarin-resistant house mice (Mus musculus L.). J Hyg (Camb) 77(3):427–31, Dec 76
ANIMAL/ *BIPHENYL COMPOUNDS, pharmacodynamics/ DRUG RESISTANCE/ FEMALE/ FOOD/ MALE/ MICE/ *RODENTICIDES, pharmacodynamics/ WARFARIN, pharmacodynamics/ *4-HYDROXYCOUMARINS, pharmacodynamics

7803. **Rowett D, Zavod R, Damjanov I, et al:** Renal vein thrombosis: clinical, radiographic, and pathological manifestations. Conn Med 41(8):473–6, Aug 77
ADULT/ BASEMENT MEMBRANE, pathology/ CASE REPORT/ HUMAN/ KIDNEY GLOMERULUS, pathology/ KIDNEY, radiography/ MALE/ NEPHROTIC SYNDROME, complications/ *RENAL VEINS/ RENAL VEINS, radiography/ *THROMBOSIS/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology/ THROMBOSIS, pathology/ THROMBOSIS, radiography

7804. **Rowley AF, Ratcliffe NA:** The granular cells of Galleria mellonella during clotting and phagocytic reactions in vitro. Tissue Cell 8(3):437–46, 1976
ANIMAL/ *BLOOD CELLS, physiology/ *BLOOD COAGULATION/ CYTOPLASMIC GRANULES, ultrastructure/ ENDOPLASMIC RETICULUM, ultrastructure/ GOLGI APPARATUS, ultrastructure/ *HEMOCYTES, physiology/ HEMOCYTES, ultrastructure/ *LEPIDOPTERA, cytology/ *MOTHS, cytology/ *PHAGOCYTOSIS/ RUTHENIUM RED, diagnostic use/ VACUOLES, ultrastructure

7805. **Roy B:** A propos de la communication de m. malafosse et coll. sur les hématomes duodénaux intra-muraux d'origine pancréatique. Chirurgie 103(4):286–7, 1977 **(Fre)**
ACUTE DISEASE/ ADULT/ CASE REPORT/ *DUODENAL DISEASES/ DUODENAL DISEASES, etiology/ DUODENAL DISEASES, surgery/ *HEMATOMA/ HEMATOMA, etiology/ HEMATOMA, surgery/ *HEMORRHAGE, GASTROINTESTINAL/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ MALE/ *PANCREATITIS, complications

7806. **Royer GP, Ikeda S, Aso K:** Cross-linking of reversibly immobilized enzymes. FEBS Lett 80(1):89–94, 1 Aug 77
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ENZYMES, IMMOBILIZED/ GLUTARALDEHYDE/ IMIDES/ INDICATORS AND REAGENTS/ METHODS/ MOLECULAR WEIGHT/ *PAPAIN/ SEPHAROSE/ *TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7807. **Rozanis J, Schofield ID, Warren BA:** Is dry socket preventable? Dent J 43(5):233–6, May 77

BLOOD COAGULATION/ COSTS AND COST ANALYSIS/ DRY SOCKET, drug therapy/ DRY SOCKET, etiology/ DRY SOCKET, occurrence/ *DRY SOCKET, prevention & control/ DRY SOCKET, physiopathology/ ERYTHROCYTES, physiology/ FIBRIN, physiology/ FIBRINOLYSIS/ HUMAN/ ONTARIO/ PAIN

7808. **Rozenfel'd EL:** Nasledstvennye zabolevaniia, vyzvannye narusheniiami v obmene glikokon'iugatov
Vopr Med Khim (1):3–12, Jan–Feb 77 (41 ref.) **(Rus)**
AMAUROTIC FAMILIAL IDIOCY, diagnosis/ AMNIOTIC FLUID, enzymology/ BLOOD PLATELETS, enzymology/ ENZYME TESTS/ FUCOSIDASE, deficiency/ GAUCHER'S DISEASE, enzymology/ GLUCURONIDASE, analysis/ *GLYCOGENOSIS, enzymology/ GLYCOGENOSIS, metabolism/ GLYCOPROTEINS, metabolism/ HUMAN/ ISOELECTRIC FOCUSING/ LIPOCHONDRODYSTROPHY, enzymology/ *LIPOIDOSIS, enzymology/ LIPOIDOSIS, metabolism/ LIVER, enzymology/ LYSOSOMES, enzymology/ METABOLISM, INBORN ERRORS, metabolism/ *MUCOPOLYSACCHARIDOSIS, enzymology/ MUCOPOLYSACCHARIDOSIS, metabolism/ PLACENTA, enzymology/ PRENATAL DIAGNOSIS/ REVIEW

7809. **Rozenfel'd MA, Kleimenov AN, Piruzian LA, et al:** Mikrokalorimetricheskie issledovanie reaktsii perekhoda fibrinogena v fibrin, kataliziruemogo trombinom.
Izv Akad Nauk SSSR [Biol] (6):804–12, Nov–Dec 76 (Eng. Abstr.) **(Rus)**
CALORIMETRY/ CATALYSIS/ ENGLISH ABSTRACT/ *FIBRINOGEN/ HUMAN/ *THROMBIN

7810. **Rozhanskaia TI, Margolina NA, Podsukhina GM, et al:** Pronitsaemost' atsetiltselliuloznykh ul'trafil'tratsionnykh membran po otnosheniiu k biologicheski aktivnym veshchestvam Prikl Biokhim Mikrobiol 12(2):287–90, Mar–Apr 76 (Eng. Abstr.) **(Rus)**
*CELLULOSE, analogs & derivatives/ ENGLISH ABSTRACT/ HEMOGLOBINS, isolation & purification/ *MEMBRANES, ARTIFICIAL/ PERMEABILITY/ RIBONUCLEASE, isolation & purification/ TETRACYCLINES, isolation & purification/ TRYPSIN, isolation & purification/ *ULTRAFILTRATION, instrumentation/ VITAMIN B 12, isolation & purification

7811. **Rozin DG:** O roli vegetativnoĭ nervnoĭ sistemy v differentsirovannoĭ reaktsii pankreaticheskoĭ fermentovydeleniia Fiziol Zh SSSR 62(8):1216–21, Aug 76 (Eng. Abstr.) **(Rus)**
AMYLASE, secretion/ ANIMAL/ ATROPINE, pharmacodynamics/ AZAMETHONIUM COMPOUNDS, pharmacodynamics/ CHYMOTRYPSIN, secretion/ DIET/ DIETARY PROTEINS/ DOGS/ ENGLISH ABSTRACT/ ERGOT ALKALOIDS, pharmacodynamics/ PANCREAS, innervation/ *PANCREAS, secretion/ PROTEIN HYDROLYSATES/ *SPLANCHNIC NERVES, physiology/ SYMPATHECTOMY/ TRYPSIN, secretion/ VAGOTOMY/ *VAGUS NERVE, physiology

7812. **Rubba P, Rivellese A, Griffo S, et al:** Activation of lipoprotein lipase with lipid lowering effect in man by intravenous injection of an extractive mucopolysaccaride complex (EMC). Pharmacol Res Commun 9(7):675–8, Jul 77
ANIMAL/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DUODENUM, analysis/ ENZYME ACTIVATION, drug effects/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ INTESTINAL MUCOSA, analysis/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ *MUCOPOLYSACCHARIDES, pharmacodynamics/ RABBITS/ *TRIGLYCERIDES, blood

7813. **Rubegni M, De Mauro G, Provvedi D, et al:** Tempo di emorragia e farmaci cardioattivi. Effetti del dipiridamolo e del carbocromene Boll Soc Ital Cardiol 20(8):875–80, 1975 (Eng. Abstr.) **(Ita)**
ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ *CHROMONAR, pharmacodynamics/ COMPARATIVE STUDY/ *COUMARINS, pharmacodynamics/ *DIPYRIDAMOLE, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION, drug effects/ TIME FACTORS

7814. **Rubegni M, De Mauro G, Provvedi D, et al:** Un nuovo metodo standardizzato per la determinazione del tempo di sanguinamento Quad Sclavo Diagn 12(1):79–83, Mar 76 (Eng. Abstr.) **(Ita)**
ANIMAL/ ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION TESTS, methods/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT

7815. **Rubenfeld S, Min KW:** Leukocytoclastic angiitis in subacute bacterial endocarditis. Arch Dermatol 113(8):1073–4, Aug 77
ADULT/ CASE REPORT/ *ENDOCARDITIS, SUBACUTE BACTERIAL, diagnosis/ HUMAN/ IMMUNE COMPLEX DISEASE/ *LACTOBACILLUS/ MALE/ PURPURA, etiology/ PURPURA, pathology/ *SKIN MANIFESTATIONS/ SKIN, pathology

7816. **Rubies-Prat J, Ras MR, Frison JC, et al:** The clearance of lipoprotein X in vitro, and effect of phospholipase A on serum lipoprotein X. Clin Chim Acta 75(1):117–21, 15 Feb 77
ADULT/ BILIARY TRACT DISEASES, blood/ CHOLESTASIS, blood/ HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ LIPIDS, blood/ *LIPOPROTEINS, blood/ LYSOPHOSPHATIDYLCHOLINES, blood/ MALE/ PHOSPHATIDYLCHOLINES, blood/ *PHOSPHOLIPASE, pharmacodynamics/ PROTAMINES, pharmacodynamics/ SNAKE VENOMS

7817. **Rubin JW, Moore HV, Hillson RF, et al:** Thirteen year experience with aortic valve replacement.
Am J Cardiol 40(3):345–54, Sep 77
ACTIVITIES OF DAILY LIVING/ ADOLESCENCE/ ADULT/ AGED/ AORTIC VALVE INSUFFICIENCY, surgery/ AORTIC VALVE STENOSIS, surgery/ *AORTIC VALVE, surgery/ CHILD/ FEMALE/ GEORGIA/ HEART DISEASES, etiology/ HEART DISEASES, mortality/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEMATOLOGIC DISEASES, etiology/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, mortality/ RETROSPECTIVE STUDIES/ THROMBOEMBOLISM, etiology

7818. **Rubin RN:** Disseminated intravascular coagulation [letter] Transfusion 17(4):398–9, Jul–Aug 77
BLOOD TRANSFUSION/ *DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FACTOR IX/ FACTOR X/ HEPARIN, therapeutic use/ HUMAN

7819. **Rubin Z, Richter S, Danber M:** Malignant hemangioendothelioma (angiosarcoma). Cutis 17(5):950–3, May 76
AGED/ *ANGIOSARCOMA, diagnosis/ ANGIOSARCOMA, therapy/ CASE REPORT/ *FACIAL NEOPLASMS, diagnosis/ FACIAL NEOPLASMS, therapy/ FEMALE/ *HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOENDOTHELIOMA, therapy/ HUMAN

7820. **Rubinstein M, Stein S, Gerber LD, et al:** Isolation and characterization of the opioid peptides from rat pituitary: beta-lipotropin. Proc Natl Acad Sci USA 74(7):3052–5, Jul 77
AMINO ACIDS, analysis/ ANIMAL/ ENDORPHINS, isolation & purification/ ENKEPHALINS, isolation & purification/ LIPOTROPIN, analysis/ *LIPOTROPIN, isolation & purification/ LIPOTROPIN, metabolism/ MALE/ MOLECULAR WEIGHT/ *PITUITARY GLAND, analysis/ *PITUITARY GLAND, ANTERIOR, analysis/ RATS/ RECEPTORS, NARCOTIC, metabolism/ TRYPSIN, metabolism

7821. **Rubio V, Grisolia S:** Prominent role of lysosomes in the proteolysis of rat liver mitochondria at neutral pH. FEBS Lett 75(1):281–4, 15 Mar 77
ANIMAL/ DIGITONIN/ HYDROGEN-ION

CONCENTRATION/ KINETICS/ *LIVER, enzymology/ *LYSOSOMES, enzymology/ *MITOCHONDRIA, LIVER, physiology/ *PEPTIDE HYDROLASES, metabolism/ RATS/ SOLUBILITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7822. **Rübsaamen H:** Vinylchloridkrankheit (VC-Krankheit) ZFA (Stuttgart) 52(30):1551-5, 31 Oct 76 **(Ger)**
ADULT/ CARCINOGENESIS, chemically induced/ FEMALE/ HEMANGIOENDOTHELIOMA, chemically induced/ HUMAN/ LIVER NEOPLASMS, chemically induced/ LIVER, pathology/ MALE/ *OCCUPATIONAL DISEASES, chemically induced/ *VINYL CHLORIDE, adverse effects/ *VINYL COMPOUNDS, adverse effects

7823. **Ruckenstein E, Marmur A, Rakower SR:** Sedimentation and adhesion of platelets onto a horizontal glass surface. Thromb Haemostas 36(2):334-42, 30 Nov 76
*BLOOD PLATELETS, physiology/ *BLOOD SEDIMENTATION/ GLASS/ HUMAN/ IN VITRO/ MATHEMATICS/ METHODS/ MODELS, THEORETICAL/ *PLATELET ADHESIVENESS

7824. **Ruckenstein E, Marmur A, Gill WN:** Growth kinetics of platelet thrombi. J Theor Biol 66(1):147-68, 7 May 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD FLOW VELOCITY/ BLOOD PLATELETS, drug effects/ *MODELS, BIOLOGICAL/ PLATELET ADHESIVENESS/ *PLATELET AGGREGATION/ *THROMBOSIS, etiology

7825. **Ruckley CV:** A multi-unit controlled trial of heparin and dextran in the prevention of venous thromboembolic disease. pp. 325-35.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
ADULT/ AGED/ COMPARATIVE STUDY/ *DEXTRAN, therapeutic use/ FIBRINOGEN, metabolism/ HEMORRHAGE, chemically induced/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ MONOGRAPH/ NEOPLASMS, complications/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

7826. **Rudders RA, Howard JP:** Pathways of human B lymphocyte differentiation: a clonal transition between IgM and IgG synthesis in leukemic B lymphocytes. J Immunol 119(1):283-6, Jul 77
ABDOMINAL NEOPLASMS, immunology/ *B-LYMPHOCYTES, cytology/ CELL DIFFERENTIATION/ CLONE CELLS, immunology/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ *IGG, biosynthesis/ *IGM, biosynthesis/ IMMUNOGLOBULINS, SURFACE, analysis/ *LYMPHOMA, immunology/ SECRETORY COMPONENT, analysis/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7827. **Rudek W, Haque RU:** Extracellular enzymes of the genus Bacteroides. J Clin Microbiol 4(5):458-60, Nov 76
*BACTEROIDES FRAGILIS, enzymology/ *BACTEROIDES, enzymology/ CHONDROITINSULFATASE, metabolism/ DEOXYRIBONUCLEASE, metabolism/ ESTERASES, metabolism/ FIBRINOLYSIN, metabolism/ HYALURONIDASE, metabolism/ *HYDROLASES, metabolism/ LECITHINASE, metabolism/ LIPASE, metabolism/ MURAMIDASE, metabolism/ PANCREATOPEPTIDASE, metabolism/ PENICILLINASE, metabolism/ *PEPTIDE HYDROLASES, metabolism/ PHOSPHATASES, metabolism

7828. **Rudkowski Z:** Zagadnienia kliniczne dotyczące wrodzonych zespołow upośledzonej odproności immunologicznej. Pediatr Pol 52(7):803-8, Jul 77 **(Pol)**
AGAMMAGLOBULINEMIA, immunology/ AGE FACTORS/ ALDRICH SYNDROME, immunology/ AUTOIMMUNE DISEASES, immunology/ BACTERIAL INFECTIONS, immunology/ CHILD/ FEMALE/ HUMAN/ IMMUNE COMPLEX DISEASE, immunology/ IMMUNOLOGIC DEFICIENCY SYNDROMES, classification/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, congenital/ IMMUNOLOGIC DEFICIENCY SYNDROMES, familial & genetic/ MALE/ RECURRENCE/ WORLD HEALTH ORGANIZATION

7829. **Rudneva AV, Tsvetkova SE:** Soderzhanie nekotorykh biogenno aktivnykh veshchestv v krovi bol'nykh nespetsificheskimi pnevmoniiami Vrach Delo (10):29-32, Oct 76 **(Rus)**
ACUTE DISEASE/ ADULT/ AGED/ FEMALE/ *HEPARIN, blood/ HUMAN/ MALE/ MIDDLE AGE/ *PNEUMONIA, blood/ *SEROTONIN, blood

7830. **Rudnick G:** Active transport of 5-hydroxytryptamine by plasma membrane vesicles isolated from human blood platelets. J Biol Chem 252(7):2170-4, 10 Apr 77
BIOLOGICAL TRANSPORT, ACTIVE/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ HUMAN/ KINETICS/ MEMBRANE POTENTIALS, drug effects/ OSMOLAR CONCENTRATION/ *SEROTONIN, blood/ SEROTONIN, pharmacodynamics/ SUCROSE, pharmacodynamics

7831. **Rudolph N, Levin EJ:** Hydrops fetalis with vena caval thrombosis in utero. NY State J Med 77(3):421-3, Mar 77
*EDEMA, etiology/ FEMALE/ *FETAL DISEASES/ HUMAN/ INFANT, NEWBORN/ PREGNANCY/ *THROMBOSIS, complications/ *VENA CAVA, INFERIOR

7832. **Rudolph R, Westhof E, Jaenicke R:** Kinetic analysis of the reactivation of rabbit muscle aldolase after denaturation with guanidine-HCL. FEBS Lett 73(2):204-6, 1 Feb 77
ANIMAL/ ENZYME ACTIVATION/ *FRUCTOSEDIPHOSPHATE ALDOLASE, metabolism/ *GUANIDINES, pharmacodynamics/ KINETICS/ MONKEYS/ *MUSCLES, enzymology/ PROTEIN DENATURATION/ TRYPSIN/ UREA, pharmacodynamics

7833. **Rudowski WJ:** The place of blood transfusion in surgery yesterday, today, tomorrow. J R Coll Surg Edinb 22(2):109-17, Mar 77
BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ FUTUROLOGY/ HUMAN/ *SURGERY, OPERATIVE

7834. **Rudzki Z, Kanigowski K, Musierowicz A:** Krwotoczna torbiel trzustki w przebiegu haemangioendothelioma pancreatis powikłana krwptokiem do przewodu pokarmowego Pol Tyg Lek 31(46):1987-8, 15 Nov 76 (Eng. Abstr.) **(Pol)**
CASE REPORT/ ENGLISH ABSTRACT/ *HEMANGIOENDOTHELIOMA, complications/ HEMORRHAGE, surgery/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ NEOPLASM METASTASIS/ *PANCREATIC CYST, surgery/ *PANCREATIC NEOPLASMS, complications/ POSTOPERATIVE COMPLICATIONS/ STOMACH NEOPLASMS

7835. **Rüegg M:** Antithrombotic effects of sulfinpyrazone in animals: influence on fibrinolysis and sodium arachidonate-induced pulmonary embolism. Pharmacology 14(6):522-36, 1976
ANIMAL/ ARACHIDONIC ACIDS/ BLOOD COAGULATION, drug effects/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MICE/ PULMONARY EMBOLISM, chemically induced/ *PULMONARY EMBOLISM, drug therapy/ RABBITS/ RATS/ *SULFINPYRAZONE, pharmacodynamics/ SULFINPYRAZONE, therapeutic use/ TIME FACTORS/ UROKINASE, pharmacodynamics

7836. **Ruggeri ZM, Ponticelli C, Mannucci PM:** Factor VIII and chronic renal failure [letter]. Br Med J 1(6068):1085, 23 Apr 77
*FACTOR VIII, analysis/ HUMAN/ *KIDNEY FAILURE, CHRONIC, blood

7837. **Ruggero D, Baccarani M, Guarini A, et al:** Acute

promyelocytic leukemia: results of therapy and analysis of 13 cases. Acta Haematol (Basel) 58(2):108–19, 1977
ADOLESCENCE/ ADRIAMYCIN, therapeutic use/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CYTARABINE, therapeutic use/ DAUNOMYCIN, therapeutic use/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ LEUKEMIA, MYELOBLASTIC, diagnosis/ LEUKEMIA, MYELOBLASTIC, drug therapy/ *LEUKEMIA, MYELOBLASTIC, therapy/ MALE/ MIDDLE AGE/ PROGNOSIS/ REMISSION

7838. **Ruggiero A, Teramo A, Mauro C:** Interessanti modificazioni sulla fibrinolisi ematica conseguenti a somminstrazione di acido acetilsalicilico nella patologia vascolare degli arti inferiori Chir Ital 28(4):306–16, Aug 76 (Eng. Abstr.) **(Ita)**
ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *ASPIRIN, therapeutic use/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ *FIBRINOLYSIS, drug effects/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *PHLEBITIS, complications/ *VENOUS INSUFFICIENCY, drug therapy

7839. **Ruggiero HA, Fustinoni O, Luzzi R, et al:** Alteraciones de la coagulación sanguínea, de la adhisividad plaquetaria y del recuento de plaquetas en el sindrome coronario intermedio. Arch Inst Cardiol Mex 47(1):37–51, Jan–Feb 77 (Eng. Abstr.) **(Spa)**
ADULT/ AGED/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *CORONARY DISEASE, blood/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS/ THROMBELASTOGRAPHY

7840. **Ruh-Bernhardt D, Finance F, Rohmer F, et al:** Incidence de la thérapeutique psychotrope sur la thrombogenèse et sur les fonctions plaquettaires. A propos de 4 cas d'accidents thromboemboliques survenus chez des malades traitées par neuroleptiques et antidépresseurs Encephale 2(3):239–55, 1976 (Eng. Abstr.) **(Fre)**
AGED/ *ANTIDEPRESSIVE AGENTS, adverse effects/ CASE REPORT/ CHLORIMIPRAMINE, adverse effects/ CHLORPROMAZINE, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LORAZEPAM, adverse effects/ MIDDLE AGE/ *PLATELET AGGREGATION, drug effects/ PULMONARY EMBOLISM, chemically induced/ *THROMBOEMBOLISM, chemically induced/ THROMBOPHLEBITIS, chemically induced/ *TRANQUILIZING AGENTS, adverse effects

7841. **Ruiz-Herrera J, Bartnicki-Garcia S:** Proteolytic activation and inactivation of chitin synthetase from Mucor rouxii. J Gen Microbiol 97(2):241–9, Dec 76
*CHITIN SYNTHASE, biosynthesis/ CHITIN SYNTHASE, metabolism/ CHITIN, biosynthesis/ DRUG STABILITY/ ENZYME ACTIVATION/ *HEXOSYLTRANSFERASES, biosynthesis/ MUCOR, cytology/ *MUCOR, enzymology/ *PEPTIDE HYDROLASES, metabolism/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7842. **Ruiz-Herrera J, Lopez-Romero E, Bartnicki-Garcia S:** Properties of chitin synthetase in isolated chitosomes from yeast cells of Mucor rouxii. J Biol Chem 252(10):3338–43, 25 May 77
ACETYLGLUCOSAMINE, pharmacodynamics/ CATIONS, DIVALENT/ CHITIN SYNTHASE, antagonists & inhibitors/ CHITIN SYNTHASE, isolation & purification/ *CHITIN SYNTHASE, metabolism/ CHITIN, metabolism/ ENZYME ACTIVATION/ ENZYME PRECURSORS, isolation & purification/ *HEXOSYLTRANSFERASES, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ *MUCOR, enzymology/ MUCOR, ultrastructure/ PEPTIDE HYDROLASES, metabolism/ PROTEIN BINDING/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ URACIL NUCLEOTIDES, pharmacodynamics

7843. **Ruíz-Reyes G, Tabe-Tabe D, Exaire-Murad E:** Quantitative counterimmunoelectrophoresis for urinary fibrinogen-related antigens. Am J Clin Pathol 67(2):174–6, Feb 77
*ANTIGENS, urine/ *COUNTERIMMUNOELECTROPHORESIS/ *FIBRINOGEN, immunology/ HUMAN/ *IMMUNOELECTROPHORESIS/ KIDNEY, transplantation/ TRANSPLANTATION, HOMOLOGOUS

7844. **Rull Bartomeu M, Lorenzo Foz P, Miralles Marrero R:** Uso del dextrano como prevención de las tromboembolias en cirugia ortopédica y traumatológica. Nuestra experiencia Rev Esp Anestesiol Reanim 23(6):490–7, Nov 76 **(Spa)**
AGED/ *ARTHRODESIS/ *DEXTRAN, therapeutic use/ DRUG EVALUATION/ FEMALE/ *FRACTURE FIXATION, INTERNAL/ HUMAN/ *INTERVERTEBRAL DISK DISPLACEMENT, surgery/ JOINT PROSTHESIS/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

7845. **Rumiantsev VV, Didenko VM:** Otsenka svertyvaiushcheĭ sistemy krovi u bol'nykh ostrymi gastro-duodenal'nymi krovotecheniiami po dannym troboélastografii Vestn Khir 118(2):129–32, Feb 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADULT/ AGED/ *BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION/ BLOOD VOLUME/ COMPARATIVE STUDY/ DUODENUM/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, etiology/ *HEMORRHAGE, GASTROINTESTINAL, physiopathology/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBELASTOGRAPHY

7846. **Rumpf KW, Fuchs C, Poser W, et al:** Bromcarbamidintoxikation mit akutem Nierenversagen und beidseitigen Oberschenkelvenenthrombosen. Med Klin 72(22):993–7, 3 Jun 77 (Eng. Abstr.) **(Ger)**
ADULT/ *CARBROMAL, poisoning/ CASE REPORT/ ENGLISH ABSTRACT/ FEMORAL VEIN/ HEPARIN, therapeutic use/ HUMAN/ *KIDNEY FAILURE, ACUTE, chemically induced/ KIDNEY FAILURE, ACUTE, therapy/ MALE/ PERITONEAL DIALYSIS/ *THROMBOSIS, chemically induced/ THROMBOSIS, drug therapy

7847. **Rundle AT:** Plasma acute-phase reactant proteins in tuberose sclerosis. J Ment Defic Res 20(4):237–42, Dec 76
ADOLESCENCE/ ADULT/ *ALPHA MACROGLOBULINS, analysis/ ALPHA 1-ANTITRYPSIN, analysis/ CERULOPLASMIN, analysis/ COMPLEMENT 4, analysis/ FEMALE/ FIBRINOGEN, analysis/ HAPTOGLOBINS, analysis/ HUMAN/ MALE/ MIDDLE AGE/ OROSOMUCOID, analysis/ PHENOTYPE/ TRANSFERRIN, analysis/ *TUBEROUS SCLEROSIS, blood

7848. **Rupprecht E:** Die Wirksamkeit von Carbocromen bei koronarer Herzkrankheit--ein Applikationsproblem? ZFA (Stuttgart) 53(17):1010–4, 20 Jun 77 **(Ger)**
CHROMONAR, administration & dosage/ *CHROMONAR, therapeutic use/ CLINICAL RESEARCH/ *CORONARY DISEASE, drug therapy/ *COUMARINS, therapeutic use/ DELAYED-ACTION PREPARATIONS/ DRUG EVALUATION/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PLACEBOS

7849. **Rusanov VM, Kaloshina GA:** Preparaty krovi v sovremennoĭ transfuziologii Sov Med (8):62–5, AUG 76 **(Rus)**
ALBUMINS, therapeutic use/ *BLOOD TRANSFUSION/ HEMOSTATICS, therapeutic use/ HUMAN/ *PLASMA SUBSTITUTES, therapeutic use/ SERUM GLOBULINS, therapeutic use

7850. **Rush EC, Neutze JM, Harris EA:** Calibration of densitometers for indicator dye dilution. Cardiovasc Res 11(3):263–9, May 77
BLOOD PRESERVATION/ CARDIAC OUTPUT/ *DENSITOMETRY, methods/ *DYE DILUTION TECHNIC, instrumentation/ HEMATOCRIT/ HEMOGLOBINS/ HUMAN/ INDOCYANINE GREEN

7851. **Rusiaev VF, Kuksinskiĭ VE, Sheftel' IE:** Elektrokineticheskie svoĭstva formennykh élementov krovi pri vozdeĭstvii fizicheskikh faktorov Biofizika 21(4):679–83, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD PLATELETS/ DOGS/ *ELECTROMAGNETIC FIELDS/ *ELECTROMAGNETICS/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ HUMAN/ IN VITRO/ *MAGNETICS/ *SOUND

7852. **Rusiaev VF, Mulyndina GI:** Vliianie elektricheskogo polia UVCh na sistemu svertyvaniia krovi u zhivotnykh Vopr Kurortol Fizioter Lech Fiz Kult (4):76–9, Jul–Aug 76 **(Rus)**
ANIMAL/ AORTA/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ *ELECTROMAGNETIC FIELDS/ *ELECTROMAGNETICS/ MYOCARDIUM/ RATS/ TISSUE EXTRACTS, pharmacodynamics

7853. **Rusiaev VF, Kuznik BI:** Faktory svertyvaniia i protsess vozbuzhdeniia kletok. Usp Fiziol Nauk 8(2):94–111, Apr–May 77 **(Rus)**
ANIMAL/ AXONS, metabolism/ *BLOOD COAGULATION FACTORS, secretion/ BLOOD COAGULATION/ BLOOD PLATELETS, secretion/ BLOOD VESSELS, secretion/ CELL MEMBRANE PERMEABILITY/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, metabolism/ HUMAN/ LYSOSOMES, enzymology/ MEMBRANE LIPIDS, physiology/ MEMBRANE PROTEINS, physiology/ MODELS, BIOLOGICAL/ MYOCARDIUM, secretion/ PEPTIDE HYDROLASES, metabolism/ PHOSPHOLIPIDS, physiology/ PLASMINOGEN ACTIVATORS, secretion/ RABBITS/ THROMBOPLASTIN, secretion

7854. **Russek HI:** Anticoagulants should not be used routinely for acute myocardial infarction. Cardiovasc Clin 8(1):123–9, 1977
ACUTE DISEASE/ AGE FACTORS/ *ANTICOAGULANTS, administration & dosage/ CORONARY DISEASE, drug therapy/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ PLATELET AGGREGATION, drug effects/ PULMONARY EMBOLISM, drug therapy/ RECURRENCE/ RISK/ THROMBOPHLEBITIS, drug therapy

7855. **Russell FA, Deykin D:** The effect of thrombin on the uptake and transformation of arachidonic acid by human platelets. Am J Hematol 1(1):59–70, 1976
*ARACHIDONIC ACIDS, metabolism/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ FATTY ACIDS, UNSATURATED, pharmacodynamics/ HUMAN/ INDOMETHACIN, pharmacodynamics/ LIPIDS, biosynthesis/ *THROMBIN, pharmacodynamics

7856. **Russo SF, Holzman T:** The activity of trypsin. J Chem Educ 54(1):60–1, Jan 77
BINDING SITES/ CATALYSIS/ *TRYPSIN/ TRYPSIN, analysis/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7857. **Rustin GJ:** Diffuse intravascular coagulation in association with myocardial infarction and multiple angiolipomata. Postgrad Med J 53(618):228–9, Apr 77
CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *HEMANGIOMA, complications/ HUMAN/ *LIPOMA, complications/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications

7858. **Ruta U, Rożniecki J, Szmidt M:** Ocena aktywności niektórych enzymów lizosomalnych w leukocytach izolowanych z krwi obwodowej u chorych z przedwczesną rozedmą i u osób zdrowych Pneumonol Pol 44(8–9):891–7, Aug–Sep 76 (Eng. Abstr.) **(Pol)**
ACID PHOSPHATASE, metabolism/ ADULT/ AGED/ CATHEPSIN, metabolism/ ENGLISH ABSTRACT/ ESTERASES, metabolism/ FEMALE/ GLUCURONIDASE, metabolism/ HUMAN/ *LEUKOCYTES, enzymology/ *LYSOSOMES, enzymology/ MALE/ MIDDLE AGE/ PANCREATOPEPTIDASE, metabolism/ PEPTIDE HYDROLASES, metabolism/ PULMONARY EDEMA, enzymology/ *PULMONARY EMPHYSEMA, etiology

7859. **Rutberg RA:** Biokhimicheskie aspekty gemofilii Lab Delo (3):185–7, 1977 **(Rus)**
*FACTOR VIII, antagonists & inhibitors/ *HEMOPHILIA, blood/ HUMAN

7860. **Rutgeerts L, Eggermont E:** Human enterokinase. Tijdschr Gastroenterol 19(4):231–46, 1976
CELIAC DISEASE, enzymology/ DUODENUM/ *ENTEROPEPTIDASE/ ENTEROPEPTIDASE, deficiency/ GLUCAGON, metabolism/ HUMAN/ INTESTINAL MUCOSA, enzymology/ MALABSORPTION SYNDROMES, etiology/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, deficiency/ TRYPSIN, biosynthesis/ TRYPSINOGEN, metabolism

7861. **Ruza F, Barrio F, Rodrigo F, et al:** Tratamiento de la trombosis venosa renal del recién nacido. An Esp Pediatr 10(4):333–40, Apr 77 (Eng. Abstr.) **(Spa)**
COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, surgery/ *INFANT, NEWBORN, DISEASES, therapy/ PERITONEAL DIALYSIS/ *RENAL VEINS, surgery/ THROMBOPHLEBITIS, surgery/ *THROMBOPHLEBITIS, therapy/ VENA CAVA, INFERIOR, surgery/ WATER-ELECTROLYTE IMBALANCE, therapy

7862. **Ryan CA:** The regulation by carbon dioxide of protein synthesis in tomato leaves. Biochem Biophys Res Commun 77(3):1004–8, 8 Aug 77
*CARBON DIOXIDE, pharmacodynamics/ KINETICS/ LIGHT/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PLANT PROTEINS, biosynthesis/ PLANT PROTEINS, physiology/ PLANTS, drug effects/ *PLANTS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7863. **Ryan FP, Timperley WR, Preston FE, et al:** Cerebral involvement with disseminated intravascular coagulation in intestinal disease. J Clin Pathol 30(6):551–5, Jun 77
ADULT/ AUTOPSY/ CELIAC DISEASE, complications/ *CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ COLITIS, ULCERATIVE, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENTERITIS, REGIONAL, complications/ HEPARIN, therapeutic use/ HUMAN/ *INTESTINAL DISEASES, complications/ MIDDLE AGE

7864. **Ryan GB, Majno G:** Acute inflammation. A review. Am J Pathol 86(1):183–276, Jan 77 (572 ref.)
ACUTE DISEASE/ ANGIONEUROTIC EDEMA, familial & genetic/ ANIMAL/ BLOOD COAGULATION FACTORS, physiology/ BLOOD VESSELS, ultrastructure/ CAPILLARY PERMEABILITY/ CHEMOTAXIS/ CHEMOTAXIS, LEUKOCYTE/ COMPLEMENT, physiology/ ENDOTHELIUM, ultrastructure/ EXUDATES AND TRANSUDATES/ FEVER, etiology/ HISTAMINE LIBERATION/ HUMAN/ INFLAMMATION, etiology/ *INFLAMMATION, pathology/ INFLAMMATION, physiopathology/ KININS, physiology/ LEUKOCYTES, physiology/ LEUKOCYTOSIS, etiology/ LYSOSOMES, metabolism/ MIGRATION INHIBITORY FACTOR/ PEPTIDE HYDROLASES, metabolism/ PHAGOCYTOSIS/ PROSTAGLANDINS, physiology/ REGIONAL BLOOD FLOW/ REVIEW/ SEROTONIN, secretion/ SRS-A, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7865. **Ryan R:** Thrombophlebitis: assessment and prevention. Am J Nurs 76(10):1634–6, Oct 76
BANDAGES/ EXERTION/ HUMAN/ METHODS/ NURSING DIAGNOSIS/ PALPATION/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, nursing/ THROMBOPHLEBITIS, prevention & control

7866. **Ryan TJ:** Urticaria and fibrinolysis. Clin Exp Dermatol 2(2):177–82, Jun 77 (26 ref.)
CAPILLARY PERMEABILITY/ ENDOTHELIUM, metabolism/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRIN, metabolism/ FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS/ HEPARIN, metabolism/ HISTAMINE, metabolism/ HUMAN/ HYALURONIDASE, metabolism/ MAST CELLS, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ REVIEW/ SKIN, injuries/ SKIN, metabolism/ URTICARIA, blood/ *URTICARIA, etiology/ URTICARIA, metabolism

7867. **Rybák M, Petz R, Jaňeček J, et al:** Vliv inhibitoru proteináz (aprotininu) no pruběh experimentálního popáleninového šoku Cas Lek Cesk 115(35):1067–71, 3 Sep 76 (Eng. Abstr.) **(Cze)**
ANIMAL/ *BURNS, drug therapy/ *DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ RATS/ *SHOCK, TRAUMATIC, drug therapy

7868. **Rychnev VE, Litovkina ES, Kurkina VG:** Trombotsitopenicheskiĭ sindrom pri ostroĭ dizentrii Klin Med (Mosk) 55(4):89–92, Apr 77 **(Rus)**
ACUTE DISEASE/ ADULT/ CASE REPORT/ *DYSENTERY, BACILLARY, complications/ FEMALE/ HUMAN/ SYNDROME/ *THROMBOPENIA, etiology

7869. **Rylander R, Andersson K, Belin L, et al:** Studies on humans exposed to airborne sewage sludge. Schweiz Med Wochenschr 107(6):182–4, 12 Feb 77 (Eng. Abstr.)
*AIR POLLUTION/ C-REACTIVE PROTEIN, analysis/ ENGLISH ABSTRACT/ EYE MANIFESTATIONS, etiology/ FEVER, etiology/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HUMAN/ IMMUNOGLOBULINS, analysis/ LEUKOCYTOSIS, etiology/ *OCCUPATIONAL DISEASES, pathology/ *SEWAGE/ SKIN MANIFESTATIONS/ THROMBOCYTOSIS, etiology

7870. **Rymaszewski Z, Berent H, Uchman E, et al:** Ocena miana antystreptokinaz w populacji szpitalnej Pol Tyg Lek 31(37):1601–3, 13Sep 76 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ AGED/ *ANTIBODIES, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ STREPTOKINASE, administration & dosage/ *STREPTOKINASE, immunology/ STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy

7871. **Rynbrandt D:** Nitrogen dioxide and pulmonary proteolytic enzymes. Effect on lung tissue and macrophages. Arch Environ Health 32(4):165–72, Jul–Aug 77
ANIMAL/ CATHEPSIN, metabolism/ CELL COUNT/ DITHIOTHREITOL/ ENZYME ACTIVATION/ HAMSTERS/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ LUNG, anatomy & histology/ *LUNG, enzymology/ LYSOSOMES, enzymology/ MACROPHAGES, enzymology/ MESOCRICETUS/ *NITROGEN DIOXIDE, pharmacodynamics/ ORGAN WEIGHT/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PULMONARY ALVEOLI, cytology/ TRYPSIN INHIBITORS

7872. **Ryo UY, Qazi M, Srikantaswamy S, et al:** Radionuclide venography: correlation with contrast venography. J Nucl Med 18(1):11–7, Jan 77
COMPARATIVE STUDY/ HUMAN/ *LEG, blood supply/ *PHLEBOGRAPHY/ *RADIONUCLIDE IMAGING/ SERUM ALBUMIN, diagnostic use/ TECHNETIUM, diagnostic use/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography

7873. **Ryzhkov SV, Kholodnyĭ AIa, Pleshakov VT, et al:** Kriokonservirovanie eritrotsitov dlia klinicheskogo primeneniia. Probl Gematol Pereliv Krovi (2):19–22, Feb 77 (Eng. Abstr.) **(Rus)**
ANEMIA, therapy/ *BLOOD PRESERVATION, methods/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ HUMAN/ POSTOPERATIVE CARE/ PREOPERATIVE CARE/ REFRIGERATION

7874. **Rzaev NM, Abaskulieva LI, Khanumova TA, et al:** Vliianie aktivatorov i ingibitorov kallikrein-kininovoĭ sistemy na adrenergicheskie reaktsii serdtsa i sosudov Fiziol Zh SSSR 63(3):429–33, Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD PRESSURE, drug effects/ *BRADYKININ, pharmacodynamics/ *CARDIOVASCULAR SYSTEM, drug effects/ DOGS/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FEMALE/ HEART RATE, drug effects/ *KALLIKREIN, pharmacodynamics/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MALE/ *NOREPINEPHRINE, pharmacodynamics/ VENOUS PRESSURE, drug effects

7875. **Rzepecki A, Lewandowska J, Sawicki S:** Wpłym 6% dekstranu 70 na adhezję i agregację krwinek płytkowych Wiad Lek 30(10):783–6, 15 May 77 (Eng. Abstr.) **(Pol)**
ADULT/ *DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION, drug effects

S

7876. **Saari M:** Disciform detachment of the macula. I. Juvenile haemorrhagic macular choroidopathy. Acta Ophthalmol (Kbh) 55(3):525–9, Jun 77
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ASPIRIN, therapeutic use/ CHILD/ CHOROID/ DISSEMINATED INTRAVASCULAR COAGULATION/ FEMALE/ HISTOPLASMOSIS/ HUMAN/ LIGHT COAGULATION/ *MACULA LUTEA/ OPTIC DISK/ *RETINAL DETACHMENT/ RETINAL DETACHMENT, drug therapy/ RETINAL DETACHMENT, surgery/ RETINAL HEMORRHAGE, etiology/ VISUAL ACUITY

7877. **Saari M:** Disciform detachment of the macula. II. Fluorescein and indocyanine green fluorescence angiographic findings in juvenile haemorrhagic macular choroidopathy. Acta Ophthalmol (Kbh) 55(3):530–8, Jun 77
CHOROID/ COMPARATIVE STUDY/ DISSEMINATED INTRAVASCULAR COAGULATION/ *FLUORESCEINS, diagnostic use/ *FLUORESCENCE ANGIOGRAPHY/ *FUNDUS FLUORESCENCE PHOTOGRAPHY/ HISTOPLASMOSIS/ HUMAN/ *INDOCYANINE GREEN, diagnostic use/ *MACULA LUTEA/ OPTIC DISK/ PIGMENT EPITHELIUM OF EYE/ *RETINAL DETACHMENT, diagnosis/ RETINAL HEMORRHAGE

7878. **Sabbah HN, Stein PD:** Effect of erythrocytic deformability upon turbulent blood flow. Biorheology 13(5):309–314, Nov 76
BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ BLOOD, physiology/ ELASTICITY/ *ERYTHROCYTES, cytology/ FLOWMETERS/ HUMAN/ IN VITRO/ MATHEMATICS/ MODELS, BIOLOGICAL/ RHEOLOGY

7879. **Sabeti M, Havlik E, Weidinger P, et al:** Nachweis arterieller Gefässverschlüsse mit 125J-Fibrinogen Acta Med Austriaca 3(5):176–9, 1976 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ ARM, blood supply/ *ARTERIAL OCCLUSIVE DISEASES, diagnosis/ ENGLISH ABSTRACT/ *FIBRINOGEN, diagnostic use/ HUMAN/ *IODINE RADIOISOTOPES, diagnostic use/ LEG, blood supply/ METHODS/ MIDDLE AGE/ *RADIOISOTOPE DILUTION TECHNIC/ THROMBOPHLEBITIS, diagnosis

7880. **Sabeti M, Havlik E, Weidinger P, et al:** Nachweis arterieller Gefässverschlüsse mit 125-J-Fibrinogen. Acta Med Austriaca® [Suppl] (3):223, 1976 **(Ger)**
FIBRINOGEN, metabolism/ HUMAN/ *IODINE RADIOISOTOPES, diagnostic use/ *THROMBOSIS, diagnosis

7881. **Sabiston DC Jr, Wolfe WG, Oldham HN Jr, et al:** Surgical management of chronic pulmonary embolism. Ann Surg 185(6):699–712, Jun 77
ADULT/ CHRONIC DISEASE/ ELECTROCARDIOGRAPHY/ HUMAN/ MIDDLE AGE/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, pathology/ PULMONARY EMBOLISM, radiography/ *PULMONARY EMBOLISM, surgery/ PULMONARY HEART DISEASE, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7882. **Sachatello CR:** Heparin prophylaxis [letter]. JAMA 237(8):768, 21 Feb 77
AGED/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ SEX FACTORS/ *THROMBOPHLEBITIS, prevention & control

7883. **Sack ES, Quiroga E:** The variability of platelet–collagen interaction. Its influence on aspirin–induced inhibition of platelet aggregation. Thromb Haemostas 35(3):658–68, 30 Jun 76
ADOLESCENCE/ ADULT/ ASPIRIN/ *COLLAGEN, pharmacodynamics/ ESTERASES, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION, drug effects/ SALICYLIC ACIDS, blood/ SEX FACTORS/ TIME FACTORS

7884. **Sack GH Jr, Levin J, Bell WR:** Trousseau's syndrome and other manifestations of chronic disseminated coagulopathy in patients with neoplasms: clinical, pathophysiologic, and therapeutic features. Medicine (Baltimore) 56(1):1–37, Jan 77
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS/ BRAIN NEOPLASMS/ BREAST NEOPLASMS, blood/ CASE REPORT/ CHRONIC DISEASE/ COIN LESION, PULMONARY, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ HEPARIN, administration & dosage/ HUMAN/ KIDNEY NEOPLASMS, blood/ LYMPHATIC METASTASIS/ MALE/ MIDDLE AGE/ *NEOPLASMS, blood/ PROSTATIC NEOPLASMS, blood/ PROTHROMBIN TIME/ PULMONARY EMBOLISM, blood/ THROMBOPHLEBITIS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, administration & dosage

7885. **Sadjadpour K:** Hazards of anticoagulation therapy shortly after lumbar puncture [letter]. JAMA 237(16):1692–3, 18Apr 77
*ANTICOAGULANTS, adverse effects/ CASE REPORT/ FEMALE/ *HEMATOMA, EPIDURAL, chemically induced/ HUMAN/ MIDDLE AGE/ *SPINAL PUNCTURE/ SPINAL PUNCTURE, adverse effects/ *SUBARACHNOID HEMORRHAGE, chemically induced

7886. **Sadkov SA, Timofeev GA, Livshii IaG, et al:** Osobennosti sanatsii rolosti pta u deteĭ bol'nykh gemofiliei Stomatologiia (Mosk) 55(3):85–7, May–Jun 76 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ *HEMOPHILIA/ *HEMORRHAGE, ORAL, prevention & control/ HEMOSTATIC TECHNICS/ HUMAN/ *TOOTH EXTRACTION

7887. **Sadoshima S:** [Histochemical and immunohistochemical studies on development and progression of atherosclerosis of cerebral arteries (author's transl)] Fukuoka Acta Med 68(2):45–67, Feb 77 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ *BASILAR ARTERY, analysis/ *CAROTID ARTERY, INTERNAL, analysis/ *CEREBRAL ARTERIES, analysis/ *CEREBRAL ARTERIOSCLEROSIS, metabolism/ CEREBRAL ARTERIOSCLEROSIS, pathology/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIPIDS, analysis/ PREGNANCY

7888. **Saelinger CB, Bonventre PF, Ivins B, et al:** Uptake of diphtheria toxin and its fragment A moiety by mammalian cells in culture. Infect Immun 14(3):742–51, Sep 76
AMMONIUM CHLORIDE, pharmacodynamics/ BINDING SITES/ BIOLOGICAL TRANSPORT/ CELL LINE/ CELL MEMBRANE, metabolism/ CYANIDES, pharmacodynamics/ *DIPHTHERIA TOXIN, metabolism/ FLUORIDES, pharmacodynamics/ GUINEA PIGS/ MACROPHAGES/ MICE, immunology/ PINOCYTOSIS, drug effects/ STRUCTURE–ACTIVITY RELATIONSHIP/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON–N.I.H.

7889. **Safarov FKh, khanaliev NM:** Tuberkulez ikronozhnykh myshts, simulirovavshiĭ tromboflebit glubokikh ven golenei. Probl Tuberk (6):82, Jun 77 **(Rus)**
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *LEG/ LEG, blood supply/ MALE/ *MUSCULAR DISEASES, diagnosis/ *THROMBOPHLEBITIS, diagnosis/ *TUBERCULOSIS, diagnosis

7890. **Sagisaka K, Takahashi K:** On the agglutinogens of red cells developed with proteolytic enzymes and neuraminidase. Tohoku J Exp Med 120(2):169–75, Oct 76
*AGGLUTININS, metabolism/ *ERYTHROCYTES, drug effects/ ERYTHROCYTES, metabolism/ HEMAGGLUTINATION, drug effects/ *HEMAGGLUTININS, metabolism/ HUMAN/ IMMUNE SERUMS/ MNSS BLOOD–GROUP SYSTEM/ NEURAMINIDASE, immunology/ *NEURAMINIDASE, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ *PROTEIN PRECURSORS, metabolism/ TRYPSIN, immunology/ TRYPSIN, pharmacodynamics

7891. **Saha GB, Girschek PK, Farrer PA:** Preparation of 197Hg–labeled fibrinogen. Int J Nucl Med Biol 4(1):92–5, Jan 77
*FIBRINOGEN/ ISOTOPE LABELING/ *MERCURY RADIOISOTOPES

7892. **Saheb SA:** Purification et caractérisation d'une protéase extracellulaire de Staphylococcus aureus inhibée par l'E.D.T.A Biochimie 58(7):793–804, 1976 (Eng. Abstr.) **(Fre)**
AMINO ACIDS, analysis/ CALCIUM, pharmacodynamics/ CHELATING AGENTS, pharmacodynamics/ CHROMATOGRAPHY, DEAE–CELLULOSE/ EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYME INHIBITORS/ ENZYME REACTIVATORS/ METALS, pharmacodynamics/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PROTEIN CONFORMATION, drug effects/ *STAPHYLOCOCCUS AUREUS, enzymology/ STRUCTURE–ACTIVITY RELATIONSHIP

7893. **Sahud MA:** The platelet and coronary artery disease. Ser Haematol 8(3):125–140, 1975 (88 ref.)
ANIMAL/ ARTERIAL OCCLUSIVE DISEASES, blood/ ARTERIAL OCCLUSIVE DISEASES, etiology/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, etiology/ *BLOOD PLATELETS, physiology/ CORONARY DISEASE, blood/ *CORONARY DISEASE, etiology/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ REVIEW

7894. **Sahud MA:** The platelet and coronary artery disease. pp. 125–40.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (88 ref.)
ANIMAL/ *BLOOD PLATELETS/ CORONARY DISEASE, blood/ *CORONARY DISEASE, etiology/ CORONARY DISEASE, pathology/ ENDOTHELIUM, pathology/ HUMAN/ MONOGRAPH/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ REVIEW/ THROMBOSIS, etiology

7895. **Saidbaeva LM:** Gidroliz belka pepsinom i tripsinom pri razlichnom pH Vopr Pitan (4):45–8, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BREAD/ *DIETARY PROTEINS, metabolism/ EGG PROTEINS, metabolism/ ENGLISH ABSTRACT/ FIBRIN, metabolism/ GASTRIC JUICE, metabolism/ GLUTEN, metabolism/ HEMOGLOBINS, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ IN VITRO/ MILK, metabolism/ PANCREATIC JUICE, metabolism/ *PEPSIN, metabolism/ PLASMA, metabolism/ POWDERS/ *TRYPSIN, metabolism

7896. **Saiga H, Kinoshita S:** Changes of chromatin structure induced by acid mucopolysaccharides. Exp Cell Res 102(1):143–52, 1 Oct 76
ACRIDINES, metabolism/ ANIMAL/ BINDING SITES, drug effects/ CHONDROITIN SULFATES, pharmacodynamics/ *CHROMATIN, drug effects/ CHROMATIN, metabolism/ DEOXYRIBONUCLEASE/ DNA/ ETHIDIUM, metabolism/ HEPARIN, pharmacodynamics/ HYALURONIC ACID, pharmacodynamics/ LIVER/ *MUCOPOLYSACCHARIDES, pharmacodynamics/ NUCLEIC ACID DENATURATION/ RATS

7897. **Saihan EM, Warin RP:** Leukocytoclastic vasculitis with Sjögren's syndrome and paraproteinaemia. Br J Dermatol 97 Suppl 15:28–9, Jul 77
CASE REPORT/ FEMALE/ GAMMA GLOBULINS, analysis/ HUMAN/ INFLAMMATION/ LEUKOCYTES/ MIDDLE AGE/ *PARAPROTEINEMIAS, complications/ *PURPURA, complications/ *SJOGREN'S SYNDROME, complications/ *VASCULAR DISEASES, complications

7898. **Saint-Maurice C:** Les complications mortelles des arthroplasties Rev Chir Orthop 61 Suppl 2:47–56, 1975 **(Fre)**
*ARTHROPLASTY, mortality/ CEREBROVASCULAR DISORDERS, etiology/ HEART ARREST, etiology/ HEMORRHAGE, etiology/ HIP JOINT/ HUMAN/ HYPOTENSION, etiology/ *JOINT PROSTHESIS, adverse effects/ METHYLMETHACRYLATE, adverse effects/ PULMONARY EDEMA, etiology/ PULMONARY EMBOLISM, etiology

7899. **Sairam MR, Li CH:** Human pituitary thyrotropin. The primary structure of the alpha and beta subunits. Can J Biochem 55(7):755–60, Jul 77
AMINO ACID SEQUENCE/ ANIMAL/ CATTLE/ CHYMOTRYPSIN/ FSH/ HUMAN/ LH/ MACROMOLECULAR SYSTEMS/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ *THYROTROPIN/ THYROTROPIN, isolation & purification/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7900. **Saito H, Poon M, Goldsmith GH, et al:** Studies on the blood clotting and fibrinolytic system in the plasma from a sei (baleen) whale. Proc Soc Exp Biol Med 152(4):503–7, Sep 76
ANIMAL/ *BLOOD COAGULATION/ *CETACEA, blood/ COMPARATIVE STUDY/ FIBRINOGEN, physiology/ *FIBRINOLYSIS/ HUMAN/ KININOGENS, physiology/ PREKALLIKREIN, physiology/ PROTHROMBIN TIME/ PROTHROMBIN, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WHALES, blood

7901. **Saito H, Goldsmith G, Waldmann R:** Fitzgerald factor (high molecular weight kininogen) clotting activity in human plasma in health and disease in various animal plasmas. Blood 48(6):941–7, Dec 76
ADULT/ AMPHIBIA/ ANIMAL/ ARTHRITIS, RHEUMATOID, blood/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, blood/ CATS/ CATTLE/ CETACEA/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FEMALE/ HAMSTERS/ HUMAN/ KIDNEY FAILURE, CHRONIC, blood/ *KININOGENS, blood/ KININOGENS, deficiency/ LIVER CIRRHOSIS, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ MALE/ MOLECULAR WEIGHT/ NEPHROTIC SYNDROME, blood/ RABBITS/ REPTILES/ SARCOIDOSIS, blood/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7902. **Saito H:** [Mechanism of reversal of the blood pressure by ephedrine. (2)] Folia Pharmacol Jpn 73(1):83–92, Jan 77 (Eng. Abstr.) **(Jpn)**
ANIMAL/ *ANTIHYPERTENSIVE AGENTS/ BLOOD PLATELETS, metabolism/ *BLOOD PRESSURE, drug effects/ DECEREBRATE STATE/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ EPHEDRINE, antagonists & inhibitors/ *EPHEDRINE, pharmacodynamics/ FEMALE/ IPRONIAZID, pharmacodynamics/ ISOMERISM/ LITHIUM, pharmacodynamics/ MALE/ RATS/ RESERPINE, pharmacodynamics/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, metabolism/ SEROTONIN, pharmacodynamics/ TRYPTOPHAN, pharmacodynamics/ TYRAMINE, pharmacodynamics/ VAGOTOMY

7903. **Saito H, Goldsmith GH Jr:** Plasma thromboplastin antecedent (PTA, factor XI): a specific and sensitive radioimmunoassay. Blood 50(3):377–85, Sep 77
ADULT/ ANTIBODY SPECIFICITY/ BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *FACTOR XI DEFICIENCY, blood/ *FACTOR XI, analysis/ FEMALE/ HUMAN/ IMMUNE SERUMS/ KININOGENS/ LIVER CIRRHOSIS, blood/ MALE/ MIDDLE AGE/ PREKALLIKREIN, deficiency/ *RADIOIMMUNOASSAY, methods/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, therapeutic use

7904. **Saito H:** Purification of high molecular weight kininogen and the role of this agent in blood coagulation. J Clin Invest 60(3):584–94, Sep 77
*BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ ELLAGIC ACID, pharmacodynamics/ FACTOR XI, metabolism/ FACTOR XII, pharmacodynamics/ HUMAN/ IN VITRO/ KALLIKREIN, pharmacodynamics/ KININOGENS, isolation & purification/ *KININOGENS, physiology/ METHODS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7905. **Saito Y, Matsuoka N, Okuda H, et al:** Further studies on the mechanism of adrenaline-induced lipolysis in lipid micelles. J Biochem (Tokyo) 80(5):929–34, Nov 76
ADIPOSE TISSUE, metabolism/ ANIMAL/ *COLLOIDS, metabolism/ *EPINEPHRINE, pharmacodynamics/ KIDNEY, metabolism/ LIPASE, metabolism/ *LIPIDS, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ *MICELLES, metabolism/ PANCREAS, metabolism/ PHOSPHOLIPASE, pharmacodynamics/ RATS/ TRITONS, pharmacodynamics/ TRYPSIN, pharmacodynamics

7906. **Saito Y:** [Spontaneous intracerebral hematomas--in relation to small angiomatous malformations (author's transl)] Neurol Surg (Tokyo) 5(2):103–12, Feb 77 **(Jpn)**
ADOLESCENCE/ ADULT/ AGED/ BRAIN NEOPLASMS, pathology/ CASE REPORT/ *CEREBRAL ARTERIOVENOUS MALFORMATIONS, complications/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, radiography/ *CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, radiography/ CHILD/ FEMALE/ HEMANGIOMA, pathology/ *HEMATOMA, etiology/ HEMATOMA, radiography/ HUMAN/ MALE/ MICROCIRCULATION/ MIDDLE AGE

7907. **Sakai DN, Amstutz HC:** Prevention of thromboembolic phenomena. Clin Orthop (121):108–12, Nov–Dec 76
ARTHROPLASTY/ FEMALE/ HEMATOMA, prevention & control/ *HIP JOINT, surgery/ HUMAN/ JOINT PROSTHESIS/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, diagnosis/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE/

PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, prevention & control/ RISK/ WARFARIN, administration & dosage/ *WARFARIN, therapeutic use

7908. **Sakai T, Yamanaka H, Tanaka R, et al:** Stimulation of cyclic nucleotide phosphodiesterases from rat brain by activator protein, proteolytic enzymes and a vitamin E derivative. Biochim Biophys Acta 483(1):121–34, 8 Jul 77
ANIMAL/ *BRAIN, enzymology/ CALCIUM, pharmacodynamics/ *CARRIER PROTEINS, pharmacodynamics/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ENZYME ACTIVATION/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ KINETICS/ MALE/ MOLECULAR WEIGHT/ *NERVE TISSUE PROTEINS, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ *PHOSPHODIESTERASES, metabolism/ RATS/ *TRYPSIN, pharmacodynamics/ *VITAMIN E, pharmacodynamics/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, isolation & purification/ *3',5'-CYCLIC AMP PHOSPHODIESTERASE, metabolism

7909. **Sakakibara F, Takayanagi G, Kawauchi H, et al:** An anti-A-like lectin of Rana catesbiana eggs showing unusual reactivity. Biochim Biophys Acta 444(2):386–95, 24 Sep 76
ACETYLGALACTOSAMINE, pharmacodynamics/ AGGLUTINATION/ ANIMAL/ ANTIBODY SPECIFICITY/ *ABO BLOOD-GROUP SYSTEM/ ERYTHROCYTES, immunology/ FUCOSIDASE, pharmacodynamics/ GALACTOSAMINIDASE, pharmacodynamics/ GLYCOLIPIDS, pharmacodynamics/ GLYCOPROTEINS, pharmacodynamics/ HUMAN/ MOLECULAR WEIGHT/ MONOSACCHARIDES, pharmacodynamics/ NEURAMINIDASE, pharmacodynamics/ OLIGOSACCHARIDES, pharmacodynamics/ *OVUM, immunology/ *PLANT AGGLUTININS, metabolism/ RANA CATESBEIANA/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7910. **Sakharchuk II, Denisenko GT, Adil'shina ShK:** Sostoianie sistemy gemokoaguliatsii i vyrazhennost' koronarnogo ateroskleroza pri legochno-serdechnoĭ nedostatochnosti Ter Arkh 49(3):95–9, 1977 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ CHRONIC DISEASE/ *CORONARY CIRCULATION/ ENGLISH ABSTRACT/ HEART FAILURE, CONGESTIVE, etiology/ *HEART FAILURE, CONGESTIVE, physiopathology/ HUMAN/ *PNEUMONIA, complications/ RESPIRATORY INSUFFICIENCY, etiology/ *RESPIRATORY INSUFFICIENCY, physiopathology

7911. **Sakharov RS, Rassulin IuA, Krest'ianova IN, et al:** Primenenie fermentnogo kompleksa Actinomyces 771 dlia obnaruzheniia antitel i antigenov razlichnykh neserologicheskikh sistem Probl Gematol Pereliv Krovi 21(9):47–9, 1976 **(Rus)**
*ACTINOMYCES, enzymology/ *BLOOD GROUPS/ COMPARATIVE STUDY/ EVALUATION STUDIES/ HEMAGGLUTINATION TESTS/ HUMAN/ *ISOANTIBODIES, isolation & purification/ *ISOANTIGENS, isolation & purification/ *PEPTIDE HYDROLASES, diagnostic use

7912. **Sakharov IuK:** Faktory svertyvaniia v krovi i sliune pri éksperimental'no vosproizvedennom ostrom vospalenii okoloushnoĭ sliunnoĭ zhelezy Stomatologiia (Mosk) 56(1):20–2, Jan–Feb 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ANIMAL/ *BLOOD COAGULATION FACTORS, analysis/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ MALE/ PAROTITIS, chemically induced/ *PAROTITIS, metabolism/ *SALIVA, analysis/ TURPENTINE

7913. **Sakiyama T, Suzuki H, Nishiya O, et al:** [Nephrotic syndrome associated with primary hypoplasia of the thymus gland. A case study with special reference to cerebral thrombosis caused by blood hypercoagulation during steroid therapy] Jpn J Nephrol 17(9):837–47, Sep 75 (Eng. Abstr.) **(Jpn)**
*ADRENAL CORTEX HORMONES, adverse effects/ *BLOOD COAGULATION DISORDERS, chemically induced/ CASE REPORT/ *CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ ENGLISH ABSTRACT/ HUMAN/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ INFANT/ MALE/ *NEPHROTIC SYNDROME, complications/ *THYMUS GLAND, abnormalities

7914. **Saklatvala J:** Hydrolysis of the elastase substrate succinyltrialanine nitroanilide by a metal-dependent enzyme in rheumatoid synovial fluid. J Clin Invest 59(5):794–801, May 77
ADULT/ AGED/ ALANINE/ *ARTHRITIS, RHEUMATOID, enzymology/ CHROMATOGRAPHY, GEL/ EDTA, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IODOACETAMIDE, pharmacodynamics/ KNEE JOINT/ MIDDLE AGE/ OLIGOPEPTIDES/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PHENANTHROLINES, pharmacodynamics/ *SYNOVIAL FLUID, enzymology

7915. **Saksela E, Imir T, Mäkelä O:** Spontaneous, augmentable cell-mediated cytotoxicity with limited target cell specificity in human blood. Eur J Immunol 7(3):126–30, Mar 77
*ANTIGENIC DETERMINANTS/ CELL ADHESION/ CELL LINE/ CHICKENS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ HUMAN/ *IMMUNITY, CELLULAR/ LECITHINASE, pharmacodynamics/ LEUKOCYTES/ TIME FACTORS/ TRYPSIN, pharmacodynamics

7916. **Saksena FB, Kroll G, de Boer A:** Massive left atrial thrombus: a case report. Cardiology 61(4):298–302, 1976
ADULT/ *AORTIC VALVE INSUFFICIENCY, complications/ AORTIC VALVE INSUFFICIENCY, diagnosis/ BLOOD PRESSURE/ CARDIAC OUTPUT/ CASE REPORT/ *HEART ATRIUM/ HUMAN/ MALE/ *MITRAL VALVE INSUFFICIENCY, complications/ MITRAL VALVE INSUFFICIENCY, diagnosis/ *THROMBOSIS/ THROMBOSIS, complications/ THROMBOSIS, diagnosis

7917. **Sakulsky SB, Schirger A, Harrison EG, et al:** Lymphedema: results of surgical treatment in 64 patients (1936–1964). Lymphology 10(1):15–26, Mar 77
ADULT/ ARM/ FEMALE/ FOLLOW-UP STUDIES/ HEMATOMA/ HUMAN/ LEG/ LYMPHEDEMA, pathology/ *LYMPHEDEMA, surgery/ MALE/ METHODS/ NECROSIS/ POSTOPERATIVE COMPLICATIONS/ SURGICAL WOUND INFECTION

7918. **Sakura JD, Rupley JA:** Guanidination of horse methemoglobin. Arch Biochem Biophys 179(1):322–7, Feb 77
ANIMAL/ BINDING SITES/ CHYMOTRYPSIN/ *GUANIDINES/ HEMOGLOBINS/ HORSES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *METHEMOGLOBIN/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7919. **Sakuragawa N, Takahashi K, Hoshiyama M, et al:** Characteristics and thrombogenicity of prothrombin complex concentrates. Thromb Res 10(2):315–8, Feb 77
BLOOD COAGULATION FACTORS, metabolism/ *CHRISTMAS DISEASE, therapy/ HUMAN/ *PROTHROMBIN, therapeutic use/ THROMBIN, metabolism

7920. **Sakuragawa N, Ashizawa T, Takahashi K, et al:** [Antithrombin assay method using synthetic chromogenic substrate: basic studies and its clinical use (author's transl)] Jpn J Clin Pathol 25(2):167–71, Feb 77 **(Jpn)**
ANILIDES, diagnostic use/ *ANTITHROMBINS, blood/ HUMAN/ *OLIGOPEPTIDES, diagnostic use

7921. **Sakuragawa N, Takahashi K, Hoshiyama M, et al:** The extract from the tissue of gastric cancer as procoagulant in disseminated intravascular coagulation syndrome.

Thromb Res 10(3):457–63, Mar 77
*ADENOCARCINOMA, analysis/ ADULT/ AGED/ ANIMAL/ *BLOOD COAGULATION, drug effects/ *CARCINOMA, analysis/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN, pharmacodynamics/ RABBITS/ *STOMACH NEOPLASMS, analysis/ THROMBIN, pharmacodynamics/ THROMBOPLASTIN, pharmacodynamics

7922. **Sakuragawa N, Takahashi K, Hoshiyama M, et al:** [Significance of the inhibitors in disseminated intravascular coagulation syndrome and relationship among antithrombin III, platelet factor 4 and heparin (author's transl)] Acta Haematol Jpn 40(2):218–26, Apr 77 (Eng. Abstr.) **(Jpn)**
ADULT/ *ANTITHROMBINS, analysis/ *BLOOD COAGULATION FACTORS, analysis/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, analysis/ HUMAN/ *PLATELET FACTOR 4, analysis/ RABBITS

7923. **Salahovic S, Grgicevic D, Pistotnik M, et al:** Utjecaj oralnih kontraceptiva na zgrušavanje krvi Lijec Vjesn 98(4):177–80, Apr 76 (Eng. Abstr.) **(Cro)**
*BLOOD COAGULATION, drug effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PLATELET AGGREGATION, drug effects

7924. **Saleem A, Fretz K:** An improved procedure for quantitation of platelet factor 4. Am J Clin Pathol 67(6):533–6, Jun 77
*BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION TESTS, methods/ EVALUATION STUDIES/ HEPARIN/ HUMAN/ INDICATORS AND REAGENTS/ *PLATELET FACTOR 4, analysis/ SONICATION/ *THROMBIN

7925. **Salfner B, Göbel U, Kokemohr H, et al:** Zur Problematik des Konduktorinnen-Nachweises bei der Hämophilie A:Fehlermöglichkeiten bei der Bestimmung des Faktor VIII-assoziierten Antigens Blut 34(4):271–80, Apr 77 (Eng. Abstr.) **(Ger)**
ANTIGENIC DETERMINANTS/ ANTIGENS, analysis/ DIAGNOSTIC ERRORS/ ENGLISH ABSTRACT/ FACTOR VIII/ FEMALE/ *HEMOPHILIA, diagnosis/ *HETEROZYGOTE/ HUMAN/ TIME FACTORS/ TISSUE PRESERVATION

7926. **Salfner B:** Primäre Defektimmunopathien Internist (Berlin) 18(5):248–54, May 77 **(Ger)**
AGAMMAGLOBULINEMIA, diagnosis/ ALDRICH SYNDROME, diagnosis/ ATAXIA TELANGIECTASIA, diagnosis/ B-LYMPHOCYTES/ BACTERIAL INFECTIONS, complications/ CHILD, PRESCHOOL/ DIGEORGE SYNDROME, diagnosis/ HUMAN/ IGA/ IGG/ IGM/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, diagnosis/ IMMUNOLOGIC DEFICIENCY SYNDROMES, drug therapy/ INFANT/ MONILIASIS, CUTANEOUS, diagnosis/ MONILIASIS, ORAL, diagnosis/ RECURRENCE/ SYNDROME

7927. **Salienko ZN:** Koahuliatsiini vlastyvosti krovi pry dii diadynamichkykh strumiv Fiziol Zh 23(2):255–8, 1977 **(Ukr)**
ANIMAL/ *BLOOD COAGULATION/ DOGS/ *ELECTRIC STIMULATION

7928. **Salimi A, Oliver GC Jr, Lee J, et al:** Continued incorporation of circulating radiolabeled fibrinogen into preformed coronary artery thrombi. Circulation 56(2):213–7, Aug 77
ALBUMINS, metabolism/ ANIMAL/ CORONARY DISEASE, etiology/ *CORONARY DISEASE, metabolism/ DOGS/ ELECTRICITY/ *FIBRINOGEN, metabolism/ IODINE RADIOISOTOPES/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7929. **Sallmann HP, Harisch G, Schole J:** Uber den Einfluss kohlenhydratarmer Diäten auf die Arteriosklerose des Huhnes im Langzeitversuch
Zentralbl Veterinaermed [A] 23(8):635–44, Oct 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ *ARTERIOSCLEROSIS, etiology/ CHICKENS/ *DIET, ATHEROGENIC/ *DIETARY CARBOHYDRATES, adverse effects/ ENGLISH ABSTRACT

7930. **Salman SJ, Salman L, Salman RA:** Thrombocytopenic purpura secondary to quinidine hypersensitivity. Oral Surg 44(1):45–8, Jul 77
AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ CASE REPORT/ *DRUG HYPERSENSITIVITY, complications/ *HEMORRHAGE, ORAL, chemically induced/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC, chemically induced/ *QUINIDINE, adverse effects

7931. **Salomon NW, Stinson EB, Griepp RB, et al:** Surgical treatment of degenerative mitral regurgitation. Am J Cardiol 38(4):463–8, Oct 76
ADOLESCENCE/ ADULT/ AGED/ ANIMAL/ CHILD/ *HEART NEOPLASMS, complications/ HEART VALVE PROSTHESIS, adverse effects/ HEMODYNAMICS/ HUMAN/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, mortality/ *MITRAL VALVE INSUFFICIENCY, surgery/ MITRAL VALVE INSUFFICIENCY, pathology/ MITRAL VALVE, pathology/ MITRAL VALVE, surgery/ MITRAL VALVE, transplantation/ *MYXOMA, complications/ PROGNOSIS/ SWINE/ THROMBOEMBOLISM, mortality/ TRANSPLANTATION, ALLOGENEIC/ TRANSPLANTATION, HETEROLOGOUS

7932. **Salomon NW, Stinson EB, Griepp RB, et al:** Mitral valve replacement: long-term evaluation of prosthesis-related mortality and morbidity. Circulation 56(3 Pt 2 Suppl):II94–101, Sep 77
ADULT/ ANIMAL/ AORTIC VALVE, transplantation/ COMPARATIVE STUDY/ *HEART VALVE PROSTHESIS, mortality/ HUMAN/ MIDDLE AGE/ *MITRAL VALVE/ MITRAL VALVE, transplantation/ POSTOPERATIVE COMPLICATIONS, mortality/ SWINE/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, mortality/ TIME FACTORS/ TRANSPLANTATION, ALLOGENEIC/ TRANSPLANTATION, HETEROLOGOUS

7933. **Saltman R, Vlach D, Luisi PL:** Co-oligopeptides of aromatic amino acids and glycine with variable distance between the aromatic residues. VII. Enzymatic synthesis of N-protected peptide amides. Biopolymers 16(3):631–8, Mar 77
AMIDES/ CHEMISTRY, PHYSICAL/ CHYMOTRYPSIN/ *GLYCINE/ *OLIGOPEPTIDES, chemical synthesis/ *PHENYLALANINE/ *TRYPTOPHAN/ *TYROSINE

7934. **Salvati EA, Lachiewicz P:** Thromboembolism following total hip-replacement arthroplasty. The efficicy of dextran-aspirin and dextran-warfarin in prophylaxis. J Bone Joint Surg [Am] 58(7):921–5, Oct 76
*ARTHROPLASTY/ *ASPIRIN, therapeutic use/ *DEXTRAN, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, prevention & control/ RISK/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control/ *WARFARIN, therapeutic use

7935. **Salway JG, Walker GS:** Hypertransaminasaemia with heparin treatment: effect of regular haemodialysis. Br Med J 2(6041):919–20, 16 Oct 76
*ALANINE AMINOTRANSFERASE, blood/ *HEMODIALYSIS/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN

7936. **Salyers AA, Vercellotti JR, West SE, et al:** Fermentation of mucin and plant polysaccharides by strains of Bacteroides from the human colon.

Appl Environ Microbiol 33(2):319–22, Feb 77
BACTEROIDES, analysis/ *BACTEROIDES, metabolism/ CHONDROITIN, metabolism/ *COLON, microbiology/ DNA, BACTERIAL, analysis/ FERMENTATION/ FUCOSE, metabolism/ HEPARIN, metabolism/ HUMAN/ HYALURONIC ACID, metabolism/ MONOSACCHARIDES, metabolism/ *MUCIN, metabolism/ NUCLEIC ACID CONFORMATION/ OVOMUCIN, metabolism/ PLANTS/ *POLYSACCHARIDES, metabolism/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7937. **Salzman EW:** Venous thrombosis (editorial). West J Med 125(3):220–2, Sep 76
HUMAN/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control

7938. **Salzman EW:** Prostaglandins and platelet function. Adv Prostaglandin Thromboxane Res 2:767–80, 1976 (66 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, physiology/ CALCIUM, physiology/ CENTRIFUGATION/ CHROMATOGRAPHY, GEL/ COLCHICINE, pharmacodynamics/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HUMAN/ MODELS, BIOLOGICAL/ PEROXIDES/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ *PROSTAGLANDINS, blood/ PROSTAGLANDINS, physiology/ PROTEIN KINASE, metabolism/ REVIEW/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7939. **Salzman EW, Deykin D, Shapiro RM, et al:** Control of heparin therapy. pp. 201–9.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
ADOLESCENCE/ ADULT/ AGED/ DRUG ADMINISTRATION SCHEDULE/ FEMALE/ HEMORRHAGE, chemically induced/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ MONOGRAPH/ PROTHROMBIN, metabolism/ *PULMONARY EMBOLISM, prevention & control/ THROMBOPLASTIN, metabolism/ WARFARIN, therapeutic use

7940. **Salzman EW:** Some basic mechanisms in platelet physiology. Ser Haematol 8(3):38–49, 1975 (62 ref.)
ANIMAL/ *BLOOD PLATELETS, physiology/ HEMOSTASIS/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7941. **Salzman EW, Harris WH:** Prevention of venous thromboembolism in orthopaedic patients. J Bone Joint Surg [Am] 58(7):903–13, Oct 76
ADOLESCENCE/ ADULT/ AGED/ ANTITHROMBINS, adverse effects/ ANTITHROMBINS, therapeutic use/ BOSTON/ CHILD/ DEXTRAN, therapeutic use/ FIBRINOGEN, metabolism/ FRACTURES, surgery/ HEMORRHAGE, chemically induced/ HEPARIN, therapeutic use/ HIP JOINT, surgery/ HUMAN/ MIDDLE AGE/ *ORTHOPEDICS/ PHLEBOGRAPHY/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, diagnosis/ THROMBOEMBOLISM, occurrence/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, occurrence/ THROMBOPHLEBITIS, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7942. **Salzman EW:** Blood platelets: their behavior with respect to extracorporeal membrane oxygenation. pp. 105–21.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (68 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELET DISORDERS, etiology/ *BLOOD PLATELETS, physiology/ COLLAGEN, analysis/ CONTRACTILE PROTEINS, physiology/ EMBOLISM, etiology/ HEPARIN, pharmacodynamics/ HUMAN/ MONOGRAPH/ *OXYGENATORS, MEMBRANE/ OXYGENATORS, MEMBRANE, adverse effects/ *PLATELET ADHESIVENESS/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, biosynthesis/ REVIEW/ THROMBOSIS, etiology/ THROMBOSIS, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7943. **Salzman EW:** Some basic mechanisms in platelet physiology. pp. 38–49.
In: Jensen KG, Killmann S, ed. Antiplatelet drugs and thrombosis. Copenhagen, Munksgaard, 1976. W1 SE718 v.8 no.3 1975. (62 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ COLLAGEN/ DEPRESSION, CHEMICAL/ FIBRINOGEN, metabolism/ HUMAN/ MONOGRAPH/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7944. **Salzman EW:** Physical methods for prevention of venous thromboembolism [editorial]. Surgery 81(2):123–4, Feb 77
*CONSTRICTION, methods/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

7945. **Salzman EW:** Interrelation of prostaglandin endoperoxide (prostaglandin G2) and cyclic 3',5'–adenosine monophosphate in human blood platelets. Biochim Biophys Acta 499(1):48–60, 25 Aug 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analogs & derivatives/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADENOSINE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ INDOMETHACIN, pharmacodynamics/ KINETICS/ *PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics/ SEROTONIN, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7946. **Salzmann G:** Kardiale Uberlebenszeit unter Carbocromen-Wirkung. Untersuchungen und Ergebnisse Fortschr Med 95(7):453–6, 17 Feb 77 (Eng. Abstr.) **(Ger)**
ACTION POTENTIALS, drug effects/ ANIMAL/ ASPHYXIA, drug therapy/ ASPHYXIA, physiopathology/ *CHROMONAR, pharmacodynamics/ CHROMONAR, therapeutic use/ CORONARY CIRCULATION, drug effects/ *COUMARINS, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ HEART RATE, drug effects/ *HEART, drug effects/ OXYGEN CONSUMPTION, drug effects/ RABBITS/ RATS

7947. **Salzmann G, Schramm W, Feifel G:** Der Hämophile als chirurgischer Patient. Munch Med Wochenschr 119(20):677–84, 20 May 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ ANALGESICS AND ANTIPYRETICS, administration & dosage/ BLOOD TRANSFUSION/ CASE REPORT/ CHRISTMAS DISEASE/ DRUG

INTERACTIONS/ ENGLISH ABSTRACT/ FACTOR IX, administration & dosage/ FACTOR VII, administration & dosage/ HEMOPHILIA, blood/ *HEMOPHILIA, complications/ HEMOSTASIS, SURGICAL/ HUMAN/ MALE/ MIDDLE AGE/ PLASMA/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ *SURGERY, OPERATIVE

7948. **Salzmann P, Ehresmann U, Adler U:** Ruscus aculeatus L.--der Mäusedorn ein Therapeutikum in der Proktologie. Fortschr Med 95(21):1419–22, 2 Jun 77 **(Ger)**
ADULT/ ANTI-INFLAMMATORY AGENTS, TOPICAL, therapeutic use/ COMPARATIVE STUDY/ FEMALE/ *HEMORRHOIDS, drug therapy/ HEMORRHOIDS, surgery/ HEMOSTATICS, therapeutic use/ HUMAN/ MALE/ *PLANT EXTRACTS, therapeutic use/ PLANTS, MEDICINAL

7949. **Samama M:** Oral fibrinolytic therapy. General review. Folia Haematol (Leipz) 103(3):363–71, 1976 (40 ref.)
ADMINISTRATION, ORAL/ CLOFIBRATE, administration & dosage/ CORTICOTROPIN, administration & dosage/ EPINEPHRINE, administration & dosage/ FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS, administration & dosage/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ HYPOGLYCEMIC AGENTS, administration & dosage/ REVIEW/ TESTOSTERONE, administration & dosage/ THROMBOSIS, prevention & control/ VASOPRESSIN, administration & dosage

7950. **Samama M, Kher A:** Mécanismes de la thrombose veineuse. Déductions thérapeutiques sur la prophylaxie Rev Prat 27(21):1283–8, 11 Apr 77 (17 ref.) (Eng. Abstr.) **(Fre)**
BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ ENDOTHELIUM, physiopathology/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ REVIEW/ *THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, physiopathology/ VEINS, physiopathology

7951. **Samarrae WA, Truswell AS:** Short-term effect of coffee on blood fibrinolytic activity in healthy adults. Atherosclerosis 26(2):255–60, Feb 77
ADULT/ BLOOD COAGULATION TESTS/ *CAFFEINE, pharmacodynamics/ *COFFEE/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MIDDLE AGE

7952. **Samellas W, Morphis LG, Bakopoulos CV:** Hemangioma of the kidney. J Urol 116(5):653, Nov 76
CASE REPORT/ HEMANGIOMA, pathology/ *HEMANGIOMA, CAVERNOUS, radiography/ HEMANGIOMA, CAVERNOUS, surgery/ HEMATURIA, radiography/ HUMAN/ INFANT/ KIDNEY NEOPLASMS, pathology/ *KIDNEY NEOPLASMS, radiography/ KIDNEY NEOPLASMS, surgery/ KIDNEY, pathology/ MALE/ NEPHRECTOMY

7953. **Samoĭlova ZT, Khaliutina LV, Bulatova ER:** Vliianie geparina na razvitie nefrotoksicheskogo glomerulonefrita u krys. Patol Fiziol Eksp Ter (3):63–6, May–Jun 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ ENGLISH ABSTRACT/ *GLOMERULONEPHRITIS, drug therapy/ *HEPARIN, therapeutic use/ IMMUNE SERUMS, pharmacodynamics/ KIDNEY, immunology/ MALE/ RATS

7954. **Sampaio CA, Prado ES:** Active-site labelling of kallikreins by chloromethylketone derivatives. Gen Pharmacol 7(2–3):163–6, Aug 76
BENZAMIDINES, pharmacodynamics/ *BINDING SITES, drug effects/ HORSES/ KALLIKREIN, blood/ *KALLIKREIN, pharmacodynamics/ *KETONES, pharmacodynamics/ KINETICS/ PEPTIDE HYDROLASES, antagonists & inhibitors

7955. **Sampaio CA, Nuñes ST, da Graça M, et al:** Inactivation of kinins by chymotrypsin. Biochem Pharmacol 25(21):2391–4, 1 Nov 76
BRADYKININ, antagonists & inhibitors/ CARBOXYPEPTIDASES, antagonists & inhibitors/ *CHYMOTRYPSIN, pharmacodynamics/ HYDROLYSIS/ KALLIDIN, antagonists & inhibitors/ KINETICS/ *KININS, antagonists & inhibitors/ PHENANTHROLINES, pharmacodynamics

7956. **Sampaio CA, Saad AD, Grisolia D:** Hydrolysis of histones by horse urinary kallikreins. Experientia 33(3):292–4, 15 Mar 77
ANIMAL/ *HISTONES, metabolism/ HORSES/ HYDROLYSIS/ *KALLIKREIN/ KALLIKREIN, urine/ KINETICS

7957. **Sampaio MU, Galembeck F, Paiva AC, et al:** Kinetics of the hydrolysis of synthetic substrates by horse urinary kallikrein and trypsin. Gen Pharmacol 7(2–3):167–71, Aug 76
AMINO ACIDS, analysis/ BRADYKININ/ ESTERS/ HORSES/ HYDROLYSIS/ *KALLIKREIN, urine/ KINETICS/ PEPTIDE CHAIN TERMINATION/ PEPTIDES/ *TRYPSIN, metabolism

7958. **Samsonov MA, Andreenko GV, Paramonova EG, et al:** Vliianie protivoateroskleroticheskoĭ diety s vysokim soderzhaniem belka na fibrinoliz u bol'nykh ishemicheskoĭ bolezn'iu serdtsa Vopr Pitan (5):34–9, Sep–Oct 76 (Eng. Abstr.) **(Rus)**
ADULT/ CORONARY DISEASE, blood/ *CORONARY DISEASE, diet therapy/ *DIETARY PROTEINS, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HUMAN/ LIPIDS, blood/ MALE/ MIDDLE AGE

7959. **Samsonov MA:** Osobennosti readaptivnykh mekhanizmov, voznikaiushchikh v protsesse dieticheskoĭ terapii Vopr Pitan (6):14–21, Nov–Dec 76 (Eng. Abstr.) **(Rus)**
ADAPTATION, PHYSIOLOGICAL/ AUTOANTIBODIES, analysis/ BLOOD COAGULATION/ CORONARY DISEASE, blood/ *CORONARY DISEASE, diet therapy/ ENGLISH ABSTRACT/ HUMAN/ *KIDNEY FAILURE, CHRONIC, diet therapy/ LIPIDS, blood/ MALE/ MYOCARDIUM, immunology/ NEPHROTIC SYNDROME, blood/ *NEPHROTIC SYNDROME, diet therapy/ PROTEINURIA/ *RHEUMATIC HEART DISEASE, diet therapy/ UREA, blood

7960. **Samuel T, Crewe PR, Kolk AH, et al:** Cross-reaction of antibodies present in sera of vasectomized mice with human swollen spermheads. Clin Exp Immunol 25(1):80–4, Jul 76
ANIMAL/ *ANTIBODIES/ AUTOANTIBODIES/ CATTLE/ CROSS REACTIONS/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ MALE/ MICE/ MICE, INBRED CBA/ PROTAMINES, immunology/ SPERM HEAD, immunology/ *SPERMATOZOA, immunology/ STERILITY, MALE, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VASECTOMY

7961. **Samuelsson B, Hamberg M, Malmsten C, et al:** The role of prostaglandin endoperoxides and thromboxanes in platelet aggregation.
Adv Prostaglandin Thromboxane Res 2:737–46, 1976
ADENOSINE DIPHOSPHATE, metabolism/ ARACHIDONIC ACIDS, metabolism/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ HYDROXY ACIDS, metabolism/ *HYDROXY ACIDS, pharmacodynamics/ MODELS, BIOLOGICAL/ OXYGENASES, deficiency/ OXYGENASES, metabolism/ *PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, metabolism/ *PROSTAGLANDINS, pharmacodynamics/ PYRANS, metabolism/ *PYRANS, pharmacodynamics/ SEROTONIN, metabolism

7962. **Samuelsson B:** Introduction: new trends in prostaglandin research. Adv Prostaglandin Thromboxane Res 1:1–6, 1976 (26 ref.)
*BLOOD PLATELETS, metabolism/ HYDROXY ACIDS, blood/ OXYGENASES, deficiency/ PEROXIDES, blood/ *PROSTAGLANDINS/ PROSTAGLANDINS, blood/ PYRANS, blood/ REVIEW

7963. **Sanchez M, Zerubavel R, Webber M, et al:** Correlation of endothelial damage with fibrinogen 125I accumulation in arteries. Surg Forum 27(62):210–2, 1976
ANIMAL/ *ARTERIES, drug effects/ ARTERIES,

pathology/ CAROTID ARTERIES, ultrastructure/ DOGS/ ENDOTHELIUM, drug effects/ *ENDOTHELIUM, pathology/ *FIBRINOGEN, metabolism/ MICROSCOPY, ELECTRON, SCANNING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7964. **Sánchez Yus E, Iglesias Díez L:** Etiopathogenia de las microangeítis necrosantes (angeítis leucocitoclásticas) Allergol Immunopathol (Madr) 4(4):269–78, Jul–Aug 76 (Eng. Abstr.) **(Spa)**
ANTIGENS, BACTERIAL, analysis/ DRUG HYPERSENSITIVITY, complications/ ENGLISH ABSTRACT/ FOOD HYPERSENSITIVITY, complications/ HUMAN/ *PERIARTERITIS NODOSA, etiology/ PERIARTERITIS NODOSA, immunology/ PERIARTERITIS NODOSA, microbiology/ SHWARTZMAN PHENOMENON, complications

7965. **Sanchis Closa A, Arago López JV, Caballeria Rovira E:** Hematoma hepático subcapsular gigante
Rev Esp Enferm Apar Dig 48(6):739–54, Dec 76 **(Spa)**
CASE REPORT/ FEMALE/ *HEMATOMA, diagnosis/ HUMAN/ *LIVER DISEASES, diagnosis/ MIDDLE AGE/ RADIONUCLIDE IMAGING

7966. **Sandberg LB, Gray WR, Foster JA, et al:** Primary structure of porcine tropoelastin. Adv Exp Med Biol 79:277–84, 1977
ALANINE/ AMINO ACID SEQUENCE/ ANIMAL/ *ELASTIN/ ELASTIN, analogs & derivatives/ MOLECULAR WEIGHT/ OLIGOPEPTIDES/ PEPTIDES, analysis/ SWINE/ *TROPOELASTIN/ TRYPSIN/ TYROSINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7967. **Sandblom P, Mirkovitch V, Saegesser F:** Formation and fate of fibrin clots in the biliary tract: a clinical and experimental study. Ann Surg 185(3):356–66, Mar 77
*BILIARY TRACT DISEASES, physiopathology/ BILIARY TRACT DISEASES, radiography/ BILIARY TRACT, physiopathology/ *BLOOD COAGULATION/ CASE REPORT/ CHOLANGIOGRAPHY/ CHOLECYSTECTOMY/ CHOLELITHIASIS, radiography/ CHOLESTASIS, radiography/ COMMON BILE DUCT CALCULI, surgery/ DIAGNOSTIC ERRORS/ FEMALE/ *FIBRIN, physiology/ FIBRINOLYSIS/ *HEMORRHAGE, physiopathology/ HEMORRHAGE, radiography/ HEMORRHAGE, GASTROINTESTINAL, radiography/ HUMAN/ JAUNDICE, OBSTRUCTIVE, radiography/ MALE/ MODELS, BIOLOGICAL/ POSTOPERATIVE COMPLICATIONS, radiography

7968. **Sandblom P, Mirkovitch V:** Hemobilia: some salient features and their causes. Surg Clin North Am 57(2):397–408, Apr 77 (16 ref.)
ANIMAL/ *BILE DUCTS, pathology/ BILE/ BILIARY TRACT DISEASES, etiology/ BILIARY TRACT DISEASES, pathology/ BLOOD COAGULATION/ CHOLANGIOGRAPHY/ DOGS/ FEMALE/ HEMORRHAGE, etiology/ *HEMORRHAGE, pathology/ HUMAN/ LIVER ABSCESS, etiology/ *LIVER, injuries/ LIVER, pathology/ LIVER, surgery/ MALE/ RECURRENCE/ REVIEW/ WOUND HEALING

7969. **Sande MA:** Antibiotic therapy of experimental endocarditis. pp. 101–21.
In: Duma RJ, ed. Infections of prosthetic heart values and vascular grafts. Baltimore, Univ Park Press, 1977. WG 168 I43 1976. (26 ref.)
ANIMAL/ *ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ BLOOD BACTERICIDAL ACTIVITY/ COMPARATIVE STUDY/ DISEASE MODELS, ANIMAL/ DRUG RESISTANCE, MICROBIAL/ DRUG SYNERGISM/ DRUG THERAPY, COMBINATION/ ENDOCARDITIS, drug therapy/ *ENDOCARDITIS, BACTERIAL, drug therapy/ ENTEROBACTERIACEAE INFECTIONS, drug therapy/ GENTAMICIN, therapeutic use/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MONOGRAPH/ MYCOSES, drug therapy/ OXACILLIN, therapeutic use/ PENICILLINS, pharmacodynamics/ PENICILLINS, therapeutic use/ PSEUDOMONAS INFECTIONS, drug therapy/ REVIEW/ STAPHYLOCOCCAL INFECTIONS, drug therapy/ STREPTOCOCCAL INFECTIONS, drug therapy/ STREPTOCOCCUS, drug effects/ STREPTOMYCIN, therapeutic use/ SURGICAL WOUND INFECTION, drug therapy

7970. **Sanders EJ, Zalik SE:** Aggregation of cells from early chick blastoderms. Differentiation 6(1):1–11, 16 Mar 76
ANIMAL/ *BLASTOCYST, ultrastructure/ *BLASTODERM, ultrastructure/ *CELL AGGREGATION/ CELL AGGREGATION, drug effects/ CELL DIFFERENTIATION/ CELL MEMBRANE, physiology/ CELLS, CULTURED/ *CHICK EMBRYO, cytology/ CULTURE MEDIA/ EDTA, pharmacodynamics/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7971. **Sandhu TS, White FH:** Production and characterization of Moraxella bovis hemolysin. Am J Vet Res 38(6):883–5, Jun 77
CALCIUM, pharmacodynamics/ CYSTEINE, pharmacodynamics/ HEAT/ *HEMOLYSINS, biosynthesis/ HEMOLYSINS, isolation & purification/ HEMOLYSIS/ IODOACETATES, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ MORAXELLA, growth & development/ *MORAXELLA, metabolism/ TRYPSIN, pharmacodynamics

7972. **Sandler B, Bentegeat J, Darmendrail J, et al:** Lupus érythémateux disséminé avec anticoagulant circulant
Pediatrie 31(6):624–5, Sep 76 **(Fre)**
ADOLESCENCE/ *BLOOD COAGULATION DISORDERS, complications/ CASE REPORT/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE

7973. **Sandler M:** Transitory platelet monoamine oxidase deficit in migraine: some reflections. Headache 17(4):153–8, Sep 77
*BLOOD PLATELETS, enzymology/ HUMAN/ MIGRAINE, blood/ MIGRAINE, enzymology/ *MONOAMINE OXIDASE, blood

7974. **Sandmann W, Kremer K, Kleinschmidt F, et al:** Lymphabflussstörungen nach Arterien-Operationen am Bein Chirurg 47(4):198–204, Apr 76 (Eng. Abstr.) **(Ger)**
*ARTERIAL OCCLUSIVE DISEASES, surgery/ COUMARINS, therapeutic use/ CYSTS, prevention & control/ ENGLISH ABSTRACT/ FISTULA, prevention & control/ HUMAN/ *LEG, blood supply/ *LYMPHATIC DISEASES/ LYMPHATIC DISEASES, prevention & control/ LYMPHEDEMA, prevention & control/ MALE

7975. **Sannes PL, McDonald JK, Spicer SS:** Dipeptidyl aminopeptidase II in rat peritoneal wash cells. Cytochemical localization and biochemical characterization. Lab Invest 37(3):243–53, Sep 77
ALANINE, pharmacodynamics/ ANIMAL/ *ASCITIC FLUID, cytology/ CHLOROMERCURIPHENYLSULFONATE, pharmacodynamics/ CYTOPLASMIC GRANULES, enzymology/ EDTA, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ LEUKOCYTES, enzymology/ LYSOSOMES, enzymology/ *MACROPHAGES, enzymology/ MACROPHAGES, ultrastructure/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEPTIDES, pharmacodynamics/ *PERITONEAL FLUID, cytology/ RATS/ SUBCELLULAR FRACTIONS, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VACUOLES, enzymology

7976. **Sano T, Motomiya T, Yamazaki H, et al:** Enhancement of platelet sensitivity to ADP-aggregation by isometric exercise in arteriosclerosis patients and its prevention. Thromb Haemostas 37(2):329–38, 30 Apr 77
ADENOSINE DIPHOSPHATE/ *ARTERIOSCLEROSIS, blood/ BLOOD PLATELET DISORDERS, diagnosis/ CEREBRAL ARTERIOSCLEROSIS, drug therapy/ CLINICAL

RESEARCH/ CORONARY DISEASE, drug therapy/ *EXERTION/ HUMAN/ METHODS/ PLACEBOS/ *PLATELET AGGREGATION/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, antagonists & inhibitors

7977. **Santarius K, Ryan C:** Radial diffusion as a sensitive method for screening endopeptidase activity in plant extracts. Anal Biochem 77(1):1-9, Jan 77
CHYMOTRYPSIN, analysis/ DIFFUSION/ GELATIN/ METHODS/ MICROCHEMISTRY/ *PEPTIDE HYDROLASES, analysis/ *PLANTS, enzymology/ SPECIES SPECIFICITY/ TRYPSIN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7978. **Santiago SM Jr, Klaustermeyer WB, Brockman G:** Pulmonary thromboembolism in erythema multiforme. West J Med 126(6):505-6, Jun 77
ADULT/ CASE REPORT/ *ERYTHEMA MULTIFORME, complications/ ERYTHEMA MULTIFORME, etiology/ HUMAN/ MALE/ *PULMONARY EMBOLISM, complications

7979. **Sany J, Morlock G, Clot J, et al:** Traitement de la polyarthrite rhumatoïde par le lévamisole. Premiers résultats Rev Rhum Mal Osteoartic 44(3):143-53, Mar 77 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ AGRANULOCYTOSIS, chemically induced/ ANTIGENS, FUNGAL, administration & dosage/ *ARTHRITIS, RHEUMATOID, drug therapy/ BLOOD SEDIMENTATION/ CANDIDA, immunology/ CLINICAL RESEARCH/ DYSGAMMAGLOBULINEMIA/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HEMAGGLUTINATION TESTS/ HUMAN/ HYPERGAMMAGLOBULINEMIA, etiology/ IGA/ IGG/ INTRADERMAL TESTS/ LEVAMISOLE, administration & dosage/ LEVAMISOLE, adverse effects/ *LEVAMISOLE, therapeutic use/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LYMPHOCYTE TRANSFORMATION/ MALE/ MIDDLE AGE/ RHEUMATOID FACTOR, analysis/ STREPTOKINASE, immunology/ TUBERCULIN TEST

7980. **Sanz MA, Aznar JA, Tascón A, et al:** Rebote heparinico y actividad fibrinolítica en cirugía extracorpórea Sangre (Barc) 22(3):346-50, 1977 (Eng. Abstr.) **(Spa)**
ADULT/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION, drug effects/ CASE REPORT/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EXTRACORPOREAL CIRCULATION/ FEMALE/ *HEART ATRIUM, surgery/ *HEART VALVE DISEASES, surgery/ HEART VALVE PROSTHESIS/ HEMORRHAGE, diagnosis/ HEMORRHAGE, drug therapy/ *HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ HUMAN/ MALE/ MIDDLE AGE/ TIME FACTORS

7981. **Sapelli PL, De Rysky S, Torresani P, et al:** Aspects ultrastructuraut du tissu conjonctif-vasculaire de l'épulide. Note II - Epulide fibroangiomateuse Bull Group Eur Rech Sci Stomatol Odontol 19(1-2):13-9, Jan-Apr 76 **(Fre)**
*GINGIVA, ultrastructure/ *GINGIVAL DISEASES, pathology/ GRANULOMA, GIANT CELL/ HEMANGIOMA, ultrastructure/ HUMAN

7982. **Sapire KE:** The changing pattern in oral contraception. S Afr Med J 51(19):653-6, 7 May 77
ABNORMALITIES, DRUG-INDUCED/ ADULT/ AMENORRHEA, chemically induced/ ANIMAL/ BREAST NEOPLASMS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ DOGS/ FEMALE/ FETUS, drug effects/ HUMAN/ HYPERTENSION, chemically induced/ INFARCTION, chemically induced/ LIVER NEOPLASMS, chemically induced/ MESENTERIC VEINS/ MIDDLE AGE/ MYOCARDIAL INFARCT, chemically induced/ POSTOPERATIVE COMPLICATIONS/ THROMBOEMBOLISM, chemically induced

7983. **Sapolsky A, Howell D:** Proteolytic enzymes in human cartilage: the pathogenesis of osteoarthritis. Compr Ther 2(10):33-40, OCT 76
*CARTILAGE, enzymology/ CATHEPSIN, metabolism/ HUMAN/ OSTEOARTHRITIS, enzymology/ *OSTEOARTHRITIS, etiology/ PEPSTATINS, metabolism/ *PEPTIDE HYDROLASES, metabolism/ PROTEOGLYCANS, metabolism

7984. **Sapolsky AI, Woessner JF, Howell DS:** Neutral and acid metalloproteinases in human articular cartilage which degrade proteoglycan. p. 404.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
*CARTILAGE, metabolism/ HUMAN/ METALLOPROTEINS, isolation & purification/ METALLOPROTEINS, metabolism/ MOLECULAR WEIGHT/ MONOGRAPH/ *MUCOPOLYSACCHARIDES, metabolism/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ *PROTEOGLYCANS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

7985. **Sapolsky AI, Keiser H, Howell DS, et al:** Metalloproteases of human articular cartilage that digest cartilage proteoglycan at neutral and acid pH. J Clin Invest 58(4):1030-41, Oct 76
CARTILAGE, ARTICULAR, enzymology/ *CARTILAGE, ARTICULAR, metabolism/ CASEIN, metabolism/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISC/ GEL DIFFUSION TESTS/ HISTONES, metabolism/ HYDROGEN-ION CONCENTRATION/ *MUCOPOLYSACCHARIDES, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ *PROTEOGLYCANS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7986. **Sarajas HS:** Reaction patterns of blood platelets in exercise. Characteristics, origin and possible coronary implications. Adv Cardiol 18(0):176-95, 1976 (101 ref.)
BLOOD CELL COUNT/ *BLOOD PLATELETS, physiology/ CORONARY CIRCULATION/ CORONARY DISEASE, etiology/ *EXERTION/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ REVIEW/ TIME FACTORS

7987. **Sarcione EJ, Smalley JR:** Intracellular synthesis of alpha-fetoprotein and fibrinogen without secretion by Zajdela rat ascites hepatoma cells. Cancer Res 36(9 pt.1):3203-6, Sep 76
*ALPHA FETOPROTEINS, biosynthesis/ ALPHA FETOPROTEINS, secretion/ ANIMAL/ *FIBRINOGEN, biosynthesis/ FIBRINOGEN, secretion/ *HEPATOMA, metabolism/ HEPATOMA, secretion/ *LIVER NEOPLASMS, metabolism/ LIVER NEOPLASMS, secretion/ MALE/ NEOPLASM PROTEINS, biosynthesis/ NEOPLASMS, EXPERIMENTAL, metabolism/ NEOPLASMS, EXPERIMENTAL, secretion/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

7988. **Sargent MD, Long DG, Borsa J:** Functional analysis of the interactions between reovirus particles and various proteases in vitro. Virology 78(1):354-8, 1 May 77
BROMELAINS, pharmacodynamics/ CHYMOTRYPSIN, pharmacodynamics/ ENZYME ACTIVATION/ FIBRINOLYSIN, pharmacodynamics/ PAPAIN, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ POTASSIUM, pharmacodynamics/ PRONASE, pharmacodynamics/ *REOVIRUSES, drug effects/ REOVIRUSES, enzymology/ REOVIRUSES, pathogenicity/ *RNA POLYMERASES, metabolism/ TRYPSIN, pharmacodynamics

7989. **Sarkar JK, Das BC, Mukherjee KK, et al:** Observation on second heterotypic dengue virus infection in mice. Indian J Med Res 64(12):1713-9, Dec 76
ANIMAL/ BLOOD CELL COUNT/ BLOOD COAGULATION/ BLOOD PLATELETS/ DENGUE, blood/ *DENGUE, pathology/ HEMORRHAGE, pathology/ MICE

7990. **Sarma R, Roschke EJ, Harrison EC, et al:** Clinical experience

with the Smeloff-Cutter aortic valve prosthesis: an 8-year follow-up study. Am J Cardiol 40(3):338-44, Sep 77
ADULT/ AGED/ AORTIC VALVE, physiology/ *AORTIC VALVE, surgery/ BLOOD COAGULATION DISORDERS, occurrence/ CALIFORNIA/ ENDOCARDITIS, etiology/ ENDOCARDITIS, BACTERIAL, occurrence/ FEMALE/ FOLLOW-UP STUDIES/ HEART CATHETERIZATION/ *HEART VALVE PROSTHESIS/ HEMATOLOGIC DISEASES, occurrence/ HUMAN/ MALE/ MIDDLE AGE/ PHONOCARDIOGRAPHY/ POSTOPERATIVE COMPLICATIONS, mortality/ PRESSURE/ PULMONARY EMBOLISM, occurrence

7991. **Sarramon JP, Durand D, Lazorthes F, et al:** Accident de la ceinture de sécurité Lymphocéle, sténose extrinsèque de l'uretère d'un transplant, chirurgie restauratrice J Urol Nephrol (Paris) 82(7-8):601-5, Jul-Aug 76 (Eng. Abstr.) **(Fre)**
*ACCIDENTS, TRAFFIC/ ADULT/ CASE REPORT/ *CYSTS, etiology/ CYSTS, surgery/ ENGLISH ABSTRACT/ HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ KIDNEY DISEASES, etiology/ KIDNEY DISEASES, surgery/ KIDNEY, injuries/ *KIDNEY, transplantation/ *LYMPH/ MALE/ POSTOPERATIVE COMPLICATIONS/ RETROPERITONEAL FIBROSIS, etiology/ RETROPERITONEAL FIBROSIS, surgery/ *SEAT BELTS, adverse effects/ TRANSPLANTATION, HOMOLOGOUS/ *URETERAL OBSTRUCTION, etiology/ URETERAL OBSTRUCTION, surgery

7992. **Sarti G, Savorani G:** Valutazione dell'immunita' cellulare nell'uomo mediante test cutanei (metodiche) Boll Soc Ital Biol Sper 52(12):872-6, 30 Jun 76 **(Ita)**
ALLERGENS/ ANTIBODY FORMATION/ AUTOIMMUNE DISEASES, immunology/ DINITROCHLOROBENZENE, diagnostic use/ HUMAN/ HYPERSENSITIVITY, DELAYED, immunology/ *IMMUNITY, CELLULAR/ MUMPS VIRUS, immunology/ *SKIN TESTS, methods/ STREPTOKINASE, diagnostic use

7993. **Sartor K, Hinzpeter T:** Arteriovenöse Duramissbildung und spontanes intrazerebrales Hämatom Fortschr Neurol Psychiatr 44(12):702-5, Dec 76 (Eng. Abstr.) **(Ger)**
CASE REPORT/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL ARTERIOVENOUS MALFORMATIONS, complications/ *CEREBRAL HEMORRHAGE, complications/ CEREBRAL HEMORRHAGE, radiography/ DURA MATER, blood supply/ ENGLISH ABSTRACT/ HEMATOMA, complications/ HEMATOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE

7994. **Sarwar M:** Deep venous occlusion in the Sturge-Weber syndrome. Rev Interam Radiol 2(3):159-61, Jul 77
*ANGIOMATOSIS, radiography/ *BRAIN, blood supply/ CASE REPORT/ CEREBRAL ANGIOGRAPHY/ CHILD/ FEMALE/ HUMAN/ *STURGE-WEBER SYNDROME, radiography/ *THROMBOPHLEBITIS, radiography

7995. **Sas G, Pepper DS:** Heparin and blood coagulation [letter]. Thromb Haemostas 36(1):289-91, 31 Aug 76
*BLOOD COAGULATION, drug effects/ *HEPARIN, pharmacodynamics

7996. **Sasahara AA, Sharma GV, Tow DE, et al:** Pulmonary embolism: the target organ. pp. 91-102.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976. (13 ref.)
ELECTROCARDIOGRAPHY/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MONOGRAPH/ OXYGEN, blood/ PERFUSION/ PLETHYSMOGRAPHY, IMPEDANCE/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, etiology/ RADIONUCLIDE IMAGING/ REVIEW/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology

7997. **Sasakawa S, Tokunaga E:** Physical and chemical changes of ACD-preserved blood: a comparison of blood in glass bottles and plastic bags. Vox Sang 31?-73(3):199-210, 1976
ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ BLOOD VISCOSITY/ *CITRATES, pharmacodynamics/ COMPARATIVE STUDY/ DIPHOSPHOGLYCERIC ACIDS, blood/ *GLASS/ *GLUCOSE, pharmacodynamics/ HEMOGLOBINS, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OSMOTIC FRAGILITY/ *PLASTICS

7998. **Sasakawa S, Tokunaga E, Hasegawa G, et al:** Osmotic fragility changes in preserved blood: measurements by coil planet centrifuge and parpart methods. Vox Sang 33(3):187-92, Sep 77
ADENINE, pharmacodynamics/ *BLOOD PRESERVATION/ CENTRIFUGATION, instrumentation/ COMPARATIVE STUDY/ *ERYTHROCYTES, physiology/ HEMOLYSIS/ HUMAN/ OSMOTIC FRAGILITY/ SODIUM CHLORIDE, pharmacodynamics/ THIOCYANATES, pharmacodynamics

7999. **Sasaki M, Yokoyama K, Kita S, et al:** [Treatment of hemangioma of the lip by surgical procedure combined with application of the dental material: report of 2 cases] Jpn J Oral Surg 20(2):111-4, 1974 **(Jpn)**
CASE REPORT/ *HEMANGIOMA, surgery/ HUMAN/ LIP NEOPLASMS, surgery/ SPLINTS

8000. **Sasaki M, Minakata K, Yamamoto H, et al:** A new serum component which specifically inhibits thiol proteinases. Biochem Biophys Res Commun 76(3):917-24, 6 Jun 77
ANTIGEN-ANTIBODY REACTIONS/ BLOOD PROTEINS, pharmacodynamics/ CASEIN, metabolism/ CATHEPSIN, antagonists & inhibitors/ *ENZYME INHIBITORS, blood/ ENZYME INHIBITORS, immunology/ ENZYME INHIBITORS, isolation & purification/ FICIN, antagonists & inhibitors/ HUMAN/ MOLECULAR WEIGHT/ PAPAIN, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN BINDING/ SULFHYDRYL COMPOUNDS

8001. **Sasaki Y, Morita T:** An experimental model of in vivo fibrinolysis. Thromb Res 9(5):513-22, Nov 76
ANIMAL/ CYNOMOLGUS MONKEYS/ DOGS/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRIN, administration & dosage/ FIBRINOGEN, administration & dosage/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HEMAGGLUTINATION INHIBITION TESTS/ ISOQUINOLINES, pharmacodynamics/ MALE/ MODELS, BIOLOGICAL/ MONKEYS/ RABBITS/ RATS/ SWINE/ TRANEXAMIC ACID, pharmacodynamics

8002. **Sato H, Yamakawa Y, Ito A, et al:** Effect of protease on the production of Clostridium perfringens alpha toxin. Jpn J Med Sci Biol 30(1):44-6, Feb 77
*BACTERIAL TOXINS, biosynthesis/ *CLOSTRIDIUM PERFRINGENS, metabolism/ *PEPTIDE HYDROLASES, pharmacodynamics

8003. **Sato N, Nishimura K, Kanaya H, et al:** Followup results one year after surgery in patients with hypertensive intracerebral hemorrhage. Neurol Med Chir (Tokyo) 16(PT1):109-14, 1976
ACTIVITIES OF DAILY LIVING/ ADULT/ AGED/ *CEREBRAL HEMORRHAGE, surgery/ FEMALE/ FOLLOW-UP STUDIES/ HEMATOMA, surgery/ HUMAN/ *HYPERTENSION, complications/ MALE/ MIDDLE AGE

8004. **Sato S, Karasaki Y, Ohno M:** Interactions of alpha-chymotrypsin with peptides containing tryptophan or its derivatives at the C-terminus. J Biochem (Tokyo) 82(1):231-7, Jul 77
BINDING SITES/ CHYMOTRYPSIN, antagonists & inhibitors/ *CHYMOTRYPSIN, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *PEPTIDES, metabolism/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ THERMODYNAMICS/ *TRYPTOPHAN

8005. **Satow Y, Manasek FJ:** Direct effects of trypan blue on cardiac extracellular macromolecule synthesis.

Lab Invest 36(1):100–5, Jan 77
ANIMAL/ CHICK EMBRYO/ FUCOSE, metabolism/ GLUCOSAMINE, metabolism/ GLYCOPEPTIDES, biosynthesis/ GLYCOPROTEINS, biosynthesis/ *HEART, embryology/ HEPARIN, biosynthesis/ HYALURONIC ACID, biosynthesis/ *MYOCARDIUM, metabolism/ SULFATES, metabolism/ TERATOGENS/ *TRYPAN BLUE, toxicity/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8006. **Sauar J, Blomhoff JP, Gjone E:** Triglyceride lipases in acute hepatitis. Clin Chim Acta 71(3):403–11, 20 SEP 76
ACUTE DISEASE/ ADULT/ AMINOTRANSFERASES, blood/ CASE REPORT/ CHOLESTEROL ESTERS, blood/ CHOLESTEROL, blood/ CHROMATOGRAPHY, AFFINITY/ FEMALE/ HEPATITIS, blood/ *HEPATITIS, enzymology/ HUMAN/ LECITHIN ACYLTRANSFERASE, blood/ *LIPASE, blood/ LIPASE, isolation & purification/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, isolation & purification/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ *TRIGLYCERIDES, blood

8007. **Saundry RH, Mamman I, Huntsman RG:** Studies of a haem-containing protein associated with cases of beta0-thalassaemia in patients of West Indian origin. Biochem Soc Trans 4(4):763–5, 1976
*HEMOGLOBIN, SICKLE/ HUMAN/ MALE/ PEPTIDE FRAGMENTS, analysis/ *THALASSEMIA, blood/ TRYPSIN/ VARIATION (GENETICS)/ WEST INDIES, ethnology

8008. **Sauter R:** Cerebrale Anfälle (Synkoptische, diakoptische und epileptische Reaktionen). Verh Dtsch Ges Inn Med 82 Pt 1:536–41, 1976 **(Ger)**
ADOLESCENCE/ ANTICONVULSANTS, therapeutic use/ *CEREBROVASCULAR DISORDERS/ CEREBROVASCULAR DISORDERS, physiopathology/ CHILD/ EPILEPSY, physiopathology/ EPILEPSY, TRAUMATIC, diagnosis/ HEMANGIOMA, complications/ HUMAN/ SLEEP DISORDERS, physiopathology/ SYNCOPE, physiopathology

8009. **Sautter RD:** Treatment of massive pulmonary embolism [editorial]. Chest 71(2):127–8, Feb 77
DECISION MAKING/ HUMAN/ METHODS/ *PULMONARY EMBOLISM, surgery

8010. **Savel'ev NM:** Nekotorye faktory, vliiaiushchie na krovopoteriu pri tonzillèktomii
Zh Ushn Nos Gorl Bolezn (3):30–3, May–Jun 76 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ *HEMORRHAGE, blood/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, blood/ *TONSILLECTOMY/ *TONSILLITIS, blood/ TONSILLITIS, surgery

8011. **Savel'ev VS, Konstantinova GD:** Khirurgicheskoe lechenie khronicheskoĭ venoznoĭ nedostatochnosti posle tromboza glubokikh ven nizhnikh konechnosteĭ Sov Med (3):40–6, Mar 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, complications/ VENOUS INSUFFICIENCY, etiology/ *VENOUS INSUFFICIENCY, surgery

8012. **Savel'ev VS, Dumpe EP, Shestakov VA, et al:** Pokazateli gemostaza pri ostrom venoznom tromboze
Khirurgiia (Mosk) (5):18–22, MAY 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ *HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, blood

8013. **Savel'ev VS, Dumpe EP, Iablokov EG, et al:** Ostryĭ tromboflebit podkozhnykh ven kak problema ekstrennoĭ khirurgii Vestn Khir 117(9):3–9, Sep 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, diagnostic use/ HUMAN/ LIGATION, methods/ MALE/ MIDDLE AGE/ RADIOISOTOPE DILUTION TECHNIC/ *SAPHENOUS VEIN, surgery/ THROMBOSIS, diagnosis/ *THROMBOSIS, surgery

8014. **Savel'ev VS, Dumpe EP, Iablokov EG, et al:** Diagnostika posleoperatsionnogo tromboza ven Vestn Khir 116(1):14–20, Jan 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL VEIN/ FIBRINOGEN, diagnostic use/ HUMAN/ ILIAC VEIN/ IODINE RADIOISOTOPES, diagnostic use/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ RADIOISOTOPE DILUTION TECHNIC/ *THROMBOPHLEBITIS, diagnosis

8015. **Savel'ev VS, Iablokov EG, Prokubovskiĭ VI, et al:** Profilaktika tromboembolii legochnoĭ arterii metodom implantatsii kava-fil'tra. Grudn Khir (3):15–25, May–Jun 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *PULMONARY EMBOLISM, prevention & control/ *VENA CAVA, INFERIOR

8016. **Savel'eva GM, Malinovskaia SIa, Miasnikova IG:** Printsipy terapii pri ostroĭ krovopotere u rodil'nits Sov Med (6):65–70, Jun 76 (Eng. Abstr.) **(Rus)**
BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGE, POSTPARTUM, therapy/ HEMOSTASIS, SURGICAL/ HEMOSTATICS, therapeutic use/ HUMAN/ PLASMA SUBSTITUTES, therapeutic use/ PREGNANCY

8017. **Saveleva TV, Kuznik BI, Goldentsvaig YD:** Coagulability of arterial and venous blood in healthy subjects, patients with coronary atherosclerosis, and patients with rheumatic cardiopathies. Cor Vasa 18(4):249–57, 1876
ARTERIES/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION TESTS/ *CORONARY DISEASE, blood/ FIBRINOLYSIS/ HEART FAILURE, CONGESTIVE, blood/ HEMODYNAMICS/ HEPARIN, diagnostic use/ HUMAN/ *RHEUMATIC HEART DISEASE, blood/ THROMBOEMBOLISM, blood/ VEINS

8018. **Savenkov MP:** Izmenenie reologicheskikh svoĭstv krovi u bol'nykh s zastoĭnoĭ nedostatochnost'iu krovoobrashcheniia pri lechenii diuretikami.
Kardiologiia 17(5):52–7, May 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ BLOOD CIRCULATION/ BLOOD VISCOSITY/ *DIURETICS, therapeutic use/ ENGLISH ABSTRACT/ ERYTHROCYTE AGGREGATION/ ETHACRYNIC ACID, therapeutic use/ FEMALE/ *HEART FAILURE, CONGESTIVE, blood/ HEART FAILURE, CONGESTIVE, drug therapy/ HEART FAILURE, CONGESTIVE, physiopathology/ HEMATOCRIT/ HUMAN/ HYDROCHLOROTHIAZIDE, therapeutic use/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION/ PLETHYSMOGRAPHY, IMPEDANCE/ SPIRONOLACTONE, therapeutic use

8019. **Savettieri G, Serra S:** Interazione tra un polipeptide estrattivo e proteasi acide encefaliche
Acta Neurol (Napoli) 31(1):10–4, Jan–Feb 76 **(Ita)**
ANIMAL/ BRAIN, enzymology/ *BRAIN, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, metabolism/ RABBITS

8020. **Savina PN, Romanova EV, Korneenkova AA:** Tromboembolicheskiĭ sindrom pri rake legkogo
Klin Med (Mosk) 54(4):141–2, Apr 76 **(Rus)**
ADULT/ CASE REPORT/ HUMAN/ *LUNG NEOPLASMS, complications/ MALE/ SYNDROME/ *THROMBOEMBOLISM, etiology

8021. **Savinovskaia AV:** Kompensatorno-prisposobitel'naia reaktsiia sistemy svertyvaniia krovi u bol'nykh ozhogami Probl Gematol Pereliv Krovi 21(10):30–4, OCT 76 **(Rus)**
*BLOOD COAGULATION/ *BURNS, blood/ HUMAN

8022. **Sawada J, Shioiri-Nakano K, Osawa T:** Cytotoxic activity of purified guinea pig lymphotoxin against various cell lines. Jpn J Exp Med 46(4):263–7, Aug 76
ANIMAL/ BINDING, COMPETITIVE/ CARBOHYDRATES, metabolism/ CELL LINE/ ERYTHROCYTES, drug effects/ GLYCOPROTEINS, metabolism/ GUINEA PIGS/ LYMPHOCYTES, drug effects/ *LYMPHOTOXIN, toxicity/ MEMBRANE PROTEINS, metabolism/ RECEPTORS, DRUG, metabolism/ TRYPSIN

8023. **Sawada J, Kobayashi Y, Osawa T:** The effect of pulse treatment of target cells with guinea pig lymphotoxin and the nature of its binding to target cells.
Jpn J Exp Med 47(2):93–8, Apr 77
BINDING SITES/ CELL MEMBRANE, metabolism/ CELL SURVIVAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GLYCOPROTEINS, metabolism/ GUINEA PIGS/ *LYMPHOTOXIN, metabolism/ METHODS/ PROTEIN BINDING/ TEMPERATURE/ TRYPSIN, pharmacodynamics

8024. **Sawitsky A, Rai KR, Aral I, et al:** Mediastinal irradiation for chronic lymphocytic leukemia. Am J Med 61(6):892–6, Dec 76
AGED/ BLOOD PLATELETS/ FEMALE/ HEMOGLOBINS, analysis/ HUMAN/ LEUKEMIA, LYMPHOCYTIC, blood/ *LEUKEMIA, LYMPHOCYTIC, radiotherapy/ LEUKOCYTE COUNT/ LYMPH NODES, radiation effects/ LYMPHOCYTES/ MALE/ *MEDIASTINAL NEOPLASMS, radiotherapy/ *MEDIASTINUM/ MIDDLE AGE/ NEUTROPHILS/ *RADIATION INJURIES, etiology/ *RADIOTHERAPY, adverse effects/ REMISSION/ SPLEEN, radiation effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8025. **Sawyer PN:** Effect of brinase and thrombolysin on the electrochemical, nature of the cardiovascular system of experimental animals (dogs and rabbits). Thromb Res 10(3):531–6, Mar 77
ANIMAL/ BLOOD COAGULATION, drug effects/ BRINOLASE, administration & dosage/ *BRINOLASE, pharmacodynamics/ *CARDIOVASCULAR SYSTEM, drug effects/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FIBRINOLYSIN, pharmacodynamics/ *MEMBRANE POTENTIALS, drug effects/ MODELS, BIOLOGICAL/ *PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS/ THROMBOSIS, blood/ WOUNDS, NONPENETRATING, blood

8026. **Sawyer PN, Ramsey W, Stanczewski B, et al:** A comparative study of several polymers for use as intravenous catheters. Med Instrum 11(4):221–30, Jul–Aug 77
ANIMAL/ BIOCOMPATIBLE MATERIALS/ *CATHETERIZATION, instrumentation/ COMPARATIVE STUDY/ DOGS/ HUMAN/ *INFUSIONS, PARENTERAL, instrumentation/ *POLYMERS/ SURFACE PROPERTIES/ THROMBOSIS, prevention & control

8027. **Sawyer TH, Caskey CT, Bucknall WE:** Quantitation and characterization of alpha1-antitrypsin in amniotic fluid from first trimester pregnancies. Birth Defects 12(6):303–8, 1976
ALPHA 1-ANTITRYPSIN, blood/ *ALPHA 1-ANTITRYPSIN, metabolism/ *AMNIOTIC FLUID, enzymology/ FEMALE/ GESTATIONAL AGE/ HUMAN/ INFANT, NEWBORN/ MALE/ MATERNAL-FETAL EXCHANGE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PREGNANCY TRIMESTER, FIRST/ PREGNANCY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8028. **Saxena NC, Hillyer P, Edmunds LH Jr:** Use of the spiral coil membrane oxygenator during open heart surgery in infants and children. J Cardiovasc Surg (Torino) 18(1):1–7, Jan–Feb 77
ADOLESCENCE/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *CARDIOPULMONARY BYPASS/ CARDIOPULMONARY BYPASS, mortality/ CHILD/ CHILD, PRESCHOOL/ FIBRINOGEN, analysis/ HUMAN/ INFANT/ *OXYGENATORS, MEMBRANE, instrumentation

8029. **Sayers MP:** Shunt complications. Clin Neurosurg 23:393–400, 1976
BRAIN DISEASES, diagnosis/ *CEREBROSPINAL FLUID SHUNTS, adverse effects/ CYSTS, diagnosis/ DIAGNOSTIC ERRORS/ HEADACHE, etiology/ HUMAN/ HYDROCEPHALUS, diagnosis/ MENINGOMYELOCELE, surgery/ *POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ SEPTICEMIA, etiology

8030. **Sbarbaro JA, Bennett RM:** Aspirin hepatotoxicity and disseminated intravascular coagulation.
Ann Intern Med 86(2):183–5, Feb 77
ADOLESCENCE/ ARTHRITIS, JUVENILE RHEUMATOID, drug therapy/ *ASPIRIN, adverse effects/ ASPIRIN, therapeutic use/ BIOPSY/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ *HEPATITIS, TOXIC, etiology/ HUMAN/ IBUPROFEN, therapeutic use/ LIVER FUNCTION TESTS/ LIVER, drug effects/ LIVER, pathology/ PREDNISONE, therapeutic use

8031. **Scaffidi V, Mansueto S, Scaffidi L:** Le vasculiti intrainfettive e sequenziali tardive delle rickettsiosi. Minerva Med 68(34):2399–412, 14 Jul 77 **(Ita)**
ADOLESCENCE/ ADULT/ CASE REPORT/ CHILD/ CORONARY DISEASE, etiology/ FEMALE/ GANGRENE, etiology/ HEMORRHAGE, etiology/ HUMAN/ KIDNEY DISEASES, etiology/ MALE/ MENINGITIS, etiology/ MIDDLE AGE/ *RICKETTSIAL INFECTIONS, complications/ THROMBOSIS, etiology/ *VASCULAR DISEASES, etiology

8032. **Scarborough GA:** Properties of Neurospora crassa plasma membrane ATPase. Arch Biochem Biophys 180(2):384–93, 30 Apr 77
*ADENOSINE TRIPHOSPHATASE, metabolism/ CATIONS, DIVALENT, pharmacodynamics/ CELL MEMBRANE, enzymology/ CHLOROMERCURIBENZOATES, pharmacodynamics/ DEOXYCHOLIC ACID, pharmacodynamics/ DICYCLOHEXYLCARBODIIMIDE, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *NEUROSPORA CRASSA, enzymology/ *NEUROSPORA, enzymology/ PHOSPHOLIPIDS, pharmacodynamics/ RIBONUCLEOTIDES, metabolism/ SALICYLANILIDES, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFHYDRYL REAGENTS, pharmacodynamics/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8033. **Scawen M, Allen A:** The action of proteolytic enzymes on the glycoprotein from pig gastric mucus. Biochem J 163(2):363–8, 1 May 77
AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ GASTRIC MUCOSA, metabolism/ *GLYCOPROTEINS, metabolism/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, metabolism/ SWINE

8034. **Schachinger H, Gadner H, Berger M:** Gerinnungsphysiologische Untersuchungen während Hypoxie und Hyperkapnie bei jungen Göttinger Miniaturschweinen. Monatsschr Kinderheilkd 125(5):588, May 77 **(Ger)**
ANIMAL/ *ANOXIA, blood/ ANOXIA, diagnosis/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ HUMAN/ *HYPERCAPNIA, blood/ HYPERCAPNIA, diagnosis/ INFANT, NEWBORN/ *SWINE, physiology

8035. **Schachter M, Barton S, Uddin M, et al:** Effect of nerve stimulation, denervation, and duct ligation, on kallikrein content and duct cell granules of the cat's submandibular gland. Experientia 33(6):746–8, 15 Jun 77
ANIMAL/ CATS/ DENERVATION/ ELECTRIC

STIMULATION/ FEMALE/ KALLIKREIN, biosynthesis/ *KALLIKREIN, metabolism/ KALLIKREIN, secretion/ LIGATION/ MALE/ ORGANOIDS, enzymology/ PARASYMPATHETIC NERVOUS SYSTEM, physiology/ *SUBMANDIBULAR GLAND, enzymology/ SUBMANDIBULAR GLAND, innervation/ SUBMANDIBULAR GLAND, ultrastructure/ SYMPATHETIC NERVOUS SYSTEM, physiology

8036. **Schacter BA, Yoda B, Israels LG:** Human spleen heme oxygenase in normal, hemolytic and other pathological states. Ann Clin Res 8 Suppl 17:28–34, 1976
*ANEMIA, HEMOLYTIC, enzymology/ CYTOCHROME P-450, metabolism/ *HEME, metabolism/ HEMOGLOBINS, analysis/ HEMOLYSIS/ HUMAN/ *MYELOPROLIFERATIVE DISORDERS, enzymology/ NADPH CYTOCHROME C REDUCTASE, metabolism/ ORGAN WEIGHT/ *OXYGENASES, metabolism/ *PURPURA, THROMBOPENIC, enzymology/ *SPLEEN, enzymology

8037. **Schade DS, Eaton RP:** Modulation of fatty acid metabolism by glucagon in man. IV. Effects of a physiologic hormone infusion in normal man. Diabetes 25(10):978–83, Oct 76
ACETOACETATES, blood/ ADULT/ BLOOD SUGAR, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCAGON, blood/ *GLUCAGON, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROXYBUTYRATES, blood/ INSULIN, blood/ *KETONE BODIES, blood/ MALE/ SOMATOTROPIN, blood/ TIME FACTORS

8038. **Schade DS, Eaton RP, Standefer J:** Glucocorticoid regulation of plasma ketone body concentration in insulin devicient man. J Clin Endocrinol Metab 44(6):1069–79, Jun 77
BLOOD SUGAR, metabolism/ *DIABETES MELLITUS, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCAGON, blood/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, pharmacodynamics/ INSULIN, blood/ *KETONE BODIES, blood/ MALE/ SOMATOTROPIN, blood

8039. **Schade R, Janowski K:** Der Wirkungsmechanismus von Vitamin K1 und seine Beeinflussung durch indirekte Antikoagulantien Pharmazie 31(9):585–9, 1976 (70 ref.) **(Ger)**
ANIMAL/ *ANTICOAGULANTS, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ DRUG INTERACTIONS/ DRUG RESISTANCE/ ETHERS, CYCLIC, pharmacodynamics/ PROTHROMBIN, biosynthesis/ REVIEW/ *VITAMIN K, pharmacodynamics/ WARFARIN, pharmacodynamics

8040. **Schaerf RH, de Campo T, Civetta JM:** Hemodynamic alterations and rapid diagnosis in a case of amniotic-fluid embolus. Anesthesiology 46(2):155–7, Feb 77
ADULT/ CARDIAC OUTPUT/ CENTRAL VENOUS PRESSURE/ CESAREAN SECTION/ DIAGNOSIS, DIFFERENTIAL/ EMBOLISM, AMNIOTIC FLUID, blood/ *EMBOLISM, AMNIOTIC FLUID, diagnosis/ FEMALE/ HEART CATHETERIZATION/ *HEMODYNAMICS/ HUMAN/ PREGNANCY

8041. **Schäfer W, Fischinger PJ, Collins JJ, et al:** Role of carbohydrate in biological functions of Friend murine leukemia virus gp71. J Virol 21(1):35–40, Jan 77
ABSORPTION/ ANTIBODIES, VIRAL/ AKR VIRUS, growth & development/ *CARBOHYDRATES/ CARBOHYDRATES, metabolism/ *FRIEND VIRUS/ FRIEND VIRUS, growth & development/ FRIEND VIRUS, immunology/ FRIEND VIRUS, metabolism/ GLYCOSIDE HYDROLASES, metabolism/ HEMAGGLUTINATION, VIRAL/ NEURAMINIDASE, metabolism/ PRONASE, metabolism/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRAL INTERFERENCE

8042. **Schaffrath D, Stuhlsatz HW, Greiling H:** Interactions of glycosaminoglycans with DNA and RNA synthesizing enzymes in vitro. Hoppe Seylers Z Physiol Chem 357(4):499–508, Apr 76
CHONDROITIN SULFATES, pharmacodynamics/ DERMATAN SULFATE, pharmacodynamics/ GLYCOSAMINOGLYCANS, pharmacodynamics/ HEPARIN, pharmacodynamics/ KERATAN SULFATE, pharmacodynamics/ KINETICS/ *MUCOPOLYSACCHARIDES, pharmacodynamics/ *REVERSE TRANSCRIPTASE, antagonists & inhibitors/ TEMPLATES

8043. **Schall WD:** Laboratory diagnosis of hepatic disease. Vet Clin North Am 6(4):679–86, Nov 76
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ AMMONIA, blood/ ANIMAL/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD PROTEINS, analysis/ *CAT DISEASES, diagnosis/ CATS/ *DOG DISEASES, diagnosis/ DOGS/ LIVER DISEASES, diagnosis/ *LIVER DISEASES, veterinary/ LIVER FUNCTION TESTS, veterinary/ PROTHROMBIN TIME/ SULFOBROMOPHTHALEIN, diagnostic use

8044. **Schaller K, Harmeyer J, Partale V:** Einfluss von Heparin auf den radioimmunologischen Insulinnachweis Dtsch Tieraerztl Wochenschr 83(10):436–8, 5 Oct 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ ANTIBODIES, analysis/ *ANTIGENS/ CATTLE/ ENGLISH ABSTRACT/ *HEPARIN, blood/ *INSULIN, blood/ RADIOIMMUNOASSAY/ SHEEP

8045. **Schalm OW:** Hemograms in inflammatory diseases of cattle. Mod Vet Pract 57(10):825–7, Oct 76
ANIMAL/ *CATTLE DISEASES, blood/ CATTLE/ FEMALE/ FIBRINOGEN, analysis/ INFLAMMATION/ LEUKOCYTE COUNT/ LYMPHOPENIA, blood/ LYMPHOPENIA, veterinary/ MALE

8046. **Schamaun M:** Postoperative Komplikationen nach Lungensperation. Zentralbl Chir 102(11):649–56, 1977 (Eng. Abstr.) **(Ger)**
ADULT/ BRONCHITIS, etiology/ CASE REPORT/ EMBOLISM, AIR, etiology/ EMPYEMA, etiology/ ENGLISH ABSTRACT/ HEMORRHAGE, etiology/ HUMAN/ *LUNG DISEASES, surgery/ MALE/ MIDDLE AGE/ PLEURAL DISEASES, etiology/ *POSTOPERATIVE COMPLICATIONS, etiology/ POSTOPERATIVE COMPLICATIONS, prevention & control/ SWITZERLAND/ THROMBOSIS, etiology

8047. **Schander K, Etzel F, Egli H:** Coagulation, heparin and thromboembolism. pp. 283–92.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
BLOOD CELL COUNT/ BLOOD PLATELETS/ CESAREAN SECTION, adverse effects/ FACTOR X, metabolism/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ *HYSTERECTOMY/ MONOGRAPH/ POSTOPERATIVE COMPLICATIONS, blood/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ PREGNANCY/ PROTHROMBIN, metabolism/ THROMBELASTOGRAPHY/ THROMBIN, metabolism

8048. **Schander K, Rehm A, Niesen M:** Die Aktivität der Blutgerinnung und Fibrinolyse im Nabelvenenblut lebensfrischer und asphyktischer Neugeborener. Fortschr Med 95(22):1477–81, 9 Jun 77 (Eng. Abstr.) **(Ger)**
ADULT/ *ASPHYXIA NEONATORUM, blood/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ ENGLISH ABSTRACT/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRIN, analysis/ *FIBRINOLYSIS/ HUMAN/ INFANT, NEWBORN/ PLASMINOGEN, analysis/ THROMBELASTOGRAPHY/ UMBILICAL VEINS

8049. **Schaner EG, Balow JE, Doppman JL:** Computed tomography in the diagnosis of subcapsular and perirenal hematoma. AJR 129(1):83–8, Jul 77
ADOLESCENCE/ ADULT/ BIOPSY, adverse effects/ CASE REPORT/ FEMALE/ HEMATOMA, etiology/ *HEMATOMA, radiography/ HUMAN/ KIDNEY DISEASES, etiology/ *KIDNEY DISEASES, radiography/ MALE/ MIDDLE AGE/ *TOMOGRAPHY, COMPUTERIZED AXIAL

8050. **Schaper W, Schaper J:** Pathophysiology of myocardial perfusion. Pathobiol Annu 6:317–63, 1976 (256 ref.)
*ANGINA PECTORIS, physiopathology/ ANIMAL/ ARTERIES, physiopathology/ CORONARY CIRCULATION/ CORONARY DISEASE, pathology/ CORONARY DISEASE, physiopathology/ CORONARY VESSELS, physiopathology/ DISEASE MODELS, ANIMAL/ DOGS/ HEART, physiopathology/ HUMAN/ MICROSCOPY, ELECTRON/ MYOCARDIAL INFARCT, etiology/ *MYOCARDIAL INFARCT, physiopathology/ MYOCARDIUM, ultrastructure/ OXYHEMOGLOBIN, physiology/ PERFUSION/ REVIEW/ THROMBOSIS, complications

8051. **Scharrer I, Grun H, Asmus W, et al:** Neue Aspekte zur Differentialdiagnose von angeborenen und erworbenen Thrombopathien. Verh Dtsch Ges Inn Med 82 Pt 2:1638–40, 1976 **(Ger)**
BLOOD PLATELET DISORDERS, congenital/ *BLOOD PLATELET DISORDERS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *VON WILLEBRAND'S DISEASE, diagnosis

8052. **Scharschimidt BF, Martin JF, Shapiro LJ, et al:** Hemoperfusion through albumin-conjugated agarose gel for the treatment of neonatal jaundice in premature rhesus monkeys. J Lab Clin Med 89(1):101–9, Jan 77
*ALBUMINS/ ANIMAL/ BILIRUBIN, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS/ FEMALE/ GELS/ *HEMODIALYSIS, methods/ *JAUNDICE, NEONATAL, therapy/ LEUKOCYTE COUNT/ MONKEYS/ PERFUSION, adverse effects/ *POLYSACCHARIDES/ PREGNANCY/ RHESUS MONKEYS/ *SEPHAROSE

8053. **Scharschmidt BF, Martin JF, Shapiro LJ, et al:** The use of calcium chelating agents and prostaglandin E to eliminate platelet and white blood cell losses resulting from hemoperfusion through uncoated charcoal, albumin-agarose gel, and neutral and cation exchange resins. J Lab Clin Med 89(1):110–9, Jan 77
ALBUMINS/ ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ *CALCIUM/ CHARCOAL/ *CHELATING AGENTS, therapeutic use/ CITRATES/ EDTA/ *HEMODIALYSIS, methods/ ION EXCHANGE RESINS/ LEUKOCYTE COUNT/ *LEUKOCYTES/ MONKEYS/ PLATELET ADHESIVENESS, drug effects/ *PROSTAGLANDINS E, therapeutic use/ RHESUS MONKEYS/ SEPHAROSE

8054. **Schaub RG, Meyers KM, Sande RD, et al:** Inhibition of feline collateral vessel development following experimental thrombolic occlusion. Circ Res 39(5):736–43, Nov 76
ACUTE DISEASE/ ANIMAL/ AORTA, ABDOMINAL, physiopathology/ *AORTIC DISEASES, physiopathology/ AORTOGRAPHY/ BODY TEMPERATURE/ CATS/ *COLLATERAL CIRCULATION/ COMPARATIVE STUDY/ HINDLIMB, blood supply/ ISCHEMIA, physiopathology/ LIGATION/ MUSCLES, blood supply/ MUSCLES, physiopathology/ REFLEX, ABNORMAL, physiopathology/ REFLEX, TENDON/ *THROMBOSIS, physiopathology/ THROMBOSIS, radiography

8055. **Schauer A, Kunze E:** Tumours of the liver. IARC Sci Publ 1(6 Pt 2):41–72, 1977 (84 ref.)
ANAPLASIA, pathology/ ANGIOSARCOMA, pathology/ ANIMAL/ BILE DUCTS, pathology/ CARCINOGENS/ CHOLANGIOMA, pathology/ CYSTICERCOSIS, complications/ HEMANGIOMA, pathology/ HEPATOMA, pathology/ HYPERPLASIA/ LIVER NEOPLASMS, enzymology/ LIVER NEOPLASMS, etiology/ *LIVER NEOPLASMS, pathology/ NEOPLASM METASTASIS/ NEOPLASMS, EXPERIMENTAL, etiology/ NEOPLASMS, EXPERIMENTAL, pathology/ NEOPLASMS, VASCULAR TISSUE, pathology/ PRECANCEROUS CONDITIONS, enzymology/ PRECANCEROUS CONDITIONS, pathology/ RATS/ REVIEW/ SARCOMA, pathology

8056. **Schedel F, Hennemann B, Reindl P:** Kontrollierte Studie zur Wirksamkeit einer externen Therapie bei oberflächennaher Thrombophlebitis. Fortschr Med 95(23):1557–60, 16 Jun 77 (Eng. Abstr.) **(Ger)**
DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, isolation & purification/ *HEPARINOID, administration & dosage/ HEPARINOID, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ OINTMENTS/ POSTOPERATIVE COMPLICATIONS/ THROMBOPHLEBITIS, blood/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology

8057. **Scheele K:** Der Einfluss körperlicher Belastung auf die Plättchen-Morphologie Fortschr Med 95(8):513–4, 24 Feb 77 **(Ger)**
ACID-BASE EQUILIBRIUM/ ADULT/ AGE FACTORS/ *BLOOD PLATELETS, physiology/ BLOOD/ *EXERTION/ HUMAN/ MALE/ MIDDLE AGE/ PHYSICAL EDUCATION AND TRAINING/ PLATELET AGGREGATION

8058. **Scheffel JW, Draper LR:** Spontaneous plaque-forming cells against autologous erythrocytes develop in cultures of normal rabbit appendix cells. Cell Immunol 26(1):54–67, Sep 76
ANIMAL/ *ANTIBODY PRODUCING CELLS/ ANTIBODY SPECIFICITY/ ANTIGENIC DETERMINANTS/ ANTIGENS/ *APPENDIX, immunology/ *AUTOANTIBODIES/ BLOOD/ CELLS, CULTURED/ COMPLEMENT/ *ERYTHROCYTES, immunology/ HEMOLYTIC PLAQUE TECHNIC/ IMMUNOSUPPRESSION/ LIPOPOLYSACCHARIDES/ LYMPH NODES, immunology/ MITOSIS/ POLYSACCHARIDES, BACTERIAL/ RABBITS/ SPLEEN, immunology/ TRYPSIN

8059. **Scheffel U, McIntyre PA, Evatt B, et al:** Evaluation of indium-111 as a new high photon yield gamma-emitting 'physiological' platelet label. Johns Hopkins Med J 140(6):285–93, Jun 77
ANIMAL/ *AUTORADIOGRAPHY, methods/ *BLOOD PLATELETS/ BLOOD PLATELETS, physiology/ CHROMIUM RADIOISOTOPES, diagnostic use/ COMPARATIVE STUDY/ GAMMA RAYS/ IN VITRO/ *INDIUM, diagnostic use/ RABBITS/ 8-HYDROXYQUINOLINE, diagnostic use

8060. **Scheid A:** Activation of parainfluenza viruses through host-dependent cleavage of an envelope glycoprotein. pp. 457–70.
In: Baltimore D, et al., ed. Animal virology. New York, Academic Press, 1976. W3 I322 v.4 1976.
CELL FUSION/ CELL LINE/ CHYMOTRYPSIN, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLYCOPROTEINS, analysis/ *GLYCOPROTEINS, metabolism/ MONOGRAPH/ PANCREATOPEPTIDASE, metabolism/ *PARA-INFLUENZA VIRUS TYPE 1, growth & development/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDES, analysis/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, metabolism

8061. **Scheid W, Traupe H:** Further studies on the mechanism involved in differential staining of BUdR-substituted Vicia faba chromosomes. Exp Cell Res 108(2):440–4, Sep 77
ACRIDINES, diagnostic use/ BROMODEOXYURIDINE/ *CHROMOSOMES, analysis/ CHROMOSOMES, drug effects/ *CYSTEAMINE, pharmacodynamics/ PLANTS, ultrastructure/ *POTASSIUM IODIDE, pharmacodynamics/ *STAINS AND STAINING/ TRYPSIN, pharmacodynamics

8062. **Scheinin TM:** Alaraajojen kirurgiset valtimosairaudet

vanhuksilla Duodecim 92(18):1057–69, 1976 **(Fin)**
ADULT/ AGE FACTORS/ AGED/ ANEURYSM, surgery/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ *ARTERIES, surgery/ ARTERIOSCLEROSIS OBLITERANS, surgery/ FEMORAL ARTERY, surgery/ HUMAN/ ILIAC ARTERY, surgery/ LEG, blood supply/ MIDDLE AGE/ POPLITEAL ARTERY, surgery/ THROMBOEMBOLISM, surgery

8063. **Schelling JL:** Interactions médicamenteuses et effets secondaires Schweiz Med Wochenschr 106(27):905–8, 3 Jul 76 (Eng. Abstr.) **(Fre)**
ADRENAL CORTEX HORMONES, pharmacodynamics/ *ALCOHOL, ETHYL, pharmacodynamics/ ANTIBIOTICS, pharmacodynamics/ *ANTICOAGULANTS, pharmacodynamics/ DIURETICS, pharmacodynamics/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ HUMAN/ *HYPOGLYCEMIC AGENTS, pharmacodynamics

8064. **Schellong G, Wessel P:** Hyperbilirubinämie durch subperiostales Kephalhämatom?
Monatsschr Kinderheilkd 125(5):448–9, May 77 **(Ger)**
BILIRUBIN, blood/ BIRTH INJURIES, blood/ BIRTH INJURIES, complications/ BIRTH WEIGHT/ FEMALE/ HEAD INJURIES, blood/ *HEAD INJURIES, complications/ HEMATOMA, blood/ *HEMATOMA, complications/ HUMAN/ INFANT, NEWBORN/ JAUNDICE, NEONATAL, blood/ *JAUNDICE, NEONATAL, etiology/ MALE/ *PERIOSTEUM

8065. **Schelp FP, Migasena P, Pongpaew P, et al:** Serum proteinase inhibitors and other serum proteins in protein-energy malnutrition. Br J Nutr 38(1):31–8, Jul 77
ALPHA MACROGLOBULINS, analysis/ ALPHA 1-ANTITRYPSIN, analysis/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ HAPTOGLOBINS, analysis/ HUMAN/ INDONESIA/ INFANT/ INFANT, NEWBORN/ INFECTION, complications/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PROTEIN-CALORIE MALNUTRITION, blood/ PROTEIN-CALORIE MALNUTRITION, complications/ *SERUM ALBUMIN, analysis/ THAILAND/ *TRANSFERRIN, analysis

8066. **Schenk H, Haralambus I, Leb G, et al:** Beeinflussung von Schilddrüsen-hormonspiegel, Blutgerinnung und Zöruloplasmin durch Ovulationshemmer.
Munch Med Wochenschr 119(28):941–4, 15 Jul 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION, drug effects/ *CERULOPLASMIN, metabolism/ *CHOLESTEROL, blood/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *CONTRACEPTIVES, ORAL, HORMONAL, pharmacodynamics/ ENGLISH ABSTRACT/ ETHINYL ESTRADIOL, pharmacodynamics/ FACTOR V/ FACTOR X/ FEMALE/ FIBRINOGEN/ HUMAN/ MESTRANOL, pharmacodynamics/ MIDDLE AGE/ PROGESTATIONAL HORMONES, pharmacodynamics/ PROTEIN-BOUND IODINE TEST/ PROTHROMBIN/ THROMBELASTOGRAPHY/ THROMBOPLASTIN/ *THYROXINE, blood

8067. **Schenkar DL, Roeckel IE, Bailey HL, et al:** Thrombocytopenia and its management in the surgical patient needing multiple reconstructive procedures.
Am J Surg 133(5):572–4, May 77
BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ CASE REPORT/ FEMALE/ HAND, abnormalities/ HAND, surgery/ HISTOCOMPATIBILITY TESTING/ HUMAN/ INFANT/ PREOPERATIVE CARE/ *SURGERY, OPERATIVE/ *THROMBOPENIA/ *THROMBOPENIA, complications/ THROMBOPENIA, diagnosis/ THROMBOPENIA, therapy

8068. **Schenkein I, Levy M, Franklin EC, et al:** Proteolytic enzymes from the mouse submaxillary gland. Specificity restricted to arginine residues. Arch Biochem Biophys 182(1):64–70, Jul 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *ARGININE/ INSULIN/ MICE/ MURAMIDASE/ PEPTIDE FRAGMENTS/ *PEPTIDE HYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SUBMANDIBULAR GLAND, enzymology

8069. **Scherperel P, Nouvelot A, Fruchart JC, et al:** Retentissement sur les lipides, sanguins et tissulaires, d'une émulsion lipidique artificielle, associée à des acides aminés essentiels et à du sorbitol, utilisée chez l'homme, en alimentation parentérale exclusive Ann Anesthesiol Fr 17(3):29–35, 1976 (Eng. Abstr.) **(Fre)**
ADIPOSE TISSUE, metabolism/ ADOLESCENCE/ ADULT/ *AMINO ACIDS, ESSENTIAL, administration & dosage/ AMINO ACIDS, ESSENTIAL, pharmacodynamics/ ARACHIDONIC ACIDS, metabolism/ BLOOD COAGULATION, drug effects/ CARDIOLIPINS, metabolism/ EMULSIONS/ ENGLISH ABSTRACT/ FATTY ACIDS, metabolism/ FEMALE/ HEMATOCRIT/ HUMAN/ *LIPIDS, administration & dosage/ LIPIDS, blood/ *LIPIDS, metabolism/ LIPIDS, pharmacodynamics/ MALE/ MIDDLE AGE/ *PARENTERAL FEEDING/ PHOSPHATIDYLETHANOLAMINES, metabolism/ *SORBITOL, administration & dosage/ SORBITOL, pharmacodynamics/ TRIGLYCERIDES, metabolism

8070. **Scherrer P, Quiniou-Vidalenc, Baleste JM:** Syndrome hystériforme masquant les signes de début d'une hémorragie intracrânienne due à un angiome
Ann Med Psychol (Paris) 2(3):486–93, Oct 76 **(Fre)**
*BRAIN NEOPLASMS, complications/ CASE REPORT/ CEREBRAL HEMORRHAGE, diagnosis/ *CEREBRAL HEMORRHAGE, etiology/ FEMALE/ *HEMANGIOMA, complications/ HUMAN/ *HYSTERIA, complications

8071. **Schettler G:** Nuevos resultados en la investigación clínica del metabolismo Folia Clin Int (Barc) 26(10):391–411, Oct 76 **(Spa)**
HUMAN/ *HYPERLIPEMIA, metabolism/ INTESTINAL ABSORPTION/ INTESTINE, SMALL, metabolism/ LIPOPROTEIN LIPASE, metabolism/ *LIPOPROTEINS, metabolism/ LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, metabolism/ LIPOPROTEINS, LDL, metabolism/ LIPOPROTEINS, VLDL, metabolism/ LIVER, enzymology/ LIVER, metabolism

8072. **Scheven C, Geyer G:** Die Formabhängigkeit der Dunkelfeld-Streulichtintensität menschlicher Erythrozyten Folia Haematol (Leipz) 103(6):893–9, 1976 (Eng. Abstr.) **(Ger)**
*BLOOD PRESERVATION/ ENGLISH ABSTRACT/ *ERYTHROCYTES, cytology/ HUMAN/ MICROSCOPY, INTERFERENCE

8073. **Schiessler A, Jaster HJ, Grosse-Siestrup C, et al:** Normalwerte beim Kalb. Biochemische, hämatologische und gerinnungsphysiologische Werte und Bestimmungen der Flüssigkeitskompartimente
Zentralbl Veterinaermed [A] 24(4):298–310, Apr 77 (Eng. Abstr.) **(Ger)**
ANIMAL/ BLOOD CELL COUNT/ BLOOD CHEMICAL ANALYSIS/ *BLOOD COAGULATION/ *BLOOD VOLUME/ *CATTLE, blood/ ENGLISH ABSTRACT/ HEMATOCRIT/ NORMAL VALUES/ PLASMA VOLUME

8074. **Schiessler H, Arnhold M, Ohlsson K, et al:** Inhibitors of acrosin and granulocyte proteinases from human genital tract secretions. Hoppe Seylers Z Physiol Chem 357(9):1251–60, Sep 76
*ACROSIN, antagonists & inhibitors/ ANIMAL/ CATHEPSIN, antagonists & inhibitors/ CATTLE/ CERVIX MUCUS, analysis/ CHYMOTRYPSIN, antagonists & inhibitors/ COMPARATIVE STUDY/ DOGS/ FEMALE/ *GENITALIA, secretion/ *GRANULOCYTES, enzymology/ HUMAN/ *LEUKOCYTES, enzymology/ MALE/ PANCREATOPEPTIDASE, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ SEMEN, analysis/ SWINE/ TRYPSIN INHIBITORS, isolation & purification

8075. **Schiessler H, Fink E, Fritz H:** Acid-stable proteinase inhibitors from human seminal plasma. Methods Enzymol 45:847-59, 1976
ACROSIN, antagonists & inhibitors/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN, antagonists & inhibitors/ *ENZYME INHIBITORS/ ENZYME INHIBITORS, isolation & purification/ ENZYME INHIBITORS, pharmacodynamics/ HUMAN/ LEUKOCYTES, enzymology/ MALE/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, blood/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ *SEMEN, physiology/ TRYPSIN INHIBITORS, pharmacodynamics

8076. **Schiessler H, Ohlsson K, Olsson I, et al:** Elastases from human and canine granulocytes, II. Interaction with protease inhibitors of animal, plant, and microbial origin. Hoppe Seylers Z Physiol Chem 358(1):53-8, Jan 77
ANIMAL/ DOGS/ *GRANULOCYTES, enzymology/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *LEUKOCYTES, enzymology/ *PANCREATOPEPTIDASE, antagonists & inhibitors/ PANCREATOPEPTIDASE, metabolism/ PLANTS/ STREPTOMYCES/ TRYPSIN INHIBITORS, pharmacodynamics

8077. **Schiffer CA, Aisner J, Wiernik PH:** Clinical experience with transfusion of cryopreserved platelets. Br J Haematol 34(3):377-85, Nov 76
BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ *CRYOPROTECTIVE AGENTS, pharmacodynamics/ DIMETHYL SULFOXIDE, pharmacodynamics/ FREEZING/ HL-A, analysis/ HUMAN/ TIME FACTORS

8078. **Schiffer CA, Whitaker CL, Schmukler M, et al:** The effect of dimethyl sulfoxide on in vitro platelet function. Thromb Haemostas 36(1):221-9, 31 Aug 76
BLOOD CELL COUNT/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *DIMETHYL SULFOXIDE, pharmacodynamics/ EPINEPHRINE/ HUMAN/ IN VITRO/ PLATELET AGGREGATION, drug effects

8079. **Schiffer CA, Aisner J, Wiernik PH:** Current status of granulocyte transfusion therapy. Prog Clin Biol Res 13:281-92, 1977 (41 ref.)
*AGRANULOCYTOSIS, therapy/ ANIMAL/ BACTERIAL INFECTIONS, complications/ *BACTERIAL INFECTIONS, therapy/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CELL SEPARATION, methods/ DISEASE MODELS, ANIMAL/ FILTRATION/ *GRANULOCYTES, transplantation/ HISTOCOMPATIBILITY TESTING/ HUMAN/ *LEUKOCYTES, transplantation/ MONILIASIS, complications/ MONILIASIS, therapy/ NEUTROPENIA, complications/ *NEUTROPENIA, therapy/ REVIEW

8080. **Schiffer CA:** Principles of granulocyte transfusion therapy. Med Clin North Am 61(5):1119-31, Sep 77 (75 ref.)
*AGRANULOCYTOSIS, therapy/ ANTIBIOTICS, therapeutic use/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CELL SEPARATION/ CENTRIFUGATION/ FILTRATION/ GRANULOCYTES, immunology/ *GRANULOCYTES, transplantation/ HISTOCOMPATIBILITY/ HL-A/ HUMAN/ INFECTION, blood/ INFECTION, complications/ *INFECTION, therapy/ LEUKEMIA, blood/ LEUKEMIA, complications/ LEUKEMIA, MYELOCYTIC, blood/ *LEUKOCYTES, transplantation/ RESEARCH DESIGN/ REVIEW

8081. **Schiffman S, Rimon A, Rapaport SI:** Factor XI and platelets: Evidence that platelets contain only minimal factor XI activity and antigen. Br J Haematol 35(3):429-36, Mar 77
*ANTIGENS/ BLOOD COAGULATION/ *BLOOD PLATELETS, immunology/ FACTOR IX/ FACTOR XI DEFICIENCY, blood/ *FACTOR XI/ FREEZING/ HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8082. **Schiffman S, Pecci R, Lee P:** Contact activation of factor XI: evidence that the primary role of contact activation cofactor (CAC) is to facilitate the activation of factor XII. Thromb Res 10(2):319-23, Feb 77
CHROMATOGRAPHY, AFFINITY/ FACTOR XI, isolation & purification/ *FACTOR XI, metabolism/ *FACTOR XII, metabolism/ HUMAN/ *KININOGENS, metabolism/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8083. **Schiffman S, Lee P, Feinstein DI, et al:** Relationship of contact activation cofactor (CAC) procoagulant activity to kininogen. Blood 49(6):935-45, Jun 77
ANIMAL/ ANTIGENIC DETERMINANTS/ BRADYKININ, pharmacodynamics/ CROSS REACTIONS/ FACTOR XI, immunology/ *FACTOR XI, physiology/ GEL DIFFUSION TESTS/ HUMAN/ *KININOGENS, physiology/ RABBITS/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8084. **Schiffter R, Straschill M:** Aura continua musicalis--Bericht über einen Krankheitsfall mit sensorischem Status epilepticus. Nervenarzt 48(6):321-5, Jun 77 **(Ger)**
ADULT/ CASE REPORT/ CEREBRAL HEMORRHAGE, complications/ CEREBRAL HEMORRHAGE, etiology/ CHOLECYSTECTOMY/ ELECTROENCEPHALOGRAPHY/ FEMALE/ *HALLUCINATIONS, etiology/ HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, surgery/ HEMIANOPSIA, etiology/ HUMAN/ *JACKSONIAN SEIZURE/ JACKSONIAN SEIZURE, etiology/ JACKSONIAN SEIZURE, physiopathology/ MUSIC/ *NEUROLEPTOANALGESIA, adverse effects

8085. **Schildkraut JJ, Orsulak PJ, Gudeman JE, et al:** Recent studies of the role of catecholamines in the pathophysiology and classification of depressive disorders. pp. 122-8.
In: Usdin E, et al., ed. Neuroregulators and psychiatric disorders. New York, Oxford Univ Press, 1977. WM 100 N494 1976.
BLOOD PLATELETS, enzymology/ DEPRESSION, blood/ DEPRESSION, classification/ DEPRESSION, enzymology/ *DEPRESSION, metabolism/ DEPRESSION, urine/ HUMAN/ LONGITUDINAL STUDIES/ METHOXYHYDROXYPHENYLGLYCOL, metabolism/ METHOXYHYDROXYPHENYLGLYCOL, urine/ MONOAMINE OXIDASE, blood/ MONOGRAPH/ *NOREPINEPHRINE, metabolism/ PSYCHOSES, MANIC-DEPRESSIVE, blood/ PSYCHOSES, MANIC-DEPRESSIVE, enzymology/ PSYCHOSES, MANIC-DEPRESSIVE, metabolism/ PSYCHOSES, MANIC-DEPRESSIVE, urine/ REMISSION/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8086. **Schill WB:** Die Behandlung männlicher Fertilitätsstörungen mit Kallikrein Dtsch Med Wochenschr 101(48):1773-8, 26 Nov 76 (64 ref.) **(Ger)**
ADMINISTRATION, ORAL/ ADMINISTRATION, TOPICAL/ CELL COUNT/ CELL MOVEMENT/ CERVIX MUCUS/ HUMAN/ INJECTIONS, INTRAVENOUS/ INSEMINATION, ARTIFICIAL/ KALLIKREIN, administration & dosage/ *KALLIKREIN, therapeutic use/ MALE/ REVIEW/ SPERMATOZOA, metabolism/ *STERILITY, MALE, drug therapy/ TIME FACTORS

8087. **Schill WB:** Quantitative determination of high molecular weight serum proteinase inhibitors in human semen. Andrologia 8(4):359-64, 1976
ADULT/ ALPHA 1-ANTITRYPSIN, analysis/ FRUCTOSE, analysis/ HUMAN/ MALE/ MIDDLE AGE/ OLIGOSPERMIA, enzymology/

PROSTATIC NEOPLASMS, enzymology/ *SEMEN, enzymology/ *TRYPSIN INHIBITORS, analysis

8088. **Schill WB:** Die Bedeutung von Akrosin und Proteinase-Inhibitoren für die menschliche Fortpflanzung Fortschr Med 95(12):790–2, 24 Mar 77 (Eng. Abstr.) **(Ger)**
ACROSIN, analysis/ *ACROSIN, metabolism/ ALPHA 1-ANTITRYPSIN, metabolism/ CERVIX MUCUS, enzymology/ ENGLISH ABSTRACT/ FEMALE/ *FERTILIZATION/ FREEZING/ HUMAN/ MALE/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ SPERMATOZOA, enzymology

8089. **Schiller CM, Huang TI, Heizer WD:** Isolation and characterization of four peptide hydrolases from the cytosol of rat intestinal mucosa. Gastroenterology 72(1):93–100, Jan 77 (51 ref.)
ANIMAL/ *CYTOSOL, enzymology/ ENZYME REPRESSION/ HYDROGEN-ION CONCENTRATION/ *INTESTINAL MUCOSA, enzymology/ INTESTINE, SMALL, enzymology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDES, metabolism/ RATS/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8090. **Schilling A, Hofstetter A, Marx FJ:** Urosepsis bis septischer Schock: I. Allgemeine und spezielle Pathophysiologie des septischen schodks. Urologe [A] 16(4):238–40, Jul 77 (Eng. Abstr.) **(Ger)**
ANGIOTENSIN, blood/ BLOOD COAGULATION/ BLOOD VISCOSITY/ CARDIAC OUTPUT/ ENGLISH ABSTRACT/ HUMAN/ MICROCIRCULATION/ OXYGEN CONSUMPTION/ RENIN, blood/ SHOCK, SEPTIC, blood/ *SHOCK, SEPTIC, physiopathology

8091. **Schiltz E, Schnackerz KD:** Sequence studies on D-serine dehydratase of Escherichia coli. Primary structure of the tryptic phosphopyridoxyl peptide and of the N-terminus. Eur J Biochem 71(1):109–16, Dec 76
AMINO ACID SEQUENCE/ CRYSTALLIZATION/ *ESCHERICHIA COLI, enzymology/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PYRIDOXAL PHOSPHATE, analysis/ *SERINE DEHYDRATASE/ SERINE DEHYDRATASE, isolation & purification/ TRYPSIN

8092. **Schimmel D, Pospisil Z, Schimmel I, et al:** Gerinnungsanalytische Untersuchungen bei Kolienterotoxämie der Schweine
Arch Exp Veterinaermed 31(1):15–27, 1977 (Eng. Abstr.) **(Ger)**
ANIMAL/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS/ *CLOSTRIDIUM INFECTIONS, veterinary/ ENGLISH ABSTRACT/ *ENTEROTOXEMIA, veterinary/ *ESCHERICHIA COLI INFECTIONS, veterinary/ FIBRINOGEN, analysis/ HEPARIN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ SHOCK, SEPTIC, blood/ *SWINE DISEASES, blood/ SWINE

8093. **Schimmel D, Schimmel I:** Einfluss von Pasteurella multocida und Pasteurella-multocida-Endotoxin auf gerinnungsanalytische Parameter nach experimenteller Verabreichung an Kälber. Arch Exp Veterinaermed 31(2):265–76, 1977 (Eng. Abstr.) **(Ger)**
AFIBRINOGENEMIA, etiology/ ANIMAL/ *BLOOD COAGULATION, drug effects/ CATTLE/ ENDOTOXINS, administration & dosage/ *ENDOTOXINS, pharmacodynamics/ ENGLISH ABSTRACT/ *PASTEURELLA/ SHOCK, SEPTIC, blood/ SHOCK, SEPTIC, etiology

8094. **Schimmer O, Hauber G:** Untersuchungen zur mutagenen wirksamkeit von cumarinderivaten in chlamydomonas. I. Der einfluss von licht verschiedener wellenlängen-bereiche auf die mutationsinduktion durch xanthotoxin in einer argininbedürftigen mutante.
Mutat Res 44(1):21–31, Jul 77 **(Ger)**
*ARGININE, metabolism/ *CHLAMYDOMONAS, drug effects/ *COUMARINS, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ LIGHT/ *MUTAGENS/ *MUTATION, radiation effects/ ULTRAVIOLET RAYS

8095. **Schimmer O:** Untersuchungen zur mutagenen Wirksamkeit von Cumarinderivaten in Chlamydomonas. II. Die Induktion extranucleärer Mutanten durch Xanthotoxin in Kombination mit langwelligem UV. Mutat Res 44(1):33–42, Jul 77 **(Ger)**
*CHLAMYDOMONAS, drug effects/ COMPARATIVE STUDY/ *COUMARINS, pharmacodynamics/ DRUG RESISTANCE/ *EXTRACHROMOSOMAL INHERITANCE/ METHYLNITRONITROSOGUANIDINE, pharmacodynamics/ *MUTAGENS/ *MUTATION, radiation effects/ ULTRAVIOLET RAYS

8096. **Schimpf K:** Substitutionsbehandlung bei Hämophilie. Akute Massnahmen und Komplikationen.
Wien Med Wochenschr 127(11):329–37, 10 Jun 77 **(Ger)**
BLOOD TRANSFUSION/ CHRISTMAS DISEASE, therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ FACTOR IX, administration & dosage/ FACTOR IX, therapeutic use/ FACTOR VIII, administration & dosage/ FACTOR VIII, therapeutic use/ HALF-LIFE/ HEMOPHILIA, complications/ HEMOPHILIA, drug therapy/ *HEMOPHILIA, therapy/ HUMAN/ MALE/ PLASMA/ PREDNISOLONE, therapeutic use

8097. **Schimpf K, Fischer B, Rothmann P:** Hemophilia A prophylaxis with factor VIII concentrate in a home-treatment program: a controlled study.
Scand J Haematol (30):79–80, 1977
ADULT/ CHILD/ CLINICAL RESEARCH/ *FACTOR VIII, therapeutic use/ FEMALE/ HEMOPHILIA, rehabilitation/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN/ MALE

8098. **Schiodt M:** To tilfaelde af trombocytopeni med orale manifestationer Tandlaegebladet 78(18):756–9, Sep 74 **(Dan)**
AGED/ CASE REPORT/ CHILD/ HEMORRHAGE, ORAL, prevention & control/ HUMAN/ MALE/ *ORAL MANIFESTATIONS/ *THROMBOPENIA, complications/ THROMBOPENIA, etiology

8099. **Schirren C, Kraatz HP:** Untersuchungen zur Akrosin- und Humanspermatrypsininhibitor-aktivität im menschlichen Sperma. I. Beziehungen zur Spermatozoendichte
Andrologia 8(3):249–54, 1976 (Eng. Abstr.) **(Ger)**
*ACROSIN/ ACROSIN, analysis/ DENSITOMETRY/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *SEMEN, analysis/ SPERMATOZOA, metabolism/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, analysis

8100. **Schirren C:** Differentialdiagnose des von den Normwerten abweichenden Spermiogramms Fortschr Med 94(34):2036–8, 2 Dec 76 (Eng. Abstr.) **(Ger)**
ANDROGENS, metabolism/ DENSITOMETRY/ EJACULATION/ ENGLISH ABSTRACT/ HUMAN/ MALE/ SPERM MOTILITY/ SPERMATOGENESIS/ *SPERMATOZOA, physiology/ *STERILITY, MALE, diagnosis/ STERILITY, MALE, physiopathology/ TESTIS, metabolism/ TRYPSIN INHIBITORS, metabolism

8101. **Schittek A, Demetriou AA, Seifter E, et al:** Microcrystalline collagen hemostat (MCCH) and wound healing.
Ann Surg 184(6):697–704, Dec 76
ADULT/ AGED/ ANIMAL/ BURNS, therapy/ COLLAGEN, therapeutic use/ FEMALE/ GRAFT REJECTION, drug effects/ *GRAFT SURVIVAL, drug effects/ HEMORRHAGE, drug therapy/ *HEMOSTATICS, therapeutic use/ HUMAN/ MALE/ MICE/ MIDDLE AGE/ RATS/ SKIN, transplantation/ SWINE/ TRANSPLANTATION, AUTOLOGOUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *WOUND HEALING, drug effects

8102. **Schlabach TD, Chang SH, Gooding KM, et al:** A continuous-flow enzyme detector for liquid chromatography. J Chromatogr 134(1):91–106, 1 Apr 77
ALCOHOL OXIDOREDUCTASES, analysis/ ALKALINE PHOSPHATASE, analysis/ AUTOANALYSIS/ CHROMATOGRAPHY, HIGH SPEED LIQUID, instrumentation/ CHROMATOGRAPHY, HIGH SPEED LIQUID, methods/ DITHIONITROBENZOIC ACID, pharmacodynamics/ *ENZYMES, analysis/ INDICATORS AND REAGENTS/ KINETICS/ LACTATE DEHYDROGENASE, analysis/ MATHEMATICS/ MICROCHEMISTRY/ SACCHAROMYCES CEREVISIAE, enzymology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN, analysis

8103. **Schlag G, Voigt WH, Schnells G, et al:** Die Ultrastruktur der menschlichen Lunge im Schock. I Anaesthesist 25(11):512–21, Nov 76 (Eng. Abstr.)
BIOPSY, NEEDLE/ BLOOD PLATELETS, ultrastructure/ CAPILLARIES, pathology/ ENGLISH ABSTRACT/ EPITHELIAL CELLS, ultrastructure/ GRANULOCYTES, ultrastructure/ HUMAN/ LIPIDS/ *LUNG, pathology/ MICROSCOPY, ELECTRON/ NEUTROPHILS, ultrastructure/ *SHOCK, pathology

8104. **Schlag G, Hass-Denk S, Wriedt-Lübbe I, et al:** Untersuchungen der fibrinolytischen Aktivität im Gewebe bei polytraumatisierten Patienten. Unfallheilkunde 80(6):269–73, Jun 77 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ PLASMINOGEN, metabolism/ *WOUNDS AND INJURIES, blood

8105. **Schleicher C, Baudisch E, Schickedanz H, et al:** Klinisch-angiographische Untersuchungen zu Komplikationen nach Anwendung von Verweilkathetern im Kindesalter Radiol Diagn (Berl) 17(3):351–62, 1976 (Eng. Abstr.) **(Ger)**
*CATHETERIZATION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ COLLATERAL CIRCULATION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALE/ THROMBOSIS, etiology

8106. **Schleider MA, Nachman RL, Jaffe EA, et al:** A clinical study of the lupus anticoagulant. Blood 48(4):499–509, Oct 76
*ANTICOAGULANTS, analysis/ BLOOD COAGULATION TESTS/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ THROMBOPLASTIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8107. **Schleifer KH, Schumacher-Perdreau F, Götz F, et al:** Chemical and biochemical studies for the differentiation of coagulase-positive staphylococci. Arch Microbiol 110(23):263–70, 2 Nov 76
ACETYLGLUCOSAMINE, analysis/ AMINO ACIDS, analysis/ ANIMAL/ CELL WALL, analysis/ COAGULASE/ GLUCOSE, analysis/ HUMAN/ LACTATE DEHYDROGENASE ISOENZYMES, analysis/ LACTATES, analysis/ MURAMIC ACIDS, analysis/ NAPHTHOL AS D ESTERASE, analysis/ STAPHYLOCOCCUS AUREUS, analysis/ *STAPHYLOCOCCUS AUREUS, classification/ STAPHYLOCOCCUS AUREUS, enzymology/ STEREOISOMERS

8108. **Schlenzka D, Schwesinger G:** Hämangiom des Olecranon Beitr Orthop Traumatol 23(9):505–8, Sep 76 **(Ger)**
*BONE NEOPLASMS/ CASE REPORT/ CHILD/ FEMALE/ *HEMANGIOMA/ HUMAN/ *ULNA

8109. **Schlesinger DH, Hay DI:** Complete covalent structure of statherin, a tyrosine-rich acidic peptide which inhibits calcium phosphate precipitation from human parotid saliva. J Biol Chem 252(5):1689–95, 10 Mar 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *CALCIUM PHOSPHATES, metabolism/ DEPRESSION, CHEMICAL/ HUMAN/ *PAROTID GLAND, metabolism/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ *PEPTIDES/ PEPTIDES, physiology/ *SALIVA, metabolism/ STAPHYLOCOCCUS, enzymology/ TRYPSIN/ TYROSINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8110. **Schlesinger M:** Cell surface receptors and lymphocyte migration. Immunol Commun 5(9):775–93, 1976 (54 ref.)
ANIMAL/ ANTIBODIES/ ANTIGENS/ B-LYMPHOCYTES/ BINDING SITES/ CELL MEMBRANE, immunology/ *CELL MOVEMENT/ CHEMOTAXIS, LEUKOCYTE/ CHICK EMBRYO/ IMMUNOGLOBULINS, FAB/ *LYMPHOCYTES, immunology/ MICE/ NEURAMINIDASE, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ REVIEW/ T-LYMPHOCYTES/ TRYPSIN, pharmacodynamics

8111. **Schlessinger J, Elson EL, Webb WW, et al:** Receptor diffusion on cell surfaces modulated by locally bound concanavalin A. Proc Natl Acad Sci USA 74(3):1110–4, Mar 77
ANTIGEN-ANTIBODY COMPLEX/ *ANTIGENS, NEOPLASM/ BLOOD PLATELETS/ CELL LINE/ CELL MEMBRANE, immunology/ *CELL MEMBRANE, physiology/ CELL MEMBRANE, ultrastructure/ DEMECOLCINE, pharmacodynamics/ DIFFUSION/ PODOPHYLLOTOXIN, pharmacodynamics/ *RECEPTORS, CONCANAVALIN A, physiology/ *RECEPTORS, DRUG, physiology/ SOLUBILITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VINBLASTINE, pharmacodynamics

8112. **Schleuning WD, Schiessler H, Fink E, et al:** Proteinases and proteinase inhibitors in fertilization. p. 405. In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
ANIMAL/ CERVIX MUCUS, physiology/ EPIDIDYMIS, physiology/ FEMALE/ *FERTILIZATION/ HUMAN/ MALE/ MOLECULAR WEIGHT/ MONOGRAPH/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PROTEINS, physiology/ RATS/ SEMINAL VESICLES, physiology/ *SPERMATOZOA, enzymology/ TESTIS, physiology

8113. **Schleuning WD, Fritz H:** Sperm acrosin. Methods Enzymol 45:330–42, 1976
*ACROSIN/ ACROSIN, analysis/ ACROSIN, isolation & purification/ AMINO ACIDS, analysis/ ANIMAL/ CHROMATOGRAPHY, AFFINITY/ ESTERASES, analysis/ ESTERASES, isolation & purification/ HUMAN/ MALE/ METHODS/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ SPECIES SPECIFICITY/ SPERMATOZOA, enzymology/ SWINE

8114. **Schlichting K, Heidrich H:** Einfluss von Isoxsuprine auf die Blutviskosität Vasa 5(1):51–3, 1976 (Eng. Abstr.) **(Ger)**
ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *BLOOD VISCOSITY, drug effects/ ENGLISH ABSTRACT/ HUMAN/ *ISOXSUPRINE, therapeutic use

8115. **Schlosser V, Spillner G:** Zur Prophylaxe und Behandlung der Thromboembolie Hippokrates 48(2):162–8, May 77 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ BANDAGES/ HUMAN/ MIDDLE AGE/ *THROMBOEMBOLISM, prevention & control/ THROMBOEMBOLISM, surgery

8116. **Schlosser V, Spillner G, Kaiser W:** Prevention of pulmonary embolism by inferior vena cava filters: results in 62 cases. World J Surg 1(1):113–6, Jan 77
*FILTRATION, instrumentation/ HUMAN/ *PULMONARY EMBOLISM, prevention & control/ *VENA CAVA, INFERIOR/ VENA CAVA, INFERIOR, physiopathology

8117. **Schlosser V, Spillner G, Herdter F, et al:** Die Bedeutung heterologer Implantate in der Herz- und Gefässchirurgie Munch Med Wochenschr 119(17):583–6, 29 Apr 77 (Eng. Abstr.) **(Ger)**
ANTICOAGULANTS, administration & dosage/ AORTIC VALVE, transplantation/ *BLOOD

VESSEL PROSTHESIS/ BLOOD VESSEL PROSTHESIS, adverse effects/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEMODYNAMICS/ HUMAN/ MALE/ METHODS/ MITRAL VALVE, transplantation/ POLYETHYLENE TEREPHTHALATE, therapeutic use/ PROSTHESIS DESIGN/ SWINE/ THIGH, blood supply/ TRANSPLANTATION, HETEROLOGOUS

8118. **Schmandke H:** Die partielle enzymatische Hydrolyse von Proteinen als eine Möglichkeit zur gezielten Modifizierung ihrer funktionellen Eigenschaften Nahrung 21(3):263–7, 1977 **(Ger)**
CHEMISTRY/ FISH PRODUCTS/ HYDROLYSIS/ MILK PROTEINS/ *PEPTIDE HYDROLASES/ PLANT PROTEINS/ *PROTEINS

8119. **Schmell E, Earles BJ, Breaux C, et al:** Identification of a sperm receptor on the surface of the eggs of the sea urchin Arbacia punctulata. J Cell Biol 72(1):35–46, Jan 77
ANIMAL/ CELL MEMBRANE/ CONCANAVALIN A, antagonists & inhibitors/ CONCANAVALIN A, pharmacodynamics/ *EGG PROTEINS, metabolism/ *FERTILIZATION/ FERTILIZATION, drug effects/ *GLYCOPROTEINS, metabolism/ METHYLMANNOSIDES, pharmacodynamics/ *OVUM, metabolism/ OVUM, ultrastructure/ SEA URCHINS/ SPECIES SPECIFICITY/ *SPERMATOZOA, metabolism/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8120. **Schmid JF, Berchtold R:** Ist der splenektomierte Patient ein Dauerinvalider? Praxis 65(50):1555–7, 14 Dec 76 **(Ger)**
ADULT/ ANEMIA, HEMOLYTIC, surgery/ HODGKIN'S DISEASE, surgery/ HUMAN/ HYPERTENSION, PORTAL, surgery/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, etiology/ INFANT/ LIVER CIRRHOSIS, surgery/ PURPURA, THROMBOPENIC, surgery/ *SPLENECTOMY, adverse effects/ THALASSEMIA, surgery

8121. **Schmid K, Nimerg RB, Kimura A, et al:** The carbohydrate units of human plasma alpha1-acid glycoprotein. Biochim Biophys Acta 492(2):291–302, 24 Jun 77
AMINO ACID SEQUENCE/ CARBOHYDRATES, analysis/ CHYMOTRYPSIN/ GLYCOPEPTIDES/ HUMAN/ MOLECULAR WEIGHT/ *OROSOMUCOID, analysis/ PRONASE/ SIALIC ACIDS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8122. **Schmid M:** Klinik der Leberinsuffizienz. Leber Magen Darm 7(4):236–40, Aug 77 (Eng. Abstr.) **(Ger)**
ACIDOSIS, etiology/ AMMONIA, metabolism/ BLOOD COAGULATION DISORDERS, etiology/ CARBOHYDRATES, metabolism/ ENGLISH ABSTRACT/ ESTROGENS, metabolism/ HEPATIC COMA/ HUMAN/ JAUNDICE, etiology/ LACTATES/ *LIVER DISEASES/ LIVER DISEASES, physiopathology/ NEUROLOGIC MANIFESTATIONS/ PROGNOSIS

8123. **Schmid-Schönbein H, Volger E:** Red-cell aggregation and red-cell deformability in diabetes. Diabetes 25(2 SUPPL):897–902, 1976
BLOOD PROTEINS, metabolism/ BLOOD VISCOSITY/ DIABETES MELLITUS, prevention & control/ *DIABETES MELLITUS, physiopathology/ *DIABETIC ANGIOPATHIES, etiology/ DIABETIC COMA, physiopathology/ DIABETIC RETINOPATHY, physiopathology/ *ERYTHROCYTE AGGREGATION, INTRAVASCULAR, physiopathology/ *ERYTHROCYTES, ABNORMAL, physiopathology/ HEMATOCRIT/ HUMAN/ INFECTION, physiopathology/ RHEOLOGY

8124. **Schmid-Schönbein H:** Microrheology of erythrocytes, blood viscosity, and the distribution of blood flow in the microcirculation. Int Rev Physiol 9:1–62, 1976
ANIMAL/ *BLOOD VISCOSITY/ CAPILLARIES, physiology/ CAPILLARY RESISTANCE/ CATS/ CATTLE/ DOGS/ ERYTHROCYTE AGGREGATION/ ERYTHROCYTES, cytology/ *ERYTHROCYTES, physiology/ GUINEA PIGS/ HAMSTERS/ HEMODYNAMICS/ HORSES/ HUMAN/ *MICROCIRCULATION, physiology/ PHOTOMETRY, instrumentation/ RABBITS/ RATS/ REGIONAL BLOOD FLOW/ *RHEOLOGY/ SWINE/ VASCULAR RESISTANCE

8125. **Schmid-Schönbein H:** Critical closing pressure or yield shear stress as the cause of disturbed peripheral circulation? Acta Chir Scand [Suppl] (465):10–9, 1976
ANIMAL/ *BLOOD CIRCULATION/ BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ CELL ADHESION/ HUMAN/ THROMBOSIS/ *VASCULAR DISEASES, physiopathology/ *VASOMOTOR SYSTEM, physiopathology

8126. **Schmid-Schönbein H, Rieger H, Hess H:** Quantitative Erfassung der Effekte fibrinolytischer Therapie auf das Fliessverhalten des Blutes Klin Wochenschr 55(3):111–9, 1 Feb 77 (Eng. Abstr.) **(Ger)**
BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY, drug effects/ ENGLISH ABSTRACT/ *ERYTHROCYTE AGGREGATION, drug effects/ FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN/ METHODS/ PHOTOMETRY/ PLASMA/ RHEOLOGY/ ROTATION/ *STREPTOKINASE, pharmacodynamics

8127. **Schmid-Schönbein H, Rieger H, Zander R:** Microrheology of erythrocytes and platelets: physiological basis and consequences for the design and the operation of extracorporeal circulatory devices. pp. 163–76. In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.
BIOMEDICAL ENGINEERING/ *BLOOD PLATELETS, physiology/ ERYTHROCYTE MEMBRANE, physiology/ *ERYTHROCYTES, physiology/ ERYTHROCYTES, ABNORMAL, physiology/ *EXTRACORPOREAL CIRCULATION, instrumentation/ HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ HUMAN/ MONOGRAPH/ PLATELET AGGREGATION, drug effects/ *RHEOLOGY

8128. **Schmidt B, Sutor H, Lorenz H:** Hämostaseveränderungen durch Plättchenaggregationshemmer bei Kindern mit Herzvitien (in vivo- und in vitro-Untersuchungen) Klin Paediatr 188(5):424–9, Sep 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ *ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CYANOSIS/ *DIPYRIDAMOLE, pharmacodynamics/ DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ HEART DEFECTS, CONGENITAL, complications/ *HEART DEFECTS, CONGENITAL, drug therapy/ *HEMOSTASIS, drug effects/ HUMAN/ TIME FACTORS

8129. **Schmidt B:** Vorkommen und Häufigkeit von Orbitatumoren in Athiopien Klin Monatsbl Augenheilkd 169(5):628–32, Nov 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGE FACTORS/ BURKITT'S LYMPHOMA, occurrence/ CARCINOMA, EPIDERMOID, occurrence/ CHILD/ ENGLISH ABSTRACT/ ETHIOPIA/ HEMANGIOMA, occurrence/ HUMAN/ NEURILEMMOMA, occurrence/ NEUROFIBROMA, occurrence/ *ORBITAL NEOPLASMS, occurrence/ RETINOBLASTOMA, occurrence

8130. **Schmidt D:** Der septische Schock Zentralbl Chir 101(18):1089–102, 1976 (43 ref.) **(Ger)**
BLOOD VOLUME/ CARDIAC GLYCOSIDES, therapeutic use/ FEVER, therapy/ FIBRINOLYTIC AGENTS, therapeutic use/ GLUCOCORTICOIDS, therapeutic use/ HEART, physiopathology/ HEMODYNAMICS/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY, physiopathology/ LIVER, physiopathology/ LUNG, physiopathology/

MICROCIRCULATION/ OXYGEN INHALATION THERAPY/ PARENTERAL FEEDING/ REVIEW/ *SHOCK, SEPTIC/ SHOCK, SEPTIC, diagnosis/ SHOCK, SEPTIC, etiology/ SHOCK, SEPTIC, physiopathology/ SHOCK, SEPTIC, therapy/ VASOCONSTRICTOR AGENTS, therapeutic use/ VASODILATOR AGENTS, therapeutic use

8131. **Schmidt E, Schwarzendorfer W:** Natürliche Proteinasen-Inhibitoren Pharm Unserer Zeit 6(2):31–41, Mar 77 **(Ger)**
CHEMISTRY/ *PEPTIDE HYDROLASES, antagonists & inhibitors

8132. **Schmidt GB:** Prophylaxis of pulmonary complications following abdominal surgery, including atelectasis, ARDS, and pulmonary embolism. Surg Annu 9:29–73, 1977 (367 ref.)
*ABDOMEN, surgery/ AGE FACTORS/ ANESTHESIA/ *ATELECTASIS, prevention & control/ HUMAN/ INTERMITTENT POSITIVE PRESSURE BREATHING (IPPB)/ *LUNG DISEASES, prevention & control/ LUNG, physiopathology/ OBESITY, complications/ OXYGEN INHALATION THERAPY/ POSITIVE-PRESSURE RESPIRATION/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ POSTURE/ PREOPERATIVE CARE/ *PULMONARY EMBOLISM, prevention & control/ *RESPIRATORY DISTRESS SYNDROME, ADULT, prevention & control/ RESPIRATORY TRACT DISEASES, complications/ RESPIRATORY TRACT INFECTIONS, complications/ REVIEW/ RISK/ SEPTICEMIA, complications/ TIME FACTORS

8133. **Schmidt K, Bátora J:** Vorkommen des Leberhämangioendothelioms bei Arbeitern, die lang dauernd dem Vinyl-chlorid ausgesetzt waren
Z Aerztl Fortbild (Jena) 70(19):1020–2, 1 Oct 76 **(Ger)**
ADULT/ CARCINOGENS/ CASE REPORT/ *HEMANGIOENDOTHELIOMA, chemically induced/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ *LIVER NEOPLASMS, chemically induced/ LIVER NEOPLASMS, pathology/ MALE/ MIDDLE AGE/ *OCCUPATIONAL DISEASES, chemically induced/ TIME FACTORS/ *VINYL CHLORIDE, adverse effects/ *VINYL COMPOUNDS, adverse effects

8134. **Schmidt KG:** Diagnostic usefulness of a newly described method for the quantitative determination of platelet aggregates in cases of deep venous thrombosis.
Dan Med Bull 23(5):249–50, Oct 76
HUMAN/ LEG/ METHODS/ *PLATELET AGGREGATION/ *THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, diagnosis

8135. **Schmidt M, Koschinsky JH, Stich W, et al:** Neue Methode zur Thrombozyten-Zählung. Methode zur elektronischen Zählung niedriger Thrombozyten-Konzentrationen des peripheren Blutes Fortschr Med 94(7):388–94, 4 Mar 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ BLOOD CELL COUNT, instrumentation/ *BLOOD CELL COUNT, methods/ *BLOOD PLATELETS/ BLOOD SPECIMEN COLLECTION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ THROMBOPENIA, diagnosis

8136. **Schmidt NJ, Lennette EH:** Improved yields of cell-free varicella-zoster virus. Infect Immun 14(3):709–15, Sep 76
ANTIGENS, VIRAL, analysis/ CELL-FREE SYSTEM/ CYTOPATHOGENIC EFFECT, VIRAL/ EDTA/ GLASS/ SONICATION/ TEMPERATURE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VARICELLA-ZOSTER VIRUS, growth & development/ VARICELLA-ZOSTER VIRUS, immunology/ *VIRUS CULTIVATION

8137. **Schmidt OP:** Medikamentöse Therapie bronchosekretorischer Störungen Med Klin 72(5):145–60, 4 Feb 77 (98 ref.) **(Ger)**
ACETYLCYSTEINE, therapeutic use/ ADRENAL CORTEX HORMONES, therapeutic use/ BROMHEXINE, therapeutic use/ BRONCHI, secretion/ *BRONCHIAL DISEASES, drug therapy/ CILIA/ DETERGENTS, therapeutic use/ EXPECTORANTS, pharmacodynamics/ *EXPECTORANTS, therapeutic use/ HUMAN/ MUCOUS MEMBRANE, drug effects/ MUCUS, drug effects/ MUCUS, secretion/ PARASYMPATHOMIMETICS, therapeutic use/ PEPTIDE HYDROLASES, pharmacodynamics/ REFLEX/ REVIEW/ WATER, therapeutic use

8138. **Schmidt RH, Morris HA, Castberg HB, et al:** Hydrolysis of milk proteins by bacteria used in cheese making.
J Agric Food Chem 24(6):1106–13, Nov–Dec 76
CELL FRACTIONATION/ CHEESE/ CULTURE MEDIA/ DIPEPTIDASES, metabolism/ HYDROLYSIS/ *MILK PROTEINS, metabolism/ *PEPTIDE HYDROLASES, metabolism/ RIBOSOMES, metabolism/ SPECIES SPECIFICITY/ *STREPTOCOCCUS, enzymology/ STREPTOCOCCUS, growth & development/ SUBCELLULAR FRACTIONS, enzymology

8139. **Schmidt U, Trautwein G, Hertrampf B, et al:** Thrombozytopenische Purpura beim Saugferkel. Morphologische, hämatologische und serologische Untersuchungen. Zentralbl Veterinaermed [B] 24(5):386–97, 1977 (Eng. Abstr.) **(Ger)**
ANIMAL/ ANIMALS, NEWBORN/ ENGLISH ABSTRACT/ PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, pathology/ *PURPURA, THROMBOPENIC, veterinary/ SWINE DISEASES, immunology/ *SWINE DISEASES, pathology/ SWINE

8140. **Schmidt UJ, Brüschke G, Schulz FH:** Die Besonderheiten der Pharmakotherapie im Alter.
Z Aerztl Fortbild (Jena) 71(8):371–6, 15 Apr 77 **(Ger)**
AGE FACTORS/ AGED/ ANTICOAGULANTS, administration & dosage/ ANTIDEPRESSIVE AGENTS, administration & dosage/ ANTIHYPERTENSIVE AGENTS, administration & dosage/ DRUG INCOMPATIBILITY/ *DRUG THERAPY/ HUMAN/ TRANQUILIZING AGENTS, administration & dosage

8141. **Schmidt W, Havemann K:** Characterisation of elastase and chymotrypsin from human granulocyte lysosomes. p. 406.

In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
*CHYMOTRYPSIN/ CHYMOTRYPSIN, blood/ *GRANULOCYTES, enzymology/ HUMAN/ *LEUKOCYTES, enzymology/ *LYSOSOMES, enzymology/ MOLECULAR WEIGHT/ MONOGRAPH/ *PANCREATOPEPTIDASE/ PANCREATOPEPTIDASE, blood

8142. **Schmidt W, Jähnchen E:** Stereoselective drug distribution and anticoagulant potency of the enantiomers of phenprocoumon in rats. J Pharm Pharmacol 29(5):266–71, May 77
ANIMAL/ *ANTICOAGULANTS/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, metabolism/ IN VITRO/ KINETICS/ LIVER, metabolism/ MALE/ *PHENPROCOUMON, metabolism/ PHENPROCOUMON, pharmacodynamics/ PROTEIN BINDING/ RATS/ RATS, INBRED STRAINS/ STEREOISOMERS/ TIME FACTORS/ *4-HYDROXYCOUMARINS, metabolism

8143. **Schmitt HP:** Rupturen und Thrombosen der Arteria vertebralis nach gedeckten mechanischen Insulten Schweiz Arch Neurol Neurochir Psychiatr 119(2):363–79, 1976 (Eng. Abstr.) **(Ger)**
ADULT/ *ARTERIAL OCCLUSIVE DISEASES, etiology/ AUTOPSY/ CERVICAL VERTEBRAE, injuries/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MALPRACTICE/ MIDDLE AGE/ RUPTURE/ *THROMBOSIS, etiology/ TRACTION, adverse effects/ *VERTEBRAL ARTERY, injuries

8144. **Schmitt HP, Gladisch R:** Multiple Frakturen des Atlas mit zweizeitiger tödlicher Vertebralisthrombose nach Schleudertrauma der Halswirbelsäule
Arch Orthop Unfallchir 87(2):235–44, 28 Feb 77 (Eng. Abstr.) **(Ger)**
ACCIDENTS, TRAFFIC/ *ATLAS, injuries/ AUTOPSY/ CASE REPORT/ ENGLISH

ABSTRACT/ *FRACTURES, complications/ FRACTURES, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOSIS, complications/ THROMBOSIS, pathology/ *VERTEBRAL ARTERY, injuries/ *WHIPLASH INJURIES, complications/ WHIPLASH INJURIES, pathology

8145. **Schmitz W:** Tumoren des Herzens
Munch Med Wochenschr 119(18):633-4, 6 May 77 (Ger)
*HEART NEOPLASMS, diagnosis/ HEART NEOPLASMS, pathology/ HEMANGIOMA, diagnosis/ HUMAN/ LEIOMYOMA, diagnosis/ MESOTHELIOMA, diagnosis/ MYXOMA, diagnosis

8146. **Schnall AM, Genuth SM:** Multiple endocrine adenomas in a patient with the Maffucci syndrome. Am J Med 61(6):952-6, Dec 76
ADENOMA, CHROMOPHOBE, complications/ *ADENOMATOSIS, FAMILIAL ENDOCRINE, complications/ ADOLESCENCE/ ADULT/ *ANGIOMATOSIS, complications/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ *DYSCHONDROPLASIA, complications/ DYSCHONDROPLASIA, radiography/ FEMALE/ HEMANGIOMA, complications/ HUMAN/ HYPERCALCEMIA, complications/ INFANT/ INFANT, NEWBORN/ MALE/ *NEOPLASMS, MULTIPLE PRIMARY, complications/ NEURILEMMOMA, complications/ PARATHYROID NEOPLASMS, complications/ PERIPHERAL NERVE NEOPLASMS, complications/ PITUITARY NEOPLASMS, complications/ *SKIN NEOPLASMS, complications/ SYNDROME/ THORACIC RADIOGRAPHY

8147. **Schneegans E, Mayer G, Burgun P, et al:** Le facteur Stuart. A propos d'un cas de déficit congénital Pediatrie 31(1):17-31, Jan-Feb 76 (Eng. Abstr.) (Fre)
CASE REPORT/ ENGLISH ABSTRACT/ *FACTOR X DEFICIENCY, congenital/ FACTOR X DEFICIENCY, familial & genetic/ HUMAN/ *HYPOPROTHROMBINEMIAS, congenital/ IN VITRO/ INFANT/ INFANT, NEWBORN/ MALE/ PEDIGREE

8148. **Schneeman BO, Chang I, Smith LB, et al:** Effect of dietary amino acids, casein, and soybean trypsin inhibitor on pancreatic protein secretion in rats. J Nutr 107(2):281-8, Feb 77
*AMINO ACIDS, metabolism/ ANIMAL/ *CASEIN, metabolism/ DIETARY PROTEINS, metabolism/ INTESTINES, metabolism/ MALE/ *PANCREAS, secretion/ PANCREATIC JUICE, metabolism/ PHENYLALANINE, metabolism/ PROTEINS, secretion/ RATS/ *TRYPSIN INHIBITOR, KUNITZ SOYBEAN, pharmacodynamics/ *TRYPSIN INHIBITORS, pharmacodynamics/ TRYPTOPHAN, metabolism

8149. **Schneeman BO, Nasset ES:** Stimulation of enzyme, protein, and DNA output from a jejunal fistula in the rat. Proc Soc Exp Biol Med 154(2):250-3, Feb 77
*ALKALINE PHOSPHATASE, metabolism/ ANIMAL/ *DNA, metabolism/ EGG WHITE/ INTESTINAL FISTULA/ INTESTINAL MUCOSA, metabolism/ JEJUNUM, enzymology/ *JEJUNUM, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *PROTEINS, metabolism/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8150. **Schneeman BO, Lyman RL:** Distribution of cholecystokinin activity in the rat small intestine. Digestion 15(1):28-33, 1977
ANIMAL/ CHOLECYSTOKININ, administration & dosage/ *CHOLECYSTOKININ, metabolism/ CHOLECYSTOKININ, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GALLBLADDER, drug effects/ *INTESTINAL MUCOSA, metabolism/ *INTESTINE, SMALL, metabolism/ MALE/ MUSCLE CONTRACTION, drug effects/ PANCREAS, secretion/ RATS/ SECRETORY RATE, drug effects/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN, pharmacodynamics

8151. **Schneider B, Schnells G, Trentz O, et al:** Feldstudie über den therapeutischen Wert von Trasylol beim traumatischen Schock Chirurg 47(4):185-8, Apr 76 (Eng. Abstr.) (Ger)
DRUG EVALUATION/ ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PROGNOSIS/ *SHOCK, TRAUMATIC, drug therapy/ TIME FACTORS

8152. **Schneider B:** Ergebnisse einer Feldstudie über den therapeutischen Wert von Aprotinin beim traumatischen Schock Arzneim Forsch 26(8):1606-10, 1976 (Eng. Abstr.) (Ger)
ADOLESCENCE/ ADULT/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ *SHOCK, TRAUMATIC, drug therapy/ TIME FACTORS

8153. **Schneider H, Beller FK:** Fall einer Cumarinnekrose nach Kaiserschnitt Med Welt 28(9):432-3, 4 Mar 77 (Ger)
ADULT/ CESAREAN SECTION/ *COUMARINS, adverse effects/ COUMARINS, therapeutic use/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ NECROSIS/ PREGNANCY/ THROMBOSIS, drug therapy

8154. **Schneider J, Schacht RG:** Chyluria in an adolescent hemophiliac. A discussion of diagnosis and management. Clin Pediatr (Phila) 16(10):959-60, Oct 77
ADOLESCENCE/ CASE REPORT/ *CHYLE, analysis/ DIETARY PROTEINS/ *FISTULA, complications/ FISTULA, radiography/ *HEMOPHILIA, complications/ HUMAN/ *KIDNEY/ LYMPHATIC DISEASES, diet therapy/ LYMPHATIC DISEASES, radiography/ *LYMPHATIC SYSTEM/ LYMPHOGRAPHY/ MALE/ PROTEINURIA, diet therapy/ *URINARY FISTULA, complications/ *URINE, analysis

8155. **Schneider MD:** Functional aspects of blood platelets in irradiated burros. Am J Vet Res 38(2):209-16, Feb 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ AORTA, analysis/ AORTA, radiation effects/ BLOOD CELL COUNT/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, radiation effects/ COLLAGEN/ *PERISSODACTYLA, blood/ *PLATELET AGGREGATION, drug effects/ TISSUE EXTRACTS, analysis/ *TISSUE EXTRACTS, pharmacodynamics/ TISSUE EXTRACTS, radiation effects/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8156. **Schneider ML, Hoppenrath H:** Die Jet-Wash-Technik Geburtshilfe Frauenheilkd 36(8):625-30, Aug 76 (Eng. Abstr.) (Ger)
ADENOCARCINOMA, diagnosis/ ADENOCARCINOMA, pathology/ CENTRIFUGATION/ CERVIX NEOPLASMS, diagnosis/ *CYTODIAGNOSIS, methods/ DIAGNOSTIC ERRORS/ ENDOMETRIUM, pathology/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ IRRIGATION/ *PRECANCEROUS CONDITIONS, diagnosis/ THROMBIN/ *UTERINE NEOPLASMS, diagnosis/ UTERINE NEOPLASMS, pathology

8157. **Schneider P, Goeckenjan G, Jungblut R:** Lymphographie mit öligen Kontrastmitteln--Komplikationen und Kontraindikationen Radiologe 16(10):432-5, Oct 76 (41 ref.) (Eng. Abstr.) (Ger)
ENGLISH ABSTRACT/ HUMAN/ *IODIZED OILS, adverse effects/ LUNG, physiopathology/ *LYMPHOGRAPHY, adverse effects/ PULMONARY CIRCULATION/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, physiopathology/ REVIEW

8158. **Schneider P, Pappritz G:** Hairs causing pulmonary emboli. A rare complication in long-term intravenous studies in dogs. Vet Pathol 13(5):394-400, 1976
ANIMAL/ *DOG DISEASES, etiology/ DOG DISEASES, pathology/ DOGS/ FOREIGN BODIES, complications/ FOREIGN BODIES, pathology/ *FOREIGN BODIES, veterinary/ *HAIR/ INJECTIONS, INTRAVENOUS, adverse effects/ *INJECTIONS, INTRAVENOUS,

veterinary/ *LUNG/ LUNG, pathology/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, pathology/ *PULMONARY EMBOLISM, veterinary

8159. **Schneider R, Dürr HK, Bode JC:** Bestimmung von Chymotrypsin im Stuhl als Suchtest für eine exokrine Pankreasinsuffizienz: Untersuchungen zur Zuverlässigkeit verschiedener Methoden. Verh Dtsch Ges Inn Med 82 Pt 1:952–4, 1976 **(Ger)**
*CHYMOTRYPSIN, metabolism/ ENZYME TESTS, methods/ *ENZYME TESTS, standards/ *FECES, enzymology/ HUMAN/ *PANCREATIC DISEASES, diagnosis

8160. **Schneider SL, Dao TL:** Effect of Ca2+ and salt on forms of estradiol cytoplasmic receptor in human neoplastic breast tissue. Cancer Res 37(2):382–7, Feb 77
BREAST NEOPLASMS, enzymology/ *BREAST NEOPLASMS, metabolism/ *CALCIUM, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOSOL, metabolism/ *ESTRADIOL, metabolism/ FEMALE/ HUMAN/ IN VITRO/ PEPTIDE HYDROLASES, metabolism/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ *POTASSIUM CHLORIDE, pharmacodynamics/ *RECEPTORS, ESTROGEN, drug effects/ SERINE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8161. **Schneider VI, Tenner A:** Riesige seröse Netzhautabhebund bei grossem Tumor unbekannter Atiologie
Ber Dtsch Ophthalmol Ges 74:836–40, 1977 **(Ger)**
CASE REPORT/ CHILD/ FEMALE/ HEMANGIOMA, complications/ *HEMANGIOMA, diagnosis/ HUMAN/ *RETINAL DETACHMENT, etiology

8162. **Schneider W:** Such- und Schnellteste in der Hämatologie
Internist (Berlin) 17(9):425–9, Sep 76 **(Ger)**
BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD SEDIMENTATION/ ERYTHROCYTE COUNT/ FEMALE/ HEMATOLOGIC DISEASES, blood/ *HEMATOLOGIC DISEASES, diagnosis/ HEMOGLOBINOMETRY/ HUMAN/ LEUKOCYTE COUNT/ MALE/ RETICULOCYTES/ SEX FACTORS/ TIME FACTORS

8163. **Schnitzler L, Schubert B, Verret JL, et al:** Manifestations cutanées au cours du syndrome de coagulation intra-vasculaire disséminée
Ann Dermatol Syphiligr (Paris) 103(2):124–34, 1976 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ FEMALE/ FINGERS, pathology/ GANGRENE, etiology/ GANGRENE, pathology/ HUMAN/ MALE/ MIDDLE AGE/ NECROSIS/ PURPURA, etiology/ PURPURA, pathology/ SKIN DISEASES, pathology/ *SKIN MANIFESTATIONS/ SKIN, pathology

8164. **Schodt KP, Gelman RA, Blackwell J:** The effect of changes in salt concentration and pH on the interaction between glycosaminoglycans and cationic polypeptides.
Biopolymers 15(10):1965–77, Oct 76
ARGININE/ CHONDROITIN SULFATES/ DERMATAN SULFATE/ *GLYCOSAMINOGLYCANS/ HEPARIN/ HYALURONIC ACID/ HYDROGEN-ION CONCENTRATION/ LYSINE/ *MUCOPOLYSACCHARIDES/ ORNITHINE/ OSMOLAR CONCENTRATION/ *PEPTIDES/ PROTEIN CONFORMATION/ SPECTRUM ANALYSIS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8165. **Schoenberg BS, Christine BW, Whisnant JP:** The descriptive epidemiology of primary intracranial neoplasms: the Connecticut experience. Am J Epidemiol 104(5):499–510, Nov 76
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ASTROCYTOMA, occurrence/ *BRAIN NEOPLASMS, occurrence/ CHILD/ CONNECTICUT/ EPENDYMOMA, occurrence/ FEMALE/ GLIOMA, occurrence/ HEMANGIOMA, occurrence/ HUMAN/ MALE/ MEDULLOBLASTOMA, occurrence/ MENINGIOMA, occurrence/ MIDDLE AGE/ *NEOPLASMS, occurrence/ NEURILEMMOMA, occurrence/ *PINEAL BODY/ *PITUITARY NEOPLASMS, occurrence/ SEX FACTORS

8166. **Schoene NW, Iacono JM:** The influence of phospholipase A2 on prostaglandin production in platelets.
Adv Prostaglandin Thromboxane Res 2:763–6, 1976
BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ HUMAN/ *PHOSPHOLIPASE, metabolism/ *PLATELET AGGREGATION/ *PROSTAGLANDINS, blood

8167. **Schoenfield MR, Budinger JM:** Silent, chronic, massive pulmonary thromboembolism masquerading as bronchogenic carcinoma. J Thorac Cardiovasc Surg 72(4):581–4, Oct 76
AGED/ ARTERIAL OCCLUSIVE DISEASES, pathology/ ARTERIOSCLEROSIS, pathology/ BRAIN, pathology/ *CARCINOMA, BRONCHOGENIC, diagnosis/ CASE REPORT/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC ERRORS/ FEMALE/ HUMAN/ *LUNG NEOPLASMS, diagnosis/ LUNG, pathology/ MYOCARDIUM, pathology/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, pathology/ PULMONARY EMBOLISM, surgery/ RADIONUCLIDE IMAGING/ RESPIRATORY INSUFFICIENCY, surgery

8168. **Scholz P, Ditscherlein G, Schneider W:** Membranöse Glomerulonephritis und Nierenvenenthrombose
Zentralbl Allg Pathol 120(4):303–9, 1976 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ BASEMENT MEMBRANE, pathology/ ENGLISH ABSTRACT/ FEMALE/ *GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, pathology/ HUMAN/ KIDNEY GLOMERULUS, pathology/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, complications/ *RENAL VEINS/ RENAL VEINS, pathology/ *THROMBOSIS, complications/ THROMBOSIS, pathology

8169. **Schomerus H, Mayer G:** Synthesis rates of fibrinogen and albumin in patients with rheumatoid arthritis.
Acta Hepatogastroenterol (Stuttg) 24(1):11–4, Feb 77
*ALBUMINS, biosynthesis/ *ARTHRITIS, RHEUMATOID, metabolism/ FEMALE/ *FIBRINOGEN, biosynthesis/ HUMAN/ MALE/ MIDDLE AGE

8170. **Schönberger A:** Wundversorgung nach Zahnextraktion.
Stomatol DDR 27(5):320–5, May 77 **(Ger)**
ASCORBIC ACID, therapeutic use/ BLOOD TRANSFUSION/ CALCIUM, therapeutic use/ DRY SOCKET, prevention & control/ HEMORRHAGE, ORAL, therapy/ HUMAN/ MAXILLARY SINUS, surgery/ SINUSITIS, etiology/ SURGICAL WOUND INFECTION, prevention & control/ TAMPONS/ THROMBIN, therapeutic use/ *TOOTH EXTRACTION/ TOOTH FRACTURES, etiology/ TOOTH ROOT, injuries/ *WOUND HEALING

8171. **Schöndorf TH, Hey D:** Combined administration of low dose heparin and aspirin as prophylaxis of deep vein thrombosis after hip joint surgery. Haemostasis 5(4):250–7, 1976
ADULT/ AGED/ *ASPIRIN, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ *HEPARIN, therapeutic use/ *HIP JOINT, surgery/ HUMAN/ MALE/ MIDDLE AGE/ POPLITEAL VEIN/ PULMONARY EMBOLISM, drug therapy/ *THROMBOPHLEBITIS, drug therapy

8172. **Schöndorf TH, Hey D:** Aussagekraft von Kontrollmethoden zur postoperativen Uberwachung einer Aspirin-- und Heparin--Medikation Munch Med Wochenschr 119(4):119–22, 28 Jan 77 (Eng. Abstr.) **(Ger)**
AGED/ ANTITHROMBINS, blood/ *ASPIRIN, administration & dosage/ *BLOOD COAGULATION TESTS/ COLLAGEN/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, administration & dosage/ HUMAN/ LYSINE, administration & dosage/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION/

POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, blood/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE/ THROMBELASTOGRAPHY/ THROMBIN/ THROMBOPLASTIN/ *THROMBOSIS, prevention & control

8173. **Schöpf E, Seelig HP, Clorius R, et al:** Herpes gestationis Immunpathologische Untersuchungen bei Mutter und Kind Hautarzt 27(10):481–7, Oct 76 (Eng. Abstr.) **(Ger)**
ADULT/ AUTOANTIBODIES/ BASEMENT MEMBRANE, immunology/ CASE REPORT/ COMPLEMENT FIXATION TESTS/ COMPLEMENT 3/ COMPLEMENT 5/ COMPLEMENT 9/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN/ FIBRINOGEN/ *HERPES GESTATIONIS, immunology/ HERPES GESTATIONIS, pathology/ HUMAN/ INFANT, NEWBORN/ PREGNANCY/ *SKIN DISEASES, BULLOUS, immunology/ SKIN, immunology/ SKIN, pathology

8174. **Schorr DM, Gruber UF:** Prophylaxe thromboembolische Komplikationen in der operativen Gynäkologie Geburtshilfe Frauenheilkd 37(4):291–6, Apr 77 (Eng. Abstr.) **(Ger)**
AGE FACTORS/ ANESTHESIA/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ ESCIN, therapeutic use/ FEMALE/ *GYNECOLOGIC DISEASES, surgery/ HEPARIN, therapeutic use/ HUMAN/ OBESITY, complications/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ VARICOSE VEINS, complications

8175. **Schottke C:** Präventivmassnahmen vor ambulanten kieferchirurgischen Eingriffen zur Vermeidung von Zwischenfällen. Stomatol DDR 27(4):227–31, Apr 77 (Eng. Abstr.) **(Ger)**
AMBULATORY CARE/ BLOOD COAGULATION DISORDERS, prevention & control/ CARDIOVASCULAR DISEASES, prevention & control/ ENGLISH ABSTRACT/ HUMAN/ MEDICAL HISTORY TAKING/ METHODS/ RISK/ *SURGERY, ORAL

8176. **Schramm W, Schmid M, Erhardt FW:** Radioimmunoassay von Fibrinopeptid A: Doppel-Antikörper-Methode Fortschr Med 95(19):1291–8, 19 May 77 (Eng. Abstr.) **(Ger)**
ANTI-ANTIBODIES/ ANTIBODIES/ BLOOD SPECIMEN COLLECTION/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ *FIBRINOPEPTIDES A, analysis/ HUMAN/ *RADIOIMMUNOASSAY, methods

8177. **Schramm W, Schaarschmidt K, Schmidtler F, et al:** Zur Pathogenese der postoperativen Bauchwandruptur. Teil II: Hämostaseologische Verlaufskontrollen bei ausgewählten Patientengruppen.
Munch Med Wochenschr 119(20):690–4, 20 May 77 (Eng. Abstr.) **(Ger)**
ABDOMINAL WALL/ ALPHA MACROGLOBULINS, analysis/ ALPHA 1-ANTITRYPSIN, analysis/ ANTITHROMBINS, analysis/ BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ FACTOR VIII, analysis/ FACTOR XIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ LAPAROTOMY/ MALE/ PROSPECTIVE STUDIES/ PROTHROMBIN TIME/ RISK/ SURGICAL WOUND DEHISCENCE, blood/ *SURGICAL WOUND DEHISCENCE, etiology/ SURGICAL WOUND INFECTION, complications/ WOUND HEALING

8178. **Schreiber AD:** Plasma inhibitors of the Hageman factor dependent pathways. Semin Thromb Hemostas 3(1):32–51, Jul 76 (53 ref.)
BLOOD COAGULATION/ *FACTOR XII, antagonists & inhibitors/ FACTOR XII, metabolism/ FIBRINOLYSIS/ HUMAN/ KININS, biosynthesis/ REVIEW

8179. **Schreiber AD:** Clinical immunology of the corticosteroids. Prog Clin Immunol 3:103–14, 1977 (60 ref.)
*ADRENAL CORTEX HORMONES, therapeutic use/ ANAPHYLAXIS, drug therapy/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ARTHRITIS, RHEUMATOID, drug therapy/ COMPLEMENT, metabolism/ GASTROINTESTINAL DISEASES, drug therapy/ HUMAN/ HYPERSENSITIVITY, drug therapy/ IMMUNE COMPLEX DISEASE, drug therapy/ INFLAMMATION/ LYMPHOCYTES, drug effects/ MACROPHAGES, drug effects/ PURPURA, THROMBOPENIC, drug therapy/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8180. **Schreiber G:** Necrotic venules ensheathing exogenous particles as harvested from transfusion filters. Tex Med 73(5):86–96, May 77
BLOOD TRANSFUSION/ FILTRATION/ HUMAN/ *MICROCIRCULATION, pathology/ NECROSIS/ THROMBOSIS, pathology

8181. **Schreiber RD, Götze O, Müller-Eberhard HJ:** Nephritic factor: its structure and function and its relationship to initiating factor of the alternative pathway.
Scand J Immunol 5(6–7):705–13, 1976
BINDING SITES/ BUFFERS/ COMPLEMENT 3, analysis/ COMPLEMENT 3, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR IX, analysis/ FACTOR IX, metabolism/ *GAMMA GLOBULINS, analysis/ GAMMA GLOBULINS, metabolism/ HEMAGGLUTINATION/ HUMAN/ IMMUNOASSAY/ MOLECULAR WEIGHT/ PEPTIDE CHAIN INITIATION/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, metabolism/ PROPERDIN, metabolism/ ULTRACENTRIFUGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8182. **Schreiner GF, Braun J, Unanue ER:** Spontaneous redistribution of surface immunoglobulin in the motile B lymphocyte. J Exp Med 144(6):1683–8, 1 Dec 76
ANIMAL/ *B-LYMPHOCYTES, immunology/ B-LYMPHOCYTES, physiology/ B-LYMPHOCYTES, ultrastructure/ CARBACHOL, pharmacodynamics/ *CELL MOVEMENT/ CELL MOVEMENT, drug effects/ COLCHICINE, pharmacodynamics/ CYTOPLASM, metabolism/ HISTOCOMPATIBILITY ANTIGENS/ *IMMUNOGLOBULINS, SURFACE, metabolism/ LIPOPOLYSACCHARIDES, pharmacodynamics/ LYMPHOCYTE TRANSFORMATION/ *MEMBRANE PROTEINS, metabolism/ MICE/ RECEPTORS, CONCANAVALIN A, metabolism/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8183. **Schricker KT, Neupert R, Mühe E:** Auswirkungen der Herz-Lungen-Maschine auf das Gerinnungsverhalten des Blutes Med Welt 27(46):2232–9, 12 Nov 76 **(Ger)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ CHILD/ *HEART, MECHANICAL, adverse effects/ HEMOLYSIS/ HUMAN/ MIDDLE AGE/ TIME FACTORS

8184. **Schricker KT, Raithel D, Juchelka L:** Einfluss von Aspisol auf die Plättchenfunktion bei gefsschirurgischen Eingriffen. Munch Med Wochenschr 119(28):961–4, 15 Jul 77 (Eng. Abstr.) **(Ger)**
AGED/ *ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, drug therapy/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION, drug effects/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOEMBOLISM, prevention & control/ VASCULAR DISEASES, blood/ *VASCULAR SURGERY

8185. **Schrier SL:** Human erythrocyte membrane enzymes: current status and clinical correlates. Blood 50(2):227–37, Aug 77
ACETYLCHOLINESTERASE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, enzymology/ ANEMIA, SICKLE CELL, enzymology/ ABO BLOOD-GROUP SYSTEM/

CYTOSOL, enzymology/ ERYTHROBLASTOSIS, FETAL, enzymology/ *ERYTHROCYTE MEMBRANE, enzymology/ *ERYTHROCYTES, enzymology/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, metabolism/ HEMOGLOBINURIA, PAROXYSMAL, enzymology/ HUMAN/ LIVER CIRRHOSIS, enzymology/ MYELOID METAPLASIA, enzymology/ PEPTIDE HYDROLASES, metabolism/ PROTEIN KINASE, metabolism/ SPHEROCYTOSIS, HEREDITARY, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREMIA, enzymology

8186. **Schroeder W:** Ergebnisse der A-Bildechographie bei einseitigen Sehnerverkrankungen
Klin Monatsbl Augenheilkd 169(1):30–8, Jul 76 (Eng. Abstr.) **(Ger)**
ADULT/ ENGLISH ABSTRACT/ EYE INJURIES, diagnosis/ HEMATOMA, diagnosis/ HUMAN/ MALE/ OPTIC ATROPHY, diagnosis/ *OPTIC NERVE DISEASES, diagnosis/ OPTIC NEURITIS, diagnosis/ PAPILLEDEMA, diagnosis/ ULTRASONICS

8187. **Schroeter AL, Conn DL, Jordon RE:** Immunoglobulin and complement deposition in skin of rheumatoid arthritis and systemic lupus erythematosus patients. Ann Rheum Dis 35(4):321–6, AUG 76
*ARTHRITIS, RHEUMATOID, immunology/ COMPLEMENT 1, analysis/ COMPLEMENT 3, analysis/ *COMPLEMENT, analysis/ FIBRIN, analysis/ HUMAN/ IGG, analysis/ IGM, analysis/ *IMMUNOGLOBULINS, analysis/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MIDDLE AGE/ PROPERDIN, analysis/ *SKIN, immunology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8188. **Schubert GE, Durst J, Rahmer H:** Tourniquet-Schock nach Behandlung mit Streptase, Prednisolon und Trasylol. -Pathologisch-anatomische Befunde. Med Welt 28(27):1190–4, 8 Jul 77 **(Ger)**
ANIMAL/ FEMALE/ HINDLIMB, blood supply/ HUMAN/ ISCHEMIA, etiology/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ MALE/ MUSCLES, pathology/ MYOCARDIUM, pathology/ *PREDNISOLONE, therapeutic use/ RABBITS/ *SHOCK, drug therapy/ SHOCK, pathology/ *STREPTOKINASE, therapeutic use/ *TOURNIQUETS, adverse effects

8189. **Schuel H, Troll W, Lorand L:** Physiological responses of sea urchin eggs to stimulation by calcium ionophore A23187 analysed with protease inhibitors.
Exp Cell Res 103(2):442–7, Dec 76
*A-23187, pharmacodynamics/ ANIMAL/ *ANTIBIOTICS, pharmacodynamics/ BENZAMIDINES, pharmacodynamics/ FERTILIZATION/ LEUPEPTINS, pharmacodynamics/ *OVUM, drug effects/ OVUM, enzymology/ OVUM, physiology/ PARTHENOGENESIS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, metabolism/ SEA URCHINS/ TRYPSIN INHIBITORS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8190. **Schuh W, Liedloff H, Schramm G:** Die intraoperative Blutungsneigung unter Micristintherapie bei grossen hüftchirurgischen Eingriffen Beitr Orthop Traumatol 23(11):630–3, Nov 76 **(Ger)**
ADULT/ AGED/ *ASPIRIN, adverse effects/ ASPIRIN, therapeutic use/ FEMALE/ HEMORRHAGE, chemically induced/ *HIP JOINT, surgery/ HUMAN/ JOINT PROSTHESIS/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

8191. **Schuller DE, McCabe BF:** Salivary gland neoplasms in children. Otolaryngol Clin North Am 10(2):399–412, Jun 77
ADOLESCENCE/ AGE FACTORS/ CARCINOMA, surgery/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ GANGLIONEUROMA, surgery/ HEAD AND NECK NEOPLASMS, surgery/ HEMANGIOMA, occurrence/ HEMANGIOMA, surgery/ INFANT/ IOWA/ LYMPHANGIOMA, occurrence/ LYMPHANGIOMA, surgery/ MESENCHYMOMA, surgery/ NEOPLASM RECURRENCE, LOCAL/ PROGNOSIS/ SALIVARY GLAND DISEASES, diagnosis/ SALIVARY GLAND NEOPLASMS, diagnosis/ *SALIVARY GLAND NEOPLASMS, occurrence/ SALIVARY GLAND NEOPLASMS, surgery

8192. **Schulte HD, Bircks W, Rivas-Martin J:** Chirurgische Behandlung der Lungenembolie -- Erfahrungen aus fast 20 Jahren. Med Welt 28(22):1004–7, 3 Jun 77 **(Ger)**
ADULT/ FEMALE/ GERMANY, WEST/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, history/ *PULMONARY EMBOLISM, surgery/ RETROSPECTIVE STUDIES

8193. **Schultz HP, Glatstein E, Kaplan HS:** Management of presumptive or proven Hodgkin's disease of the liver: anew radiotherapy technique.
Int J Radiat Oncol Biol Phys 1(1–2):1–8, Oct-Nov 75
FEMALE/ *HODGKIN'S DISEASE, radiotherapy/ HUMAN/ *LIVER NEOPLASMS, radiotherapy/ MALE/ METHODS/ RADIOTHERAPY, adverse effects/ THROMBOPENIA, etiology/ THROMBOPENIA, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8194. **Schultz RM, Konovessi-Panayotatos A:** Thermodynamics of substrate analog binding to native and modified forms of alpha-chymotrypsin; a study in 'productive' and non-productive binding. p. 407.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
BINDING SITES/ CALORIMETRY/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ MONOGRAPH/ PROTEIN BINDING/ THERMODYNAMICS/ TRYPTOPHAN, analogs & derivatives/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8195. **Schultz RM, Konovessi-Panayotatos A, Peters JR:** Thermodynamics of binding to native alpha-chymotrypsin and to forms of alpha-chymotrypsin in which catalytically essential residues are modified; a study of 'productive' and 'nonproductive' associations. Biochemistry 16(10):2194–202, 17 May 77
BINDING SITES/ CALORIMETRY/ *CHYMOTRYPSIN/ *CHYMOTRYPSIN, metabolism/ KINETICS/ PROFLAVINE/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ THERMODYNAMICS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8196. **Schulz CE, Richter W, Naujoks J:** Blutviskosität und Innenohrschwerhörigkeit Laryngol Rhinol Otol (Stuttg) 56(4):328–34, Apr 77 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ AUDIOMETRY/ *BLOOD VISCOSITY/ BLOOD VISCOSITY, drug effects/ CAPILLARIES/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ ERYTHROCYTES/ HEARING DISORDERS, drug therapy/ *HEARING DISORDERS, physiopathology/ HUMAN/ LABYRINTH DISEASES, drug therapy/ *LABYRINTH DISEASES, physiopathology/ PENTOXIFYLLINE, pharmacodynamics/ PENTOXIFYLLINE, therapeutic use

8197. **Schulz F, Hildebrand E:** Exzessive generalisierte Fettembolie bei akut dystrophischer Fettleber Med Klin 72(2):59–63, 14 Jan 77 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ *ACUTE YELLOW ATROPHY, complications/ ACUTE YELLOW ATROPHY, etiology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *EMBOLISM, FAT, etiology/ EMBOLISM, FAT, pathology/ ENGLISH ABSTRACT/ EXPERT TESTIMONY/ *FATTY LIVER, complications/ FATTY LIVER, pathology/ FEMALE/ FORENSIC MEDICINE/ HEPATITIS, VIRAL, HUMAN, complications/ HUMAN/ KIDNEY GLOMERULUS, pathology/ LIVER, pathology/ LUNG, pathology/ MIDDLE AGE/ MUSHROOM POISONING, diagnosis/

POISONING, diagnosis/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, pathology

8198. **Schulz G:** Thromboembolieprophylaxe nach thoraxchirurgischen Operationen mit Acetylsalicylsäure (Micristin) Z Aerztl Fortbild (Jena) 71(3):112–5, 1 Feb 77 **(Ger)**
ADULT/ AGE FACTORS/ AGED/ *ASPIRIN, therapeutic use/ BRONCHIECTASIS, surgery/ HUMAN/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMPHYSEMA, surgery/ *THORACIC DISEASES, surgery/ THORACIC NEOPLASMS, surgery/ *THROMBOEMBOLISM, prevention & control/ TUBERCULOSIS, PULMONARY, surgery

8199. **Schulz KH, Garbe I, Hausen BM, et al:** The sensitizing capacity of naturally occurring quinones. Experimental studies in guinea pigs. I. Naphthoquinones and related compounds. Arch Dermatol Res 258(1):41–52, 25 Mar 77
*ALLERGENS/ ANIMAL/ CROSS REACTIONS/ DERMATITIS, CONTACT, etiology/ GUINEA PIGS/ MALE/ NAPHTHALENES, immunology/ *NAPHTHOQUINONES, immunology/ PLANTS/ SKIN TESTS/ STRUCTURE-ACTIVITY RELATIONSHIP/ VITAMIN K, immunology/ WOOD

8200. **Schulz LC, Hertrampf B, Ehard H, et al:** Zur Bedeutung von Gerinnungsstörungen und entzündlicher Abwehr einer infektiös verursachten rheumatoiden Modellkrankheit. I. Systemische, schockartige Koagulopathie und Fibrininkorporation als Indikatoren der rheumatoiden Organmanifestation im Rotlaufmodell Z Rheumatol 35(9–10):315–23, Sep–Oct 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ ANTIGEN-ANTIBODY REACTIONS/ ARTHRITIS, INFECTIOUS, blood/ *ARTHRITIS, RHEUMATOID, blood/ ARTHRITIS, RHEUMATOID, immunology/ CONNECTIVE TISSUE, metabolism/ *DISEASE MODELS, ANIMAL/ *DISSEMINATED INTRAVASCULAR COAGULATION/ ENGLISH ABSTRACT/ *ERYSIPELOTHRIX INFECTIONS, blood/ ERYSIPELOTHRIX INFECTIONS, complications/ *FIBRIN, metabolism/ PROLINE, metabolism/ RATS/ SULFATES, metabolism/ SWINE

8201. **Schulz LC:** Rheumatoide Gefässprozesse und Haemostasefaktoren im Tierexperiment Z Rheumatol 35 Suppl 4:suppl 311–21, 1976 (Eng. Abstr.) **(Ger)**
ANIMAL/ *ARTHRITIS, RHEUMATOID, blood/ ARTHRITIS, RHEUMATOID, physiopathology/ *BLOOD VESSELS, physiopathology/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ ERYSIPELOTHRIX/ HEMOSTASIS/ RATS/ SWINE

8202. **Schulz LC:** Rheumatoide Gefässprozesse und Haemostasefaktoren im Tierexperiment Verh Dtsch Ges Rheumatol 4:311–21, 1976 (Eng. Abstr.) **(Ger)**
ANIMAL/ *ARTHRITIS, RHEUMATOID, pathology/ *BLOOD VESSELS, pathology/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ *HEMOSTASIS/ RATS/ SWINE ERYSIPELAS, pathology/ SWINE

8203. **Schulz LC, Ehard H, Drommer W, et al:** Die pathogenetische Bedeutung der akuten Rotlaufphase für die Manifestation der chronischen Organveränderungen. Vergleichende experimentelle Untersuchungen bei Schwein, Maus und Ratte Zentralbl Veterinaermed [B] 23(8):617–37, Sep 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ ARTHRITIS, RHEUMATOID, veterinary/ COMPARATIVE STUDY/ *DISSEMINATED INTRAVASCULAR COAGULATION, microbiology/ ENGLISH ABSTRACT/ *ERYSIPELOTHRIX INFECTIONS, veterinary/ ERYSIPELOTHRIX INFECTIONS, microbiology/ ERYSIPELOTHRIX, pathogenicity/ MICE/ MYOCARDIUM, pathology/ RATS/ SPECIES SPECIFICITY/ SWINE ERYSIPELAS, microbiology/ SWINE

8204. **Schulz LC, Ehard H, Hertrampf B, et al:** Hemostasis, fibrin incorporation and local mesenchymal reaction in erysipelothrix infection as a model for rheumatism research. pp. 215–37.
In: Glynn LE, Schlumberger HD, ed. Experimental models of chronic inflammatory diseases. Berlin, Springer, 1977. W3 BA266 1976e.
ANIMAL/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ *ARTHRITIS, RHEUMATOID, etiology/ DISEASE MODELS, ANIMAL/ ERYSIPELOTHRIX INFECTIONS, drug therapy/ *ERYSIPELOTHRIX INFECTIONS, etiology/ ERYSIPELOTHRIX INFECTIONS, immunology/ ERYSIPELOTHRIX INFECTIONS, pathology/ ERYSIPELOTHRIX INFECTIONS, physiopathology/ *FIBRIN, metabolism/ *HEMOSTASIS/ HUMAN/ INFLAMMATION, drug therapy/ INFLAMMATION, etiology/ MICE/ MONOGRAPH/ RATS/ RHEUMATISM, etiology/ SPECIES SPECIFICITY/ SWINE/ SYNOVIAL MEMBRANE, immunology/ SYNOVIAL MEMBRANE, pathology

8205. **Schulz U, Drüner HU, Lang HJ:** Analyse der postoperativen Todesfälle beim Colon- und Rectumcarcinom Langenbecks Arch Chir 343(3):195–204, 12 Feb 77 (Eng. Abstr.) **(Ger)**
ADULT/ AGE FACTORS/ AGED/ *COLONIC NEOPLASMS, surgery/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, WEST/ HEART FAILURE, CONGESTIVE, mortality/ HUMAN/ INTESTINAL OBSTRUCTION, mortality/ MALE/ MIDDLE AGE/ PERITONITIS, mortality/ PNEUMONIA, mortality/ *POSTOPERATIVE COMPLICATIONS, mortality/ PULMONARY EMBOLISM, mortality/ *RECTAL NEOPLASMS, surgery

8206. **Schulze B, Kaps HP:** Gerinnungshemmende Wirkungen trijodierter Röntgenkontrastmittel Arzneim Forsch 27(5):972–5, 1977 (Eng. Abstr.) **(Ger)**
*BLOOD COAGULATION, drug effects/ *CONTRAST MEDIA, pharmacodynamics/ DIATRIZOATE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ HUMAN/ IN VITRO/ IODIPAMIDE, pharmacodynamics/ IOTHALAMIC ACID, pharmacodynamics

8207. **Schulze K, Benz UF, Schmitt HE, et al:** Das echoskopische Bild der Vena-cava-caudalis-Thrombose bei Nierentumoren Fortschr Geb Roentgenstr Nuklearmed 126(3):231–5, Mar 77 (Eng. Abstr.) **(Ger)**
ADENOCARCINOMA, complications/ AGED/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, diagnosis/ MIDDLE AGE/ RENAL VEINS/ RETROPERITONEAL NEOPLASMS, diagnosis/ *THROMBOSIS, diagnosis/ *ULTRASONICS, diagnostic use/ *VENA CAVA, INFERIOR

8208. **Schulze-Bergman G:** Das Kompressionssyndrom der Arteria brachialis Vasa 6(1):30–4, 1977 (Eng. Abstr.) **(Ger)**
ADULT/ *BRACHIAL ARTERY/ CASE REPORT/ ENGLISH ABSTRACT/ EXERTION/ HUMAN/ MALE/ MUSCLES, abnormalities/ *THROMBOSIS, etiology

8209. **Schumacher HR, Carroll E, Taylor F, et al:** Erythema elevatum diutinum: cutaneous vasculitis, impaired clot lysis, and response to phenformin. J Rheumatol 4(1):103–12, Spring 77
ANTINUCLEAR FACTORS, analysis/ *BLOOD COAGULATION/ BLOOD SEDIMENTATION/ CASE REPORT/ DEPRESSION, REACTIVE, etiology/ *ERYTHEMA/ ERYTHEMA, blood/ ERYTHEMA, complications/ ERYTHEMA, drug therapy/ FEMALE/ FIBRIN, metabolism/ HUMAN/ MIDDLE AGE/ *PHENFORMIN, therapeutic use/ *VASCULAR DISEASES/ VASCULAR DISEASES, blood/ VASCULAR DISEASES, complications/ VASCULAR DISEASES, drug therapy

8210. **Schumaker HM, Tishler PV, Knighton DJ:** A spot test for uroporphyrinogen I synthase, the enzyme that is deficient in intermittent acute porphyria. Clin Chem 22(12):1991–4, Dec 76
*AMMONIA-LYASES, blood/ COLD/ ERYTHROCYTES, enzymology/ HEMOGLOBINS, analysis/ HEPARIN/ HUMAN/

METHODS/ *PORPHYRIA, diagnosis/ PORPHYRIA, enzymology/ *UROPORPHYRINOGEN I SYNTHASE, blood/ UROPORPHYRINOGEN I SYNTHASE, deficiency

8211. **Schur PH:** Lupus erythematosus. Adv Nephrol 6:63–77, 1976
ADOLESCENCE/ ADULT/ AGED/ ANTINUCLEAR FACTORS, analysis/ CHILD/ CHILD, PRESCHOOL/ COMPLEMENT, analysis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GLOMERULONEPHRITIS, diagnosis/ HL-A, analysis/ HUMAN/ IMMUNE COMPLEX DISEASE, immunology/ KIDNEY FUNCTION TESTS/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ LE CELLS/ MALE/ MIDDLE AGE/ NEPHROTIC SYNDROME, diagnosis/ PLEURISY, diagnosis/ PROGNOSIS/ SKIN, immunology/ THROMBOPHLEBITIS, diagnosis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8212. **Schürholz KH:** Die doppelseitige komplette Nierenvenenthrombose Urologe [A] 16(1):6–8, Jan 77 (Eng. Abstr.) **(Ger)**
AGED/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *RENAL VEINS/ *THROMBOSIS, diagnosis/ THROMBOSIS, etiology/ THROMBOSIS, therapy

8213. **Schurz AR, Trockenbacher M, Reich T:** Gasanalytische Probleme beim Storing von Nabelschnurblutproben Z Geburtshilfe Perinatol 180(6):412–9, Dec 76 (Eng. Abstr.) **(Ger)**
APGAR SCORE/ *BLOOD GAS ANALYSIS/ *BLOOD PRESERVATION/ ENGLISH ABSTRACT/ FEMALE/ *FETAL BLOOD/ HUMAN/ INFANT, NEWBORN/ PREGNANCY/ TIME FACTORS

8214. **Schurz J, Alloush S, Farhoudi H, et al:** Eine rheologische Studie an Plasma-Lipoproteinen Hoppe Seylers Z Physiol Chem 358(3):513–20, Apr 77 (Eng. Abstr.) **(Ger)**
BLOOD VISCOSITY/ BLOOD VOLUME/ ENGLISH ABSTRACT/ HUMAN/ *LIPOPROTEINS, blood/ LIPOPROTEINS, LDL, blood/ *RHEOLOGY

8215. **Schutz JF, Baumann R, Constantinesco A, et al:** Hématome intramural du grêle sous traitement anticoagulant: évolution radiologique. A propos d'un cas J Radiol Electrol Med Nucl 58(3):221–6, Mar 77 (Eng. Abstr.) **(Fre)**
ACENOCOUMAROL, adverse effects/ ADULT/ *ANTICOAGULANTS, adverse effects/ CASE REPORT/ CLOFIBRATE, adverse effects/ ENGLISH ABSTRACT/ *HEMATOMA, chemically induced/ HEMATOMA, radiography/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, radiography/ HUMAN/ *JEJUNUM/ MALE

8216. **Schütze U, Buhr H, Wurster K, et al:** Zur Prophylaxe peritonealer Verwachsungen mit Streptokinase und Streptodornase (Vardiase). Eine tierexperimentelle Studie Munch Med Wochenschr 119(4):123–6, 28 Jan 77 (Eng. Abstr.) **(Ger)**
ADHESIONS/ ANIMAL/ CONNECTIVE TISSUE, pathology/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ INTESTINAL OBSTRUCTION, etiology/ INTESTINES, pathology/ LAPAROTOMY, adverse effects/ MALE/ *PERITONEAL DISEASES, prevention & control/ RATS/ STREPTODORNASE AND STREPTOKINASE, pharmacodynamics/ *STREPTODORNASE AND STREPTOKINASE, therapeutic use/ WOUND HEALING, drug effects

8217. **Schwabe C, McDonald JK:** Primary structure of the B-chain of porcine relaxin. Biochem Biophys Res Commun 75(2):503–10, 21 Mar 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ PEPTIDE FRAGMENTS, analysis/ *RELAXIN/ SWINE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8218. **Schwartz K, Sebag C, Bouveret P, et al:** Preparation of specific immune sera against rabbit skeletal, pig and human cardiac heavy meromyosins. Biomedicine 27(1):22–6, 31 Jan 77
ANIMAL/ COMPARATIVE STUDY/ COMPLEMENT FIXATION TESTS/ GEL DIFFUSION TESTS/ GUINEA PIGS, immunology/ HUMAN/ *IMMUNE SERUMS/ IMMUNE SERUMS, biosynthesis/ IMMUNIZATION/ *MEROMYOSINS, immunology/ MEROMYOSINS, isolation & purification/ MUSCLES/ MYOCARDIUM/ MYOSIN/ RABBITS/ SPECIES SPECIFICITY/ SWINE/ TIME FACTORS/ TRYPSIN

8219. **Schwartz KA, Penner JA, Fekety RF Jr, et al:** Fatal colitis in a hemophilic patient with inhibitor. South Med J 70(5):617–9, May 77
ADULT/ BACTEROIDES INFECTIONS, drug therapy/ CASE REPORT/ *CLINDAMYCIN, adverse effects/ CLINDAMYCIN, therapeutic use/ *COLITIS, ULCERATIVE, chemically induced/ COLITIS, ULCERATIVE, pathology/ *FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, therapeutic use/ *HEMOPHILIA/ HEMOPHILIA, therapy/ HUMAN/ MALE

8220. **Schwartz MF, Jörnvall H:** Structural analyses of mutant and wild-type alcohol dehydrogenases from drosophila melanogaster. Eur J Biochem 68(1):159–68, Sep 76
*ALCOHOL OXIDOREDUCTASES/ ALCOHOL OXIDOREDUCTASES, metabolism/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CARBOXYPEPTIDASES/ *DROSOPHILA MELANOGASTER, enzymology/ MUTATION/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *VARIATION (GENETICS)

8221. **Schwartz RH, Van Ess JD, Johnstone DE, et al:** Alpha-1 antitrypsin in childhood asthma.
J Allergy Clin Immunol 59(13):31–4, Jan 77
ADOLESCENCE/ *ALPHA 1-ANTITRYPSIN, analysis/ *ASTHMA, blood/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENOTYPE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8222. **Schwartzkopff W, Hoffmann H, Nijssen J, et al:** Wirkung von Etiroxat auf die Lipide des Blutes nach Herzinfarkt bzw. bei Angina pectoris Med Klin 71(38):1555–63, 17 Sep 76 (Eng. Abstr.) **(Ger)**
*ANGINA PECTORIS, blood/ ANGINA PECTORIS, complications/ BLOOD COAGULATION, drug effects/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ HEART, drug effects/ HUMAN/ HYPERCHOLESTEREMIA, blood/ HYPERCHOLESTEREMIA, complications/ *HYPERCHOLESTEREMIA, drug therapy/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ LIVER, drug effects/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ PLACEBOS/ *THYROXINE, analogs & derivatives/ THYROXINE, adverse effects/ THYROXINE, therapeutic use/ TRIGLYCERIDES, blood

8223. **Schwarz E, Wawersig R, Voormann M:** Berliner Dermatologische Gesellschaft Sitzung vom 15. Mai 1976 Z Hautkr 52(5):175–86, 1 Mar 77 **(Ger)**
BERLIN/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ PURPURA, blood/ PURPURA, diagnosis/ *PURPURA, physiopathology/ SKIN MANIFESTATIONS

8224. **Schwarz H, Frey-Wettstein M:** Sicherer und kostenbewusster Blutersatz Helv Chir Acta 43(5–6):621–5, Dec 76 **(Ger)**
BLOOD COAGULATION DISORDERS, prevention & control/ BLOOD DONORS/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ *COSTS AND COST ANALYSIS/ ERYTHROCYTES/ HEMATOCRIT/ HUMAN/ PLASMA SUBSTITUTES/ PLASMA

8225. **Schwarz N, Feigl W, Neuwirth E, et al:** Venöse Thrombosen

und Lungenembolien im Obduktionsgut
Wien Klin Wochenschr 88(13):423–8, 25 Jun 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AUSTRIA/ AUTOPSY/ BODY WEIGHT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASMS, pathology/ PULMONARY EMBOLISM, occurrence/ *PULMONARY EMBOLISM, pathology/ SEX FACTORS/ THROMBOPHLEBITIS, occurrence/ *THROMBOPHLEBITIS, pathology

8226. **Schwarzbeck A, Wagner L, Squarr HU, et al:** Clotting in dialyzers due to low pH of dialysis fluid.
Clin Nephrol 7(3):125–7, Mar 77
*HEMODIALYSIS, adverse effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *THROMBOEMBOLISM, etiology/ WATER

8227. **Schwegler F:** Influence of the trypsin activity by the side chain of arginine homologues. Experientia 32(11):1380–1, 15 Nov 76
*ARGININE, analogs & derivatives/ ARGININE, metabolism/ *HOMOARGININE, analogs & derivatives/ HOMOARGININE, metabolism/ HYDROGEN-ION CONCENTRATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ TOSYL COMPOUNDS, metabolism/ *TRYPSIN, metabolism

8228. **Schweiberer L:** Verhütung und Behandlung von Infektionen nach Osteosynthesen Chirurg 48(1):1–5, Jan 77 **(Ger)**
ANTIBIOTICS, therapeutic use/ BACTERIAL INFECTIONS, etiology/ *BACTERIAL INFECTIONS, prevention & control/ BIOMECHANICS/ DRAINAGE/ *FRACTURE FIXATION, adverse effects/ HEMATOMA, complications/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ WOUND INFECTION, prevention & control

8229. **Schwenzer N:** Fortschritte und Schwerpunkte in der Nerven- und Gefässchirurgie
Fortschr Kiefer Gesichtschir 21:127–30, 1976 (25 ref.) **(Ger)**
ADULT/ BLOOD VESSEL PROSTHESIS/ FACE, blood supply/ FACE, innervation/ FACIAL INJURIES, surgery/ FACIAL PARALYSIS, surgery/ FEMALE/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ *NEUROSURGERY/ PAROTID NEOPLASMS, surgery/ PERIPHERAL NERVES, surgery/ REVIEW/ *VASCULAR SURGERY

8230. **Schwerdtfeger E:** Automatisch-kinetische Bestimmung von pflanzlichen Enzymaktivitäten und Inhaltsstoffen. 3. Bestimmung von Bromelain Z Lebensm Unters Forsch 162(1):31–5, 27 Sep 76 **(Ger)**
*BROMELAINS, analysis/ KINETICS/ METHODS/ PEPTIDE HYDROLASES, analysis/ *PLANTS, enzymology

8231. **Schwetschenau PR, Ramirez A, Johnston J, et al:** Double-blind evaluation of intradiscal chymopapain for herniated lumbar discs. Early results. J Neurosurg 45(6):622–7, Dec 76
ADULT/ *CHYMOPAPAIN, therapeutic use/ CLINICAL RESEARCH/ DRUG EVALUATION/ FEMALE/ HUMAN/ INJECTIONS/ *INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ INTERVERTEBRAL DISK/ MALE/ MIDDLE AGE/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use

8232. **Schwick HG:** Experience in the clinical use of human trace proteins. Prog Clin Biol Res 5:147–53, 1976
*BLOOD PROTEINS/ *CHOLINESTERASES, blood/ CHOLINESTERASES, therapeutic use/ COMPLEMENT 1, antagonists & inhibitors/ FACTOR XIII DEFICIENCY, therapy/ FACTOR XIII, isolation & purification/ FACTOR XIII, therapeutic use/ GLYCOPROTEINS, blood/ GLYCOPROTEINS, therapeutic use/ HUMAN/ TRANSFERRIN, deficiency/ TRANSFERRIN, therapeutic use/ WOUND HEALING

8233. **Schwille PO, Scholz A, Sigel A:** Urinary thyroxine in rats fed various diets and in renal calcium stone-forming patients. Eur Urol 2(4):196–9, 1976
ADULT/ AGED/ ANIMAL/ BODY WEIGHT/ CREATININE, urine/ *DIET/ DIET, ATHEROGENIC/ FEMALE/ HUMAN/ *KIDNEY CALCULI, urine/ MAGNESIUM DEFICIENCY, complications/ MALE/ MIDDLE AGE/ RATS/ *THYROXINE, urine/ URINARY CALCULI, etiology/ URINARY CALCULI, metabolism

8234. **Schwörer I:** Röntgendiagnostik des schädels. Ein Repetitorium. Röntgenbefunde und Differentialdiagnosen. C. Schädelkalotte) Roentgenpraxis 30(4):87–100, Apr 77 **(Ger)**
CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ EOSINOPHILIC GRANULOMA, radiography/ FIBROSARCOMA, radiography/ FIBROUS DYSPLASIA OF BONE, radiography/ HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ HYPERPARATHYROIDISM, radiography/ NEOPLASM METASTASIS/ OSTEITIS DEFORMANS, radiography/ PLASMACYTOMA, radiography/ *SKULL NEOPLASMS, radiography/ *SKULL, radiography

8235. **Sciaky M, Limozin N, Filippi-Foveau D, et al:** Structure primaire de l'anhydrase carbonique érythrocytaire bovine CI. II. Séquence complète Biochimie 58(9):1071–82, 13 Nov 76 (Eng. Abstr.) **(Fre)**
AMINO ACID SEQUENCE/ ANIMAL/ ARGININE/ *CARBONIC ANHYDRASE, blood/ CATTLE/ COMPARATIVE STUDY/ CYANOGEN BROMIDE/ ENGLISH ABSTRACT/ *ERYTHROCYTES, enzymology/ HUMAN/ ISOENZYMES/ MALEIC ANHYDRIDE/ PEPTIDE FRAGMENTS, isolation & purification/ SHEEP/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN

8236. **Scofield RE, Werner RP, Wold F:** P-Nitrophenyl carbamates as active-site-specific reagents for serine proteases. Biochemistry 16(11):2492–6, 31 May 77
AFFINITY LABELS/ BINDING SITES/ *CARBAMATES/ CHEMISTRY/ CHYMOTRYPSIN, antagonists & inhibitors/ CHYMOTRYPSINOGEN/ HALF-LIFE/ INDICATORS AND REAGENTS/ PANCREATOPEPTIDASE, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ SERINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN INHIBITORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8237. **Scoggins WG, Greenfield LJ:** Transvenous pulmonary embolectomy for acute massive pulmonary embolism. Chest 71(2):213–6, Feb 77
ACUTE DISEASE/ CASE REPORT/ CATHETERIZATION/ FILTRATION, instrumentation/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, surgery/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8238. **Scott BR, Pathak MA, Mohn GR:** Molecular and genetic basis of furocoumarin reactions. Mutat Res 39(1):29–74, 1976
ANIMAL/ CARCINOGENS/ CHROMOSOME ABERRATIONS/ *COUMARINS, pharmacodynamics/ COUMARINS, radiation effects/ COUMARINS, therapeutic use/ DROSOPHILA MELANOGASTER/ DNA REPAIR, drug effects/ DNA REPLICATION, drug effects/ FICUSIN, therapeutic use/ GUINEA PIGS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LIGHT/ MALE/ MICE/ MUTAGENS/ MUTATION/ NOMENCLATURE/ PHOTIC STIMULATION/ PHOTOCHEMISTRY/ PSORIASIS, drug therapy/ SEA URCHINS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TERATOGENS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITILIGO, drug therapy/ X-RAYS

8239. **Scott CR:** Platelet survival in homocystinuria [letter]. N Engl J Med 295(21):1200, 18 Nov 76
BLOOD PLATELETS/ CELL SURVIVAL/ HOMOCYSTINE, blood/ *HOMOCYSTINURIA, blood/ HUMAN

8240. **Scott GK:** The role of erythrocyte membrane-associated proteolytic activity in immune haemolysis and autolysis [letter]. Br J Haematol 35(3):474–6, Mar 77
ANIMAL/ ANTIGEN-ANTIBODY REACTIONS/ COMPLEMENT/ *ERYTHROCYTE MEMBRANE, enzymology/ *ERYTHROCYTES, enzymology/ *HEMOLYSIS/ *PEPTIDE HYDROLASES, metabolism

8241. **Scott J, Humphreys DR:** Dissecting aortic aneurysm and disseminated intravascular coagulation. Br Med J 1(6052):24, 1 Jan 77
*ANEURYSM, DISSECTING, complications/ AORTA, THORACIC/ *AORTIC ANEURYSM, complications/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ MIDDLE AGE

8242. **Scott KW:** A clinicopathological study of fatal chronic airways obstruction. Thorax 31(6):693–701, Dec 76
ADULT/ AGED/ *AIRWAY OBSTRUCTION, physiopathology/ BRONCHI, physiopathology/ CHRONIC DISEASE/ FEMALE/ HEART ENLARGEMENT, physiopathology/ HEART ENLARGEMENT, radiography/ HEART VENTRICLE, physiopathology/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, physiopathology/ PULMONARY EMPHYSEMA, physiopathology/ RESPIRATORY FUNCTION TESTS/ RESPIRATORY INSUFFICIENCY

8243. **Scott OL:** Tufted Haemangioma. Proc R Soc Med 70(4):283, Apr 77
CASE REPORT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ INFANT/ THIGH

8244. **Scott RM, Garrido E:** Spontaneous thrombosis of an intracranial aneurysm during treatment with epsilon aminocaproic acid. Surg Neurol 7(1):21–3, Jan 77
ADULT/ *AMINOCAPROIC ACIDS, adverse effects/ CASE REPORT/ *CEREBRAL ANEURYSM, complications/ CEREBRAL ANEURYSM, drug therapy/ *CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ CEREBRAL EMBOLISM AND THROMBOSIS, physiopathology/ CEREBRAL HEMORRHAGE, drug therapy/ FEMALE/ HUMAN/ *6-AMINOCAPROIC ACID, adverse effects

8245. **Scotta MS, Milanesi P:** Su di un caso di porpora nodulare del lattante. Minerva Pediatr 29(20):1311–4, 9 Jun 77 (Eng. Abstr.) **(Ita)**
BLOOD COAGULATION DISORDERS, complications/ DIARRHEA, INFANTILE, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALABSORPTION SYNDROMES, complications/ *PURPURA, etiology/ PURPURA, therapy/ VITAMIN K DEFICIENCY, complications/ VITAMIN K, therapeutic use

8246. **Scotti A, Maggi U, Previtali G:** Problemi di anestesia e rianimazione nelle anemie drepanocitiche. Chir Ital 28(6):882–90, Dec 76 (Eng. Abstr.) **(Ita)**
*ANEMIA, SICKLE CELL/ *ANESTHESIA/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, etiology/ HUMAN/ LUNG DISEASES, etiology/ POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ *RESUSCITATION/ *SURGERY, OPERATIVE

8247. **Scow RO:** Metabolism of cyhlomicrons in perfused adipose and mammary tissue of the rat. Fed Proc 36(2):182–5, Feb 77
*ADIPOSE TISSUE, metabolism/ ANIMAL/ CAPILLARIES, metabolism/ CHOLESTEROL, metabolism/ *CHYLOMICRONS, metabolism/ ENDOTHELIUM, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ GLYCERIN, blood/ GLYCERIN, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ *MAMMAE, metabolism/ MILK, metabolism/ PERFUSION/ RATS/ TRIGLYCERIDES, blood/ TRIGLYCERIDES, metabolism

8248. **Scow RO, Chernick SS, Fleck TR:** Lipoprotein lipase and uptake of triacylglycerol, cholesterol and phosphatidylcholine from chylomicrons by mammary and adipose tissue of lactating rats in vivo.
Biochim Biophys Acta 487(2):297–306, 25 May 77
*ADIPOSE TISSUE, metabolism/ ANIMAL/ BROAD LIGAMENT/ CHOLESTEROL, metabolism/ *CHYLOMICRONS, metabolism/ FEMALE/ LACTATION/ *LIPOPROTEIN LIPASE, metabolism/ *MAMMAE, metabolism/ OLEIC ACIDS, metabolism/ PHOSPHATIDYLCHOLINES, metabolism/ PREGNANCY/ RATS/ TRIGLYCERIDES, metabolism/ WEANING

8249. **Scow RO, Olivecrona T:** Effect of albumin on products formed from chylomicron triacylclycerol by lipoprotein lipase in vitro. Biochim Biophys Acta 487(3):472–86, 22 Jun 77
ANIMAL/ CATTLE/ *CHYLOMICRONS/ FEMALE/ KINETICS/ *LIPOPROTEIN LIPASE, metabolism/ MILK, enzymology/ *SERUM ALBUMIN, BOVINE, pharmacodynamics/ *TRIGLYCERIDES, metabolism

8250. **Scow RO, Blanchette-Mackie EJ, Smith LC:** Role of lipoprotein lipase and capillary endothelium in the clearance of chylomicrons from blood: a model for lipid transport by lateral diffusion in cell membranes.
Expos Annu Biochim Med 33:143–64, 1977 (98 ref.)
ADIPOSE TISSUE, metabolism/ ANIMAL/ BIOLOGICAL TRANSPORT/ *CAPILLARIES, metabolism/ CAPILLARIES, ultrastructure/ CELL MEMBRANE, metabolism/ *CHYLOMICRONS, blood/ CHYLOMICRONS, metabolism/ *ENDOTHELIUM, metabolism/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ GLYCERIN, metabolism/ HUMAN/ LACTATION/ *LIPOPROTEIN LIPASE, blood/ LYMPH, metabolism/ MAMMAE, blood supply/ MAMMAE, ultrastructure/ MICROSCOPY, ELECTRON, SCANNING/ MODELS, BIOLOGICAL/ PREGNANCY/ PROTEIN CONFORMATION/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8251. **Scrobohaci ML, Cunescu V, Orha I:** Recurrent thromboembolism with spontaneous platelet aggregation.
Thromb Haemostas 36(3):645–6, 31 Dec 76
*BLOOD PLATELET DISORDERS, complications/ CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET AGGREGATION/ RECURRENCE/ *THROMBOEMBOLISM, blood/ THROMBOEMBOLISM, etiology

8252. **Scrobohaci ML, Stăncioiu N, Zătreanu I:** Activitatea plachetară în cardiopatia ischemică acută şi cronică.
Rev Med Intern [Med Intern] 29(3):273–82, May-Jun 77 (Eng. Abstr.) **(Rum)**
ACUTE DISEASE/ ADULT/ *BLOOD PLATELETS/ CHOLESTEROL, blood/ CHRONIC DISEASE/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERLIPEMIA, complications/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ PLATELET AGGREGATION/ THROMBOSIS, etiology/ TRIGLYCERIDES, blood

8253. **Scully MF, Lane DA, Sagar S, et al:** Intermittent plasminogen-streptokinase treatment of deep vein thrombosis. Thromb Haemostas 37(1):162–9, 28 Feb 77
FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIN, analysis/ HUMAN/ *PLASMINOGEN, administration & dosage/ PLASMINOGEN, therapeutic use/ *STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy

8254. **Scully MF, Kakkar VV:** Methods for semi micro or automated determination of thrombin, antithrombin, and heparin cofactor using he substrate, H-D-Phe-Pip-Arg-p-nitroanilide-2HCl.
Clin Chim Acta 79(3):595–602, 15 Sep 77
*ALPHA GLOBULINS, metabolism/ *ANILIDES, diagnostic use/ *ANTITHROMBINS, metabolism/

AUTOANALYSIS/ *HEPARIN CO-FACTOR, metabolism/ HUMAN/ METHODS/ MICROCHEMISTRY/ OLIGOPEPTIDES, diagnostic use/ *THROMBIN, metabolism

8255. **Scully RE, Galdabini JJ, Mcneely BU:** Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 22--1977. N Engl J Med 296(22):1279-87, 2 Jun 77
ADULT/ BRONCHOPNEUMONIA, pathology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ LUNG ABSCESS, pathology/ PNEUMOTHORAX, diagnosis/ PULMONARY EMBOLISM, pathology/ PULMONARY FIBROSIS, diagnosis/ PULMONARY FIBROSIS, etiology/ *PULMONARY FIBROSIS, pathology/ RESPIRATORY DISTRESS SYNDROME, ADULT, diagnosis/ THORACIC INJURIES, complications

8256. **Scurr JH, Ibrahim SZ, Faber RG, et al:** The efficacy of graduated compression stockings in the prevention of deep vein thrombosis. Br J Surg 64(5):371-3, May 77
ABDOMEN, surgery/ ADULT/ AGED/ *BANDAGES/ HUMAN/ MIDDLE AGE/ *THROMBOPHLEBITIS, prevention & control

8257. **Sealey JE, Moon C, Laragh JH, et al:** Plasma prorenin in normal, hypertensive, and anephric subjects and its effect on renin measurements. Circ Res 40(5 Suppl 1):I41-5, May 77
ADOLESCENCE/ ADULT/ AGED/ BLOOD PRESERVATION, methods/ DIET/ *ENZYME PRECURSORS, blood/ FEMALE/ FREEZING/ HUMAN/ *HYPERTENSION, enzymology/ MALE/ MIDDLE AGE/ *NEPHRECTOMY/ *RENIN, blood/ SODIUM, administration & dosage/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8258. **Sealfon MS, Pickard N:** Hematology problem. Am J Med Technol 43(2):136-7, Feb 77
BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, blood/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LEUKOCYTE COUNT/ MALE

8259. **Searcey MT, Graves CB, Olson RE:** Isolation of a warfarin binding protein from liver endoplasmic reticulum of Sprague-Dawley and warfarin-resistant rats. J Biol Chem 252(18):6260-7, 25 Sep 77
ANIMAL/ DRUG RESISTANCE/ ENDOPLASMIC RETICULUM, metabolism/ *LIVER, metabolism/ MALE/ RATS/ *RECEPTORS, DRUG, isolation & purification/ RIBOSOMES, metabolism/ SPECIES SPECIFICITY/ SUBCELLULAR FRACTIONS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, metabolism

8260. **Searcy TA, Marple RN:** Heparin and thrombocytopenia [letter]. Ann Intern Med 86(3):364, Mar 77
AORTOCORONARY BYPASS/ CASE REPORT/ CORONARY DISEASE, surgery/ *HEPARIN, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *THROMBOPENIA, chemically induced

8261. **Sebeseri O, Kummer H, Zingg E:** Controlled prevention of post-operative thrombosis in urological diseases with depot heparin. Eur Urol 1(5):229-30, 1975
DELAYED-ACTION PREPARATIONS/ FIBRINOGEN, diagnostic use/ *HEPARIN, therapeutic use/ HUMAN/ IODINE RADIOISOTOPES/ POSTOPERATIVE CARE/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control/ *UROLOGIC DISEASES, surgery

8262. **Secco-Millet C, Soulignac O, Rocher P, et al:** Caractérisation par électrophorèse en système non dénaturant de la forme '4 S-trypsine' du récepteur cytosoluble de l'oestradiol d'utérus de Veau C R Acad Sci [D] (Paris) 284(2):137-40, 10 Jan 77 (Eng. Abstr.) **(Fre)**
ANIMAL/ CATTLE/ CYTOSOL, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ *ESTRADIOL, metabolism/ FEMALE/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *RECEPTORS, ESTROGEN/ RECEPTORS, ESTROGEN, isolation & purification/ RECEPTORS, ESTROGEN, metabolism/ *TRYPSIN/ *UTERUS, metabolism

8263. **Seckfort H, Busanny-Caspari W:** Eine ungewöhnliche tödliche Komplikation nach Leberblindpunktion Leber Magen Darm 6(1):29-32, 1976 (Eng. Abstr.) **(Ger)**
AGED/ *BIOPSY, NEEDLE, adverse effects/ CHOLANGITIS, complications/ ENGLISH ABSTRACT/ HEMORRHAGE, etiology/ HUMAN/ IATROGENIC DISEASE/ *LIVER, pathology/ MALE/ PORTAL VEIN/ THROMBOPHLEBITIS, etiology

8264. **Sedlařik K, Schilling B, Seelig G:** The electrically induced thrombosis in the arteria femoralis of pig as a model for in-vivo studies. Z Exp Chir 10(1):23-9, 1977
ANIMAL/ COMPARATIVE STUDY/ *DISEASE MODELS, ANIMAL/ DOGS/ ELECTROCOAGULATION/ *FEMORAL ARTERY/ *SWINE/ *THROMBOSIS, etiology

8265. **Sedlařik K, Reimann G, Lüdde E:** pH-Messungen der Getässwand bei der durch Gleichstrom induzierten Thrombose in der Arteria femoralis des Hundes Z Exp Chir 10(1):30-3, 1977 (Eng. Abstr.) **(Ger)**
ANIMAL/ *DISEASE MODELS, ANIMAL/ DOGS/ ELECTROCOAGULATION/ ENGLISH ABSTRACT/ *FEMORAL ARTERY, metabolism/ HYDROGEN-ION CONCENTRATION/ RESEARCH DESIGN/ THROMBOSIS, etiology/ *THROMBOSIS, metabolism

8266. **Sednev NA, Kondrat'ev AN, Rubinshteĭn SIa:** Vnutribriushnoe krovotechenie u novorozhdennogo na pochve mnozhestvennykh mikroskopicheskikh subkapsuliarnykh angiom selezenki Vestn Khir 118(4):90-1, Apr 77 **(Rus)**
*ABDOMEN/ CASE REPORT/ *HEMANGIOMA, complications/ *HEMORRHAGE, etiology/ HUMAN/ INFANT, NEWBORN/ *SPLENIC NEOPLASMS, complications

8267. **Seeff LB, Hoofnagle J:** Chronic hepatitis in hemophilia [editorial]. Ann Intern Med 86(6):818-20, Jun 77
ADRENAL CORTEX HORMONES, therapeutic use/ CHRONIC DISEASE/ *HEMOPHILIA, complications/ *HEPATITIS, VIRAL, HUMAN, complications/ HEPATITIS, VIRAL, HUMAN, drug therapy/ HUMAN

8268. **Seeger RC, Rayner SA, Banerjee A, et al:** Morphology, growth, chromosomal pattern and fibrinolytic activity of two new human neuroblastoma cell lines. Cancer Res 37(5):1364-71, May 77
ANIMAL/ CELL DIVISION/ *CELL LINE/ *CHROMOSOMES/ *FIBRINOLYSIS/ HUMAN/ ISOENZYMES, metabolism/ MICE/ MICE, NUDE/ NEOPLASM METASTASIS/ NEOPLASM TRANSPLANTATION/ NEUROBLASTOMA, familial & genetic/ NEUROBLASTOMA, metabolism/ *NEUROBLASTOMA, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8269. **Seeler RA, Ashenhurst JB, Langehennig PL:** Behavioral benefits in hemophilia as noted at a special summer camp: observations over a 4-year period. Clin Pediatr (Phila) 16(6):525-9, Jun 77
ADOLESCENCE/ *BEHAVIOR/ *CAMPING/ CHILD/ DENIAL (PSYCHOLOGY)/ GROUP PROCESSES/ *HEMOPHILIA/ HUMAN/ INTERPERSONAL RELATIONS/ MALE/ PARENT-CHILD RELATIONS/ RISK/ SELF MEDICATION/ SPORTS

8270. **Seelich T, Furlan M, Beck EA:** Reactivity of fibrinogen crosslinking sites in the absence of thrombin. Thromb Haemostas 35(3):620-7, 30 Jun 76
ANIMAL/ BINDING SITES/ CADAVERINE/ CATTLE/ DANSYL COMPOUNDS/ FACTOR XIII/ *FIBRINOGEN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PROTAMINES/ SOLUBILITY/ THROMBIN/ UREA

8271. **Seelich T, Astrup T, Furlan M, et al:** A sensitive fluorimetric assay of plasmin and plasminogen. Biochem Med

17(2):202–14, Apr 77
ALCOHOLS, AMYL/ *FIBRINOLYSIN, analysis/ FLUORESCAMINE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *PLASMINOGEN, analysis/ PROTAMINES/ SPECTROMETRY, FLUORESCENCE/ UROKINASE, metabolism

8272. **Seferovskiĭ LE, Lipnitskiĭ EM:** O lechenii ostrogo pankreatita nekotorymi ingibitorami proteinaz Sov Med (10):109–13, Oct 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ENGLISH ABSTRACT/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, drug therapy/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES, therapeutic use

8273. **Sefrin P, Brunswig D, Seyboldt A:** Untersuchungen zur Dynamik der Blutgerinnungsstörung beim traumatisch-hämorrhagischen Schock Chirurg 48(4):227–31, Apr 77 (Eng. Abstr.) **(Ger)**
BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN/ MALE/ PROTHROMBIN TIME/ SERUM GLOBULINS, analysis/ *SHOCK, HEMORRHAGIC, blood/ SHOCK, HEMORRHAGIC, complications/ SHOCK, HEMORRHAGIC, physiopathology/ THROMBOPLASTIN, analysis

8274. **Sefrin P, Brunswig D, Hauptvogel S:** Der Einfluss von Bluttransfusionen auf die Veränderungen der Hämostase bei polytraumatisierten Verletzten. Anaesthesist 26(6):288–94, Jun 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ *BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ FEMALE/ *HEMOSTASIS/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ SHOCK, HEMORRHAGIC, blood/ SHOCK, TRAUMATIC, blood/ TIME FACTORS/ *WOUNDS AND INJURIES, blood/ WOUNDS AND INJURIES, drug therapy

8275. **Sega GA:** Molecular dosimetry of chemical mutagens. Measurement of molecular dose and DNA repair in mammalian germ cells. Mutat Res 38(5):317–26, Oct 76
*ALKYLATING AGENTS, pharmacodynamics/ ANIMAL/ *DOSE-RESPONSE RELATIONSHIP, DRUG/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ *DNA REPAIR/ DNA REPAIR, radiation effects/ DNA, metabolism/ ETHYL METHANESULFONATE, pharmacodynamics/ HISTONES, metabolism/ MALE/ MICE/ *MUTAGENS/ PROTAMINES, metabolism/ SPERMATOZOA, drug effects/ SPERMATOZOA, metabolism/ SPERMATOZOA, radiation effects/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ X-RAYS

8276. **Segal BM, Weintraub MI:** Hashimoto's thyroiditis, myasthenia gravis, idiopathic thrombocytopenic purpura [letter]. Ann Intern Med 85(6):761–3, Dec 76
ADOLESCENCE/ ADULT/ AUTOANTIBODIES, analysis/ BLOOD PLATELETS, immunology/ CASE REPORT/ FEMALE/ HUMAN/ MICROSOMES, immunology/ *MYASTHENIA GRAVIS, complications/ MYASTHENIA GRAVIS, immunology/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, immunology/ THYROGLOBULIN, immunology/ *THYROIDITIS, LYMPHOMATOUS, complications/ THYROIDITIS, LYMPHOMATOUS, immunology

8277. **Segal HL:** Mechanism and regulation of protein turnover in animal cells. Curr Top Cell Regul 11:183–201, 1976 (71 ref.)
ANIMAL/ ARGINASE, metabolism/ CYTOSOL, metabolism/ INSULIN, metabolism/ KINETICS/ LIVER, cytology/ *LIVER, metabolism/ LYSOSOMES, enzymology/ *LYSOSOMES, metabolism/ MODELS, BIOLOGICAL/ PEPTIDE HYDROLASES, metabolism/ PROTEIN DENATURATION/ *PROTEINS, metabolism/ RATS/ REVIEW/ SUCRASE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VACUOLES, metabolism

8278. **Segal I, Fancourt MN, Decker GA, et al:** Cavernous haemangioma of the spleen. A case report. S Afr Med J 51(18):637–8, 30 Apr 77
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ *SPLENIC NEOPLASMS/ SPLENIC NEOPLASMS, diagnosis/ SPLENOMEGALY, diagnosis

8279. **Segel GB, Lichtman MA, Gordon BR, et al:** Plateletpheresis residues: a source of large quantities of human blood lymphocytes. Transfusion 16(5):455–9, Sep–Oct 76
*BLOOD PLATELETS/ *BLOOD TRANSFUSION/ CELL ADHESION/ CELL SEPARATION/ CENTRIFUGATION/ HUMAN/ LEUKOCYTE COUNT/ *LYMPHOCYTES/ PLANT AGGLUTININS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8280. **Segovia R, Daguerre R, Mazza L, et al:** Estudios sobre obtención de proteasas alcalinas. Rev Lat Am Microbiol 18(3):147–50, Jul–Sep 77 (Eng. Abstr.) **(Spa)**
ANIMAL/ *BACILLUS SUBTILIS, growth & development/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *OXYGEN CONSUMPTION/ *PEPTIDE HYDROLASES, biosynthesis

8281. **Segre GV, Niall HD, Sauer RT, et al:** Edman degradation of radioiodinated parathyroid hormone: application to sequence analysis and hormone metabolism in vivo. Biochemistry 16(11):2417–27, 31 May 77
AMINO ACID SEQUENCE/ ANIMAL/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, GEL/ DOGS/ HUMAN/ IODINE RADIOISOTOPES/ ISOTOPE LABELING/ *PARATHYROID HORMONE/ PARATHYROID HORMONE, blood/ PEPTIDE FRAGMENTS, isolation & purification/ PEPTIDE HYDROLASES/ SWINE/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8282. **Seidah NG, Lis M, Gianoulakis C, et al:** Morphine-like activity of sheep beta-lipotropin and of its tryptic fragments. Can J Biochem 55(1):35–40, Jan 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BIOLOGICAL ASSAY/ *LIPOTROPIN/ LIPOTROPIN, pharmacodynamics/ MALE/ MICE/ *MORPHINE/ PEPTIDE FRAGMENTS, pharmacodynamics/ *PEPTIDES/ PEPTIDES, pharmacodynamics/ SHEEP/ TRYPSIN/ VAS DEFERENS, drug effects

8283. **Seidah NG, Dragon N, Benjannet S, et al:** The complete sequence of sheep beta-endorphin. Biochem Biophys Res Commun 74(4):1528–35, 21 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHROMATOGRAPHY, GAS/ *NARCOTICS/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDES/ SHEEP/ TRYPSIN

8284. **Seidel G, Endell W:** Effect of xanthinol nicotinate treatment on platelet aggregation. Int J Clin Pharmacol Biopharm 15(3):139–43, Mar 77
ADENINE NUCLEOTIDES, blood/ ADENOSINE DIPHOSPHATE/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ COLLAGEN/ HUMAN/ LIPIDS, blood/ MALE/ MIDDLE AGE/ NICOTINIC ACIDS, blood/ *PLATELET AGGREGATION, drug effects/ *THEOPHYLLINE, analogs & derivatives/ TIME FACTORS/ *XANTHINOL NIACINATE, pharmacodynamics

8285. **Seidel G, Endell W:** Unterschiedliche Enzymfreisetzung aus der Lever bei Ratten und Mäusen durch eine Cumarin/Rutinschwefelsäureester-Kombination Arzneim Forsch 27(3):617–20, 1977 (Eng. Abstr.) **(Ger)**
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMAL/ ASPARTATE AMINOTRANSFERASE, blood/

COUMARINS, administration & dosage/ *COUMARINS, pharmacodynamics/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ *HYDROXYETHYLRUTOSIDE, analogs & derivatives/ HYDROXYETHYLRUTOSIDE, administration & dosage/ HYDROXYETHYLRUTOSIDE, pharmacodynamics/ IDITOL DEHYDROGENASE, blood/ LETHAL DOSE 50/ *LIVER, drug effects/ LIVER, enzymology/ MALE/ MICE/ MICE, INBRED DBA/ RATS/ *RUTIN, analogs & derivatives/ SPECIES SPECIFICITY

8286. **Seidel HJ:** Hematologic effects of a single dose of methylnitrosourea. Exp Hematol 5(1):19–26, Jan 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ BONE MARROW CELLS, drug effects/ CELL DIVISION, drug effects/ FEMALE/ GRANULOCYTES, drug effects/ *HEMATOPOIESIS, drug effects/ HEMATOPOIETIC STEM CELLS, drug effects/ *HEMATOPOIETIC SYSTEM, drug effects/ INJECTIONS, INTRAVENOUS/ LYMPHOCYTES, drug effects/ METHYLNITROSOUREA, administration & dosage/ *METHYLNITROSOUREA, toxicity/ MICE/ MICE, INBRED CBA/ *NITROSOUREA COMPOUNDS, toxicity/ RETICULOCYTES, drug effects/ SPLEEN, cytology/ SPLEEN, drug effects

8287. **Seidel HJ:** The effect of dimethylbenz(a) anthracene on murine hematopoiesis. Z Krebsforsch 89(2):221–9, 27 Jun 77
ANIMAL/ *BENZANTHRACENES, pharmacodynamics/ BONE MARROW CELLS, drug effects/ FEMALE/ *HEMATOPOIESIS, drug effects/ MICE/ RETICULOCYTES, drug effects/ SPLEEN, drug effects/ THROMBOPENIA, chemically induced/ THYMUS GLAND, drug effects/ 9,10-DIMETHYL-1,2-BENZANTHRACENE, adverse effects/ *9,10-DIMETHYL-1,2-BENZANTHRACENE, pharmacodynamics

8288. **Seidel K, Müller S:** Diagnostik des rheumatischen Fiebers Z Gesamte Inn Med 31(16): 653–60, 15 Aug 76 (Eng. Abstr.) **(Ger)**
ANTISTREPTOLYSIN, analysis/ AUTOANTIBODIES, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ C-REACTIVE PROTEIN, analysis/ CHOREA, diagnosis/ COMPLEMENT, analysis/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ ERYTHEMA MULTIFORME, diagnosis/ FEMALE/ FIBRINOGEN, analysis/ GLYCOPROTEINS, blood/ HEART AUSCULTATION/ HUMAN/ IMMUNOGLOBULINS, analysis/ MALE/ MITRAL VALVE INSUFFICIENCY, diagnosis/ MYOCARDIUM, immunology/ PURPURA, SCHOENLEIN-HENOCH, diagnosis/ RHEUMATIC FEVER, blood/ *RHEUMATIC FEVER, diagnosis/ RHEUMATIC HEART DISEASE, blood/ RHEUMATIC HEART DISEASE, diagnosis/ RHEUMATIC HEART DISEASE, radiography/ STREPTOCOCCUS PYOGENES, immunology

8289. **Seidl S:** Herstellung und Transfusion von tiefgekühlten Blutkonserven Infusionsther Klin Ernaehr 4(2):88–91, Apr 77 (Eng. Abstr.) **(Ger)**
*BLOOD PRESERVATION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ CRYOPROTECTIVE AGENTS/ ENGLISH ABSTRACT/ FREEZING/ GLYCERIN/ HEPATITIS, transmission/ HUMAN

8290. **Seidl S:** Vollblutkonserven oder Erythrozytenkonzentrat Dtsch Med Wochenschr 102(17):669–70, 29 Apr 77 **(Ger)**
*BLOOD PRESERVATION/ *BLOOD TRANSFUSION, methods/ ERYTHROCYTES/ HEPATITIS, VIRAL, HUMAN, prevention & control/ HUMAN

8291. **Seifart W:** Experimentelle Fragen der parenteralen Ernährung Z Exp Chir 9(6):326–40, 1976 (Eng. Abstr.) **(Ger)**
AMINO ACIDS, metabolism/ BLOOD SUGAR, metabolism/ BLOOD VISCOSITY/ CARBOHYDRATES, metabolism/ ENERGY METABOLISM/ ENGLISH ABSTRACT/ FATTY ACIDS, metabolism/ GLOMERULAR FILTRATION RATE/ HUMAN/ INSULIN, metabolism/ NITROGEN, metabolism/ OSMOLAR CONCENTRATION/ *PARENTERAL FEEDING, methods/ PARENTERAL HYPERALIMENTATION, instrumentation/ PARENTERAL HYPERALIMENTATION, methods/ WATER-ELECTROLYTE BALANCE

8292. **Seigneurin D:** Une cause d'erreur surprenante de la numération des plaquettes: les trophozoïtes intra-érythrocytaires Nouv Presse Med 5(38):2552, 13 NOV 76 **(Fre)**
*BLOOD CELL COUNT, standards/ *BLOOD PLATELETS/ *BLOOD, microbiology/ CASE REPORT/ HUMAN/ *MALARIA, blood/ MALE/ *PLASMODIUM FALCIPARUM/ PLASMODIUM FALCIPARUM, isolation & purification

8293. **Seignon B, Lombard A, Elaerts de Conde M, et al:** Paralysies crurales compliquant les traitements anticoagulants. A propos de 3 observations Sem Hop Paris 52(3):159–63, 16 Jan 76 (Eng. Abstr.) **(Fre)**
AGED/ *ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *FEMORAL NERVE/ *HEMATOMA, chemically induced/ HEMATOMA, complications/ HUMAN/ MIDDLE AGE/ *PARALYSIS, chemically induced

8294. **Seiler MW, Rennke HG, Venkatachalam MA, et al:** Pathogenesis of polycation-induced alterations ('fusion') of glomerular epithelium. Lab Invest 36(1):48–61, Jan 77
ANIMAL/ ARGININE/ FEMALE/ FREEZE FRACTURING/ HEPARIN, therapeutic use/ IRON/ *KIDNEY GLOMERULUS, drug effects/ KIDNEY GLOMERULUS, pathology/ KIDNEY GLOMERULUS, ultrastructure/ MICROSCOPY, ELECTRON/ MURAMIDASE, toxicity/ *NEPHROSIS, chemically induced/ NEPHROSIS, drug therapy/ NEPHROSIS, pathology/ PEPTIDES, toxicity/ *POLYAMINES, toxicity/ POLYLYSINE, toxicity/ PROTAMINES, toxicity/ RATS/ STAINS AND STAINING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8295. **Seinfeld ED, Balchum OJ:** Unsuspected pulmonary emboli in well persons: the incomplete pulmonary infarction syndrome. Am Fam Physician 15(2):140–8, Feb 77
ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ WARFARIN, therapeutic use

8296. **Seino M, Abe K, Sakurai Y, et al:** Effect of spironolactone on urinary kallikrein excretion in patients with essential hypertension and in primary aldosteronism. Tohoku J Exp Med 121(2):111–9, Feb 77
ADULT/ ANIMAL/ BIOLOGICAL ASSAY/ DOGS/ FEMALE/ FLUOROMETRY/ HUMAN/ *HYPERALDOSTERONISM, urine/ *HYPERTENSION, urine/ *KALLIKREIN, urine/ MALE/ MIDDLE AGE/ *SPIRONOLACTONE, pharmacodynamics

8297. **Sekul AA, Ory RL:** Rapid enzymatic method for partial hydolysis of oilseed proteins for food uses. J Am Oil Chem Soc 54(1):32–5, Jan 77
*FOOD-PROCESSING INDUSTRY/ *PEANUTS/ *PEPTIDE HYDROLASES/ *PLANT PROTEINS

8298. **Selby JB, Gooneratne NS:** The diagnosis of splenic injury using Tc-99m red blood cells [letter] JNM 18(7):743–4, Jul 77
*ERYTHROCYTES/ HEMATOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ *RADIONUCLIDE IMAGING/ SPLENIC DISEASES, diagnosis/ *SPLENIC RUPTURE, diagnosis/ *TECHNETIUM, diagnostic use

8299. **Selezneva AA, Babenko GA, Bol'shakova MD, et al:**

Preparativnoe vydelenie komponentov terrilitina i izuchenie ikh fermentnykh svoĭstv
Prikl Biokhim Mikrobiol 12(3):416–20, May–Jun 76 (Eng. Abstr.) **(Rus)**
*ASPERGILLUS, enzymology/ CASEIN/ CATALYSIS/ ENGLISH ABSTRACT/ FIBRIN/ *FIBRINOLYSIN, isolation & purification/ HEMOGLOBINS/ HYDROGEN-ION CONCENTRATION

8300. **Selhorst JB, Stark L, Ochs AL, et al:** Disorders in cerebellar ocular motor control. II. Macrosaccadic oscillation. An oculographic, control system and clinico-anatomical analysis. Brain 99(3):509–22, Sep 76
ADULT/ CASE REPORT/ *CEREBELLAR DISEASES, physiopathology/ CEREBELLAR NEOPLASMS, physiopathology/ *EYE MOVEMENTS/ FEMALE/ HEMATOMA, physiopathology/ HUMAN/ MALE/ MELANOMA, physiopathology/ MIDDLE AGE/ MULTIPLE SCLEROSIS, physiopathology/ NYSTAGMUS, physiopathology/ SACCADES

8301. **Seligsohn U, Zitman D, Many A, et al:** Coexistence of factor XI (plasma thromboplastin antecedent) deficiency and Gaucher's disease. Isr J Med Sci 12(12):1448–52, Dec 76
ADULT/ CASE REPORT/ *FACTOR XI DEFICIENCY, complications/ FACTOR XI DEFICIENCY, familial & genetic/ *GAUCHER'S DISEASE, complications/ GAUCHER'S DISEASE, familial & genetic/ HUMAN/ MALE/ PEDIGREE

8302. **Seliverstova GP, Krotova VT:** Rol' faktora vremeni v otvetnykh reaktsiiakh sistemy svertyvaniia krovi i gliukokortikoidnoĭ funktsii kory nadpochechnikov u bol'nykh aterosklerozom pri lechenii khloridnymi natrievymi iodobromnymi vannami.
Vopr Kurortol Fizioter Lech Fiz Kult (4):24–8, Jul–Aug 77 **(Rus)**
*ADRENAL GLANDS, secretion/ *ARTERIOSCLEROSIS, therapy/ *ATHEROSCLEROSIS, therapy/ *BATHS/ *BLOOD COAGULATION/ BROMINE/ CHLORINE/ DIURNAL RHYTHM/ *GLUCOCORTICOIDS, secretion/ HUMAN/ IODINE/ MIDDLE AGE/ SODIUM CHLORIDE/ TIME FACTORS

8303. **Seller JC:** Estrogens for the menopause. Maximizing benefits, minimizing risks. Postgrad Med 62(3):73–9, Sep 77
AFFECTIVE DISTURBANCES, drug therapy/ ARTERIOSCLEROSIS, drug therapy/ BREAST NEOPLASMS, chemically induced/ CLIMACTERIC, drug effects/ CYSTITIS, drug therapy/ ESTRADIOL, adverse effects/ ESTRADIOL, therapeutic use/ ESTROGENS, administration & dosage/ *ESTROGENS, adverse effects/ ESTROGENS, therapeutic use/ ESTRONE, adverse effects/ ESTRONE, therapeutic use/ ETHINYL ESTRADIOL, adverse effects/ ETHINYL ESTRADIOL, therapeutic use/ FEMALE/ HUMAN/ HYPERTENSION, chemically induced/ LIBIDO, drug effects/ *MENOPAUSE, drug effects/ OSTEOPOROSIS, drug therapy/ PREMARIN, therapeutic use/ RISK/ THROMBOSIS, chemically induced/ UTERINE NEOPLASMS, chemically induced/ VAGINITIS, drug therapy

8304. **Sellers A, Cartwright E, Murphy G, et al:** Evidence that latent collagenases are enzyme–inhibitor complexes. Biochem J 163(2):303–7, 1 May 77
ANIMAL/ BONE AND BONES, enzymology/ *CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ CLOSTRIDIOPEPTIDASE A, metabolism/ ENZYME ACTIVATION/ IN VITRO/ MOLECULAR WEIGHT/ PHENYLMERCURIC ACETATE, analogs & derivatives/ RABBITS/ TRYPSIN

8305. **Sellers EM:** Clinical pharmacology of anticoagulants Compr Ther 3(1):60–6, Jan 77
ADMINISTRATION, ORAL/ BIOTRANSFORMATION/ COUMARINS, administration & dosage/ COUMARINS, metabolism/ *COUMARINS, pharmacodynamics/ DRUG INTERACTIONS/ HALF-LIFE/ HUMAN/ PROTEIN BINDING/ WARFARIN, metabolism/ WARFARIN, pharmacodynamics

8306. **Selroos O, van Assendelft A:** Thrombocythaemia and multiple myeloma. A report on two cases.
Acta Med Scand 201(3):243–7, 1977
AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW CELLS/ BUSULFAN, therapeutic use/ CASE REPORT/ FEMALE/ FOLLOW-UP STUDIES/ HEMORRHAGIC THROMBOCYTHEMIA, drug therapy/ *HEMORRHAGIC THROMBOCYTHEMIA, etiology/ HUMAN/ IGA, analysis/ IGG, analysis/ MALE/ MELPHALAN, therapeutic use/ *MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, drug therapy/ MULTIPLE MYELOMA, immunology/ PLASMA CELLS

8307. **Selters WA, Brackmann DE:** Acoustic tumor detection with brain stem electric response audiometry.
Arch Otolaryngol 103(4):181–7, Apr 77
ACOUSTIC NERVE, physiopathology/ *AUDIOMETRY, methods/ AUDITORY THRESHOLD/ *BRAIN STEM, physiopathology/ CHOLESTEATOMA, diagnosis/ *COCHLEA/ COCHLEA, physiopathology/ DIAGNOSTIC ERRORS/ *EAR NEOPLASMS, diagnosis/ EAR NEOPLASMS, physiopathology/ HEARING DISORDERS, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ MENINGIOMA, diagnosis/ NEURAL CONDUCTION/ *NEURILEMMOMA, diagnosis

8308. **Selwyn A, Russell WJ:** Flow through venous cannulae.
Anaesth Intensive Care 5(2):157–60, May 77
BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ *CATHETERIZATION/ *RHEOLOGY/ SALINE SOLUTION, HYPERTONIC/ *SOLUTIONS/ VISCOSITY

8309. **Sementsov IIa, Varmund KA:** Sluchaĭ oslozhneniia disseminirovannogo tuberkuleza simptomokompleksom Werl'gofa Probl Tuberk (1):87–8, Jan 77 **(Rus)**
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *PURPURA, THROMBOPENIC, complications/ *TUBERCULOSIS, PULMONARY, complications

8310. **Semeraro N:** Endotoxins and haemostasis. Acta Clin Belg 31(6):377–92, 1976 (99 ref.)
ANIMAL/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ ENDOTHELIUM, cytology/ *ENDOTOXINS, pharmacodynamics/ *HEMOSTASIS, drug effects/ HUMAN/ IN VITRO/ LEUKOCYTES, drug effects/ MODELS, BIOLOGICAL/ RABBITS/ REVIEW

8311. **Semeraro N, Collen D, Verstraete M:** On the origin of the Aalpha chain heterogeneity of human fibrinogen.
Biochim Biophys Acta 492(1):204–14, 27 May 77
BLOOD PRESERVATION/ *FIBRINOGEN/ FIBRINOGEN, isolation & purification/ FIBRINOGEN, metabolism/ HUMAN/ PEPTIDE FRAGMENTS

8312. **Semeraro N, Vermylen J:** Evidence that washed human platelets possess factor-X activator activity.
Br J Haematol 36(1):107–15, May 77
BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, metabolism/ FACTOR V DEFICIENCY, physiopathology/ FACTOR V, physiology/ FACTOR X DEFICIENCY, physiopathology/ *FACTOR X, metabolism/ HUMAN/ PHOSPHOLIPIDS, metabolism/ PLATELET AGGREGATION/ PROTHROMBIN, metabolism/ TEMPERATURE/ THROMBIN, biosynthesis/ TIME FACTORS

8313. **Semler P, Werner U:** Diabetes mellitus und Mikrozirkulation. Bedeutung der diabetischen Angiopathie für Prognose und Verlauf des Diabetes mellitus, Möglichkeiten und Grundlagen der angiologischen Therapie Fortschr Med 94(7):354–7, 4 Mar 76 (Eng. Abstr.) **(Ger)**
ANTICOAGULANTS, therapeutic use/ BLOOD VISCOSITY/ *DIABETES MELLITUS, physiopathology/ DIABETIC ANGIOPATHIES, blood/ DIABETIC ANGIOPATHIES, drug therapy/ *DIABETIC ANGIOPATHIES, physiopathology/ ENGLISH ABSTRACT/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ HUMAN/

*MICROCIRCULATION, physiopathology/ PLATELET AGGREGATION/ PROGNOSIS

8314. **Sempińska E, Kostka B, Sliwińska H:** Spontaneously increased platelet adhesiveness in multiparous rats--a model for the evaluation of antithrombogenic drugs. Acta Med Pol 17(4):255-60, 1976
ANIMAL/ *ANTITHROMBINS, therapeutic use/ DISEASE MODELS, ANIMAL/ DRUG SCREENING/ FEMALE/ *FLAVONES, therapeutic use/ *PLATELET ADHESIVENESS/ *PREGNANCY/ RATS

8315. **Sempińska E, Kostka B, Królikowska M, et al:** Effect of flavonoids on the platelet adhesiveness in repeatedly bred rats. Pol J Pharmacol Pharm 29(1):7-10, Jan-Feb 77
ANIMAL/ *BIOFLAVONOIDS, pharmacodynamics/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ FEMALE/ IN VITRO/ METHYLATION/ *PLATELET ADHESIVENESS, drug effects/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP

8316. **Semple PF, Boyd AS, Dawes PM, et al:** Angiotensin II and its heptapeptide (2-8), hexapeptide (3-8), and pentapeptide (4-8) metabolites in arterial and venous blood of man. Circ Res 39(5):671-8, Nov 76
ADULT/ AGED/ AMINO ACID SEQUENCE/ ANGIOTENSIN II, analogs & derivatives/ *ANGIOTENSIN II, blood/ ANGIOTENSIN II, isolation & purification/ ANGIOTENSIN, blood/ ARTERIES/ CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ FEMALE/ HALF-LIFE/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROLYSIS/ MALE/ MIDDLE AGE/ *PEPTIDES, blood/ PEPTIDES, isolation & purification/ PREGNANCY/ RADIOIMMUNOASSAY/ RENIN, blood/ VEINS

8317. **Seneca H:** Gram-negative sepsis: part II. Management. Compr Ther 3(8):66-74, Aug 77
ACIDOSIS, etiology/ ADULT/ AMIKACIN, therapeutic use/ CHILD/ CHLORAMPHENICOL, therapeutic use/ CLINDAMYCIN, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DOPAMINE, therapeutic use/ GENTAMICIN, therapeutic use/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ ISOPROTERENOL, therapeutic use/ KANAMYCIN, therapeutic use/ KIDNEY DISEASES, etiology/ METARAMINOL, therapeutic use/ PHENOXYBENZAMINE, therapeutic use/ RESPIRATORY INSUFFICIENCY, etiology/ SEPTICEMIA, complications/ SEPTICEMIA, diagnosis/ *SEPTICEMIA, drug therapy/ TOBRAMYCIN, therapeutic use

8318. **Seneca H:** Gram-negative sepsis: part I. Pathogenesis. Compr Ther 3(7):49-56, Jul 77
DISSEMINATED INTRAVASCULAR COAGULATION/ HOSPITAL INFECTIONS/ HUMAN/ PSEUDOMONAS/ *SEPTICEMIA/ SEPTICEMIA, complications/ SEPTICEMIA, occurrence/ SHOCK, SEPTIC, complications/ SHOCK, SEPTIC, diagnosis/ SHOCK, SEPTIC, physiopathology/ STAPHYLOCOCCUS/ UNITED STATES

8319. **Sénéchal G:** Principales complications et facteurs d'échecs des rhinoplasties Ann Otolaryngol Chir Cervicofac 93(9):597-9, Sep 76 **(Fre)**
AGE FACTORS/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ HUMAN/ INFECTION, etiology/ NASAL SEPTUM/ NOSE DEFORMITIES, surgery/ POSTOPERATIVE CARE/ *RHINOPLASTY, adverse effects

8320. **Senn HJ:** Laborkontrollen bei Langzeitpatienten: Wann? Wie oft? Wie teuer? Ther Umsch 34(8):594-604, Aug 77 (Eng. Abstr.) **(Ger)**
ANTICOAGULANTS, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/ COST BENEFIT ANALYSIS/ ENGLISH ABSTRACT/ *HEART DISEASES, therapy/ HUMAN/ *HYPERTENSION, therapy/ LONG TERM CARE/ SWITZERLAND

8321. **Sentenac A, Dezélée S, Iborra F, et al:** Yeast RNA polymerases. pp. 763-78.
In: Losick R, Chamberlin M, ed. RNA polymerase. Cold Spring Harbor, N.Y. Cold Spring Harbor Laboratory, 1976. QU 58 R106 1975. (25 ref.)
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ISOELECTRIC POINT/ MOLECULAR WEIGHT/ MONOGRAPH/ PEPTIDE HYDROLASES, metabolism/ POLY I-C, metabolism/ PYROPHOSPHATES, metabolism/ REVIEW/ *RNA POLYMERASE I/ RNA POLYMERASE I, isolation & purification/ RNA POLYMERASE I, metabolism/ *RNA POLYMERASE II/ RNA POLYMERASE II, isolation & purification/ *RNA POLYMERASES/ RNA POLYMERASES, isolation & purification/ *SACCHAROMYCES CEREVISIAE, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

8322. **Sentsui H, Kono Y:** Hemagglutination by equine infectious anemia virus. Infect Immun 14(2):325-31, Aug 76
ANIMAL/ CHLOROFORM, pharmacodynamics/ COMPLEMENT FIXATION TESTS/ DEOXYCHOLIC ACID, pharmacodynamics/ ETHER, ETHYL, pharmacodynamics/ FORMALDEHYDE, pharmacodynamics/ GUINEA PIGS/ HEMAGGLUTINATION INHIBITION TESTS/ *HEMAGGLUTINATION/ *HEMAGGLUTINATION/ HEMAGGLUTINATION, radiation effects/ HYDROGEN-ION CONCENTRATION/ *INFECTIOUS ARTERITIS VIRUS OF HORSES, immunology/ NEURAMINIDASE, pharmacodynamics/ PERIODIC ACIDS, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ *RNA VIRUSES, immunology/ SPECIES SPECIFICITY/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ ULTRAVIOLET RAYS

8323. **Serallach E, Hofmann V, Zulnauf M, et al:** Form des Fibrinogenmoleküls in Lösung: dynamische Lichtstreuungsspektroskopie Schweiz Med Wochenschr 106(40):1380, 2 Oct 76 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ HUMAN/ LIGHT/ PROTEIN CONFORMATION/ SCATTERING, RADIATION/ SPECTROMETRY, FLUORESCENCE/ SPECTRUM ANALYSIS

8324. **Sergeev SI, Gracheva ZA, Bergut FA, et al:** Degranuliatsiia i vnutrikletochnyĭ geparin bazofil'nykh granulotsitov krovi bol'nykh rakom zheludka Sov Med (2):29-33, Feb 77 (Eng. Abstr.) **(Rus)**
*BASOPHILS/ ENGLISH ABSTRACT/ *HEPARIN, blood/ HUMAN/ LEUKOCYTE COUNT/ *STOMACH NEOPLASMS, blood

8325. **Serov RA, Chekareva GA, Raguzin KK, et al:** Primenenie okraski gematoksilinom-osnovnym fuksinom-pikrinovoĭ kislotoĭ (GOFP) dlia vyiavleniia povrezhdeniĭ miokarda razlichnogo geneza. Arkh Patol 39(5):70-2, 1977 (Eng. Abstr.) **(Rus)**
ANIMAL/ CONNECTIVE TISSUE CELLS, pathology/ ENGLISH ABSTRACT/ ERYTHROCYTES, pathology/ FIBRIN, analysis/ FUCHSIN, diagnostic use/ HEMATOXYLIN, diagnostic use/ HUMAN/ *MYOCARDIAL INFARCT, pathology/ *MYOCARDIUM, pathology/ PICRATES, diagnostic use/ RATS/ *STAINS AND STAINING, methods

8326. **Serradimigni A, Bory M, Djiane P, et al:** Les signes veineux á la phase aiguë de l'embolie pulmonaire Arch Mal Coeur 69(9):943-9, Sep 76 (Eng. Abstr.) **(Fre)**
ACUTE DISEASE/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, radiography/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, radiography/ THROMBOPHLEBITIS, surgery/ VENA CAVA, INFERIOR, surgery

8327. **Serradimigni A, Bory M, Djiane P, et al:** Evolution de l'embolie pulmonaire Arch Mal Coeur 69(9):951-8, Sep 76 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYTIC AGENTS, adverse effects/ FOLLOW-UP STUDIES/ HEMORRHAGE,

etiology/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, mortality/ *PULMONARY EMBOLISM, physiopathology/ RECURRENCE/ VENOUS INSUFFICIENCY, etiology

8328. **Serradimigni A, Leonetti J, Mathieu P, et al:** Le traitement curatif des thromboses veineuses profondes des membres inférieurs Ann Cardiol Angeiol (Paris) 25 Suppl:411–9, Nov 76 (Eng. Abstr.) **(Fre)**
ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ *LEG, blood supply/ PHLEBOGRAPHY, methods/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, surgery

8329. **Serradimigni A:** Conduite à tenir devant une embolie pulmonaire Ann Cardiol Angeiol (Paris) 26(1):29–33, Jan–Feb 77 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ HUMAN/ METHODS/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, therapy

8330. **Serradimigni A, Bory M, Djiane P, et al:** Les moyens actuels du diagnostic des phlébites des membres inférieurs. Coeur Med Interne 16(2):221–36, Apr–Jun 77 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES/ ISOTOPE LABELING/ LEG, blood supply/ *PHLEBITIS, diagnosis/ PHLEBOGRAPHY/ PLETHYSMOGRAPHY, IMPEDANCE/ RADIOISOTOPE DILUTION TECHNIC

8331. **Seth HK, Frohnsdorff KG:** Acquired hemophilia: a case report. J Am Geriatr Soc 25(2):94–5, Feb 77
AGED/ CASE REPORT/ *FACTOR VIII, analysis/ FEMALE/ HEMOPHILIA, complications/ *HEMOPHILIA, diagnosis/ HEMOPHILIA, etiology/ HUMAN/ MALE/ PSYCHOSES, SENILE, complications/ THROMBOPLASTIN, analysis

8332. **Seth PK, Seth S:** Human complementary component C'3: an appraisal. Hum Genet 33(3):201–11, 30 Aug 76 (67 ref.)
ARTHRITIS, RHEUMATOID, familial & genetic/ BLOOD GROUPS/ BLOOD PRESERVATION/ BLOOD PROTEIN ELECTROPHORESIS/ *COMPLEMENT 3/ COMPLEMENT 3, analysis/ *COMPLEMENT/ FEMALE/ GENE FREQUENCY/ *GENETICS, POPULATION/ HUMAN/ MALE/ PEDIGREE/ PHENOTYPE/ PREGNANCY/ RACIAL STOCKS/ REVIEW/ SEX FACTORS

8333. **Setlow P:** Purification and properties of a specific proteolytic enzyme present in spores of Bacillus magaterium. J Biol Chem 251(24):7853–62, 25 Dec 76
AMINOPEPTIDASES, isolation & purification/ *BACILLUS MEGATERIUM, enzymology/ CALCIUM, pharmacodynamics/ GLYCERIN, pharmacodynamics/ KINETICS/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SPORES, BACTERIAL, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8334. **Seto M:** [Cleansing of patients with thrombocytopenia] Jpn J Nurs Res 10(1):56–62, Winter 77 **(Jpn)**
BATHS/ HUMAN/ HYGIENE/ *THROMBOPENIA, nursing

8335. **Sevitt S:** Organic fragmentation in pulmonary thrombo-emboli. J Pathol 122(2):95–103, Jun 77
ADOLESCENCE/ ADULT/ AGED/ ENDOTHELIUM, pathology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, pathology/ TIME FACTORS

8336. **Sexauer ER, Braun H, Hümmer N:** Das Paget–von Schroetter--Syndrom Roentgenblaetter 30(4):176–81, Apr 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ *AXILLARY VEIN, radiography/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ SYNDROME/ *THROMBOSIS, radiography

8337. **Sexton DL:** The patient with peripheral arterial occulsive disease. Nurs Clin North Am 12(1):89–99, Mar 77
AORTIC ANEURYSM/ AORTIC DISEASES/ *ARTERIAL OCCLUSIVE DISEASES/ ARTERIAL OCCLUSIVE DISEASES, diagnosis/ ARTERIAL OCCLUSIVE DISEASES, surgery/ ARTERIAL OCCLUSIVE DISEASES, therapy/ EMBOLISM/ HUMAN/ INFECTION, prevention & control/ INTERMITTENT CLAUDICATION, etiology/ ISCHEMIA, etiology/ LEG ULCER, therapy/ LEG, blood supply/ PAIN, etiology/ PATIENTS, education/ REST/ THROMBOSIS

8338. **Seyer JM, Kang AH:** Covalent structure of collagen: amino acid sequence of cyanogen bromide peptides from the amino-terminal segment of type III collagen of human liver. Biochemistry 16(6):1158–64, 22 Mar 77
ADULT/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CATTLE/ *COLLAGEN/ COMPARATIVE STUDY/ CYANOGEN BROMIDE/ HUMAN/ LIVER CIRRHOSIS/ *LIVER, analysis/ MALE/ MALEATES/ PEPTIDE FRAGMENTS, analysis/ RATS/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8339. **Seyer JM, Glimcher MJ:** Isolation, characterization and partial amino acid sequence of a phosphorylated polypeptide (E4) from bovine embryonic dental enamel. Biochim Biophys Acta 493(2):441–51, 23 Aug 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *DENTAL ENAMEL PROTEINS, analysis/ EMBRYO/ FEMALE/ MOLECULAR WEIGHT/ ORGANOPHOSPHORUS COMPOUNDS, analysis/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDES/ PEPTIDES, isolation & purification/ *PHOSPHOPROTEINS/ PHOSPHOPROTEINS, isolation & purification/ PREGNANCY/ SERINE, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8340. **Seymour AE, Petrucco OM, Clarkson AR, et al:** Morphological and immunological evidence of coagulopathy in renal complications of pregnancy. Perspect Nephrol Hypertens 5:139–53, 1976
ADOLESCENCE/ ADULT/ ALPHA MACROGLOBULINS, analysis/ COMPLEMENT 1, analysis/ COMPLEMENT 3, analysis/ COMPLEMENT 4, analysis/ *COMPLEMENT, analysis/ *ECLAMPSIA, immunology/ ECLAMPSIA, metabolism/ *ECLAMPSIA, pathology/ FEMALE/ FIBRIN, analysis/ HUMAN/ IGM, analysis/ KIDNEY GLOMERULUS, immunology/ KIDNEY GLOMERULUS, metabolism/ KIDNEY GLOMERULUS, pathology/ *KIDNEY, pathology/ *PRE-ECLAMPSIA, immunology/ PRE-ECLAMPSIA, metabolism/ *PRE-ECLAMPSIA, pathology/ *PREGNANCY TOXEMIAS, immunology/ *PREGNANCY TOXEMIAS, pathology/ PREGNANCY/ PUERPERIUM

8341. **Shabalin AIa, Sychenikov AI:** Sindrom khronicheskoĭ obturatsii briushnoĭ aorty i ego khirurgicheskoe lechenie Kardiologiia 16(6):36–40, Jun 76 (Eng. Abstr.) **(Rus)**
ADULT/ AORTA, ABDOMINAL/ *AORTIC DISEASES/ AORTIC DISEASES, surgery/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ ILIAC ARTERY, surgery/ METHODS/ MIDDLE AGE/ SYNDROME/ *THROMBOSIS/ THROMBOSIS, surgery

8342. **Shabalov NP:** Rol' nasledstvennosti v patogeneze idiopaticheskoĭ trombotsitopenicheskoĭ purpury u detei Vopr Okhr Materin Det 21(4):24–30, Apr 76 (Eng. Abstr.) **(Rus)**
ADULT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALE/ PEDIGREE/ PURPURA, THROMBOPENIC, etiology/ *PURPURA, THROMBOPENIC, familial & genetic

8343. **Shabalov NP, Shabalova NN:** Kletochnyĭ immunitet u detei, bol'nykh idiopaticheskoĭ trombotsitopenicheskoĭ purpuroĭ

Pediatriia (8):60–2, Aug 76 **(Rus)**
ADOLESCENCE/ ADULT/ ANTIBODY FORMATION/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ *IMMUNITY, CELLULAR/ INFANT/ LYMPHOCYTE TRANSFORMATION/ MALE/ *PURPURA, THROMBOPENIC, immunology

8344. **Shabanov NP:** Nasledstvennye trombotsitopatii (obzor literatury i sobstvennye dannye)
Probl Gematol Pereliv Krovi 21(7):40–9, Jul 76 (154 ref.) **(Rus)**
ADENINE NUCLEOTIDES, metabolism/ BLOOD CELL COUNT/ BLOOD COAGULATION/ *BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELETS, pathology/ BLOOD PLATELETS, physiology/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ REVIEW/ THROMBOCYTOPATHY, blood/ THROMBOCYTOPATHY, classification/ *THROMBOCYTOPATHY, familial & genetic/ THROMBOCYTOPATHY, therapy/ THROMBOPENIA, etiology

8345. **Shah DM, Ralph CM, Turkel EJ, et al:** Physiological dead space and arterial oxygenation following pulmonary artery occlusion in patients post trauma. Surg Forum 27(62):166–8, 1976
HUMAN/ OXYGEN, blood/ *PULMONARY ARTERY, physiology/ *PULMONARY EMBOLISM, diagnosis/ RESPIRATORY INSUFFICIENCY, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WOUNDS AND INJURIES, complications

8346. **Shainoff JR, Roenigk HH Jr:** Fibrin complexes in intermediary coagulation. Int J Dermatol 15:738–41, Dec 76
ANIMAL/ *BLOOD COAGULATION/ DISEASE MODELS, ANIMAL/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *FIBRIN, metabolism/ FIBRIN, biosynthesis/ FIBRINOLYSIN, metabolism/ HEMOSTASIS/ RABBITS/ SHWARTZMAN PHENOMENON

8347. **Shalimov AA, Sukharev II:** Novyĭ sposob trombektomii iz glubokikh ven goleni, podkolennoĭ i bedrennykh ven Klin Khir (4):25–7, Apr 76 **(Rus)**
ADULT/ CASE REPORT/ *FEMORAL VEIN, surgery/ HUMAN/ *LEG, blood supply/ MALE/ *POPLITEAL VEIN, surgery/ *THROMBOPHLEBITIS, surgery

8348. **Shalimov AA, Sukharev II, Rogovskiĭ VIa, et al:** UStroĭstvo dlia udaleniia trombov Klin Khir (7):74–6, Jul 76 **(Rus)**
CATHETERIZATION, instrumentation/ HUMAN/ *THROMBOSIS, surgery

8349. **Shalimov AA, Sukharev II, Keĭsevich LV, et al:** Kriozondy v lechenii okkliuzionnykh zabolevanii krovenosnykh sosudov Med Tekh 0(3):27–9, May–Jun 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *CRYOGENIC SURGERY, instrumentation/ DOGS/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ MODELS, BIOLOGICAL/ THROMBOPHLEBITIS, surgery/ *THROMBOSIS, surgery/ *VASCULAR SURGERY, instrumentation/ *VEINS, surgery

8350. **Shallit JB, Smith GA, Francis D, et al:** Nasal hemangiomas of pregnancy. Ear Nose Throat J 56(9):377–9, Sep 77
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMANGIOMA, etiology/ HEMANGIOMA, pathology/ HUMAN/ *NOSE NEOPLASMS, etiology/ NOSE NEOPLASMS, pathology/ *PREGNANCY COMPLICATIONS/ PREGNANCY/ TURBINATES

8351. **Sham R, Silver L, Deysine M:** Fibrinogen 131I scans for detection of experimental absesses. Surg Forum 27(62):20–2, 1976
*ABSCESS, diagnosis/ ANIMAL/ DISEASE MODELS, ANIMAL/ *FIBRINOGEN, diagnostic use/ *IODINE RADIOISOTOPES, diagnostic use/ *RADIONUCLIDE IMAGING/ RATS/ THIGH

8352. **Shanahan M:** Wrap session: critique of a nursing audit of pulmonary embolism and infarction. QRB 2(5):7–11, 27, May 76
HUMAN/ *MYOCARDIAL INFARCT, nursing/ *NURSING AUDIT/ PATIENT CARE PLANNING, standards/ *PULMONARY EMBOLISM, nursing

8353. **Shanberge JN, Kambayashi J, Nakagawa M:** The interaction of platelets with a tritium-labelled heparin
Thromb Res 9(6):595–609, Dec 76
*BLOOD PLATELETS, metabolism/ HEPARIN CO-FACTOR/ *HEPARIN, metabolism/ HUMAN/ MALE/ PLATELET AGGREGATION/ TRITIUM, diagnostic use

8354. **Shanberge JN, Kratz NL, Aster RH:** A hemophilia home care program utilizing cryoprecipitate.
Scand J Haematol (30):85–6, 1977
BLOOD TRANSFUSION/ CRYOGLOBULINS, therapeutic use/ *FACTOR VIII, administration & dosage/ FACTOR VIII, therapeutic use/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN/ MICHIGAN/ WISCONSIN

8355. **Shanik DG, MacErlean DP, Keaveny TV:** The value of Doppler ultrasound in the diagnosis of deep vein thrombosis. Ir J Med Sci 146(4):97–9, Apr 77
HUMAN/ LEG, blood supply/ PHLEBOGRAPHY/ *THROMBOPHLEBITIS, diagnosis/ *ULTRASONICS, diagnostic use

8356. **Shankland ER:** Nuclear medicine technology
Radiography 43(507):63–7, Mar 77
DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING/ *SUBPHRENIC ABSCESS, diagnosis

8357. **Shaper AG:** Primary and secondary prevention trials in coronary heart disease. Postgrad Med J 52(609):464–9, Jul 76
ADULT/ ASPIRIN, therapeutic use/ CORONARY DISEASE, mortality/ *CORONARY DISEASE, prevention & control/ DIET/ DIET, ATHEROGENIC/ EVALUATION STUDIES/ GREAT BRITAIN/ HUMAN/ MALE/ MIDDLE AGE/ RECURRENCE/ UNITED STATES

8358. **Shapira E, Ben-Yoseph Y, Nadler HL:** Abnormal breakdown of alpha2-macroglobulin-trypsin complex in cystic fibrosis. Clin Chim Acta 78(3):359–63, 1 Aug 77
*ALPHA MACROGLOBULINS, metabolism/ COMPARATIVE STUDY/ *CYSTIC FIBROSIS, metabolism/ HUMAN/ PROTEIN BINDING/ TRYPSIN INHIBITOR, KUNITZ SOYBEAN, pharmacodynamics/ *TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8359. **Shapiro B:** The metabolic role of adipose tissue. pp. 3–6.
In: Laron Z, Dickerson Z, ed. The adipose child. Basel, Karger, 1976 W1 PE163H v.1 1975.
ADIPOSE TISSUE, blood supply/ ADIPOSE TISSUE, enzymology/ *ADIPOSE TISSUE, metabolism/ BODY WEIGHT/ CAPILLARIES, metabolism/ DIGLYCERIDES, metabolism/ EATING/ ENDOTHELIUM, metabolism/ ENERGY METABOLISM/ FATTY ACIDS, NONESTERIFIED, metabolism/ GLUCOSE, metabolism/ HUMAN/ LIPIDS, biosynthesis/ LIPOPROTEIN LIPASE, physiology/ MONOGRAPH/ TRIGLYCERIDES, metabolism

8360. **Shapiro DL, Marchesi VT:** Phosphorylation in membranes of intact human erythrocytes. J Biol Chem 252(2):508–17, 25 Jan 77
ANIMAL/ AZIDES, pharmacodynamics/ BLOOD PROTEINS, metabolism/ CATTLE/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DIMETHYL SULFOXIDE, pharmacodynamics/ ERYTHROCYTE MEMBRANE, drug effects/ *ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, metabolism/ HUMAN/ ISOPROTERENOL, pharmacodynamics/ KINETICS/ *MEMBRANE PROTEINS, blood/ MYOCARDIUM, enzymology/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOPROTEINS, blood/ PLANT AGGLUTININS, pharmacodynamics/ PROSTAGLANDINS E, pharmacodynamics/ PROTEIN KINASE, metabolism/ RETICULOCYTES, drug effects/

RETICULOCYTES, metabolism/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8361. **Shapiro GA, Huntzinger SW, Wilson JE 3d:** Variation among commercial activated partial thromboplastin time reagents in response to heparin. Am J Clin Pathol 67(5):477–80, May 77
BLOOD COAGULATION TESTS, instrumentation/ BLOOD COAGULATION, drug effects/ CITRATES/ DRUG INTERACTIONS/ *HEPARIN/ HEPARIN, pharmacodynamics/ HUMAN/ INDICATORS AND REAGENTS/ *THROMBOPLASTIN/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8362. **Shapiro SZ, August JT:** Proteolytic cleavage events in oncornavirus protein synthesis. Biochim Biophys Acta 458(4):375–96, 23 Dec 76 (135 ref.)
ANIMAL/ ARBOVIRUSES, metabolism/ AVIAN LEUKOSIS-SARCOMA VIRUSES, metabolism/ AVIAN LEUKOSIS-SARCOMA VIRUSES, ultrastructure/ GENETICS, MICROBIAL/ INCLUSION BODIES, VIRAL, ultrastructure/ MODELS, BIOLOGICAL/ MORPHOGENESIS/ *ONCOGENIC VIRUSES, metabolism/ PEPTIDE HYDROLASES, metabolism/ PICORNAVIRUSES, metabolism/ PROTEIN PRECURSORS/ REVIEW/ RNA, VIRAL/ TRANSLATION, GENETIC/ VIRAL PROTEINS, biosynthesis/ *VIRAL PROTEINS, metabolism

8363. **Shapkin VS, Zhuravlev VA, Manikhas GM:** Lechenie zlokachestvennykh opukholeĭ pecheni Khirurgiia (Mosk) (11):90–3, Nov 76 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOENDOTHELIOMA, surgery/ HEPATECTOMY, methods/ HUMAN/ *LIVER NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ *SARCOMA, surgery/ *TERATOID TUMOR, surgery

8364. **Shapkin VS:** Spornye i neiasnye voprosy rezektsii pecheni Khirurgiia (Mosk) (2):85–91, Feb 77 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ HEMANGIOMA, surgery/ HUMAN/ LIVER ABSCESS, surgery/ LIVER NEOPLASMS, surgery/ *LIVER, surgery/ LIVER, injuries/ METHODS/ TUBERCULOSIS, HEPATIC, surgery

8365. **Shaposhnikov OK, Domaseva TV:** Materialy k patogenezu allergicheskikh vaskulitov kozhi
Vestn Dermatol Venerol (8):6–11, Aug 76 (104 ref.) (Eng. Abstr.) **(Rus)**
ANIMAL/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS, HETEROGENETIC/ BIOGENIC AMINES, immunology/ ENGLISH ABSTRACT/ HUMAN/ *PURPURA, immunology/ REVIEW

8366. **Sharaev PN, Bogdanov NG, Butolin EG:** Antagonizm deĭstviia salitsilata natriia i vikasola na stenku zheludka Vopr Med Khim (1):83–4, Jan-Feb 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ MALE/ *MUCOPOLYSACCHARIDES, metabolism/ RATS/ SODIUM SALICYLATE, antagonists & inhibitors/ *SODIUM SALICYLATE, pharmacodynamics/ *STOMACH, drug effects/ STOMACH, metabolism/ *VITAMIN K, pharmacodynamics

8367. **Sharaev PN:** O roli vitamina K v obmene glikoproteinov. Vopr Pitan (3):66–7, May-Jun 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ ENGLISH ABSTRACT/ *GLYCOPROTEINS, metabolism/ HEXOSAMINES, metabolism/ LIVER, metabolism/ MALE/ RATS/ TIME FACTORS/ VITAMIN K DEFICIENCY, metabolism/ *VITAMIN K, metabolism

8368. **Sharma GV, Tow DE, Parisi AF, et al:** Diagnosis of pulmonary embolism. Annu Rev Med 28:159–66, 1977 (17 ref.)
ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ ELECTROCARDIOGRAPHY/ HEMOPTYSIS/ HEPARIN, therapeutic use/ HUMAN/ LUNG, blood supply/ LUNG, radiography/ PAIN/ PHLEBOGRAPHY/ PLEURA/ PLEURAL EFFUSION, analysis/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ REVIEW/ TACHYCARDIA/ THORACIC RADIOGRAPHY

8369. **Sharma GV, Sasahara AA:** Le traitement des embolies pulmonaires. Rev Prat 27(31):2031–9, 1 Jun 77 (13 ref.) **(Fre)**
HEPARIN, therapeutic use/ HUMAN/ OXYGEN INHALATION THERAPY/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, surgery/ *PULMONARY EMBOLISM, therapy/ REVIEW/ STREPTOKINASE, therapeutic use/ UROKINASE, therapeutic use

8370. **Sharma HM, Geer JC:** Experimental aortic lesions of acute serum sickness in rabbits. Am J Pathol 88(2):255–66, Aug 77
ACUTE DISEASE/ ANIMAL/ ANTIGEN-ANTIBODY COMPLEX/ *AORTA, pathology/ AORTIC DISEASES, immunology/ AORTIC DISEASES, pathology/ ATHEROSCLEROSIS, immunology/ ATHEROSCLEROSIS, pathology/ BLOOD PLATELETS, immunology/ *DISEASE MODELS, ANIMAL/ ENDOTHELIUM, pathology/ IMMUNE COMPLEX DISEASE, pathology/ MICROSCOPY, ELECTRON, SCANNING/ PLATELET AGGREGATION/ RABBITS/ *SERUM SICKNESS, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8371. **Sharma KK, Chowdhury NK, Sharma AL:** Effect of phenformin and ethyloestrenol on blood fibrinolytic activity on rabbits maintained on high cholesterol diet. Indian J Med Res 64(6):915–22, Jun 76
ANIMAL/ CHOLESTEROL, blood/ *CHOLESTEROL, DIETARY/ *ETHYLESTRENOL, pharmacodynamics/ FIBRINOGEN, analysis/ *FIBRINOLYSIS, drug effects/ MALE/ *PHENFORMIN, pharmacodynamics/ RABBITS

8372. **Sharma SC, Vijayan GP, Suri ML, et al:** Platelet adhesiveness in young patients with ischaemic stroke. J Clin Pathol 30(7):649–52, Jul 77
ADOLESCENCE/ ADULT/ AGE FACTORS/ ALTITUDE/ BRAIN, blood supply/ *CEREBRAL EMBOLISM AND THROMBOSIS, blood/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ HUMAN/ ISCHEMIA/ MALE/ MIDDLE AGE/ *PLATELET ADHESIVENESS

8373. **Sharnoff JG, Rosen RL, Sadler AH, et al:** Prevention of fatal pulmonary thromboembolism by heparin prophylaxis after surgery for hip fractures.
J Bone Joint Surg [Am] 58(7):913–8, Oct 76
ADULT/ AGED/ FEMALE/ *FRACTURES, surgery/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ *HIP, injuries/ HUMAN/ MALE/ MIDDLE AGE/ NEW YORK/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, mortality/ *PULMONARY EMBOLISM, prevention & control/ RETROSPECTIVE STUDIES/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, mortality/ *THROMBOEMBOLISM, prevention & control

8374. **Sharon Z, Schwartz MM, Lewis EJ:** The glomerular localization and transport of aggregated protamine-heparin complexes. Lab Invest 37(1):43–52, Jul 77
ANIMAL/ COMPLEMENT 3, metabolism/ EPITHELIUM, ultrastructure/ *HEPARIN, metabolism/ HISTOCYTOCHEMISTRY/ KIDNEY GLOMERULUS, metabolism/ *KIDNEY GLOMERULUS, ultrastructure/ MALE/ PHAGOCYTOSIS/ *PROTAMINES, metabolism/ RATS

8375. **Sharp AA:** Plasma-fibrinogen and thromboemboli after myocardial infarction [letter]. Lancet 1(8005):251, 29 Jan 77
ARVIN, therapeutic use/ *FIBRINOGEN/

FIBRINOGEN, antagonists & inhibitors/ HUMAN/ *MYOCARDIAL INFARCT, complications/ *THROMBOEMBOLISM, prevention & control

8376. **Sharwood-Smith G:** Anaesthetist in Salalah. Experience in a field surgical team. Anaesthesia 31(8):1049–53, Oct 76
ALTHESIN/ *ANESTHESIA/ AVIATION MEDICINE/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ EMERGENCIES/ GREAT BRITAIN/ HEAD INJURIES, therapy/ HUMAN/ INTUBATION, INTRATRACHEAL/ MAXILLOFACIAL INJURIES, therapy/ *MILITARY MEDICINE/ MUSCAT & OMAN/ PATIENT CARE TEAM/ RESUSCITATION/ SHOCK, HEMORRHAGIC, therapy/ THORACIC INJURIES, therapy/ TRANSPORT OF WOUNDED AND SICK

8377. **Sharykin AS:** Tromboembolicheskie oslozhneniia posle protezirovaniia aortal'nogo klapana Kardiologiia 17(1):23–8, Jan 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AORTIC VALVE, abnormalities/ *AORTIC VALVE, surgery/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ PHENINDIONE, therapeutic use/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, etiology/ POSTOPERATIVE COMPLICATIONS, occurrence/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, occurrence/ THROMBOEMBOLISM, prevention & control

8378. **Shaskan EG, Becker RE:** Blood platelet monoamine oxidase activity in anergic schizophrenics.
Natl Inst Drug Abuse Res Monogr Ser (3):29–35, Nov 75
ALCOHOLISM, enzymology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ CHLORPROMAZINE, pharmacodynamics/ HUMAN/ IMIPRAMINE, pharmacodynamics/ *MONOAMINE OXIDASE, blood/ *SCHIZOPHRENIA, enzymology/ THIOTHIXENE, pharmacodynamics

8379. **Shattil SJ, Cooper RA:** Membrane microviscosity and human platelet function. Biochemistry 15(22):4832–7, 2 Nov 76
BINDING SITES/ *BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ CELL FUSION/ *CELL MEMBRANE, physiology/ CELL MEMBRANE, ultrastructure/ CHOLESTEROL/ HUMAN/ KINETICS/ LIPOSOMES/ MATHEMATICS/ PHOSPHOLIPIDS/ SPECTROMETRY, FLUORESCENCE/ THERMODYNAMICS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VISCOSITY

8380. **Shattil SJ, Bennett JS, Colman RW, et al:** Abnormalities of cholesterol-phospholipid composition in platelets and low-density lipoproteins of human hyperbetalipoproteinemia. J Lab Clin Med 89(2):341–53, Feb 77
ADOLESCENCE/ ADULT/ ATHEROSCLEROSIS, blood/ *BLOOD PLATELETS, analysis/ CHILD/ *CHOLESTEROL, blood/ ERYTHROCYTES, analysis/ FEMALE/ HUMAN/ *HYPERCHOLESTEREMIA, blood/ *LIPOPROTEINS, LDL, blood/ MALE/ MIDDLE AGE/ *PHOSPHOLIPIDS, blood/ PLATELET AGGREGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8381. **Shaul WL, Hall JG:** Multiple congenital anomalies associated with oral anticoagulants.
Am J Obstet Gynecol 127(2):191–8, 15 Jan 77
*ABNORMALITIES, DRUG-INDUCED, etiology/ ADULT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ MALE/ *PHENINDIONE, adverse effects/ PREGNANCY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, adverse effects

8382. **Shaver JA, O'Toole JD:** The second heart sound: newer concepts. Part I: normal and wide physiological splitting.
Mod Concepts Cardiovasc Dis 46(2):7–12, Feb 77
BUNDLE-BRANCH BLOCK, physiopathology/ *HEART AUSCULTATION/ HEART SEPTAL DEFECTS, ATRIAL, physiopathology/ *HEART SOUNDS/ HUMAN/ HYPERTENSION, PULMONARY, physiopathology/ MYOCARDIAL CONTRACTION/ PULMONARY EMBOLISM, physiopathology/ *PULMONARY VALVE STENOSIS, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8383. **Shaw WA, Harlan WR:** Simple assay for glycerophospholipid hydrolase activity of postheparin plasma. J Lipid Res 18(1):123–7, Jan 77
BODY WEIGHT/ DEOXYCHOLIC ACID, pharmacodynamics/ *ESTERASES, blood/ HEPARIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ METHODS/ PHOSPHOLIPIDS/ TEMPERATURE

8384. **Shcherbatenko MK, Beresneva EA, Chakhunashvili OS:** Znachenie obzornogo rentgenologicheskogo issledovaniia pri diagnostike narusheniia bryzheechnogo krovoobrashcheniia. Vestn Rentgenol Radiol (2):38–44, Mar-Apr 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *ANGIOGRAPHY, methods/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ INTESTINE, SMALL, radiography/ MALE/ MESENTERIC ARTERIES/ *MESENTERIC VASCULAR OCCLUSION, radiography/ MESENTERIC VEINS/ *MESENTERY, blood supply/ MIDDLE AGE/ *THROMBOSIS, radiography

8385. **Shchigel'skiĭ VI:** Gemokoaguliatsiia i predtromboticheskoe sostoianie u bol'nykh gipertonicheskoĭ bolezn'iu II i III stadii Vrach Delo (1):51–3, Jan 77 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ *HYPERTENSION, blood/ *HYPERTENSION, pathology/ HYPERTENSION, therapy/ THROMBELASTOGRAPHY

8386. **Shchigel'skiĭ VI:** Gemokoaguliatsiia i predtromboticheskoe sostoianie u bol'nykh gipertonicheskoĭ bolezn'iu II i III stadii Vrach Delo (1):51–3, Jan 77 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTENSION, blood/ *THROMBOSIS, blood

8387. **Shearer MJ, McBurney A, Breckenridge AM, et al:** Effect of warfarin on the metabolism of phylloquinone (vitamin K1):dose-response relationships in man.
Clin Sci Mol Med 52(6):621–30, Jun 77
ADULT/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ MALE/ PHYTONADIONE, administration & dosage/ *PHYTONADIONE, metabolism/ WARFARIN, administration & dosage/ WARFARIN, blood/ *WARFARIN, pharmacodynamics

8388. **Shearn SA, Peake IR, Giddings JC, et al:** The characterization and synthesis of antigens related to factor VIII in vascular endothelium. Thromb Res 11(1):43–56, Jul 77
*ANTIGENS, analysis/ AUTORADIOGRAPHY/ CELLS, CULTURED/ *ENDOTHELIUM, cytology/ ENDOTHELIUM, ultrastructure/ *FACTOR VIII, immunology/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ RISTOCETIN, analysis/ *UMBILICAL CORD, cytology

8389. **Shechter Y, Rubinstein M, Patchornik A:** Selective covalent binding of methionyl-containing peptides and proteins to water insoluble polymeric reagent and their regeneration.
Biochemistry 16(7):1424–30, 5 Apr 77
ACRYLAMIDES/ AMINO ACIDS, analysis/ BINDING SITES/ CHYMOTRYPSIN, metabolism/ KINETICS/ LACTALBUMIN, metabolism/ MACROMOLECULAR SYSTEMS/ *METHIONINE/ *PEPTIDES/ PROTEIN BINDING/ *PROTEINS/ RIBONUCLEASE, metabolism/ SPECTROPHOTOMETRY/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN, metabolism

8390. **Shechter Y, Burnstein Y, Gertler A:** Effect of oxidation of

methionine residues in chicken ovoinhibitor on its inhibitory activities against trypsin, chymotrypsin, and elastase. Biochemistry 16(5):992–7, 8 Mar 77
BINDING SITES/ CHICKENS/ *CHYMOTRYPSIN, antagonists & inhibitors/ *EGG PROTEINS/ EGG PROTEINS, pharmacodynamics/ *GLYCOPROTEINS/ GLYCOPROTEINS, pharmacodynamics/ KINETICS/ METHIONINE/ OXIDATION-REDUCTION/ *PANCREATOPEPTIDASE, antagonists & inhibitors/ PROTEIN BINDING/ SUCCINIMIDES/ *TRYPSIN INHIBITORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8391. **Shelburne FA, Quarfordt SH:** The interaction of heparin with an apoprotein of human very low density lipoprotein. J Clin Invest 60(4):944–50, Oct 77
AMINO ACIDS, analysis/ APOLIPOPROTEINS, analysis/ APOLIPOPROTEINS, isolation & purification/ *APOLIPOPROTEINS, metabolism/ ARGININE, metabolism/ CHROMATOGRAPHY, AFFINITY/ FASTING/ *HEPARIN, metabolism/ HUMAN/ HYPERLIPEMIA, blood/ LIPIDS, analysis/ LIPOPROTEINS, VLDL, analysis/ *LIPOPROTEINS, VLDL, metabolism/ MOLECULAR WEIGHT/ PROTEIN BINDING/ TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8392. **Sheldon GF, Fuchs R:** In vivo comparison of blood preservatives. J Trauma 17(7):505–11, Jul 77
*BLOOD PRESERVATION, methods/ BLOOD TRANSFUSION/ CITRATES/ COMPARATIVE STUDY/ DIPHOSPHOGLYCERIC ACIDS, blood/ *GLUCOSE, analogs & derivatives/ *GLUCOSEPHOSPHATES/ HUMAN/ OXYGEN, blood/ RETROSPECTIVE STUDIES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8393. **Sheliia RN, Kuraspediani MS, Chachiia GI:** Travmaticheskoe povrezhdenie plechevogo spleteniia s sindromom kauzalgii. Zh Vopr Neirokhir (3):56–7, May–Jun 77 **(Rus)**
ADULT/ *BRACHIAL PLEXUS, injuries/ CASE REPORT/ *CAUSALGIA, etiology/ FEMALE/ HEMATOMA, complications/ HUMAN/ *NEURALGIA, etiology/ *WOUNDS, GUNSHOT, complications

8394. **Shen LL, Hermans J, McDonagh J, et al:** Role of fibrinopeptide B release: comparison of fibrins produced by thrombin and Ancrod. Am J Physiol 232(6):H629–33, Jun 77
*ARVIN, metabolism/ CALCIUM, pharmacodynamics/ COMPARATIVE STUDY/ ELASTICITY/ *FIBRIN/ *FIBRINOGEN/ FIBRINOGEN, metabolism/ *FIBRINOPEPTIDES B/ FIBRINOPEPTIDES B, metabolism/ HUMAN/ KINETICS/ LIGHT/ OSMOLAR CONCENTRATION/ *PEPTIDE HYDROLASES, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEIN CONFORMATION/ *REPTILASE, metabolism/ SCATTERING, RADIATION/ *THROMBIN, metabolism/ TURBIDIMETRY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8395. **Shen LL, McDonagh RP, McDonagh J, et al:** Early events in the plasmin digestion of fibrinogen and fibrin. Effects of plasmin on fibrin polymerization. J Biol Chem 252(17):6184–9, 10 Sep 77
CATTLE/ ELASTICITY/ *FIBRIN/ *FIBRINOGEN/ *FIBRINOLYSIN, metabolism/ GELS/ HUMAN/ KINETICS/ MOLECULAR WEIGHT/ THROMBIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8396. **Shen MC:** Prevention of antigen-antibody induced intravascular coagulation by granulocytopenia. J Formosan Med Assoc 76(5):368–80, May 77
AGRANULOCYTOSIS, immunology/ ANIMAL/ *ANTIGEN-ANTIBODY REACTIONS/ BLOOD COAGULATION DISORDERS, immunology/ *BLOOD COAGULATION DISORDERS, prevention & control/ *GRANULOCYTES, immunology/ *LEUKOCYTES, immunology/ MALE/ RABBITS

8397. **Shenkin A, Morrison B, Robertson DA:** Some problems in the correction for intrinsic light-scattering of samples in specific protein analysis by automated immunoprecipitation. Ann Clin Biochem 14(3):163–70, May 77
*BLOOD PROTEINS, analysis/ BLOOD PROTEINS, immunology/ BLOOD/ COMPLEMENT 3, analysis/ HEPARIN, pharmacodynamics/ HUMAN/ IGA, analysis/ IGM, analysis/ *IMMUNOLOGIC TECHNICS/ LIGHT/ POLYETHYLENE GLYCOLS/ PRECIPITATION/ SCATTERING, RADIATION/ TURBIDIMETRY, methods

8398. **Shenouda A, Hatch FE:** Influenza A viral infection associated with acute renal failure. Am J Med 61(5):697–702, Nov 76
ADULT/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ HUMAN/ *INFLUENZA, complications/ *KIDNEY FAILURE, ACUTE, complications/ MALE/ MIDDLE AGE/ MYOGLOBINURIA, complications/ ORTHOMYXOVIRUS TYPE A, HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8399. **Shepro D:** Frank A. Belamarich. Microvasc Res 12(3):241–3, Nov 76
CURRENT BIOG-OBIT/ HEMATOLOGY, history/ HEMOSTASIS/ HISTORICAL ARTICLE/ UNITED STATES

8400. **Sher A, McIntyre SL:** Receptors for C3 on rat peritoneal mast cells. J Immunol 119(2):722–5, Aug 77
ANIMAL/ ANTIBODIES/ BINDING SITES/ CELL ADHESION, drug effects/ COMPLEMENT FIXATION TESTS/ *COMPLEMENT 3/ *COMPLEMENT/ EDTA, pharmacodynamics/ ERYTHROCYTES, immunology/ EGTA, pharmacodynamics/ IN VITRO/ LARVA, immunology/ MAGNESIUM, pharmacodynamics/ MALE/ *MAST CELLS, immunology/ RATS/ *SCHISTOSOMA MANSONI, immunology/ SCHISTOSOMIASIS, immunology/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ ZYMOSAN, immunology

8401. **Sher G:** Pathogenesis and management of uterine inertia complicating abruptio placentae with consumption coagulopathy. Am J Obstet Gynecol 129(2):164–70, 15 Sep 77
*ABRUPTIO PLACENTAE, complications/ ADULT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PILOT PROJECTS/ PREGNANCY/ PROSPECTIVE STUDIES/ UTERINE INERTIA, drug therapy/ *UTERINE INERTIA, etiology

8402. **Sherman LA, Lee J:** Specific binding of soluble fibrin to macrophages. J Exp Med 145(1):76–85, 1 Jan 77
ANIMAL/ ANTIGEN-ANTIBODY COMPLEX/ BINDING SITES/ BLOOD CELLS, metabolism/ CALCIUM, pharmacodynamics/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ GUINEA PIGS/ IGG, metabolism/ KINETICS/ *MACROPHAGES, metabolism/ MAGNESIUM, pharmacodynamics/ MEMBRANE PROTEINS, metabolism/ NEUTROPHILS, metabolism/ PERITONEAL FLUID, cytology/ SOLUBILITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8403. **Sherman LA:** In vivo stability of cryoprecipitate fibrinogen. Transfusion 17(1):59–61, Jan–Feb 77
*COLD/ *FIBRINOGEN/ FIBRINOGEN, isolation & purification/ FIBRINOGEN, metabolism/ FIBRINOGEN, therapeutic use/ HALF-LIFE/ HUMAN/ IODINE RADIOISOTOPES/ *PRECIPITATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8404. **Sherman MM, Dobnik DB, Dennis RC, et al:** Autologous blood transfusion during cardiopulmonary bypass. Chest 70(5):592–5, Nov 76
ADULT/ AGED/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ *CARDIOPULMONARY BYPASS/ *HEART SURGERY/ HEMATOCRIT/ HUMAN/ MIDDLE AGE

8405. **Sherrard JH, Green DL, Swinden LB, et al:** Identification of wheat (Triticum aestivum L.) chromosomes with genes controlling the level of nitrate reductase, nitrite reductase, and acid proteinase using the Chinese Spring–Hope substitution lines. Biochem Genet 14(11–12):905–12, Dec 76
CHROMOSOME MAPPING/ CHROMOSOMES/ CROSSING OVER (GENETICS)/ *GENES/ *NITRATE REDUCTASES, metabolism/ *NITRITE REDUCTASES, metabolism/ *NADH, NADPH OXIDOREDUCTASES, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *WHEAT

8406. **Sherry S:** Low-dose heparin for the prophylaxis of pulmonary embolism. Am Rev Respir Dis 114(4):661–6, Oct 76 (30 ref.)
DRUG ADMINISTRATION SCHEDULE/ *HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ LEG, blood supply/ *PULMONARY EMBOLISM, prevention & control/ REVIEW/ THROMBOPHLEBITIS, prevention & control

8407. **Sherry S:** Anticoagulant therapy: questions and answers. Compr Ther 2(12):58–65, Dec 76
*ANTICOAGULANTS, therapeutic use/ CEREBROVASCULAR DISORDERS, drug therapy/ COUMARINS, administration & dosage/ COUMARINS, adverse effects/ COUMARINS, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG ADMINISTRATION SCHEDULE/ EDUCATION, MEDICAL, CONTINUING/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ PROTHROMBIN TIME/ PULMONARY EMBOLISM, drug therapy/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control

8408. **Sherry S:** Thrombo-embolism. Proc Inst Med Chic 31(4):81–7, 123, Oct–Dec 76
CORONARY DISEASE, prevention & control/ HEPARIN, administration & dosage/ HUMAN/ PLATELET AGGREGATION, drug effects/ PULMONARY EMBOLISM, prevention & control/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, prevention & control

8409. **Sherry S:** The problem of thromboembolic disease. Semin Nucl Med 7(3):205–11, Jul 77
BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ LEG, blood supply/ *RADIONUCLIDE IMAGING/ *THROMBOEMBOLISM, diagnosis/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, diagnosis/ THROMBOSIS, etiology/ THROMBOSIS, physiopathology

8410. **Sherwin RP:** Pathogenesis of metastasis formation. Int J Radiat Oncol Biol Phys 1(1–2):101–5, Oct–Nov 75
ANIMAL/ ASPIRIN, therapeutic use/ BLOOD COAGULATION, drug effects/ CELL ADHESION/ CELL MOVEMENT/ HUMAN/ HYDROLASES, metabolism/ NEOPLASM CIRCULATING CELLS/ *NEOPLASM METASTASIS, pathology/ NEOPLASM METASTASIS, prevention & control/ NEOPLASM SEEDING/ NEOPLASMS, EXPERIMENTAL, enzymology/ NEURAMINIDASE, therapeutic use

8411. **Shestakov NV, Svedentsov EP, Zhuravlev VA, et al:** K voprosu o kriokonservirovanii eritrotsitov i mielokariotsitov. Probl Gematol Pereliv Krovi (2):12–6, Feb 77 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION, methods/ BLOOD TRANSFUSION/ *BONE MARROW CELLS/ BONE MARROW CELLS, physiology/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ ERYTHROCYTES, physiology/ HUMAN/ REFRIGERATION

8412. **Shestakov VA, Polushina TV, Aleksandrova NP, et al:** K voprosu o mekhanizme deĭstviia reopoligliukina Probl Gematol Pereliv Krovi 21(9):21–5, 1976 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION, drug effects/ *DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HEMOSTASIS/ HUMAN

8413. **Shestakov VA, Il'in VN, Aleksandrova NP, et al:** Lechenie ostrogo venoznogo tromboza s primeneniem nepreryvnoĭ infuzii reopoligliukin-geparinovoĭ smesi Kardiologiia 16(11):87–92, Nov 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION/ *DEXTRAN, administration & dosage/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, administration & dosage/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ THROMBELASTOGRAPHY/ THROMBIN, biosynthesis/ THROMBOPHLEBITIS, blood/ *THROMBOPHLEBITIS, therapy

8414. **Shestakov VA, Doktorovich AB:** Diagnostika ostrykh venoznykh trombozov. Reshenie zadachi otsenki sostoianiĭ svertyvaniia i fibrinoliza krovi metodami terorii raspoznavaniia Vestn Akad Med Nauk SSSR (2):71–7, 1977 **(Rus)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ DIAGNOSIS, COMPUTER ASSISTED/ HUMAN/ MIDDLE AGE/ *THROMBOPHLEBITIS, diagnosis

8415. **Shetty KJ, Rao MS:** Studies on groundnut proteins. VI. Isolation, characterisation and hydrogen ion titration of conarachin II. Int J Pept Protein Res 9(1):11–7, Jan 77
AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ *CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *GLOBULINS/ GLOBULINS, analysis/ GLOBULINS, isolation & purification/ HYDROGEN, analysis/ HYDROGEN-ION CONCENTRATION/ METHODS/ *PEANUTS, analysis/ *PEPTIDE HYDROLASES, isolation & purification/ PHOSPHATES, analysis/ PHOSPHORUS, analysis/ PLANT PROTEINS, analysis/ PLANT PROTEINS, isolation & purification/ ULTRACENTRIFUGATION

8416. **Shevtsov VM, Elkhov VA:** Krovenapolnenie nebnykh mindalin pri primenenii epsilon-aminokaprovoĭ kisloty Zh Ushn Nos Gorl Bolezn (6):38–41, 1976 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *AMINOCAPROIC ACIDS, pharmacodynamics/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HEMORRHAGE, etiology/ HUMAN/ *TONSIL, drug effects/ TONSIL, blood supply/ *TONSILLECTOMY/ TONSILLITIS, surgery/ *6-AMINOCAPROIC ACID, pharmacodynamics

8417. **Shiau SY, Liao C, Lee CY:** Further studies on mechanism of anticholinesterase activities of cardiotoxin, protamine and polylysine. J Formosan Med Assoc 75(12):693–9, Dec 76
ANIMAL/ BINDING SITES/ *CHOLINESTERASE INHIBITORS, pharmacodynamics/ CHOLINESTERASES, metabolism/ IN VITRO/ KINETICS/ *PEPTIDES, pharmacodynamics/ *POLYLYSINE, pharmacodynamics/ *PROTAMINES, pharmacodynamics/ *TOXINS, pharmacodynamics

8418. **Shibata-Sekiya K, Tonomura Y:** Structure and function of the two heads of the myosin molecule. III. Cooperativity of the two heads of the myosin molecule, shown by the effect of modification of head A with

rho-chloromercuribenzoate on the interaction of head B with F-actin. J Biochem (Tokyo) 80(6):1371-80, Dec 76
*ACTIN, pharmacodynamics/ ACTOMYOSIN, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ CALCIUM, pharmacodynamics/ *CHLOROMERCURIBENZOATES, pharmacodynamics/ *MEROMYOSINS, metabolism/ PEPTIDE FRAGMENTS, analysis/ PHOSPHATES, metabolism/ SULFHYDRYL COMPOUNDS, metabolism/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8419. **Shields JA, Rodrigues MM, Sarin LK, et al:** Lipofuscin pigment over benign and malignant choroidal tumors. Trans Am Acad Ophthalmol Otolaryngol 81(5):871-81, Sep-Oct 76
*CHOROID NEOPLASMS, diagnosis/ CHOROID NEOPLASMS, pathology/ CHOROID, pathology/ COMPARATIVE STUDY/ DIAGNOSIS, DIFFERENTIAL/ FLUORESCENCE/ FUNDUS FLUORESCENCE PHOTOGRAPHY/ FUNDUS OCULI/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ HYPERPLASIA/ *LIPOFUSCIN/ LIPOFUSCIN, analysis/ LYMPHOID TISSUE, pathology/ MACROPHAGES, ultrastructure/ *MELANOMA, diagnosis/ MICROSCOPY, FLUORESCENCE/ NEOPLASM METASTASIS/ PIGMENT EPITHELIUM OF EYE, ultrastructure/ *PIGMENTS/ PIGMENTS, analysis

8420. **Shields JA, Tasman WS:** B-scan ultrasonography of lesions simulating choroidal melanomas. Mod Probl Ophthalmol 18:57-63, 1977
*CHOROID NEOPLASMS, diagnosis/ CHOROID/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA, diagnosis/ HUMAN/ *MELANOMA, diagnosis/ NEOPLASM METASTASIS/ RETINAL DEGENERATION, diagnosis/ RETINAL DETACHMENT, diagnosis/ *ULTRASONICS, diagnostic use/ UVEAL DISEASES, diagnosis

8421. **Shields MB, Wadsworth JA:** An evaluation of anticoagulation in glaucoma therapy. Ann Ophthalmol 9(9):1115-8, Sep 77
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ *BISHYDROXYCOUMARIN, therapeutic use/ DRUG EVALUATION/ FEMALE/ GLAUCOMA, complications/ *GLAUCOMA, drug therapy/ HUMAN/ INTRAOCULAR PRESSURE/ MALE/ MIDDLE AGE/ RETROSPECTIVE STUDIES/ VISION DISORDERS, drug therapy/ *VISION DISORDERS, etiology/ VISUAL FIELDS

8422. **Shier MR, Wilson RF, James RE, et al:** Fat embolism prophylaxis: a study of four treatment modalities. J Trauma 17(8):621-9, Aug 77
ADOLESCENCE/ ADULT/ ASPIRIN, therapeutic use/ BLOOD PLATELETS, metabolism/ CARBON DIOXIDE, blood/ DEXTRAN, therapeutic use/ EMBOLISM, FAT, etiology/ *EMBOLISM, FAT, prevention & control/ EMBOLISM, FAT, therapy/ FACTOR V, metabolism/ FIBRINOGEN, metabolism/ *FRACTURES, complications/ GLUCOSE SOLUTION, HYPERTONIC, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ OXYGEN, blood

8423. **Shifrin GA, Avdon'kina TD:** Terapiia operatsionnoi krovopoteri Khirurgiia (Mosk) (1):96-100, Jan 77 (Eng. Abstr.) **(Rus)**
ADULT/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ COLLOIDS/ CRYSTALLIZATION/ ENGLISH ABSTRACT/ *HEMORRHAGE, therapy/ HUMAN/ MIDDLE AGE/ SHOCK, HEMORRHAGIC, prevention & control/ *SURGERY, OPERATIVE

8424. **Shigehiro S:** [Rheology in coronary circulation (author's transl)] Respir Circ (Tokyo) 24(10):849-54, Oct 76 **(Jpn)**
*BLOOD VISCOSITY/ *CORONARY CIRCULATION/ HUMAN/ *MYOCARDIAL INFARCT, physiopathology

8425. **Shigemi F, Kitamura Y, Asano S:** [Studies of fibrinolytic activity in the lesion of pustulosis palmaris et plantaris (author's transl)] Jpn J Dermatol 86(10):684-7, 10 Sep 76 **(Jpn)**
ADULT/ AGED/ FEMALE/ *FIBRINOLYSIS/ *FOOT DERMATOSES, pathology/ *HAND DERMATOSES, pathology/ HUMAN/ MALE/ MIDDLE AGE/ SUPPURATION

8426. **Shilov VM, Zemlianitskaia EP, Borisova OK:** Issledovanie biologicheskikh svoistv Cl. perfringens tipa A, vydelennykh u liudeĭ v usloviiakh prebyvaniia ikh v germeticheskoĭ kamere Kosm Biol Aviakosm Med 10(3):71-5, May-Jun 76 (Eng. Abstr.) **(Rus)**
CLOSTRIDIUM PERFRINGENS, enzymology/ *CLOSTRIDIUM PERFRINGENS, isolation & purification/ CLOSTRIDIUM PERFRINGENS, metabolism/ ENGLISH ABSTRACT/ *FECES, microbiology/ HEMOLYSINS, biosynthesis/ HUMAN/ PEPTIDE HYDROLASES, metabolism/ *SEALED CABIN ECOLOGY

8427. **Shimamoto N:** A method for analyzing enzyme kinetics with substrate activation and inhibition and its application to the alpha-chymotrypsin-catalyzed hydrolysis of phenyl acetates. J Biochem (Tokyo) 80(5):961-8, Nov 76
*CHYMOTRYPSIN, metabolism/ KINETICS/ MODELS, CHEMICAL/ OSMOLAR CONCENTRATION/ *PHENYLACETATES, metabolism

8428. **Shimamoto N:** alpha-chymotrypsin-catalyzed hydrolysis of phenyl acetate. Large Hammett's rho constant and participation of histidine-acylated intermediate. J Biochem (Tokyo) 82(1):185-93, Jul 77
ACYLATION/ CHLOROBENZENES, pharmacodynamics/ CHLOROPHENOLS, pharmacodynamics/ *CHYMOTRYPSIN, metabolism/ DEUTERIUM/ HISTIDINE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ OSMOLAR CONCENTRATION/ *PHENYLACETATES, metabolism/ PROTEIN DENATURATION/ SODIUM DODECYL SULFATE

8429. **Shimizu T, Mabuchi I:** Bovine platelet myosin. J Biochem (Tokyo) 81(6):1879-88, Jun 77
*ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, blood/ ADENOSINE TRIPHOSPHATASE, isolation & purification/ ANIMAL/ *BLOOD PLATELETS, analysis/ CALCIUM, pharmacodynamics/ CATTLE/ EDTA, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ MACROMOLECULAR SYSTEMS/ MAGNESIUM, pharmacodynamics/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ MUSCLES/ *MYOSIN, blood/ MYOSIN, isolation & purification/ ORGAN SPECIFICITY/ OSMOLAR CONCENTRATION/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ UREA, pharmacodynamics

8430. **Shimoda C, Matsushima Y, Yanagishima N:** Mating reaction in Saccharomyces cerevisiae. X. Agglutinability-inactivating factor: a factor which destroys sexual agglutinability of a mating-type cells. Antonie van Leeuwenhoek 42(4):511-21, 1976
ADSORPTION/ AGGLUTINATION/ ALLELES/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, GEL/ *CROSSES, GENETIC/ HEAT/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *REPRODUCTION/ *SACCHAROMYCES CEREVISIAE/ TEMPERATURE

8431. **Shimono M, Clementi F:** Intercellular junctions of oral epithelium. II. Ultrastructural changes in rat buccal epithelium induced by trypsin digestion. J Ultrastruct Res 59(1):101-12, Apr 77
ANIMAL/ CELL DIFFERENTIATION/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, ultrastructure/ CHEEK, drug effects/ *CHEEK, ultrastructure/ DESMOSOMES, drug effects/ DESMOSOMES, ultrastructure/ EPITHELIAL CELLS, drug effects/ EPITHELIAL CELLS,

ultrastructure/ EPITHELIUM, drug effects/ EPITHELIUM, ultrastructure/ IN VITRO/ INTERCELLULAR JUNCTIONS, drug effects/ *INTERCELLULAR JUNCTIONS, ultrastructure/ MALE/ MICROSCOPY, ELECTRON/ MOUTH MUCOSA, ultrastructure/ RATS/ TRYPSIN, diagnostic use/ *TRYPSIN, pharmacodynamics

8432. **Shimshak RR, Winestock DP:** Demonstration of cavernous hemangiomas of the neck and tongue by internal jugular and subclavian venography: a case report. J Can Assoc Radiol 27(3):203–5, Sep 76
ADULT/ EVALUATION STUDIES/ FEMALE/ *HEAD AND NECK NEOPLASMS, radiography/ *HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ *JUGULAR VEIN, radiography/ METHODS/ *NECK, blood supply/ *SUBCLAVIAN VEIN, radiography/ *TONGUE NEOPLASMS, radiography

8433. **Shinkai H, Nagai Y:** A latent collagenase from embryonic human skin explants. J Biochem (Tokyo) 81(5):1261–8, May 77
ADULT/ *CLOSTRIDIOPEPTIDASE A/ CLOSTRIDIOPEPTIDASE A, isolation & purification/ CLOSTRIDIOPEPTIDASE A, metabolism/ EMBRYO/ ENZYME ACTIVATION, drug effects/ FEMALE/ HUMAN/ IODIDES, pharmacodynamics/ MOLECULAR WEIGHT/ ORGAN CULTURE/ PREGNANCY/ *SKIN, enzymology/ TRYPSIN, pharmacodynamics

8434. **Shinohara N, Cullen SE, Sachs DH:** Ag-B-linked analogue of Ia antigens in the rat. J Immunol 118(6):2083–7, Jun 77
ANIMAL/ *ANTIGENS/ ANTIGENS, analysis/ BLOOD PLATELETS, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GENETIC CODE/ *HISTOCOMPATIBILITY ANTIGENS/ IMMUNE SERUMS, pharmacodynamics/ IMMUNOSORBENTS/ ISOANTIBODIES/ MALE/ RATS/ RATS, INBRED BN/ RATS, INBRED LEW

8435. **Shipton M, Stuchbury T, Brocklehurst K:** 4-Chloro-7-nitrobenzo-2-oxa-1,3-diazole as a reactivity probe for the investigation of the thiol proteinases. evidence that ficin and bromelain may lack carboxyl groups conformationally equivalent to that of aspartic acid-158 of papain. Biochem J 159(2):235–44, Nov 76
ALKYLATION/ ASPARTIC ACID/ BINDING SITES/ *BROMELAINS/ *FICIN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *NBD CHLORIDE/ *OXADIAZOLES/ PAPAIN/ *PEPTIDE PEPTIDOHYDROLASES

8436. **Shipton M, Stuchbury T, Brocklehurst K:** Evaluation of benzofuroxan as a chromophoric oxidizing agent for thiol groups by using its reactions with papain, ficin, bromelain and low-molecular-weight thiols Biochem J 161(3):627–37, 1 Mar 77
*BENZOXAZOLES/ *BROMELAINS/ *CYCLIC N-OXIDES/ *FICIN/ KINETICS/ OXIDATION-REDUCTION/ OXIMES/ *PAPAIN/ *PEPTIDE PEPTIDOHYDROLASES/ SPECTRUM ANALYSIS/ *SULFHYDRYL REAGENTS

8437. **Shirai S, Owada M, Fujita Y, et al:** [Intracranial hemorrhage in an infant due to vitamin K deficiency --successful management of spontaneous intracerebral and subjural hematoma] Brain Nerv 28(12):1359–64, Dec 76 (Eng. Abstr.) **(Jpn)**
CASE REPORT/ *CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, surgery/ ENGLISH ABSTRACT/ *HEMATOMA, SUBDURAL, etiology/ HEMATOMA, SUBDURAL, surgery/ HUMAN/ INFANT, NEWBORN/ MALE/ *VITAMIN K DEFICIENCY, complications/ VITAMIN K DEFICIENCY, drug therapy

8438. **Shires DL Jr:** Transfusion of frozen-washed red cells in preventing hepatitis. Prog Clin Biol Res 11:183–94, 1976 (23 ref.)
BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ FREEZING/ HEMODIALYSIS/ HEPATITIS B ANTIGENS, analysis/ *HEPATITIS B, prevention & control/ HL-A/ HUMAN/ REVIEW

8439. **Shiroma K, Inomata A, Abe Y, et al:** [Surgical management of acute pulmonary artery embolism] Jpn J Thorac Surg 29(8):571–4, 1 Aug 76 (Eng. Abstr.) **(Jpn)**
ACUTE DISEASE/ ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ LEG INJURIES, complications/ MALE/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, surgery

8440. **Shitikova AS, Kuzmenko EL:** Narushenie pervichnogo gemostaza u bol'nykh khronicheskim limfoleĭkozom. Probl Gematol Pereliv Krovi 22(7):9–14, Jul 77 (Eng. Abstr.) **(Rus)**
AGED/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT/ *HEMOSTASIS/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, physiopathology/ MIDDLE AGE/ PLATELET AGGREGATION

8441. **Shitikova AS:** Znachenie anamneza pri obsledovanii bol'nykh s narusheniiami v sisteme gemostaza. Ter Arkh 49(6):132–6, 1977 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ *HEMORRHAGIC DIATHESIS, diagnosis/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *MEDICAL HISTORY TAKING

8442. **Shively JE, Conrad HE:** Nearest neighbor analysis of heparin: identification and quantitation of the products formed by selective depolymerization procedures. Biochemistry 15(18):3943–50, 7 Sep 76
ANIMAL/ BOROHYDRIDES/ CATTLE/ CHEMISTRY/ *HEPARIN/ HEXOSES, analysis/ KINETICS/ LUNG/ MASS FRAGMENTOGRAPHY/ OLIGOSACCHARIDES, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H

8443. **Shively JE, Conrad HE:** Formation of anhydrosugars in the chemical depolymerization of heparin. Biochemistry 15(18):3932–42, 7 Sep 76
ANIMAL/ CATTLE/ CHEMISTRY/ GLUCOSAMINE, analysis/ GLUCOSE, analysis/ *HEPARIN/ HEXOSES, analysis/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LUNG/ MASS FRAGMENTOGRAPHY/ METHODS/ SULFURIC ACIDS, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ URONIC ACIDS, analysis

8444. **Shively JE, Conrad HE:** Isotopic procedures in the structural analysis of heparin. Fed Proc 36(1):28–31, Jan 77
CHEMISTRY/ DEAMINATION/ *HEPARIN, analysis/ HEPARIN, metabolism/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ NITROUS ACID/ OLIGOSACCHARIDES, analysis/ OXIDATION-REDUCTION/ THROMBOPLASTIN, pharmacodynamics/ TRITIUM/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8445. **Shkhvatsabaia IK, Nekrasova AA:** Biologicheski aktivnye substantsii--prostaglandiny i kininy, ikh rol' v reguliatsii arterial'nogo davleniia i razvitii arterial'noĭ gipertonii Kardiologiia 17(2):136–45, 1977 **(Rus)**
ANIMAL/ *BLOOD PRESSURE/ HEMODYNAMICS/ HOMEOSTASIS/ HUMAN/ *HYPERTENSION, etiology/ HYPERTENSION, metabolism/ HYPERTENSION, physiopathology/ KALLIKREIN, metabolism/ KIDNEY, metabolism/ KIDNEY, physiopathology/ KININS, metabolism/ KININS, pharmacodynamics/ *KININS, physiology/ NEUROHUMORS, physiology/ PROSTAGLANDINS A, physiology/ PROSTAGLANDINS E, physiology/ PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ *PROSTAGLANDINS, physiology

8446. **Shneyour A, Patt Y, Trainin N:** Trypsin-induced increase in intracellular cyclic AMP of lymphocytes. J Immunol 117(6):2143–9, Dec 76
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/

FEMALE/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ MALE/ MICE/ MICE, INBRED C3H/ MICE, INBRED C57BL/ PEPTIDE HYDROLASES, pharmacodynamics/ PRONASE, pharmacodynamics/ *T-LYMPHOCYTES, metabolism/ TIME FACTORS/ TRYPSIN INHIBITORS, pharmacodynamics/ *TRYPSIN, pharmacodynamics

8447. **Shoaf CR, Berko RM, Heizer WD:** Isolation and characterization of four peptide hydrolases from the brush border of rat intestinal mucosa. Biochim Biophys Acta 445(3):694–719, 11 Oct 76
ANIMAL/ CELL MEMBRANE, enzymology/ CYTOSOL, enzymology/ DIPEPTIDES/ EDTA, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *INTESTINAL MUCOSA, enzymology/ KINETICS/ MALE/ MOLECULAR WEIGHT/ PAPAIN/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PHENANTHROLINES, pharmacodynamics/ RATS/ SOLUBILITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8448. **Shohat B, Joshua H, Grinblat J:** Impaired cellular immunecompetence in infectious mononucleosis as assessed by a local graft-versus-host reaction in rats and restoration of the immunecompetence by trypsin. Cell Immunol 25(1):116–20, Jul 76
ADOLESCENCE/ ADULT/ FEMALE/ *GRAFT VS HOST REACTION/ HUMAN/ *INFECTIOUS MONONUCLEOSIS, immunology/ MALE/ *T-LYMPHOCYTES, immunology/ TIME FACTORS/ TRYPSIN, pharmacodynamics

8449. **Shoĭkhet IaN:** Mikrotsirkuliatsiia u bolnykh rakom legkogo. Vopr Onkol 23(4):18–21, 1977 (Eng. Abstr.) **(Rus)**
BLOOD PROTEINS, analysis/ BLOOD VISCOSITY/ CAPILLARIES, pathology/ CELL MEMBRANE PERMEABILITY/ CONJUNCTIVA, blood supply/ ENGLISH ABSTRACT/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, etiology/ HEMATOCRIT/ HUMAN/ *LUNG NEOPLASMS, physiopathology/ *MICROCIRCULATION

8450. **Short D:** The management of the patient with angina. Am Heart J 94(2):135–9, Aug 77
*ANGINA PECTORIS/ ANGINA PECTORIS, diagnosis/ ANGINA PECTORIS, drug therapy/ ANGINA PECTORIS, surgery/ ANTICOAGULANTS, therapeutic use/ AORTOCORONARY BYPASS/ CLOFIBRATE, therapeutic use/ DIAZEPAM, therapeutic use/ DIGOXIN, therapeutic use/ GLYCERYL TRINITRATE, therapeutic use/ HUMAN/ IPROVERATRIL, therapeutic use/ ISOSORBIDE DINITRATE, therapeutic use/ OXPRENOLOL, therapeutic use/ PERHEXILINE, therapeutic use/ PRENYLAMINE, therapeutic use/ PROPRANOLOL, therapeutic use

8451. **Shortridge KF:** Haemagglutination of trypsin modified human erythrocytes by chagres virus. Arch Virol 52(1–2):181–6, 1976
*ARBOVIRUSES, immunology/ ABO BLOOD-GROUP SYSTEM/ BINDING SITES, ANTIBODY/ CHICKENS, immunology/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, immunology/ GEESE, immunology/ HEMAGGLUTINATION INHIBITION TESTS/ *HEMAGGLUTINATION, VIRAL/ HUMAN/ LIPIDS/ LIPOPROTEINS/ TRYPSIN, pharmacodynamics

8452. **Shortridge KF:** Rubella virus serology:detection of residual lipoprotein inhibitors of haemagglutination using sensitive indicator arboviruses. J Clin Pathol 30(5):409–16, May 77
ANTIBODIES, VIRAL, analysis/ *ARBOVIRUSES, immunology/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION, VIRAL, drug effects/ HEPARIN, pharmacodynamics/ KAOLIN, pharmacodynamics/ *LIPOPROTEINS/ LIPOPROTEINS, blood/ MANGANESE, pharmacodynamics/ *RUBELLA VIRUS, immunology/ TIME FACTORS/ VIRUS INHIBITORS, antagonists & inhibitors/ *VIRUS INHIBITORS, analysis

8453. **Showe MK, Isobe E, Onorato L:** Bacteriophage T4 prehead proteinase. II. Its cleavage from the product of gene 21 and regulation in phage-infected cells. J Mol Biol 107(1):55–69, 15 Oct 76
*COLIPHAGES, enzymology/ COLIPHAGES, ultrastructure/ *GENETIC CODE/ IMMUNOELECTROPHORESIS/ MUTATION/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, immunology/ SPECIES SPECIFICITY/ *TRANSCRIPTION, GENETIC/ *TRANSLATION, GENETIC/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRAL PROTEINS, metabolism

8454. **Showe MK, Isobe E, Onorato L:** Bacteriophage T4 prehead proteinase. I. Purification and properties of a bacteriophage enzyme which cleaves the capsid precursor proteins. J Mol Biol 107(1):35–54, 15 Oct 76
CATIONS, DIVALENT/ *COLIPHAGES, enzymology/ COLIPHAGES, ultrastructure/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ MUTATION/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VIRAL PROTEINS/ VIRAL PROTEINS, metabolism

8455. **Shpak NI, Fedorova LI, Savko VV:** Primenenie fibrinolizina pri plasticheskikh iridotsiklitakh Oftalmol Zh 31(5):343–6, 1976 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, therapeutic use/ HUMAN/ *IRIDOCYCLITIS, drug therapy/ *STREPTOCOCCAL INFECTIONS, drug therapy

8456. **Shraer DP:** Modifitsirovannyĭ nefelometricheskiĭ metod opredeleniia aktivnosti vnekletochnoĭ plazmokoagulazy stafilokokkov Zh Mikrobiol Epidemiol Immunobiol (9):112–6, Sep 76 (Eng. Abstr.) **(Rus)**
*COAGULASE, analysis/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE, enzymology/ METHODS/ *STAPHYLOCOCCUS AUREUS, enzymology

8457. **Shraer DP:** Produktsiia vnekletochnoĭ plazmokoagulazy u zolotistykh stafilokokkov v usloviiakh vozdeĭstviia 3,6-diaminoakridinami
Zh Mikrobiol Epidemiol Immunobiol (12):48–52, 1976 (Eng. Abstr.) **(Rus)**
*ACRIDINES, pharmacodynamics/ ACRIFLAVINE, pharmacodynamics/ *COAGULASE, biosynthesis/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ SPECIES SPECIFICITY/ *STAPHYLOCOCCUS AUREUS, drug effects/ STAPHYLOCOCCUS AUREUS, enzymology

8458. **Shrager RI, Mihalyi E, Towne DW:** Proteolytic fragmentation of fibrinogen. II. kinetic modeling of the digestion of human and bovine fibrinogen plasmin or trypsin. Biochemistry 15(24):7382–6, 30 Nov 76
CATTLE/ COMPARATIVE STUDY/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIN, metabolism/ HUMAN/ KINETICS/ MODELS, BIOLOGICAL/ *TRYPSIN, metabolism

8459. **Shraĭber MG, Novikov SA:** Sindrom posttravmaticheskoĭ legochnoĭ nedostatochnosti ('shokovoe legkoe') (obzor literatury) Vestn Khir 118(1):135–41, Jan 77 (55 ref.) **(Rus)**
ANOXIA, complications/ ASPIRATION/ ATELECTASIS, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HEPARIN, therapeutic use/ HUMAN/ LUNG, pathology/ MICROCIRCULATION/ OXYGEN INHALATION THERAPY/ PNEUMONIA, ASPIRATION, complications/ PULMONARY SURFACTANT, metabolism/ RESPIRATION, ARTIFICIAL/ *RESPIRATORY DISTRESS SYNDROME, ADULT, etiology/ RESPIRATORY DISTRESS SYNDROME, ADULT, pathology/ RESPIRATORY DISTRESS SYNDROME, ADULT, therapy/ REVIEW/ SHOCK, complications/ SHOCK, TRAUMATIC, complications

8460. **Shreiner DP, Levin J:** The effects of hemorrhage, hypoxia, and a preparation of erythropoietin on thrombopoiesis. J Lab Clin Med 88(6):930-40, Dec 76
ANIMAL/ *ANOXIA, physiopathology/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ *ERYTHROPOIETIN, pharmacodynamics/ *HEMATOPOIESIS/ HEMATOPOIESIS, drug effects/ HEMORRHAGE, metabolism/ *HEMORRHAGE, physiopathology/ MICE/ PLASMA, physiology/ PLASMA, radiation effects/ RABBITS/ SELENOMETHIONINE, metabolism/ THROMBOPENIA/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8461. **Shtil' AA, Anikin IA:** Tromboz vnutrenneĭ iaremnoĭ veny s obshirnym nekrozom miagkikh tkaneĭ shei kak oslozhnenie mastoidita Vestn Otorinolaringol (6):67-8, Nov-Dec 76 **(Rus)**
ADOLESCENCE/ CASE REPORT/ HUMAN/ *JUGULAR VEIN/ MALE/ *MASTOIDITIS, complications/ *NECK, pathology/ NECROSIS/ *THROMBOSIS, etiology

8462. **Shubich MG, Lopunova ZhK, Shul'zhenko VI:** K gistokhimicheskoĭ kharakteristike tuchnykh kletok v gemangiomakh Arkh Patol 38(12):32-5, 1976 (Eng. Abstr.) **(Rus)**
CARBOHYDRATES, metabolism/ ENGLISH ABSTRACT/ HEMANGIOMA, metabolism/ HEMANGIOMA, pathology/ HUMAN/ MAST CELLS, metabolism/ MAST CELLS, pathology/ *MOUTH MUCOSA, metabolism/ MOUTH MUCOSA, pathology/ *MOUTH NEOPLASMS, metabolism/ MOUTH NEOPLASMS, pathology/ PROTEINS, metabolism/ *SKIN NEOPLASMS, metabolism/ SKIN NEOPLASMS, pathology/ SKIN, metabolism

8463. **Shul'ga GI, Mogil'nyĭ VA:** Izmeneniia ob'ema tsirkuliruiushcheĭ krovi i svertyvaemosti krovi u bol'nykh s ostrymi zheludochno-kishechnymi krovotecheniiami pri vospolnenii krovopoteri Probl Gematol Pereliv Krovi 21(4):15-7, Apr 76 **(Rus)**
ACUTE DISEASE/ *BLOOD COAGULATION/ BLOOD TRANSFUSION/ *BLOOD VOLUME/ *HEMORRHAGE, GASTROINTESTINAL, physiopathology/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ THROMBELASTOGRAPHY

8464. **Shuliak LP, Golovko NG:** Funktsional'nye sdvigi v sisteme gemokoaguliatsii u bol'nykh obliteriruiushchim arteriozom perifericheskikh sosudov konechnosteĭ Klin Khir (6):54-6, Jun 76 **(Rus)**
ADULT/ *ARM, blood supply/ *ARTERIAL OCCLUSIVE DISEASES, blood/ *BLOOD COAGULATION/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE

8465. **Shul'mina AI, Cherniak VIa, Magretova NN, et al:** Izuchenie fiziko-khimicheskikh svoĭstv belka--inhibitora serinovykh proteinaz iz kartofelia Biokhimiia 41(7):1229-34, 1976 (Eng. Abstr.) **(Rus)**
CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ ENZYME INHIBITORS, isolation & purification/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PLANT PROTEINS/ PLANT PROTEINS, isolation & purification/ PLANT PROTEINS, pharmacodynamics/ *PLANTS, analysis

8466. **Shul'tsev GP, Barnatskii VN, Tsalenchuk IaP, et al:** Sravnitel'naia otsenka salureticheskogo effekta furosemida, gidrokarbonata natriia i geparina Ter Arkh 48(7):107-13, 1976 (Eng. Abstr.) **(Rus)**
*BICARBONATES, pharmacodynamics/ BICARBONATES, therapeutic use/ COMPARATIVE STUDY/ DRUG EVALUATION/ ENGLISH ABSTRACT/ *FUROSEMIDE, pharmacodynamics/ FUROSEMIDE, therapeutic use/ GLOMERULONEPHRITIS, drug therapy/ *HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, drug therapy/ *NATRIURESIS, drug effects

8467. **Shul'tsev GP, Gilunova NI, Kozhomkulova BZh, et al:** Primenenie geparina pri glomerulonefrite Klin Med (Mosk) 54(1):61-7, Jan 76 (Eng. Abstr.)**(Rus)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ MALE

8468. **Shumakov VI, Chepurov AK, Dashevskiĭ IE:** Metody izucheniia i otsenka tromborezistentnosti polimernykh materialov Eksp Khir Anesteziol (4):12-5, Jul-Aug 76 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ IN VITRO/ POLYMERS, adverse effects/ *POLYMERS, standards/ PROSTHESIS, adverse effects/ *PROSTHESIS, standards/ *THROMBOSIS, etiology

8469. **Shuman MA, Majerus PW:** The measurement of thrombin in clotting blood by radioimmunoassay. J Clin Invest 58(5):1249-58, Nov 76
ANTITHROMBINS/ *BLOOD COAGULATION/ CROSS REACTIONS/ FACTOR X/ HUMAN/ IGG/ PROTHROMBIN/ RADIOIMMUNOASSAY/ *THROMBIN, analysis/ THROMBIN, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8470. **Shupack JL, Grieco AJ, Epstein AM, et al:** Azaribine, homocystinemia, and thrombosis [letter] Arch Dermatol 113(9):1301-2, Sep 77
*AZARIBINE, adverse effects/ *AZAURIDINE, analogs & derivatives/ *HOMOCYSTINE, blood/ HUMAN/ *THROMBOEMBOLISM, chemically induced/ THROMBOEMBOLISM, etiology

8471. **Shuruev AS:** K voprosu ob antigemofil'noĭ aktivnosti donorskoĭ krovi Probl Gematol Pereliv Krovi 21(9):45-6, 1976 **(Rus)**
ADULT/ BLOOD PRESERVATION, methods/ BLOOD TRANSFUSION/ EPINEPHRINE, pharmacodynamics/ *FACTOR VIII, therapeutic use/ *HEMOPHILIA, therapy/ HUMAN

8472. **Shuruev AS:** Soderzhanie faktora VIII v kriopretsipitate Probl Gematol Pereliv Krovi 22(1):60-1, Jan 77 **(Rus)**
BLOOD PRESERVATION/ *CRYOGLOBULINS, analysis/ *FACTOR VIII, analysis/ HUMAN

8473. **Shustval' NF:** Vliianie geparin-elektroforeza na funktsional'noe sostoianie miokarda u bol'nykh aterosklerozom Vrach Delo (8):60-3, Aug 76 (Eng. Abstr.) **(Rus)**
ADULT/ *CORONARY DISEASE, drug therapy/ CORONARY DISEASE, physiopathology/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL CONTRACTION

8474. **Shustval' NF:** Pronitsaemost' kapilliarov i nekotorye faktory ee reguliatsii u bol'nykh ishemicheskoĭ bolezn'iu serdtsa. Vrach Delo (5):66-71, May 77 (Eng. Abstr.) **(Rus)**
ADULT/ *CAPILLARY PERMEABILITY/ CORONARY DISEASE, drug therapy/ *CORONARY DISEASE, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE

8475. **Shuvalov IuA:** Chreskozhnaia punktsionnaia kateterizatsiia verkhneĭ poloĭ veny cherez podkliuchichnuiu venu Vestn Khir 11(7):47-50, Jul 76 **(Rus)**
ABSCESS/ ADULT/ AGED/ CATHETERIZATION, instrumentation/ *CATHETERIZATION, methods/ CHILD/ HUMAN/ INFANT/ INFANT, NEWBORN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ SEPTICEMIA/ SUBCLAVIAN VEIN/ THROMBOSIS/ *VENA CAVA, SUPERIOR

8476. **Shval'b PG, Nikonenko AS:** Bedrenno-bedrennoe perekrestnoe shuntirovanie pri tromboze aorto-bedrennogo proteza Vestn Khir 117(10):117-8, Oct 76 **(Rus)**
*ARTERIOVENOUS SHUNT, SURGICAL/ *BLOOD VESSEL PROSTHESIS, adverse effects/ CASE REPORT/ *FEMORAL ARTERY, surgery/ *FEMORAL VEIN, surgery/ HUMAN/ MALE/

MIDDLE AGE/ THROMBOSIS, etiology/ *THROMBOSIS, surgery

8477. **Sibbald WJ:** Sepsis--the Wayne State University Symposium--part III. Bacteremia and endotoxemia: a discussion of their roles in the pathophysiology of gram-negative sepsis. Heart Lung 5(5):765-71, Sep-Oct 76
ANIMAL/ BLOOD COAGULATION, drug effects/ BODY TEMPERATURE/ CAPILLARY PERMEABILITY/ CARDIOVASCULAR SYSTEM, physiopathology/ CATECHOLAMINES, metabolism/ COMPLEMENT, biosynthesis/ DOGS/ *ENDOTOXINS, blood/ ENDOTOXINS, pharmacodynamics/ HEART, physiopathology/ HEMATOPOIETIC SYSTEM, drug effects/ HEMODYNAMICS, drug effects/ HUMAN/ HYDROCORTISONE, metabolism/ LIPOPOLYSACCHARIDES, metabolism/ MONKEYS/ *SEPTICEMIA, physiopathology/ VASCULAR RESISTANCE

8478. **Sibinga CT:** Effect of diflunisal on platelet function and blood coagulation. Br J Clin Pharmacol 4 Suppl 1:37S-38S, Feb 77
ADULT/ ANALGESICS, ANTI-INFLAMMATORY, administration & dosage/ ANALGESICS, ANTI-INFLAMMATORY, blood/ *ANALGESICS, ANTI-INFLAMMATORY, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD SUGAR, metabolism/ DOUBLE-BLIND METHOD/ FLUOROBENZENES, blood/ FLUOROBENZENES, pharmacodynamics/ HUMAN/ MALE/ *PLATELET AGGREGATION, drug effects/ SALICYLIC ACIDS, administration & dosage/ SALICYLIC ACIDS, blood/ *SALICYLIC ACIDS, pharmacodynamics/ TIME FACTORS

8479. **Sicuteri F, Schönbaum E:** Why clinical pharmacology of serotonin? Monogr Neural Sci 3:1-7, 1976 (27 ref.)
ANIMAL/ BLOOD PLATELETS, metabolism/ DRUG INTERACTIONS/ EMOTIONS/ HEADACHE, physiopathology/ HUMAN/ INFLAMMATION, physiopathology/ NEURONS, drug effects/ PAIN, physiopathology/ PLATELET AGGREGATION, drug effects/ RECEPTORS, SEROTONIN, drug effects/ REVIEW/ SEROTONIN, metabolism/ *SEROTONIN, pharmacodynamics/ SEROTONIN, physiology/ SEX BEHAVIOR/ TRYPTAMINES, physiology/ TRYPTOPHAN, metabolism

8480. **Sidberry HD, Sadoff JC:** Pyocin sensitivity of Neisseria gonorrhoeae and its feasibility as an epidemiological tool. Infect Immun 15(2):628-37, Feb 77
*BACTERIOCINS, pharmacodynamics/ NEISSERIA GONORRHOEAE, classification/ *NEISSERIA GONORRHOEAE, drug effects/ PSEUDOMONAS AERUGINOSA/ *PYOCIN, pharmacodynamics/ SPECIES SPECIFICITY/ TRYPSIN, pharmacodynamics

8481. **Sidorova NM, Kozlov EA, Serebrianyĭ SB:** Razdelenie i aminokislotnyĭ sostav rastvorimykh v kislykh usloviiakh tripsinovykh peptidov belka tel vkliuchenii virusa ladernogo poliedroza bol'shoĭ voshchinnoĭ moli (G. mellonella) Biokhimiia 41(5):781-6, May 76 (Eng. Abstr.) **(Rus)**
*AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ FRACTIONATION/ *INCLUSION BODIES, VIRAL/ *INSECT VIRUSES, analysis/ *LEPIDOPTERA, microbiology/ *MOTHS, microbiology/ *PEPTIDES, analysis/ *POLYHEDROSIS VIRUSES, analysis/ SOLUBILITY/ TRYPSIN/ *VIRAL PROTEINS, analysis

8482. **Siebert WT, Westerman EL, Smilack JD, et al:** Comparison of thrombophlebitis associated with three cephalosporin antibiotics. Antimicrob Agents Chemother 10(3):467-9, Sep 76
CEPHALOSPORINS, administration & dosage/ *CEPHALOSPORINS, adverse effects/ CEPHALOTHIN, administration & dosage/ *CEPHALOTHIN, adverse effects/ CEPHAPIRIN, administration & dosage/ *CEPHAPIRIN, adverse effects/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MANDELIC ACIDS, administration & dosage/ MANDELIC ACIDS, adverse effects/ *THROMBOPHLEBITIS, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8483. **Siebke H, Ellertsen BB, Lind B:** Reactions to intravenous injections of diazepam. Br J Anaesth 48(12):1187-9, Dec 76
DIAZEPAM, administration & dosage/ *DIAZEPAM, adverse effects/ HUMAN/ INJECTIONS, INTRAVENOUS/ PAIN, chemically induced/ SOLVENTS, adverse effects/ THROMBOPHLEBITIS, chemically induced/ TIME FACTORS

8484. **Siegal FP:** IgG on infants' B lymphocytes: enhanced binding of IgG by Ig M-bearing lymphoid cells in early childhood. Scand J Immunol 5(6-7):721-9, 1976
B-LYMPHOCYTES, drug effects/ *B-LYMPHOCYTES, immunology/ BINDING SITES, ANTIBODY/ CELLS, CULTURED/ FLUORESCENCE/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ *IGG, metabolism/ IGM, metabolism/ IMMUNE ADHERENCE REACTION/ *IMMUNOGLOBULINS, FC, metabolism/ *IMMUNOGLOBULINS, SURFACE, metabolism/ INDICATORS AND REAGENTS/ INFANT, NEWBORN/ STAINS AND STAINING/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8485. **Siegel WH, Zusmer NR:** Abnormal renal arteriography after renal trauma. Urology 9(3):350-2, Mar 77
CASE REPORT/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMATOMA, surgery/ HUMAN/ KIDNEY DISEASES, surgery/ *KIDNEY, injuries/ KIDNEY, radiography/ NEPHRECTOMY/ NEPHROBLASTOMA, radiography/ *RENAL ARTERY, radiography

8486. **Siegert W, Moar MH, Bell C, et al:** Demonstration of complement receptors on lymphoblastoid cells by radiolabeled antibodies and in situ autoradiography. Cell Immunol 31(2):234-41, 15 Jun 77
*AUTORADIOGRAPHY/ BINDING SITES/ CELL LINE/ CELL MEMBRANE, immunology/ CELL MEMBRANE, ultrastructure/ COMPARATIVE STUDY/ *COMPLEMENT 3/ COMPLEMENT 3, metabolism/ *COMPLEMENT/ COMPLEMENT, metabolism/ ERYTHROCYTES, immunology/ *FLUORESCENT ANTIBODY TECHNIC/ LYMPHOMA, immunology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8487. **Siegman-Igra Y, Flatau E, Deligdish L:** Chronic diffuse intravascular coagulation (DIC) in nonmetastatic ovarian cancer: report of a case and review of the literature. Gynecol Oncol 5(1):92-100, Mar 77
BLOOD CELL COUNT/ CASE REPORT/ *CYSTADENOCARCINOMA, complications/ CYSTADENOCARCINOMA, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS, complications/ OVARIAN NEOPLASMS, pathology/ PROTHROMBIN TIME

8488. **Sierra JO, Wilhelmi ML:** Necrósis cutánea postmeningocócica Actas Dermosifiliogr 68(3-4):185-92, Mar-Apr 77 (Eng. Abstr.) **(Spa)**
CASE REPORT/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALE/ *MENINGOCOCCAL INFECTIONS,

complications/ NECROSIS/ SKIN MANIFESTATIONS

8489. **Sievers U, Stenger E:** Thromboseprophy-laxe, Varizen, Odeme-Indikationen für Konfektions-Kompressionsstrümpfte? Vergleichende Druckmessungen von Konfektions-Kompressionsstrümpfen der Kompressionsklasse I-IV Munch Med Wochenschr 118(36):1135-8, 3 Sep 76 (Eng. Abstr.) **(Ger)**
EDEMA, therapy/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HUMAN/ *OCCLUSIVE DRESSINGS/ PRESSURE/ *PROTECTIVE CLOTHING/ *THROMBOSIS, prevention & control/ *VARICOSE VEINS, therapy

8490. **Siezen RJ, Hoenders HJ:** Limited tryptic digestion of alpha-crystallin from calf eye lens: Possible correlation between in vivo and in vitro degradation. FEBS Lett 80(1):75-80, 1 Aug 77
AMINO ACID SEQUENCE/ ANIMAL/ CATTLE/ *CRYSTALLINS/ CRYSTALLINS, metabolism/ KINETICS/ LENS, CRYSTALLINE, metabolism/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PROTEIN CONFORMATION/ TRYPSIN

8491. **Sijačic T:** Jedan slučaj Weilove bolesti. Vojnosanit Pregl 34(3):209-10, May-Jun 77 **(Scr)**
ADULT/ BLOOD COAGULATION/ CASE REPORT/ HUMAN/ MALE/ WEIL'S DISEASE, blood/ *WEIL'S DISEASE, diagnosis

8492. **Silberman H:** Renal failure and the surgeon. Surg Gynecol Obstet 144(5):775-84, May 77 (93 ref.)
ANEMIA, etiology/ ANIMAL/ ANTIBIOTICS, administration & dosage/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ BACTERIAL INFECTIONS, prevention & control/ DIALYSIS/ HEMODIALYSIS/ HEMOSTASIS, SURGICAL/ HUMAN/ IMMUNITY, CELLULAR/ *KIDNEY FAILURE, CHRONIC, surgery/ OXYGEN CONSUMPTION, drug effects/ PARENTERAL HYPERALIMENTATION/ PERITONEAL DIALYSIS/ PLATELET ADHESIVENESS/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ POTASSIUM, blood/ PREOPERATIVE CARE/ REVIEW/ UREMIA, complications/ UREMIA, immunology/ *UREMIA, surgery/ WATER-ELECTROLYTE BALANCE/ WOUND HEALING

8493. **Silfverskiöld B:** Slaganfall--har vi råd avstå från specialiserad vård Lakartidningen 73(38):3108-12, 15 Sep 76 (Eng. Abstr.) **(Swe)**
ANTICOAGULANTS, therapeutic use/ BRAIN EDEMA, etiology/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, surgery/ CEREBRAL EMBOLISM AND THROMBOSIS, therapy/ CEREBROVASCULAR DISORDERS, complications/ CEREBROVASCULAR DISORDERS, surgery/ *CEREBROVASCULAR DISORDERS, therapy/ *COSTS AND COST ANALYSIS/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, drug therapy/ HYPERTENSION, etiology/ *INTENSIVE CARE UNITS/ SWEDEN

8494. **Silk DB, Nicholson JA, Kim YS:** Relationships between mucosal hydrolysis and transport of two phenylalanine dipeptides. Gut 17(11):870-6, Nov 76
ANIMAL/ *DIPEPTIDES, metabolism/ FEMALE/ GLYCINE, metabolism/ HYDROGEN-ION CONCENTRATION/ ILEUM, metabolism/ *INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, enzymology/ JEJUNUM, metabolism/ PEPTIDE HYDROLASES, analysis/ *PHENYLALANINE, metabolism/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8495. **Silk DB, Nicholson A, Kim YS:** Hydrolysis of peptides within lumen of small intestine. Am J Physiol 231(5 Pt. 1):1322-9, Nov 76
ANIMAL/ *DIPEPTIDES, metabolism/ ELECTROPHORESIS, STARCH GEL/ ENZYME ACTIVATION/ FEMALE/ GERM-FREE LIFE/ HYDROLYSIS/ ILEUM, anatomy & histology/ ILEUM, enzymology/ *ILEUM, metabolism/ INTESTINAL MUCOSA, anatomy & histology/ INTESTINAL MUCOSA, enzymology/ *INTESTINAL MUCOSA, metabolism/ JEJUNUM, anatomy & histology/ JEJUNUM, enzymology/ *JEJUNUM, metabolism/ ORGAN WEIGHT/ *PEPTIDE HYDROLASES, metabolism/ RATS/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8496. **Silk DB, Trewby PN, Chase RA, et al:** Treatment of fulminant hepatic failure by polyacrylonitrile-membrane haemodialysis. Lancet 2(8027):1-3, 2 Jul 77
*ACRYLONITRILE/ AMINO ACIDS, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS, pathology/ BLOOD PRESSURE/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FOLLOW-UP STUDIES/ *HEMODIALYSIS, methods/ HEPATIC COMA, mortality/ HEPATIC COMA, physiopathology/ *HEPATIC COMA, therapy/ HUMAN/ *MEMBRANES, ARTIFICIAL/ *NITRILES/ TIME FACTORS

8497. **Silva VA, Miller WV:** Platelet transfusion survey in a regional blood program. Transfusion 17(3):255-60, May-Jun 77
*BLOOD PLATELETS/ BLOOD PRESERVATION, standards/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ HUMAN/ LEUKEMIA, therapy/ PLASMAPHERESIS

8498. **Silva Cuevas A, González Lara D, Rentería Uribe J, et al:** Tumores intratorácicos en niños Bol Med Hosp Infant Mex 34(2):443-57, Mar-Apr 77 (Eng. Abstr.) **(Spa)**
ADENOMA, occurrence/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ FIBROMA, occurrence/ HEMANGIOMA, occurrence/ HUMAN/ INFANT/ LUNG NEOPLASMS, diagnosis/ LUNG NEOPLASMS, occurrence/ LUNG NEOPLASMS, surgery/ LUNG, pathology/ MALE/ MEXICO/ NEOPLASM METASTASIS/ NEOPLASMS, EMBRYONAL AND MIXED, diagnosis/ NEOPLASMS, EMBRYONAL AND MIXED, surgery/ NEUROBLASTOMA, occurrence/ SARCOMA, occurrence/ TERATOID TUMOR, occurrence/ THORACIC NEOPLASMS, diagnosis/ *THORACIC NEOPLASMS, occurrence

8499. **Silvergleid AJ, Hafleigh EB, Harabin MA, et al:** Clinical value of washed-platelet concentrates in patients with non-hemolytic transfusion reactions. Transfusion 17(1):33-7, Jan-Feb 77
ADULT/ AGED/ *BLOOD PLATELETS, transplantation/ *BLOOD PROTEINS, immunology/ *BLOOD TRANSFUSION, adverse effects/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ CITRATES/ EVALUATION STUDIES/ FEMALE/ GLUCOSE/ HUMAN/ *HYPERSENSITIVITY, prevention & control/ MALE/ METHODS/ PLASMA/ THROMBOPENIA, therapy

8500. **Silverman JF, Wexler L:** Complications of percutaneous transfemoral coronary arteriography. Clin Radiol 27(3):317-21, Jul 76
*ANGIOGRAPHY, adverse effects/ ASPIRIN, therapeutic use/ CEREBROVASCULAR DISORDERS, etiology/ *CORONARY VESSELS, radiography/ FEMORAL ARTERY/ HEART CATHETERIZATION, adverse effects/ HEART CATHETERIZATION, methods/ HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, etiology/ PULSE/ THROMBOEMBOLISM, etiology

8501. **Silverstein MN:** Myeloproliferative diseases. Postgrad Med 61(2):206-10, Feb 77
ADULT/ AGED/ CHLORAMBUCIL, therapeutic use/ FEMALE/ HEMORRHAGIC THROMBOCYTHEMIA, drug therapy/ HUMAN/ MALE/ MELPHALAN, therapeutic use/ MIDDLE AGE/ MYELOID METAPLASIA, complications/ MYELOID METAPLASIA, diagnosis/ MYELOID METAPLASIA, therapy/ *MYELOPROLIFERATIVE DISORDERS, therapy/ PHOSPHORUS RADIOISOTOPES, therapeutic use/ POLYCYTHEMIA VERA, drug

therapy/ POLYCYTHEMIA VERA, therapy

8502. **Silvestri R:** New techniques to measure blood cholinesterase activity in domesticated animals. Am J Vet Res 38(5):659–62, May 77
ACETYLCHOLINESTERASE, blood/ ANIMAL/ *ANIMALS, DOMESTIC, blood/ BLOOD PRESERVATION/ CATTLE, blood/ *CHOLINESTERASES, blood/ DOGS, blood/ ERYTHROCYTES, enzymology/ GOATS, blood/ HORSES, blood/ HYDROGEN-ION CONCENTRATION/ METHODS/ SHEEP, blood/ SWINE, blood/ TIME FACTORS

8503. **Silvestroni L, Frajese G, Fabrizio M:** Histones instead of protamines in terminal germ cells of infertile, oligospermic men. Fertil Steril 27(12):1428–37, Dec 76
ADULT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *HISTONES, analysis/ HUMAN/ MALE/ *OLIGOSPERMIA, physiopathology/ *PROTAMINES, analysis/ SPERM MATURATION/ *SPERMATOGENESIS/ *SPERMATOZOA, analysis

8504. **Sim RB, Porter RR, Reid KB, et al:** The structure and enzymic activities of the C1r and C1s subcomponents of C1, the first component of human serum complement. Biochem J 163(2):219–27, 1 May 77
AMINO ACID SEQUENCE/ CARBOHYDRATES, analysis/ *COMPLEMENT 1, metabolism/ *COMPLEMENT, metabolism/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, metabolism

8505. **Simeone FA:** The lumbar sympathetic. Anatomy and surgical implications. Acta Chir Belg 76(1):17–26, Jan 77
AGED/ *ARTERIAL OCCLUSIVE DISEASES, therapy/ EJACULATION/ FEMALE/ *GANGLIA, AUTONOMIC, anatomy & histology/ GANGRENE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ NEURALGIA, etiology/ POSTOPERATIVE COMPLICATIONS/ SEX DISORDERS, etiology/ *SYMPATHECTOMY, methods/ THROMBOSIS, etiology

8506. **Simeoni S, Altieri T, Pacitti C, et al:** Fisiopatologia, clinica e terapia dello shock in corso di sepsi meningococcica Recent Prog Med (Roma) 60(2):131–54, Feb 76 (169 ref.) (Eng. Abstr.) **(Ita)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ANURIA, etiology/ BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ HEMODYNAMICS/ HEPARIN, therapeutic use/ HUMAN/ *MENINGOCOCCAL INFECTIONS, complications/ PLASMA SUBSTITUTES, therapeutic use/ RESPIRATION, ARTIFICIAL/ REVIEW/ *SHOCK, SEPTIC/ SHOCK, SEPTIC, diagnosis/ SHOCK, SEPTIC, physiopathology/ SHOCK, SEPTIC, therapy/ SYMPATHOMIMETICS, therapeutic use/ VASOCONSTRICTOR AGENTS, therapeutic use/ VASODILATOR AGENTS, therapeutic use/ WATER-ELECTROLYTE BALANCE

8507. **Simeonova L:** Deĭstvie na kombinirani khormonalni oralni kontratseptivni na niakoi sistemi na organizma Akush Ginekol (Sofiia) 15(3):220–2, 1976 **(Bul)**
ADENOFIBROMA, chemically induced/ ATROPHY/ BREAST NEOPLASMS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ ENDOMETRIUM/ FEMALE/ HUMAN/ OVARIAN DISEASES, chemically induced/ THROMBOEMBOLISM, chemically induced/ UTERINE DISEASES, chemically induced

8508. **Simkovic I, Krajčovič L, Kostolný M, et al:** Komplikácie pri perkutánnej katetrizácii femorálnej artérie Bratisl Lek Listy 66(5):605–10, 1976 (Eng. Abstr.) **(Cze)**
ANEURYSM, etiology/ ARTERIOVENOUS FISTULA, etiology/ CASE REPORT/ *CATHETERIZATION, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ *FEMORAL ARTERY/ HUMAN/ MIDDLE AGE/ THROMBOSIS, etiology

8509. **Simmons WH, Burkholder DE, Brecher AS:** The hydrolysis of biologically active peptides by bovine lung tissue factor (thromboplastin). Proc Soc Exp Biol Med 152(4):576–84, Sep 76
ANGIOTENSIN II, metabolism/ ANGIOTENSIN, metabolism/ ANIMAL/ BRADYKININ, metabolism/ CATTLE/ FIBRINOPEPTIDES A, metabolism/ HYDROLYSIS/ LUNG, metabolism/ LH-FSH RELEASING HORMONE, metabolism/ MERCAPTOETHANOL, pharmacodynamics/ MIGRATION INHIBITORY FACTOR, metabolism/ OXYTOCIN, metabolism/ SUBSTANCE P, metabolism/ *THROMBOPLASTIN, metabolism

8510. **Simon ER:** Adenine in blood banking. Transfusion 17(4):317–25, Jul–Aug 77
*ADENINE, metabolism/ ADENINE, toxicity/ ANTICOAGULANTS/ BIOLOGICAL TRANSPORT/ BLOOD PLATELETS, drug effects/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CITRATES/ *ERYTHROCYTES, physiology/ GERMANY, WEST/ GLUCOSE/ HUMAN/ OXYGEN CONSUMPTION/ PLASMA, drug effects/ SWEDEN/ UNITED STATES

8511. **Simon JD, Flinton LJ, Albala MM:** A simple method for the cryopreservation of human lymphocytes at –80C. Transfusion 17(1):23–8, Jan–Feb 77
ALKENES/ B-LYMPHOCYTES/ *BLOOD PRESERVATION, methods/ CELL SURVIVAL/ DIMETHYL SULFOXIDE/ *FREEZING/ HUMAN/ LEUKOCYTE COUNT/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES/ PLASMA/ POLYSTYRENES/ T-LYMPHOCYTES

8512. **Simon JP, Rouzaud PB, Guiraud RF:** Etude critique des méthodes isotopiques de détection des phlébites Phlebologie 30(1):37–43, Jan–Mar 77 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ HUMAN/ *PHLEBITIS, diagnosis/ *RADIOISOTOPES, diagnostic use/ *RADIONUCLIDE IMAGING/ *THROMBOPHLEBITIS, diagnosis

8513. **Simon KH:** Pankreasdiagnostik in der Pädiatrie Med Monatsschr 30(12):568–70, Dec 76 **(Ger)**
CHILD/ CHYMOTRYPSIN, blood/ ENZYME TESTS/ HUMAN/ LIPASE, blood/ *PANCREATIC DISEASES, diagnosis/ TRYPSIN, blood

8514. **Simon M, Kaplow R, Salzman E, et al:** A vena cava filter using thermal shape memory alloy. Experimental aspects. Radiology 125(1):87–94, Oct 77
*ALLOYS/ ANIMAL/ CATHETERIZATION/ DOGS/ *FILTRATION, instrumentation/ HUMAN/ NICKEL/ *PULMONARY EMBOLISM, therapy/ TEMPERATURE/ TITANIUM/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VENAE CAVAE/ VENAE CAVAE, pathology

8515. **Simon O, Bohley P, Hückel C, et al:** Untersuchungen zur Wirkung von Proteinaseinhibitoren bei Ratten Arch Tierernaehr 26(5):307–19, May 76 (Eng. Abstr.) **(Ger)**
AMINO ACIDS, analysis/ ANIMAL/ ENGLISH ABSTRACT/ *ENZYME INHIBITORS, pharmacodynamics/ GASTROINTESTINAL SYSTEM, metabolism/ HALF-LIFE/ LIVER, analysis/ MUSCLES, analysis/ NITROGEN, analysis/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEINS, metabolism/ RATS/ TRIAZINES, pharmacodynamics

8516. **Simon TL:** Antithrombotic practice and hip fracture [letter]. Lancet 1(8005):251–2, 29 Jan 77
*ANTICOAGULANTS, therapeutic use/ FRACTURES, surgery/ HUMAN/ PELVIC BONES, injuries/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOSIS, prevention & control

8517. **Simon TL, Curreri PW, Harker LA:** Kinetic characterization of hemostasis in thermal injury. J Lab Clin Med 89(4):702–11, Apr 77
ADOLESCENCE/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION/ *BLOOD

PLATELETS, metabolism/ *BURNS, blood/ BURNS, drug therapy/ CELL SURVIVAL/ FEMALE/ *FIBRINOGEN, metabolism/ FIBRINOLYSIS/ *HEMOSTASIS/ HEPARIN, therapeutic use/ HUMAN/ KINETICS/ MALE/ MIDDLE AGE/ *PLASMINOGEN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8518. **Simonetti MS:** Influenza dell'olio di colza sull'attività della lipasi lipoproteica nel maiale S&TA NU 6(5-6):273-5, Sep-Dec 76 (Eng. Abstr.) **(Ita)**
ANIMAL/ *DIETARY FATS/ ENGLISH ABSTRACT/ ERUCIC ACIDS, pharmacodynamics/ *LIPOPROTEIN LIPASE, metabolism/ LIVER, enzymology/ LUNG, enzymology/ MYOCARDIUM, enzymology/ *OILS, pharmacodynamics/ SWINE

8519. **Simonian SJ, Stuart FP, Hill JL, et al:** Vascular access for dialysis: conversion of a scribner shunt to an arteriovenous fistula. Rev Interam Radiol 6:92-5, 19-22 Nov 76
ADOLESCENCE/ ADULT/ ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ *ARTERIOVENOUS SHUNT, SURGICAL, methods/ CHILD/ FEMALE/ *HEMODIALYSIS/ HUMAN/ MALE/ MIDDLE AGE/ REGIONAL BLOOD FLOW/ THROMBOSIS, etiology

8520. **Simova N, Georgrievska B:** Narušuvanjeto na hemostazata kaj inflamatorni i infektivini zaboluvanja God Zb Med Fak Skopje 22:177-84, 1976 (Eng. Abstr.) **(Scc)**
CENTRAL NERVOUS SYSTEM DISEASES, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ GASTROINTESTINAL DISEASES, complications/ HUMAN/ *RESPIRATORY TRACT INFECTIONS, complications

8521. **Simpson DL, Thorne DR, Loh HH:** Developmentally regulated lectin in neonatal rat brain. Nature 266(5600):367-9, 24 Mar 77
*AGGLUTININS/ ANIMAL/ ANIMALS, NEWBORN, growth & development/ BRAIN CHEMISTRY/ *BRAIN, growth & development/ BRAIN, metabolism/ *CARBOHYDRATES, metabolism/ *CARRIER PROTEINS, metabolism/ CELL ADHESION/ CHYMOTRYPSIN, metabolism/ HEAT/ *HEMAGGLUTININS/ HEXOSAMINES, metabolism/ NERVE TISSUE PROTEINS, metabolism/ NEURAMINIDASE, metabolism/ RATS/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8522. **Simpson IA, Hollaway MR, Beard J:** The subunit structure of rabbit skeletal-muscle phosphofructokinase and the amino acid sequence of the tryptic peptide containing the highly reactive thiol group. Biochem J 163(2):309-16, 1 May 77
AMINO ACID SEQUENCE/ AMINO ACIDS, SULFUR, analysis/ ANIMAL/ MOLECULAR WEIGHT/ *MUSCLES, enzymology/ PEPTIDES, analysis/ *PHOSPHOFRUCTOKINASE, analysis/ RABBITS/ TRYPSIN

8523. **Simpson IJ, Thomson NM, Peters DK:** Mediator systems in experimental allergic glomerular injury. pp. 431-6. In: Giovannetti S, et al., ed. Sixth international congress of nephrology. Basel, Karger, 1976. W3 IN446 1975a. (25 ref.)
ANIMAL/ ANTIBODIES, analysis/ BASEMENT MEMBRANE, immunology/ COMPLEMENT 3, metabolism/ *COMPLEMENT/ FIBRIN/ FIBRINOGEN/ *GLOMERULONEPHRITIS, etiology/ GLOMERULONEPHRITIS, immunology/ GUINEA PIGS/ HUMAN/ IGG/ *KIDNEY GLOMERULUS, immunology/ MECHLORETHAMINE/ MICE/ MONOGRAPH/ *NEUTROPHILS, physiology/ PROTEINURIA, etiology/ RABBITS/ REVIEW/ SNAKE VENOMS/ THYMUS GLAND, physiology

8524. **Simpson RJ, Davidson BE:** Studies on 3-deoxy-D-arabinoheptulosonate-7-phosphate synthetase(phe) from Escherichia coli K12. 1.Purification and subunit structure. Eur J Biochem 70(2):493-500, 15 Nov 76
AMINO ACIDS, analysis/ COBALT, analysis/ DRUG STABILITY/ *ESCHERICHIA COLI, enzymology/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PHOSPHO-2-KETO-3-DEOXY-HEPTONATE ALDOLASE, metabolism/ TRYPSIN

8525. **Sinclair J, Forbes CD, Prentice CR, et al:** The incidence of deep vein thrombosis in prostatectomised patients following the administration of the fibrinolytic inhibitor, aminocaproic acid (EACA). Urol Res 4(3):129-31, 10 Nov 76
AGED/ *AMINOCAPROIC ACIDS, adverse effects/ *ANTIFIBRINOLYTIC AGENTS/ CLINICAL RESEARCH/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *PROSTATECTOMY/ *THROMBOPHLEBITIS, chemically induced/ URETHRA/ *6-AMINOCAPROIC ACID, adverse effects

8526. **Sindermann F:** Die transitorische ischämische Attacke. Dtsch Med Wochenschr 102(21):801, 27 May 77 **(Ger)**
ASPIRIN, therapeutic use/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, surgery/ *CEREBRAL ISCHEMIA, TRANSIENT, therapy/ COUMARINS, therapeutic use/ HUMAN

8527. **Sineok LL, Nenova LN:** Vozrastnye osobennosti kislotno-shchelochnogo ravnovesiia i sistemy gemokoaguliatsii pri golodanii. Biull Eksp Biol Med 82(10):1189-91, Oct 76 (Eng. Abstr.) **(Rus)**
*ACID-BASE EQUILIBRIUM/ ACIDOSIS, etiology/ AGE FACTORS/ ANIMAL/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ MALE/ RATS/ *STARVATION/ STARVATION, mortality/ STARVATION, physiopathology/ THROMBOSIS, etiology

8528. **Singer AD, Thibeault DW, Hobel CJ, et al:** Serum plasminogen and lung surfactant in the respiratory distress syndrome. Pediatr Res 11(2):119-23, Feb 77
*AMNIOTIC FLUID, analysis/ BLOOD PROTEINS, analysis/ CAPILLARY PERMEABILITY/ FEMALE/ FETAL ANOXIA, complications/ GESTATIONAL AGE/ HUMAN/ INFANT, NEWBORN/ PLASMINOGEN, analysis/ *PLASMINOGEN, blood/ PREGNANCY COMPLICATIONS/ PREGNANCY/ PROTEINS, analysis/ *PULMONARY SURFACTANT, analysis/ RESPIRATORY DISTRESS SYNDROME, blood/ *RESPIRATORY DISTRESS SYNDROME, metabolism

8529. **Singer DS, Singer MF:** Studies on the interaction of H1 histone with superhelical DNA: characterization of the recognition and binding regions of H1 histones. Nucleic Acids Res 3(10):2531-47, Oct 76
ANIMAL/ BROMOSUCCINIMIDE/ CATTLE/ CHYMOTRYPSIN/ *DNA, CIRCULAR, metabolism/ *DNA, VIRAL, metabolism/ *HISTONES, metabolism/ NUCLEIC ACID CONFORMATION/ OSMOLAR CONCENTRATION/ PEPTIDES, metabolism/ PROTEIN BINDING, drug effects/ PROTEIN CONFORMATION, drug effects/ SODIUM CHLORIDE, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ SV40 VIRUS/ THYMUS GLAND/ UREA, pharmacodynamics

8530. **Singh AK, Wetherley-Mein G:** Microvascular occlusive lesions in primary thrombocythaemia. Br J Haematol 36(4):553-64, Aug 77
ADULT/ AGED/ BUSULFAN, therapeutic use/ CAPILLARIES/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GANGRENE, etiology/ HEMORRHAGIC THROMBOCYTHEMIA, complications/ HEMORRHAGIC THROMBOCYTHEMIA, diagnosis/ HUMAN/ *ISCHEMIA, etiology/ MALE/ MIDDLE AGE/ POLYCYTHEMIA, diagnosis/ *THROMBOCYTOSIS, complications/ THROMBOCYTOSIS, diagnosis/ THROMBOCYTOSIS, drug therapy/ *TOES, blood supply

8531. **Singh AP, Bragg PD:** Ascorbate-phenazine methosulfate-dependent membrane energization in respiratory chain mutants of Escherichia coli.

Biochem Biophys Res Commun 72(1):195–201, 7 Sep 76
*ASCORBIC ACID, pharmacodynamics/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, metabolism/ COUMARINS, pharmacodynamics/ CYANIDES, pharmacodynamics/ CYTOCHROMES, metabolism/ ESCHERICHIA COLI, drug effects/ *ESCHERICHIA COLI, metabolism/ *METHYLPHENAZONIUM METHOSULFATE, pharmacodynamics/ MUTATION/ *OXYGEN CONSUMPTION, drug effects/ PHENANTHROLINES, pharmacodynamics/ *PHENAZINES, pharmacodynamics/ PIERICIDIN A, pharmacodynamics/ QUINOLINES, pharmacodynamics/ SPECTROMETRY, FLUORESCENCE/ UBIQUINONE, deficiency

8532. **Singh C, Sharma MN:** Use of alpha-chymotrypsin in the hydrolysis of esters of p-nitro, p-nitroso, p-amino dihydrocinnamoyl groups used in oligonucleotide synthesis. Indian J Biochem Biophys 13(4):350–1, Dec 76
*CHYMOTRYPSIN/ *CINNAMATES/ ESTERS/ HYDROLYSIS/ *OLIGONUCLEOTIDES, chemical synthesis

8533. **Singh DS, Dube B, Gupta JP:** Haemostasis in hepatic disorders. J Assoc Physicians India 24(1):13–8, Jan 76
*BLOOD COAGULATION DISORDERS, complications/ *BLOOD COAGULATION FACTORS, analysis/ *HEPATITIS, VIRAL, HUMAN, complications/ HUMAN/ *LIVER CIRRHOSIS, complications

8534. **Singh H, Spritz N:** Protein kinases associated with peripheral nerve myelin. 1. Phosphorylation of endogenous myelin proteins and exogenous substrates.
Biochim Biophys Acta 448(2):325–37, 5 Oct 76
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL/ CASEIN, metabolism/ CATTLE/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ HISTONE KINASE, metabolism/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, pharmacodynamics/ MALE/ MOLECULAR WEIGHT/ MUSCLES, enzymology/ *MYELIN SHEATH, enzymology/ MYOCARDIUM, enzymology/ PHOSVITIN, metabolism/ POTASSIUM CHLORIDE, pharmacodynamics/ PROTAMINES, metabolism/ PROTEIN KINASE, antagonists & inhibitors/ *PROTEIN KINASE, metabolism/ RABBITS/ RATS/ *SCIATIC NERVE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8535. **Singh J, Sidhu BS, Kanta S:** Hemangioendothelioma of the mandible: report of case. J Oral Surg 35(8):673–4, Aug 77
CASE REPORT/ CHILD/ ENDOTHELIUM, pathology/ FEMALE/ *HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ *MANDIBULAR NEOPLASMS, pathology

8536. **Singh L, Goel KV:** A study of some genetic markers in the Bahawalpuris of Patiala, India.
Acta Genet Med Gemellol (Roma) 24(3–4):339–41, 1975
ABO BLOOD-GROUP SYSTEM/ FACTOR IX/ FEMALE/ GENE FREQUENCY/ *GENES/ HUMAN/ IGA, SECRETORY/ INDIA/ MALE/ RH-HR BLOOD-GROUP SYSTEM/ TASTE

8537. **Singh RB:** Profile of cerebrovascular accidents in the young [letter]. J Assoc Physicians India 24(4):267–8, Apr 76
AGE FACTORS/ CASE REPORT/ *CEREBRAL HEMORRHAGE, etiology/ CHILD, PRESCHOOL/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC, complications

8538. **Singh RP, Setlow B, Setlow P:** Levels of small molecules and enzymes in the mother cell compartment and the forespore of sporulating Bacillus megaterium.
J Bacteriol 130(3):1130–8, Jun 77
ADENINE NUCLEOTIDES, analysis/ ADENOSINE TRIPHOSPHATE, analysis/ AMINO ACIDS, metabolism/ *BACILLUS MEGATERIUM, analysis/ BACILLUS MEGATERIUM, enzymology/ BACILLUS MEGATERIUM, metabolism/ BACTERIAL PROTEINS, analysis/ DNA, BACTERIAL, analysis/ GLYCEROPHOSPHATES, metabolism/ KREBS CYCLE/ NAD, analysis/ PEPTIDE HYDROLASES, metabolism/ PICOLINIC ACIDS, metabolism/ RNA, BACTERIAL, analysis/ SPORES, BACTERIAL, analysis/ SPORES, BACTERIAL, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8539. **Sinha AK, Colman RW:** Use of affinity elution chromatography for the microassay of adenosine 3':5'-monophosphate. Eur J Biochem 73(2):367–71, Mar 1 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BINDING, COMPETITIVE/ BLOOD PLATELETS, analysis/ CHROMATOGRAPHY, AFFINITY, methods/ ENZYME ACTIVATION/ HUMAN/ KINETICS/ LYMPHOCYTES, analysis/ MICROCHEMISTRY/ PROTEIN KINASE, metabolism/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ 3',5'-CYCLIC AMP PHOSPHODIESTERASE

8540. **Sinha AK, Shattil SJ, Colman RW:** Cyclic AMP metabolism in cholesterol-rich platelets. J Biol Chem 252(10):3310–4, 25 May 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ *ADENYL CYCLASE, blood/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ *CHOLESTEROL, blood/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ FLUORIDES, pharmacodynamics/ HUMAN/ KINETICS/ MEMBRANE LIPIDS, blood/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, blood

8541. **Sinha M:** Trypsin activity in the midgut of Sarcophaga reficornis and Musca domestica (Diptera: Insecta).
Experientia 32(10):1289–90, 15 Oct 76
ANIMAL/ *DIPTERA, enzymology/ FEMALE/ HYDROGEN-ION CONCENTRATION/ *INTESTINES, enzymology/ KINETICS/ LARVA/ MALE/ SEX FACTORS/ TEMPERATURE/ TRYPSIN, metabolism

8542. **Sipe JD, McAdam KP, Torain BF, et al:** Conformational flexibility of the serum amyloid precursor SAA.
Br J Exp Pathol 57(5):582–92, Oct 76
*AMYLOID, blood/ AMYLOIDOSIS, blood/ BLOOD PRESERVATION/ *BLOOD PROTEINS/ CROSS REACTIONS/ HUMAN/ MOLECULAR WEIGHT/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ PROTEIN PRECURSORS/ TEMPERATURE/ TIME FACTORS

8543. **Sipka S, Boldogh I, Szilágyi T:** Macrophage disappearance reaction induced by lymphokines. Acta Allergol (Kbh) 32(1):3–7, Feb 77
ANIMAL/ ELLAGIC ACID, pharmacodynamics/ FEMALE/ GUINEA PIGS/ *LYMPHOKINES, pharmacodynamics/ *MACROPHAGES, immunology/ MALE/ THROMBOPLASTIN, pharmacodynamics

8544. **Sipka S, Szilágyi T:** Effects of lymphokines on fibrinolysis and kinin generation in human plasma.
Acta Allergol (Kbh) 32(2):139–44, Apr 77
ANIMAL/ CONCANAVALIN A, pharmacodynamics/ FEMALE/ *FIBRINOLYSIS, drug effects/ GUINEA PIGS/ HUMAN/ *KININS, blood/ LYMPHOCYTE TRANSFORMATION, drug effects/ *LYMPHOKINES, pharmacodynamics/ MALE/ MIGRATION INHIBITORY FACTOR, pharmacodynamics

8545. **Sipka S, Pádár E, Szilágyi T:** The effect of colloidal gold on blood coagulation. Haematologia (Budap) 10(3–4):361–3, 1976
ANIMAL/ *BLOOD COAGULATION, drug effects/ COLLOIDS/ FACTOR VIII/ FIBRINOLYTIC AGENTS/ *GOLD,

pharmacodynamics/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3/ RABBITS

8546. **Sirotin BZ, Sirotina ZV, Bandurko LP, et al:** Disseminirovannoe vnutrisosudistoe svertyvanie i mikrotsirkuliatsiia u bol'nykh gemorragicheskoi likhoradkoi s pochechnym sindromom. Klin Med (Mosk) 55(5):107–11, May 77 (Eng. Abstr.) **(Rus)**
*DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ ENGLISH ABSTRACT/ HEMORRHAGIC FEVER, EPIDEMIC, blood/ *HEMORRHAGIC FEVER, EPIDEMIC, physiopathology/ HUMAN/ *MICROCIRCULATION

8547. **Sissons HA:** The WHO classification of bone tumors. Recent Results Cancer Res (54):104–8, 1976
*BONE NEOPLASMS, classification/ BONE NEOPLASMS, pathology/ CHONDROSARCOMA, classification/ EPIDEMIOLOGIC METHODS/ HEMANGIOMA, classification/ HUMAN/ MESENCHYMOMA, classification/ NOMENCLATURE/ OSTEOMA, OSTEOID, classification/ SARCOMA, OSTEOGENIC, classification/ WORLD HEALTH ORGANIZATION

8548. **Sitintskaia IG, Bagdasarova IV:** Gemolitiko-uremicheskii sindrom u detei. Vopr Okhr Materin Det 22(6):75–6, Jun 77 **(Rus)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ *HEMOLYTIC-UREMIC SYNDROME/ HEMOLYTIC-UREMIC SYNDROME, blood/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ MALE

8549. **Sitprija V, Vongsthongsri M, Poshyachinda V, et al:** Renal failure in malaria: a pathophysiologic study. Nephron 18(5):277–87, 1977
ADULT/ BILIRUBIN, blood/ BLOOD UREA NITROGEN/ BLOOD VISCOSITY/ BLOOD VOLUME/ CREATININE, blood/ FEMALE/ HEMATOCRIT/ HEMOGLOBINS, metabolism/ HUMAN/ *KIDNEY FAILURE, ACUTE, physiopathology/ KIDNEY FAILURE, ACUTE, etiology/ KIDNEY, blood supply/ MALARIA, complications/ *MALARIA, physiopathology/ MALE/ MIDDLE AGE/ REGIONAL BLOOD FLOW/ RENIN, blood

8550. **Six P, Schuppler J, Schärer HU, et al:** Mykotisches Hirnaneurysma bei Staphylokokken-Endokarditis Praxis 66(11):326–39, 15 Mar 77 (Eng. Abstr.) **(Ger)**
ADULT/ *ANEURYSM, MYCOTIC, etiology/ CASE REPORT/ CEREBRAL ARTERIES/ *ENDOCARDITIS, BACTERIAL, complications/ ENDOCARDITIS, BACTERIAL, diagnosis/ ENDOCARDITIS, BACTERIAL, pathology/ ENGLISH ABSTRACT/ EPILEPSY, etiology/ GENTAMICIN, therapeutic use/ HUMAN/ MALE/ PENICILLINS, therapeutic use/ RETINAL HEMORRHAGE, etiology/ SHOCK, SEPTIC, etiology/ *STAPHYLOCOCCAL INFECTIONS, complications/ STAPHYLOCOCCAL INFECTIONS, drug therapy/ SUBARACHNOID HEMORRHAGE, etiology/ THROMBOPENIA, etiology

8551. **Sixma JJ, Wester J:** The hemostatic plug. Semin Hematol 14(3):265–99, Jul 77 (279 ref.)
ADENOSINE DIPHOSPHATE, metabolism/ ALDRICH SYNDROME, blood/ ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ COLLAGEN, metabolism/ EMBOLISM, blood/ *HEMOSTASIS/ HEMOSTASIS, drug effects/ HUMAN/ MYELOPROLIFERATIVE DISORDERS, blood/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ REVIEW/ SKIN, injuries/ THROMBIN, biosynthesis/ THROMBOSIS, blood/ UREMIA, blood/ VON WILLEBRAND'S DISEASE, blood

8552. **Sjodahl J:** Repetitive sequences in protein A from Staphylococcus aureus. Arrangement of five regions within the protein, four being highly homologous and Fc-binding. Eur J Biochem 73(2):343–51, Mar 1 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BACTERIAL PROTEINS/ BACTERIAL PROTEINS, immunology/ BACTERIAL PROTEINS, isolation & purification/ BINDING SITES, ANTIBODY/ CIRCULAR DICHROISM/ ERYTHROCYTES, immunology/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ IMMUNOGLOBULINS, FC/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SHEEP, immunology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *STAPHYLOCOCCUS AUREUS, analysis/ TRYPSIN

8553. **Skarżyńska M:** Problemy leczenia przeciwzakrzepowego u chorych ze sztucznymi zastawkami serca Kardiol Pol 19(3):259–64, 1976 **(Pol)**
*ANTICOAGULANTS, therapeutic use/ *HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ *THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, etiology

8554. **Skehan P, Friedman SJ:** On the reinitiation of cell growth in culture. Exp Cell Res 101(2):315–22, Sep 76
CELL ADHESION/ *CELL DIVISION/ CELL LINE/ *CONTACT INHIBITION/ CULTURE MEDIA/ EDTA/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8555. **Skelton GS, Országh J, Gregoire J, et al:** Rapid assay of proteinase activity in papain by measuring the increase in opalescence of a casein solution during hydrolysis. Analyst 101(1209):992–5, Dec 76
CASEIN/ HYDROLYSIS/ *PAPAIN, analysis/ *PEPTIDE HYDROLASES, analysis/ SOLUTIONS/ SPECTROPHOTOMETRY, methods

8556. **Sketch MH, Mohiuddin SM:** Care of the patient with cardiovascular disease undergoing general surgery. Geriatrics 32(5):61–4, May 77
AGE FACTORS/ AGED/ ANEMIA, therapy/ ANGINA PECTORIS, therapy/ HEART BLOCK, therapy/ *HEART DISEASES/ HEART DISEASES, therapy/ HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ *HYPERTENSION/ HYPERTENSION, drug therapy/ INTENSIVE CARE UNITS/ MIDDLE AGE/ PACEMAKER, ARTIFICIAL/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE/ PULMONARY EDEMA, prevention & control/ PULMONARY EMBOLISM, prevention & control/ SHOCK, CARDIOGENIC, therapy/ *SURGERY, OPERATIVE

8557. **Skinnider LF, Card RT, Padmanabh S:** Chronic myelomonocytic leukemia: an ultrastructural study by transmission and scanning electron microscopy. Am J Clin Pathol 67(4):339–46, Apr 77
AGED/ BONE MARROW CELLS, ultrastructure/ CASE REPORT/ CELL TRANSFORMATION, NEOPLASTIC/ HUMAN/ *LEUKEMIA, MYELOCYTIC, blood/ LEUKEMIA, MYELOCYTIC, diagnosis/ LEUKEMIA, MYELOCYTIC, pathology/ MALE/ MICROSCOPY, ELECTRON, SCANNING/ MIDDLE AGE/ THROMBOPENIA, complications

8558. **Skipetrov VP, Sokratov NV:** Znachenie tkanevykh gemokoaguliruiushchikh enzimov v patogeneze vnutrisosudistogo svertyvaniia v pochkakh pri diffuznom glomerulonefrite Vrach Delo (5):62–6, 1976 **(Rus)**
*DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *FACTOR XIII/ GLOMERULONEPHRITIS, blood/ *GLOMERULONEPHRITIS, enzymology/ HUMAN/ *KIDNEY, blood supply

8559. **Skipetrov VP, Potapkina NA, Chernyshev VA:** Gemokoaguliatsionnye svoistva slizistoi obolochki zheludochno-kishechnogo trakta Klin Khir (5):44–7, May

76 (Rus)
*BLOOD COAGULATION FACTORS, physiology/ *GASTRIC MUCOSA, physiology/ HUMAN/ *INTESTINAL MUCOSA, physiology

8560. **Skipetrov VP, Viakina IG, Kargaeva VG:** Gemokoaguliruiushchie i fibrinoliticheskie svoĭstva zhelchnogo puzyria Vrach Delo (9):97–9, Sep 76 (Rus)
*BLOOD COAGULATION/ *FIBRINOLYSIS/ *GALLBLADDER/ HUMAN/ THROMBOPLASTIN, analysis/ TISSUE EXTRACTS, analysis

8561. **Skipetrov VP:** Gemokoaguliruishchie svoĭstva endokrinnykh zhelez Vrach Delo (12):44–6, Dec 76 (Rus)
*BLOOD COAGULATION/ *ENDOCRINE GLANDS, physiology/ HUMAN

8562. **Skipetrov VP, Sokratov NV:** Vliianie pochek na svertyvanie krovi i fibrinoliz. Fiziol Zh SSSR 63(5):752–5, May 77 (Rus)
ANIMAL/ AORTA/ *BLOOD COAGULATION/ CATS/ FIBRINOLYSIS/ *KIDNEY, physiology/ RENAL VEINS/ VENA CAVA, INFERIOR

8563. **Skipskiĭ IM:** Trombotdity krovi u bol'nykh s tiazhelym techeniem pnevmonii Ter Arkh 40(2):39–42, 1976 (Eng. Abstr.) (Rus)
BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, pathology/ ENGLISH ABSTRACT/ HUMAN/ *PNEUMONIA, blood/ PNEUMONIA, complications/ THROMBOPENIA, etiology

8564. **Skipskiĭ IM:** Nekotorye pokazaniia k geparinoterapii pri pnevmoniiakh Ter Arkh 49(3):125–6, 1977 (Rus)
*HEPARIN, therapeutic use/ HUMAN/ PNEUMONIA, complications/ *PNEUMONIA, drug therapy/ *PULMONARY EMBOLISM, prevention & control

8565. **Skosey JL, Kozin F, Ginsberg M:** Protein adsorption to monosodium urate crystals: differential responses of human peripheral blood neutrophils.
Adv Exp Med Biol 76B:209–13, 1977
CELL SURVIVAL, drug effects/ CRYSTALLIZATION/ CYTOCHALASIN B, pharmacodynamics/ FIBRINOGEN, metabolism/ GLUCURONIDASE, metabolism/ HUMAN/ IGG, metabolism/ IMMUNOGLOBULINS, metabolism/ LACTATE DEHYDROGENASE, metabolism/ *NEUTROPHILS, drug effects/ NEUTROPHILS, enzymology/ PHAGOCYTOSIS, drug effects/ *PROTEIN BINDING/ SERUM ALBUMIN, metabolism/ *URIC ACID, metabolism/ URIC ACID, pharmacodynamics

8566. **Skoskiewicz MJ:** Role of pulmonary transplantation in patients with acute respiratory failure. pp. 483–8. In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (17 ref.)
ACUTE DISEASE/ ANIMAL/ ANTICOAGULANTS, therapeutic use/ BLOOD PLATELET DISORDERS, prevention & control/ HUMAN/ IMMUNOSUPPRESSION/ *LUNG, transplantation/ MONOGRAPH/ OXYGENATORS, MEMBRANE/ POSTOPERATIVE COMPLICATIONS/ *RESPIRATORY INSUFFICIENCY, surgery/ REVIEW/ TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS

8567. **Skrabut EM, Crowley JP, Catsimpoolas N, et al:** The effect of cryogenic storage on human erythrocyte membrane proteins as determined by polyacrylamide-gel electrophoresis. Cryobiology 13(4):395–403, Aug 76
*BLOOD PRESERVATION/ *BLOOD PROTEINS/ CELL MEMBRANE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ERYTHROCYTES/ FREEZING/ HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8568. **Skrbic TR, Nievel JG, Anderson J:** Studies on the relationship between induction of drug-metabolizing enzymes, liver enlargement and ascorbic acid excretion in rodents. Biochem Soc Trans 4(3):511, 1976
ANIMAL/ *ASCORBIC ACID, urine/ AZAURACIL, pharmacodynamics/ AZAURIDINE, pharmacodynamics/ BUTYLATED HYDROXYTOLUENE, pharmacodynamics/ COUMARINS, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ ENZYME INDUCTION/ FEMALE/ GLUCURONATES, metabolism/ *HEPATOMEGALY, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ OROTIC ACID, metabolism/ PHENOBARBITAL, pharmacodynamics/ PROADIFEN, pharmacodynamics/ RATS/ TRANSCRIPTION, GENETIC, drug effects/ URACIL NUCLEOTIDES, metabolism

8569. **Skripnichenko DF, Podoprigora AP:** Khirurgicheskoe lechenie varikoznogo rasshireniia poverkhnostnykh ven nizhnikh konechnostei, oslozhnennogo troficheskimi iazvami i tromboflebitom Klin Khir (7):34–7, Jul 76 (Rus)
ADOLESCENCE/ ADULT/ CASE REPORT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PREOPERATIVE CARE/ *THROMBOPHLEBITIS, surgery/ *VARICOSE ULCER, surgery/ *VARICOSE VEINS, surgery

8570. **Skripnichenko DF, Podoprigora AP:** Sostoianie svertyvaiushchei sistemy krovi u bol'nykh varikoznym rasshireniem poverkhnostnykh ven nizhnikh konechnostei Klin Khir (5):50–4, May 77 (Eng. Abstr.) *(Rus)
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ HUMAN/ *VARICOSE VEINS, blood

8571. **Skrzydlewski Z, Worowski K:** Low density lipoprotein (LDL) complexes with protamine.
Bull Acad Pol Sci [Biol] 24(4):201–3, Jun 76
ATHEROSCLEROSIS, metabolism/ HUMAN/ *LIPOPROTEINS, LDL, metabolism/ *PROTAMINES, metabolism/ SOLUBILITY

8572. **Skude G, Ihse I:** Isoamylases in pancreatic carcinoma and chronic relapsing pancreatitis. Scand J Gastroenterol 12(1):53–7, 77
ACUTE DISEASE/ CHRONIC DISEASE/ DUODENUM, enzymology/ *GLYCOSIDE HYDROLASES, blood/ HUMAN/ *ISOAMYLASE, blood/ PANCREATIC NEOPLASMS, diagnosis/ *PANCREATIC NEOPLASMS, enzymology/ PANCREATITIS, diagnosis/ *PANCREATITIS, enzymology/ RECURRENCE/ SALIVA, enzymology/ TRYPSIN, blood

8573. **Skutelsky E, Lotan R, Sharon N, et al:** Distribution of the T-antigen on erythroid cell surfaces. Studies with peanut agglutinin, an anti-T specific lectin.
Biochim Biophys Acta 467(2):165–74, 2 Jun 77
AGGLUTINATION TESTS/ BONE MARROW CELLS, immunology/ CELL NUCLEUS, immunology/ ERYTHROCYTE AGING/ immunology/ *ERYTHROCYTE MEMBRANE, immunology/ ERYTHROCYTE MEMBRANE, ultrastructure/ *ERYTHROCYTES, immunology/ FERRITIN, metabolism/ GUINEA PIGS/ HUMAN/ NEURAMINIDASE/ PEANUTS/ *PLANT AGGLUTININS/ PROTEIN BINDING/ RABBITS/ RETICULOCYTES, immunology/ TRYPSIN

8574. **Skvarko SI, Rudova AI, Borovik GA:** Ob opredelenii amilo-, lipo- i obshchei proteoliticheskoi aktivnosti kala u detei grudnogo vozrasta. Lab Delo (6):371, Jun 77 (Rus)
*AMYLASE, analysis/ CHEMISTRY, CLINICAL, methods/ *FECES, enzymology/ HUMAN/ INFANT/ *LIPASE, analysis/ *PEPTIDE HYDROLASES, analysis

8575. **Slade CL, Andes WA, Mason AD Jr:** Platelet aggregation following defibrination with ancrod.
Thromb Haemostas 36(2):424–9, 30 Nov 76
ANIMAL/ *ARVIN, pharmacodynamics/ DOGS/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ IN VITRO/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ *PLATELET AGGREGATION, drug effects

8576. **Slany J, Bodner P, Kronik G, et al:** Risikoarme transfemorale selektive Koronarangiographie durch Verwendung von Heparin und von Sones-Kathetern
Wien Klin Wochenschr 89(3):77–80, 4 Feb 77 (Eng. Abstr.) (Ger)
ADULT/ AGED/ *ANGIOCARDIOGRAPHY,

methods/ AORTIC VALVE STENOSIS, diagnosis/ AORTOCORONARY BYPASS/ *CORONARY VESSELS/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL ARTERY/ HEART CATHETERIZATION, instrumentation/ *HEPARIN, administration & dosage/ HUMAN/ MALE/ MIDDLE AGE

8577. **Slattery JT, Levy G:** Effect of ibuprofen on protein binding of warfarin in human serum. J Pharm Sci 66(7):1060, Jul 77

BINDING SITES, drug effects/ BLOOD PROTEINS, metabolism/ HUMAN/ *IBUPROFEN, pharmacodynamics/ *PHENYLPROPIONATES, pharmacodynamics/ PROTEIN BINDING, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, blood

8578. **Slattery JT, Yacobi A, Levy G:** Comparative pharmacokinetics of coumarin anticoagulants XXV: Warfarin-ibuprofen interaction in rats. J Pharm Sci 66(7):943–7, Jul 77

ANIMAL/ BLOOD COAGULATION, drug effects/ BLOOD PROTEINS, metabolism/ COMPARATIVE STUDY/ HALF-LIFE/ *IBUPROFEN, pharmacodynamics/ KINETICS/ MALE/ METABOLIC CLEARANCE RATE, drug effects/ *PHENYLPROPIONATES, pharmacodynamics/ PROTEIN BINDING, drug effects/ RATS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, blood/ *WARFARIN, metabolism

8579. **Slayter HS:** High-resolution metal replication of macromolecules. Ultramicroscopy 1(4):341–57, Sep–Oct 76

BACTERIA, ultrastructure/ CRYSTALLOGRAPHY/ FIBRINOGEN/ *MACROMOLECULAR SYSTEMS/ *MICROSCOPY, ELECTRON, methods/ MYOSIN/ PLATINUM/ POLYRIBOSOMES, ultrastructure/ *STAINS AND STAINING/ TUNGSTEN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8580. **Slebe JC, Martinez-Carrion M:** Carbamylation of aspartate transaminase and the pK value of the active site lysyl residue. J Biol Chem 251(18):5663–9, 25 Sep 76

AMINO ACIDS, analysis/ ANIMAL/ APOENZYMES, metabolism/ *ASPARTATE AMINOTRANSFERASE/ ASPARTATE AMINOTRANSFERASE, metabolism/ BINDING SITES/ CYANATES, pharmacodynamics/ CYTOPLASM, enzymology/ KINETICS/ LYSINE, analysis/ MYOCARDIUM, enzymology/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SWINE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8581. **Sleeckx JP, Shea JJ, Peremans JM:** The mast cells of the inner ear. Acta Otorhinolaryngol Belg 30(5):443–9, 1976

ANIMAL/ CONNECTIVE TISSUE CELLS/ GUINEA PIGS/ HEPARIN, analysis/ HISTAMINE, analysis/ HUMAN/ *LABYRINTH, cytology/ *MAST CELLS/ MAST CELLS, analysis/ SEROTONIN, analysis

8582. **Slepykh AS, Repina MA:** Patogenez gemorragicheskogo shoka Akush Ginekol (Mosk) (8):5–8, Aug 76 (36 ref.) **(Rus)**

BLOOD VOLUME/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ FEMALE/ HEMODYNAMICS/ HUMAN/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, physiopathology/ PREGNANCY/ RESUSCITATION/ REVIEW/ *SHOCK, HEMORRHAGIC, etiology/ SHOCK, HEMORRHAGIC, physiopathology/ SHOCK, HEMORRHAGIC, therapy/ VASOMOTOR SYSTEM, physiopathology

8583. **Slezak H, Bettelheim H, Braun F, et al:** Fibrinklebung (Orientierende Tierversuche) Klin Monatsbl Augenheilkd 170(3):450–3, Mar 77 (Eng. Abstr.) **(Ger)**

ANIMAL/ DOGS/ ENGLISH ABSTRACT/ EYE INJURIES, surgery/ *EYE, surgery/ FACTOR XIII/ *FIBRIN/ FIBRINOGEN/ RABBITS/ THROMBIN/ *TISSUE ADHESIVES

8584. **Sliberbauer KF, Sinzinger H, Haselberger K, et al:** Zum physikalischen und funktionellen Verhalten der Thrombozyten bei primären und sekundären Hyperlipoproteinämien Vasa 6(2):148–53, 1977 (Eng. Abstr.) **(Ger)**

ADULT/ AGED/ *BLOOD PLATELETS, physiology/ CHYLOMICRONS, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERLIPEMIA, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ MIDDLE AGE/ TRIGLYCERIDES, blood

8585. **Slichter SJ, Harker LA:** Preparation and storage of platelet concentrates. II. Storage variables influencing platelet viability and function. Br J Haematol 34(3):403–19, Nov 76

ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, microbiology/ *BLOOD PRESERVATION, methods/ BLOOD SPECIMEN COLLECTION/ BLOOD SUGAR, metabolism/ BLOOD TRANSFUSION/ CELL SURVIVAL/ CENTRIFUGATION/ CITRATES, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PHOSPHATES, blood/ TEMPERATURE/ THROMBOPENIA, therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8586. **Slichter SJ, Harker LA:** Preparation and storage of platelet concentrates. I. Factors influencing the harvest of viable platelets from whole blood. Br J Haematol 34(3):395–402, Nov 76

BLOOD BANKS, standards/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ *BLOOD PRESERVATION/ CELL SEPARATION/ CELL SURVIVAL/ CENTRIFUGATION/ HUMAN/ SOCIETIES, MEDICAL/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES

8587. **Slichter SJ, Counts RB, Henderson R, et al:** Preparation of cryoprecipitated factor VIII concentrates. Transfusion 16(6):616–26, Nov–Dec 76

BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ CITRATES, pharmacodynamics/ *COLD/ FACTOR VIII, analysis/ FACTOR VIII, immunology/ *FACTOR VIII, isolation & purification/ FREEZING/ GLUCOSE, pharmacodynamics/ HUMAN/ PHOSPHATES, pharmacodynamics/ PLASTICS/ PRECIPITATION/ SOLVENTS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8588. **Sloane CE, Baek SM, Beck AR:** Solitary neonatal hepatic hemangioendothelioma: case report and discussion Mt Sinai J Med NY 44(2):234–40, Mar–Apr 77

CASE REPORT/ FEMALE/ *HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOENDOTHELIOMA, pathology/ HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, diagnosis/ INFANT, NEWBORN, DISEASES, pathology/ INFANT, NEWBORN, DISEASES, surgery/ *LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, pathology/ LIVER NEOPLASMS, surgery

8589. **Slobin LI:** The inhibition of elongation factor 1 activity by heparin. Biochem Biophys Res Commun 73(3):539–47, 6 Dec 76

AMINO ACID ACTIVATION, drug effects/ ANIMAL/ BINDING SITES/ CHROMATOGRAPHY, AFFINITY/ EMBRYO, NON-MAMMALIAN/ GUANOSINE TRIPHOSPHATE, metabolism/ *HEPARIN, pharmacodynamics/ KINETICS/ *PEPTIDE CHAIN ELONGATION, drug effects/ *PEPTIDE ELONGATION FACTORS/ PHENYLALANINE/ RIBOSOMES, drug effects/ RIBOSOMES, metabolism/ RNA, TRANSFER, metabolism/ SHRIMP, drug effects/ *SHRIMP, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8590. **Slotki IN, MacIver JE, Mallick NP, et al:** Acute

intravascular hemolysis with minimal renal impairment in Clostridium perfringens infection. Clin Nephrol 6(4):451–2, Oct 76
ABORTION, INCOMPLETE, complications/ ACUTE DISEASE/ ADULT/ BLOOD CELL COUNT/ CASE REPORT/ CLOSTRIDIUM INFECTIONS, blood/ CLOSTRIDIUM INFECTIONS, drug therapy/ *CLOSTRIDIUM INFECTIONS, urine/ CLOSTRIDIUM PERFRINGENS/ DISSEMINATED INTRAVASCULAR COAGULATION, urine/ FEMALE/ HEMOGLOBINOMETRY/ HEMOGLOBINURIA, BACILLARY, drug therapy/ *HEMOGLOBINURIA, BACILLARY, urine/ HEMOLYSIS/ HUMAN/ *KIDNEY FUNCTION TESTS/ PENICILLIN G, therapeutic use

8591. **Slots JM, van Miert AS, Akkerman JW, et al:** Trypanosoma brucei and Trypanosoma vivax: antigen–antibody complexes as a cause of platelet serotonin release in vitro and in vivo. Exp Parasitol 43(1):211–9, Oct 77
ANIMAL/ *ANTIGEN–ANTIBODY COMPLEX/ ANTIGENS/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ CELL AGGREGATION/ CELLS, CULTURED/ FEMALE/ FEVER, immunology/ GOATS/ MALE/ RABBITS/ SEROTONIN, blood/ *SEROTONIN, metabolism/ *TRYPANOSOMA BRUCEI, immunology/ *TRYPANOSOMA, immunology

8592. **Sloviter HA:** Physiological and metabolic aspects of freezing erythrocytes, with historical notes. Prog Clin Biol Res 11:33–45, 1976 (21 ref.)
ANIMAL/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ ERYTHROCYTE AGING/ ERYTHROCYTES, metabolism/ *ERYTHROCYTES, physiology/ FREEZING/ HEMOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOTOPE LABELING, methods/ MOLECULAR WEIGHT/ PHOSPHATES, blood/ PRESSURE/ RABBITS/ REVIEW/ TEMPERATURE

8593. **Slunsky R:** Uber histologische Veränderungen in ligierten Stümpfen der Arteria und Vena ovarica Geburtshilfe Frauenheilkd 36(8):677–82, Aug 76 (Eng. Abstr.) **(Ger)**
ADULT/ BLOOD COAGULATION/ *BLOOD VESSELS, pathology/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN/ GYNECOLOGIC NEOPLASMS, surgery/ *HEMOSTASIS/ HUMAN/ HYSTERECTOMY/ LIGATION/ MIDDLE AGE/ *OVARY, blood supply/ PLATELET AGGREGATION

8594. **Smalley RV, Vogel J, Huguley CM Jr, et al:** Chronic granulocytic leukemia: cytogenetic conversion of the bone marrow with cycle-specific chemotherapy. Blood 50(1):107–13, Jul 77
BLOOD CELL COUNT/ BLOOD PLATELETS/ *BONE MARROW CELLS, drug effects/ CHROMOSOMES, HUMAN, 21–22/ *CYTARABINE, therapeutic use/ GRANULOCYTES/ HUMAN/ LEUKEMIA, MYELOCYTIC, drug therapy/ *LEUKEMIA, MYELOCYTIC, familial & genetic/ LEUKOCYTE COUNT/ *THIOGUANINE, therapeutic use/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H

8595. **Smidt KP:** Splenic scintigraphy: a large congenital fissure mimicking splenic hematoma. Radiology 122(1):169, Jan 77
ADOLESCENCE/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *HEMATOMA, diagnosis/ HUMAN/ MALE/ *RADIONUCLIDE IMAGING/ *SPLEEN, abnormalities/ *SPLENIC DISEASES, diagnosis

8596. **Smiley WH, Gilbert CA, Symbas PN:** Bleeding, clotting, and functional disability following Beall prosthetic mitral valve replacement. South Med J 70(7):801–5, Jul 77
ADULT/ AGED/ EXERCISE TEST/ FEMALE/ GEORGIA/ *HEART VALVE PROSTHESIS/ *HEMORRHAGE, etiology/ HEMORRHAGE, mortality/ HEMORRHAGE, prevention & control/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE, physiopathology/ *MITRAL VALVE, surgery/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, mortality/ THROMBOEMBOLISM, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WARFARIN, therapeutic use

8597. **Smiljanic B, Hrastovic Z, Marinic S:** Operativni postupak u liječenju pertrohanternih prijeloma Acta Chir Iugosl 24(1 Suppl):513–7, 1977 (Eng. Abstr.) **(Scr)**
ADULT/ AGED/ BONE NAILS/ BONE PLATES/ BONE SCREWS/ ENGLISH ABSTRACT/ *FEMORAL FRACTURES, surgery/ *FRACTURE FIXATION, INTERNAL, adverse effects/ FRACTURE FIXATION, INTERNAL, methods/ HUMAN/ MIDDLE AGE/ PNEUMONIA, etiology/ PULMONARY EMBOLISM, etiology

8598. **Smilov I, Mitev L, Andreev Zh:** Ostra chernodrobna nedostatuchnost vsledstvie na diseminirano intravazalno susirvane po vreme na bremennost Akush Ginekol (Sofiia) 15(6):410–5, 1976 (Eng. Abstr.) **(Bul)**
ACUTE DISEASE/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LIVER DISEASES, etiology/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY

8599. **Smirnoff P, Khalef S, Birk Y, et al:** A trypsin and chymotrypsin inhibitor from chick peas (Cicer arietinum). Biochem J 157(3):745–51, 1 Sep 76
AMINO ACIDS, analysis/ BINDING SITES/ CARBOXYPEPTIDASES/ *CHYMOTRYPSIN, antagonists & inhibitors/ CYANOGEN BROMIDE/ PEPSIN/ *SEEDS, analysis/ TRYPSIN INHIBITORS, analysis/ *TRYPSIN INHIBITORS, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8600. **Smirnov AA:** Gemokoaguliatsiia i elektrolity krovi pri obturatsionnoĭ zheltukhe Vestn Khir 116(6):46–8, Jun 76 (Eng. Abstr.) **(Rus)**
BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ HUMAN/ *JAUNDICE, OBSTRUCTIVE, blood/ POTASSIUM DEFICIENCY, etiology/ *POTASSIUM, blood/ *SODIUM, blood

8601. **Smirnov AN:** Krovoostanavlivaiushchie sredstva. Feldsher Akush 42(5):38–42, May 77 **(Rus)**
*HEMOSTATICS

8602. **Smirnov EA:** Ostraia pochechnaia nedostatochnost' pri tromboze pochechnykh arteriĭ Klin Med (Mosk) 54(4):142–3, Apr 76 **(Rus)**
AGED/ CASE REPORT/ FEMALE/ HUMAN/ *KIDNEY FAILURE, ACUTE, etiology/ *RENAL ARTERY/ *THROMBOSIS, complications

8603. **Smirnov KV, Goland LG, Medkova IL:** Funktsional'noe sostoianie gepato-pankreaticheskoĭ sistemy pri vozdeĭstvii malykh po velichine poperechno-napravlennykh ushorenii Kosm Biol Aviakosm Med 10(3):86–8, May–Jun 76 **(Rus)**
*ACCELERATION/ AMYLASE, metabolism/ ANIMAL/ BILE, secretion/ LIPASE, metabolism/ *LIVER, secretion/ MALE/ PANCREAS, enzymology/ PANCREAS, secretion/ RATS/ TRYPSIN, blood

8604. **Smirnova VK, Sirina LK:** Izmenenie kontsentratsii svobodnogo i sviazannogo serotonina krovi u bol'nykh s meningokokkovoĭ infektsieĭ Sov Med (5):17–20, 1976 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD PLATELETS, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *MENINGOCOCCAL INFECTIONS, blood/ MIDDLE AGE/ *SEROTONIN, blood

8605. **Smit GL, Hattingh J, Schoonbee HJ:** Observations on some effects of disodium ethylenediamine tetra-acetate and heparin on fish blood. Comp Biochem Physiol [C] 57(1):35–8, 1977

ANIMAL/ CARBON DIOXIDE, blood/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *EDTA, pharmacodynamics/ *FISHES, blood/ *HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ OXYGEN, blood/ PARTIAL PRESSURE

8606. **Smith AP, Loh HH:** The sub-cellular localization of stereo-specific opiate binding in mouse brain. Res Commun Chem Pathol Pharmacol 15(2):205-19, Oct 76
ANIMAL/ *BRAIN, metabolism/ BRAIN, ultrastructure/ HYDROLYSIS/ IN VITRO/ MICE/ MICE, INBRED ICR/ *NARCOTICS, metabolism/ STEREOISOMERS/ *SUBCELLULAR FRACTIONS, metabolism/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8607. **Smith AP:** The effect of pH on stereospecific opiate binding to mouse brain membranes. Res Commun Chem Pathol Pharmacol 17(3):375-98, Jul 77
ANIMAL/ BINDING SITES/ *BRAIN, metabolism/ BRAIN, ultrastructure/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ MEMBRANES, drug effects/ MEMBRANES, metabolism/ MICE/ MITOCHONDRIA, drug effects/ MITOCHONDRIA, metabolism/ MOLECULAR CONFORMATION/ *MORPHINANS, metabolism/ NALOXONE, metabolism/ STEREOISOMERS/ SUCCINATES, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8608. **Smith D, Damus PS:** Effect of thrombin and ADP on a membrane bound cyclic AMP dependent kinase of human platelets. Studies on normal platelets and those from patients with Von Willebrand's disease. Thromb Res 10(2):301-8, Feb 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ *CELL MEMBRANE, enzymology/ HUMAN/ *PHOSPHOTRANSFERASES, ATP, metabolism/ *THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND'S DISEASE, metabolism

8609. **Smith DF, Kosow DP, Wu C, et al:** Characterization of human platelet UDPglucose-collagen glucosyltransferase using a new rapid assay. Biochim Biophys Acta 483(2):263-78, 11 Aug 77
*BLOOD PLATELETS, enzymology/ CELL MEMBRANE, enzymology/ CHICKENS/ COLLAGEN, metabolism/ CYTOPLASM, enzymology/ GLUCOSYLTRANSFERASES, isolation & purification/ *GLUCOSYLTRANSFERASES, metabolism/ GLYCOSIDES, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROXYLYSINE, analogs & derivatives/ HYDROXYLYSINE, metabolism/ KINETICS/ MANGANESE, pharmacodynamics/ SKIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ URIDINE DIPHOSPHATE GLUCOSE, metabolism

8610. **Smith EB, Massie IB, Alexander KM:** The release of an immobilized lipoprotein fraction from atherosclerotic lesions by incubation with plasmin. Atherosclerosis 25(1):71-84, Oct 76
ADULT/ AGED/ AORTA, metabolism/ *ARTERIOSCLEROSIS, enzymology/ ATHEROMA, enzymology/ *ATHEROSCLEROSIS, enzymology/ CHOLESTEROL, metabolism/ CHONDROITINASES, metabolism/ CLOSTRIDIOPEPTIDASE A, metabolism/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRIN, metabolism/ *FIBRINOLYSIN, metabolism/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ *LIPID MOBILIZATION/ *LIPOPROTEINS, LDL, metabolism/ MIDDLE AGE

8611. **Smith EB:** Molecular interactions in human atherosclerotic plaques. Am J Pathol 86(3):665-74, Mar 77
AGE FACTORS/ ALPHA MACROGLOBULINS, metabolism/ *AORTA, metabolism/ *ARTERIOSCLEROSIS, metabolism/ *ATHEROMA, metabolism/ *BLOOD PROTEINS, metabolism/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ *FATTY STREAK, ARTERIAL, metabolism/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ HUMAN/ IMMUNOELECTROPHORESIS/ LIPOPROTEINS, HDL, metabolism/ *LIPOPROTEINS, LDL, metabolism/ MOLECULAR WEIGHT/ SERUM ALBUMIN, metabolism

8612. **Smith GF:** The heparin-thrombin complex in the mechanism of thrombin inactivation by heparin. Biochem Biophys Res Commun 77(1):111-7, 11 Jul 77
ANIMAL/ CATTLE/ *HEPARIN/ HEPARIN, metabolism/ HUMAN/ KINETICS/ MACROMOLECULAR SYSTEMS/ PROTEIN BINDING/ *THROMBIN/ THROMBIN, antagonists & inhibitors/ THROMBIN, metabolism

8613. **Smith IE, Powles R, Clink HM, et al:** Early deaths in acute myelogenous leukemia. Cancer 39(4):1710-4, Apr 77
ADULT/ ANTIBIOTICS, administration & dosage/ ANTIBIOTICS, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ FEMALE/ GRANULOCYTES, transplantation/ HUMAN/ INFECTION, complications/ INFECTION, drug therapy/ LEUKEMIA, MYELOBLASTIC, complications/ *LEUKEMIA, MYELOBLASTIC, mortality/ LEUKEMIA, MYELOBLASTIC, therapy/ MALE/ SEPTICEMIA, complications/ SEPTICEMIA, drug therapy/ TIME FACTORS

8614. **Smith JB, Ingerman C, Silver MJ:** Persistence of thromboxane A2-like material and platelet release-inducing activity in plasma. J Clin Invest 58(5):1119-22, Nov 76
ARACHIDONIC ACIDS/ *BLOOD PLATELETS, metabolism/ HALF-LIFE/ *HYDROXY ACIDS, blood/ PEROXIDES, metabolism/ PLATELET AGGREGATION/ PROSTAGLANDINS, metabolism/ *PYRANS, blood/ SEROTONIN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8615. **Smith JB, Ingerman CM, Silver MJ:** Formation of prostagland in D2 during endoperoxide-induced platelet aggregation. Thromb Res 9(4):413-8, Oct 76
ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ IN VITRO/ *PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, biosynthesis/ PROSTAGLANDINS F, biosynthesis/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, isolation & purification/ PROSTAGLANDINS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8616. **Smith JB, Ingerman CM, Silver MJ:** Platelet prostaglandin production and its implications. Adv Prostaglandin Thromboxane Res 2:747-53, 1976
ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ARACHIDONIC ACIDS, pharmacodynamics/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ *FIBRINOGEN, pharmacodynamics/ HUMAN/ INDOMETHACIN, pharmacodynamics/ ORGANOIDS, metabolism/ PEROXIDES/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ *PROSTAGLANDINS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8617. **Smith JK, Snape TJ, Bidwell E:** Preparation of factor IX concentrate from platelet-rich plasma [letter] Thromb Haemostas 37(2):363-6, 30 Apr 77

BLOOD PLATELETS, analysis/ *FACTOR IX, isolation & purification/ HUMAN/ METHODS

8618. **Smith JM, Balabanian MB, Freeman RM:** Serum levels of a component reacting with antiserum to urinary antitrypsin in health and disease with emphasis on high levels in renal failure. J Lab Clin Med 88(6):905–13, Dec 76
ADOLESCENCE/ ADULT/ AGED/ BIOLOGICAL PRODUCTS, blood/ CREATININE, blood/ FEMALE/ GEL DIFFUSION TESTS/ HEMODIALYSIS/ HUMAN/ *IMMUNE SERUMS/ *KIDNEY DISEASES, blood/ KIDNEY, transplantation/ MALE/ MIDDLE AGE/ PREGNANCY/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN INHIBITORS, immunology/ *TRYPSIN INHIBITORS, urine/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8619. **Smith MR, Cook RT:** Urea reduces the thermal stability of polyanion-treated chromatin
Biochem Biophys Res Commun 74(4):1475–82, 21 Feb 77
ANIMAL/ BINDING SITES/ *CHROMATIN/ CHROMATIN, metabolism/ DRUG STABILITY/ EDTA/ GLUTAMATES/ HEAT/ *HEPARIN/ LIVER, metabolism/ MALE/ MOLECULAR WEIGHT/ NUCLEIC ACID CONFORMATION/ NUCLEIC ACID DENATURATION/ *PEPTIDES/ PROTEIN BINDING/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *UREA

8620. **Smith RB, Ehrlich RM:** The surgical complications of renal transplantation. Urol Clin North Am 3(3):621–46, Oct 76 (82 ref.)
ARTERIOVENOUS FISTULA, surgery/ BLOOD VESSEL PROSTHESIS/ GRAFT REJECTION/ HUMAN/ *KIDNEY, transplantation/ NEPHRECTOMY/ *POSTOPERATIVE COMPLICATIONS, surgery/ RENAL ARTERY STENOSIS, radiography/ RENAL ARTERY STENOSIS, surgery/ RENAL ARTERY, radiography/ RENAL VEINS, radiography/ REVIEW/ SCROTUM, surgery/ SURGICAL WOUND INFECTION, surgery/ THROMBOSIS, radiography/ THROMBOSIS, surgery/ TRANSPLANTATION, HOMOLOGOUS/ URETERAL OBSTRUCTION, surgery/ URINARY FISTULA, surgery/ UROGRAPHY

8621. **Smith WH, Parsons CA:** The pulmonary capillary bed after lymphography. Br J Anaesth 48(9):923–5, Sep 76
*CONTRAST MEDIA, adverse effects/ HUMAN/ *LYMPHOGRAPHY, adverse effects/ *PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, physiopathology/ RADIONUCLIDE IMAGING

8622. **Smith WL, Wilkin GP:** Immunochemistry of prostaglandin endoperoxide-forming cyclooxygenases: the detection of the cyclooxygenases in rat, rabbit, and guinea pig kidneys by immunofluorescence. Prostaglandins 13(5):873–92, May 77
ANIMAL/ BLOOD PLATELETS, enzymology/ CATTLE/ DOGS/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ GUINEA PIGS/ HUMAN/ *HYDROXYLASES, analysis/ IMMUNE SERUMS/ *KIDNEY, enzymology/ LUNG, enzymology/ MALE/ METHODS/ PRECIPITATION/ *PROSTAGLANDIN SYNTHASE, analysis/ RABBITS/ SEMINAL VESICLES, enzymology/ SHEEP/ SPLEEN, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UTERUS, enzymology

8623. **Smith MJH, Walker JR, Ford-Hutchinson AW, et al:** Platelets, prostaglandins and inflammation.
Agents Actions 6(6):701–4, Nov 76
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, immunology/ *BLOOD PLATELETS, physiology/ EXUDATES AND TRANSUDATES, metabolism/ FEMALE/ IMMUNE SERUMS, pharmacodynamics/ INDOMETHACIN, pharmacodynamics/ *INFLAMMATION, physiopathology/ LEUKOCYTE COUNT/ *PROSTAGLANDINS, physiology/ RATS/ SALICYLATES, pharmacodynamics/ THROMBOPENIA, chemically induced/ TIME FACTORS

8624. **Smitskampen H, Wolthuis FH:** Behandeling van ernstige malaria tropica Ned Tijdschr Geneeskd 120(35):1503–5, 28 Aug 76 (Eng. Abstr.) **(Dut)**
ADRENAL CORTEX HORMONES, therapeutic use/ *ANTIMALARIALS, therapeutic use/ DEXTRAN, therapeutic use/ EDEMA, prevention & control/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ *MALARIA, drug therapy/ MICROCIRCULATION, drug effects/ PLASMODIUM FALCIPARUM/ QUININE, therapeutic use/ UREA, therapeutic use

8625. **Smokovitis A, Sugimoto M, Dannenberg AM Jr, et al:** A histochemical study of the fibrinolytic activity in dermal tuberculous lesions produced by BCG in rabbits.
Exp Mol Pathol 25(2):236–41, Oct 76
ANIMAL/ *BCG/ FEMALE/ *FIBRINOLYSIS/ HISTOCYTOCHEMISTRY/ MALE/ *MYCOBACTERIUM BOVIS/ RABBITS/ *SKIN, pathology/ *TUBERCULOSIS, CUTANEOUS, pathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8626. **Smolen VF, Erb RJ:** Predictive conversion of in vitro drug dissolution data into in vivo drug response versus time profiles exemplified for plasma levels of warfarin.
J Pharm Sci 66(3):297–304, Mar 77
COMPUTERS, ANALOG/ FOURIER ANALYSIS/ HUMAN/ MATHEMATICS/ MODELS, BIOLOGICAL/ SOLUBILITY/ TABLETS/ TIME FACTORS/ WARFARIN, administration & dosage/ *WARFARIN, blood/ WARFARIN, pharmacodynamics

8627. **Smolianitskii AIa, Bokarev IN:** Metody diagnostiki trombotsitopatii Lab Delo (4):195–201, 1976 **(Rus)**
*BLOOD PLATELET DISORDERS, diagnosis/ CLOT RETRACTION/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ *THROMBOCYTOPATHY, diagnosis

8628. **Smolińska K, Olbromska W:** Przypadek zespołu Ekmana–Lobsteina--van der Hoevego z jaskrą prostą obu oczu i zakrzepica żyły środkowej siatkówki oka prawego. Pol Tyg Lek 32(22):843–4, 30 May 77 (Eng. Abstr.) **(Pol)**
ADULT/ CASE REPORT/ DEAFNESS, complications/ ENGLISH ABSTRACT/ *GLAUCOMA, complications/ HUMAN/ MALE/ *OSTEOGENESIS IMPERFECTA, familial & genetic/ OSTEOPOROSIS, complications/ *RETINAL VEIN/ *SCLERA, abnormalities/ SYNDROME/ *THROMBOSIS, complications

8629. **Smythies JR, Bradley RJ, Linton PH:** Meeting report: Biochemical aspects of schizophrenia. Alabama, April 1975. Psychoneuroendocrinology 1(2):199–201, 1975
ACUTE DISEASE/ BLOOD PLATELETS, enzymology/ CHRONIC DISEASE/ DOPAMINE, metabolism/ FOLIC ACID, metabolism/ GABA, metabolism/ HALLUCINOGENS, diagnostic use/ HUMAN/ MESENCEPHALON, metabolism/ METHIONINE, therapeutic use/ MONOAMINE OXIDASE, blood/ PROLACTIN, diagnostic use/ RECEPTORS, DOPAMINE, metabolism/ SCHIZOPHRENIA, drug therapy/ *SCHIZOPHRENIA, metabolism/ SEROTONIN, metabolism/ T-LYMPHOCYTES, metabolism

8630. **Snyder GK, Weathers WW:** Hematology, viscosity, and respiratory functions of whole blood of the lesser mouse deer, Tragulus javanicus. J Appl Physiol 42(5):673–8, May 77
ANIMAL/ *ARTIODACTYLA, blood/ BIOMETRY/ BLOOD VISCOSITY/ ERYTHROCYTE COUNT/ ERYTHROCYTES, metabolism/ HEMATOCRIT/ HEMOGLOBINS, analysis/ HEMOGLOBINS, metabolism/ HYDROGEN-ION CONCENTRATION/ OSMOTIC FRAGILITY/ OXYGEN CONSUMPTION/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8631. **Snyder M, Renaudin J:** Intracranial hemorrhage associated with anticoagulation therapy. Surg Neurol 7(1):31–4, Jan 77
AGED/ *ANTICOAGULANTS, adverse effects/

CASE REPORT/ *CEREBRAL HEMORRHAGE, chemically induced/ CEREBRAL HEMORRHAGE, complications/ HEMATOMA, SUBDURAL, etiology/ HUMAN/ MALE/ MIDDLE AGE/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8632. **Snyder SL, Walker RI:** Inhibition of lethality in endotoxin challenged mice treated with zinc chloride. p. 408. In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
ANIMAL/ *ENDOTOXINS, pharmacodynamics/ GLUCURONIDASE, blood/ LYSOSOMES, drug effects/ LYSOSOMES, enzymology/ MEMBRANES, drug effects/ MEMBRANES, enzymology/ MICE/ MONOGRAPH/ PEPTIDE HYDROLASES, metabolism/ SALMONELLA TYPHI/ *ZINC, pharmacodynamics

8633. **Sobalkowski S:** Naczyniak krwionośny małżowiny usznej Wiad Lek 29(22):2057-9, 15 Nov 76 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ CASE REPORT/ *EAR NEOPLASMS, surgery/ *EAR, EXTERNAL/ ENGLISH ABSTRACT/ *HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE

8634. **Sobel JD, Rubin AE, Valero A:** Postpartum haemolytic-uraemic syndrome. S Afr Med J 50(46):1860-2, 30 Oct 76
ADULT/ CASE REPORT/ *HEMOLYTIC-UREMIC SYNDROME/ HEMOLYTIC-UREMIC SYNDROME, diagnosis/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ MALE/ PREGNANCY/ *PUERPERAL DISORDERS/ PUERPERAL DISORDERS, diagnosis/ PUERPERAL DISORDERS, drug therapy

8635. **Soberano ME, Ong EB, Johnson AJ, et al:** Purification and characterization of two forms of urokinase. Biochim Biophys Acta 445(3):763-73, 11 Oct 76
AMINO ACIDS, analysis/ CHROMATOGRAPHY, AFFINITY/ HUMAN/ ISOENZYMES, isolation & purification/ *ISOENZYMES, urine/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES, urine/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UROKINASE, isolation & purification/ *UROKINASE, urine

8636. **Soberano ME, Ong EB, Johnson AJ:** The effects of inhibitors on the catalytic conversion of urokinase. Thromb Res 9(6):675-81, Dec 76
BENZAMIDINES, pharmacodynamics/ CATALYSIS/ CHROMATOGRAPHY, AFFINITY/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *UROKINASE, antagonists & inhibitors/ UROKINASE, isolation & purification

8637. **Sobota JT, Gruber CA, Gilbertson TJ, et al:** Prostaglandin E2-hemoglobin AA and SS erythrocyte interaction (prostaglandin-erythrocyte interaction). Am J Hematol 2(2):133-43, 1977
*ANEMIA, SICKLE CELL, blood/ BLOOD VISCOSITY, drug effects/ CALCIUM, metabolism/ *ERYTHROCYTES, ABNORMAL, drug effects/ ERYTHROCYTES, ABNORMAL, pathology/ HEMOGLOBIN A, metabolism/ HEMOGLOBIN, SICKLE, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ OXYGEN/ POTASSIUM, metabolism/ *PROSTAGLANDINS E, pharmacodynamics

8638. **Sochard MR, Colwell RR:** Tolerance and other biological properties of Vibrio parahaemolyticus endotoxins. Jpn J Microbiol 20(4):309-19, Aug 76
ANIMAL/ CARBOHYDRATES, analysis/ COMPARATIVE STUDY/ DRUG TOLERANCE/ ENDOTOXINS, analysis/ *ENDOTOXINS, pharmacodynamics/ ENDOTOXINS, toxicity/ FEMALE/ FEVER, chemically induced/ LETHAL DOSE 50/ MALE/ MICE/ NITROGEN, analysis/ PHOSPHORUS, analysis/ RABBITS/ SALMONELLA TYPHI, analysis/ SHWARTZMAN PHENOMENON, chemically induced/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *VIBRIO PARAHAEMOLYTICUS/ VIBRIO PARAHAEMOLYTICUS, analysis

8639. **Sochard MR, Colwell RR:** Toxin isolation from a Kanagawa-phenomenon negative strain of Vibrio parahaemolyticus. Microbiol Immunol 21(5):243-54, 1977
ANIMAL/ DIARRHEA, chemically induced/ *ENTEROTOXINS/ ENTEROTOXINS, biosynthesis/ ENTEROTOXINS, isolation & purification/ ENTEROTOXINS, toxicity/ FEMALE/ HEAT/ HEMOLYSIS/ HYDROLYSIS/ LETHAL DOSE 50/ MALE/ MICE/ RABBITS/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *VIBRIO PARAHAEMOLYTICUS/ VIBRIO PARAHAEMOLYTICUS, analysis/ VIBRIO PARAHAEMOLYTICUS, immunology/ VIBRIO PARAHAEMOLYTICUS, metabolism

8640. **Soczewiński E, Matysik G, Grodzińska-Zachwieja Z:** Selective liquid-liquid partition systems for the chromatographic analysis of some coumarins and phenolic acids (derivatives of cinnamic acid). J Chromatogr 137(1):182-7, 11 Jul 77
CHROMATOGRAPHY, PAPER/ *CINNAMATES, analysis/ *COUMARINS, analysis/ *PHENOLS, analysis/ SOLUBILITY/ SOLVENTS

8641. **Söder P-O, Modéer T:** Characterization of trypsin-like enzymes from human saliva isolated by use of affinity chromatography. Acta Odontol Scand 35(1):41-50, 1977
ADULT/ CHROMATOGRAPHY, AFFINITY/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ MALE/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ *SALIVA, enzymology/ TEMPERATURE/ TRYPSIN INHIBITORS

8642. **Sodetz JM, Pizzo SV, McKee PA:** Relationship of sialic acid to function and in vivo survival of human factor VIII/von Willebrand factor protein. J Biol Chem 252(15):5538-46, 10 Aug 77
ANIMAL/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, physiology/ DRUG STABILITY/ FACTOR VIII, isolation & purification/ *FACTOR VII/ FACTOR VII, physiology/ HUMAN/ NEURAMINIDASE/ PHAGOCYTOSIS/ PLATELET AGGREGATION/ RABBITS/ RETICULOENDOTHELIAL SYSTEM, physiology/ *SIALIC ACIDS, blood/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND FACTOR/ VON WILLEBRAND FACTOR, isolation & purification/ VON WILLEBRAND FACTOR, physiology

8643. **Sogawa K, Takahashi K:** A novel neutral protease(s) from monkey liver. J Biochem (Tokyo) 80(6):1443-6, Dec 76
ANIMAL/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ *LIVER, enzymology/ MACACA/ MOLECULAR WEIGHT/ MONKEYS/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics

8644. **Sogawa K, Takahashi K:** The structure and function of acid proteases. VII. Distribution and some properties of acid proteases in monkey tissues. J Biochem (Tokyo) 81(2):423-9, Feb 77
ACETYLGLUCOSAMINIDASE, metabolism/ ACID PHOSPHATASE, metabolism/ ANIMAL/ BRAIN, enzymology/ HEMOGLOBINS, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KIDNEY, enzymology/ LUNG, enzymology/ MACACA/ MALE/ MOLECULAR WEIGHT/ MONKEYS/ PEPSTATINS, pharmacodynamics/ *PEPTIDE HYDROLASES, metabolism/ SPLEEN, enzymology

8645. **Sokačic F, Njarvo J:** Prilog terapiji akutnog pankreatitisa Acta Chir Iugosl 24(1 Suppl):71-5, 1977 (Eng. Abstr.) **(Scr)**
ACUTE DISEASE/ ADULT/ AGED/

ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTIBIOTICS, therapeutic use/ ATROPINE, therapeutic use/ BACTERIAL INFECTIONS, prevention & control/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ *PANCREATITIS, drug therapy/ VITAMINS, therapeutic use

8646. **Sokal G, Michaux JL, Van Den Berghe H:** Anémie réfractaire et chromosome 5 q –: un nouveau syndrome Bull Mem Acad R Med Belg 130(7–9):368–86, 1975 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ *ANEMIA, APLASTIC, familial & genetic/ ANEMIA, APLASTIC, immunology/ BILIRUBIN, blood/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ CASE REPORT/ *CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 4–5/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IMMUNOGLOBULINS, analysis/ IRON, blood/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION/ SYNDROME

8647. **Sokolov EI, Volkova VI, Bystritskaia AF, et al:** Neénzimaticheskaia fibrinoliticheskaia aktivnost'u bol'nykh gipertonicheskoĭ bolezn'iu v usloviiakh émotsional'nogo napriazheniia Kardiologiia 16(11):83–7, Nov 76 **(Rus)**
ADULT/ EPINEPHRINE, blood/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HEPARIN, blood/ HUMAN/ *HYPERTENSION, blood/ MIDDLE AGE/ *STRESS, PSYCHOLOGICAL

8648. **Sokolov EI, Vokova VI:** Issledovanie vliianiia psikhoemotsional'nogo napriazheniia na izmenenie koaguliruiushchikh svoĭstv krovi u bol'nykh gipertonicheskoĭ bolezn'iu I–II stadii po dannym tromboelastografii Sov Med (1):29–33, Jan 77 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTENSION, blood/ MIDDLE AGE/ *STRESS, PSYCHOLOGICAL/ THROMBELASTOGRAPHY

8649. **Sokovnina IaM, Debov SS:** Adenaza formennykh elementov krovi donorov i liudeĭ s razlichnymi zabolevaniiami krovi Vopr Med Khim 22(1):117–9, Jan–Feb 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ *AMINOHYDROLASES, blood/ *BLOOD CELLS, enzymology/ *BLOOD DONORS/ BLOOD PLATELETS, enzymology/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ ERYTHROCYTES, enzymology/ HUMAN/ *LEUKEMIA, enzymology/ LEUKEMIA, LYMPHOCYTIC, enzymology/ LEUKEMIA, MYELOCYTIC, enzymology/ LEUKOCYTES, enzymology

8650. **Sokovnina IaM, Tentsova IA, Debov SS:** Ingibitor adenazy trombotsitov zdorovykh liudeĭ. Vopr Med Khim (3):425–7, May–Jun 77 (Eng. Abstr.) **(Rus)**
*AMINOHYDROLASES, antagonists & inhibitors/ *BLOOD PLATELETS, enzymology/ ENGLISH ABSTRACT/ HUMAN/ LEUKEMIA, LYMPHOCYTIC, blood/ LEUKEMIA, LYMPHOCYTIC, enzymology

8651. **Sokratov NV, Skipetrov VP:** Rol' tkanevykh faktorov svertyvaniia krovi v patogeneze tromb-gemorragicheskikh oslozhneniĭ pri diffuznom glomerulonefrite Urol Nefrol (Mosk) (4):15–9, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD COAGULATION FACTORS, physiology/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, physiopathology/ *HEMORRHAGE, etiology/ HUMAN/ INFANT/ KIDNEY CORTEX, physiopathology/ KIDNEY MEDULLA, physiopathology/ *THROMBOSIS, etiology/ TISSUE EXTRACTS, pharmacodynamics

8652. **Sokratov NV, Skipetrov VP:** O vozmozhnom znachenii faktorov svertyvaniia krovi v geneze mochekamennoĭ bolezni Urol Nefrol (Mosk) (3):40–2, May–Jun 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION FACTORS/ CATS/ ENGLISH ABSTRACT/ *KIDNEY CALCULI, blood/ KIDNEY CALCULI, etiology

8653. **Sokratov NV, Skipetrov VP:** Vliianie bluzhdaiushchego nerva na vydelenie pochkami gemokoaguliruiushchikh veshchestv pri blokade adrenergicheskikh retseptorov Fiziol Zh SSSR 62(10):1542–5, Oct 76 **(Rus)**
ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ANIMAL/ *BLOOD COAGULATION FACTORS, urine/ CATS/ *KIDNEY, innervation/ PHENTOLAMINE, pharmacodynamics/ *VAGUS NERVE, physiology

8654. **Sokratov NV, Skipetrov VP:** Vliianie atsetilkholina i atropina na vydelenie pochkami gemokoaguliruiushchikh soedineniĭ v krovenosnoe ruslo Biull Eksp Biol Med 83(2):187–9, Feb 77 (Eng. Abstr.) **(Rus)**
*ACETYLCHOLINE, pharmacodynamics/ ANIMAL/ *ATROPINE, pharmacodynamics/ *BLOOD COAGULATION FACTORS/ CATS/ ENGLISH ABSTRACT/ *KIDNEY, secretion

8655. **Sokratov NV, Skipetrov VP:** Gemokoaguliruiushchaia i fibrinoliticheskaia aktivnost' pochek deteĭ Pediatriia (2):64–6, Feb 77 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ FIBRIN, metabolism/ *FIBRINOLYSIS/ GLOMERULONEPHRITIS, blood/ HUMAN/ INFANT/ KIDNEY MEDULLA, metabolism/ KIDNEY TUBULES, metabolism/ *KIDNEY, physiology

8656. **Sokratov NV, Skipetrov VP, Safronova TA:** Znachenie pochek v reguliatsii svertyvaniia krovi i fibrinoliza. Urol Nefrol (Mosk) (4):80–5, Jul–Aug 77 **(Rus)**
ANIMAL/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION FACTORS, physiology/ BLOOD COAGULATION, drug effects/ FIBRINOLYSIS, drug effects/ HUMAN/ KIDNEY DISEASES, physiopathology/ KIDNEY, cytology/ *KIDNEY, physiology/ KIDNEY, secretion/ PLASMINOGEN ACTIVATORS, physiology

8657. **Solerio L, Di Francesco G, Freni G, et al:** Traumi addominali da parto. Minerva Pediatr 29(25):1569–73, Aug 77 (Eng. Abstr.) **(Ita)**
*ABDOMINAL INJURIES/ *ADRENAL GLANDS, injuries/ *BIRTH INJURIES/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA/ HUMAN/ INFANT, NEWBORN/ INFARCTION/ *KIDNEY, injuries/ *LIVER, injuries/ MALE/ RUPTURE/ SPLENIC RUPTURE, etiology

8658. **Sollner-Webb B, Camerini-Otero RD, Felsenfeld G:** Chromatin structure as probed by nucleases and proteases: evidence for the central role of histones H3 and H4. Cell 9(1):179–93, Sep 76
ARGININE/ *CHROMATIN, ultrastructure/ CHYMOTRYPSIN, metabolism/ DEOXYRIBONUCLEASE, metabolism/ DUCKS/ ERYTHROCYTES/ *HISTONES, metabolism/ KINETICS/ LYSINE/ PROTEIN DENATURATION/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8659. **Solodenko NM, Iur'eva GIu, Kudriashov BA:** O spetsifichnosti deĭstviia trombina na khemoretseptory karotidnogo labirinita liagushki Fiziol Zh SSSR 63(3):411–6, Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION/ *CAROTID ARTERIES, innervation/ *CHEMORECEPTORS, drug effects/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FROGS/ LOBELINE, pharmacodynamics/ MALE/ OXYGEN, blood/ PERIPHERAL NERVES, physiology/ RANA TEMPORARIA/ REFLEX/ SODIUM CHLORIDE, pharmacodynamics/ *THROMBIN, pharmacodynamics/ TRYPSIN, pharmacodynamics

8660. **Solomon A:** Homogeneous (monoclonal) immunoglobulins in cancer [editorial] Am J Med 63(2):169–76, Aug 77 (77 ref.)
ANTIGENIC DETERMINANTS/ ANTIGENS/ FEMALE/ GENOTYPE/ HEPARIN, metabolism/ HUMAN/ IGA, metabolism/ IGG, metabolism/ IGM, metabolism/ *IMMUNOGLOBULINS,

metabolism/ IMMUNOGLOBULINS, FAB, metabolism/ IMMUNOGLOBULINS, FC, metabolism/ IMMUNOGLOBULINS, HEAVY CHAIN, metabolism/ IMMUNOGLOBULINS, LIGHT CHAIN, metabolism/ MALE/ *NEOPLASMS, immunology/ NEOPLASMS, pathology/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8661. **Solomon LR, Hillman RS:** Pyridoxine kinase activity in human erythrocytes and leukocytes: assay and properties. Biochem Med 16(3):223–33, Dec 76
CARBON RADIOISOTOPES, diagnostic use/ CATIONS, DIVALENT, pharmacodynamics/ CATIONS, MONOVALENT, pharmacodynamics/ CELL SEPARATION/ ELECTROPHORESIS/ *ERYTHROCYTES, enzymology/ HEPARIN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *LEUKOCYTES, enzymology/ MAGNESIUM, metabolism/ *PHOSPHOTRANSFERASES, ATP, blood/ POTASSIUM, metabolism/ *PYRIDOXINE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8662. **Solov'ev GM, Gudenko VV:** Viazkost' krovi, plazmy i syvorotki v sosudakh malogo i bol'shogo kruga krovoobrashcheniia u bol'nykh revmaticheskim Kardiologiia 16(6):97–101, Jun 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ BLOOD CIRCULATION/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL ARTERY/ HEPATIC VEINS/ HUMAN/ JUGULAR VEIN/ MALE/ MIDDLE AGE/ *MITRAL VALVE INSUFFICIENCY, blood/ PULMONARY ARTERY/ PULMONARY CIRCULATION/ *RHEUMATIC HEART DISEASE, blood

8663. **Solov'ev GM:** Issledovanie reologicheskikh svoĭstv krovi v sovremennoĭ klinike. Kardiologiia 17(5):5–7, May 77 **(Rus)**
*BLOOD VISCOSITY/ *HEART DISEASES, blood/ HEART DISEASES, physiopathology/ HUMAN/ *MICROCIRCULATION/ PLETHYSMOGRAPHY, IMPEDANCE

8664. **Solum NO, Hagen I, Peterka M:** Human platelet glycoproteins. Further evidence that the 'GP I band' from whole platelets contains three different polypeptides one of which may be involved in the interaction between platelets and Factor VIII. Thromb Res 10(1):71–82, Jan 77
ANIMAL/ *BLOOD PLATELETS, metabolism/ CATTLE/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR VIII, metabolism/ GLYCOPROTEINS, isolation & purification/ *GLYCOPROTEINS, metabolism/ HUMAN/ MOLECULAR WEIGHT/ PLATELET AGGREGATION

8665. **Solun MN, Sokolov EIa:** O trombozakh i emboliiakh legochnoĭ arterii Vrach Delo (11):100–5, Nov 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ AGED/ CASE REPORT/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis

8666. **Solvit A:** L'embolie pulmonaire vue par le phlébologue et par le cardiologue Phlebologie 29(3–4):259–63, Jul–Sep 76 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ HUMAN/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, therapy/ THROMBOEMBOLISM, complications/ *THROMBOEMBOLISM, prevention & control

8667. **Somer T:** Plasmasolutauteihin liittyvä hyperviskositeettisyndrooma. Duodecim 93(9):586–603, 1977 (Eng. Abstr.) **(Fin)**
ADULT/ AGED/ *BLOOD VISCOSITY/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ IGA, analysis/ IGG, analysis/ MACROGLOBULINEMIA, blood/ *MACROGLOBULINEMIA, complications/ MALE/ MIDDLE AGE/ MULTIPLE MYELOMA, blood/ *MULTIPLE MYELOMA, complications

8668. **Song MK, Adham NF, Rinderknecht H:** Relationship between zinc content and trypsin binding activity of alpha2-macroglobulin. p. 409.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
*ALPHA MACROGLOBULINS, metabolism/ BINDING SITES/ HUMAN/ MONOGRAPH/ PROTEIN BINDING/ *TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *ZINC, pharmacodynamics

8669. **Sopotsinskaia EB:** Primenenie antikoagluliantnoĭ terapii u onkologicheskikh bol'nykh Vopr Onkol 22(8):110–5, 1976 (43 ref.) **(Rus)**
ANIMAL/ *ANTICOAGULANTS, therapeutic use/ FEMALE/ FIBRINOLYSIN, therapeutic use/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ IMMUNOSUPPRESSION/ LUNG NEOPLASMS, drug therapy/ NEOPLASM METASTASIS/ *NEOPLASMS, drug therapy/ NEOPLASMS, EXPERIMENTAL, drug therapy/ PEPTIDE HYDROLASES, therapeutic use/ REVIEW/ UTERINE NEOPLASMS, drug therapy/ WARFARIN, therapeutic use

8670. **Sorbye O:** Induction of a labile chicken plasma coagulation factor by choline: dose–response relations, specificity, and effects of protein synthesis inhibitors. Haemostasis 5(3):121–8, 1976
ANIMAL/ CHICKENS/ CHOLINE, antagonists & inhibitors/ *CHOLINE, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FACTOR V, biosynthesis/ PUROMYCIN, pharmacodynamics/ TIME FACTORS

8671. **Sorensen HD:** Pulmonary embolism with embolectomy. Report of a case. Rocky Mt Med J 74(2):90, Mar 77
ADOLESCENCE/ CASE REPORT/ FEMALE/ HUMAN/ METHODS/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, surgery

8672. **Sorensen VK, Jorgensen PS:** Haemangiomer i mandiblen og klaviklen Ugeskr Laeger 139(9):526–8, 28 Feb 77 (Eng. Abstr.) **(Dan)**
AGED/ *BONE NEOPLASMS/ BONE NEOPLASMS, radiography/ CASE REPORT/ CHILD/ *CLAVICLE/ CLAVICLE, radiography/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, radiography/ HUMAN/ MALE/ *MANDIBULAR NEOPLASMS/ MANDIBULAR NEOPLASMS, radiography

8673. **Soria J, Soria C, Samama M:** Dosage du plasminogène à l'aide d'un substrat chromogène tripeptidique Pathol Biol (Paris) 24(10):725–9, Dec 76 (Eng. Abstr.) **(Fre)**
ANILINE COMPOUNDS/ CASEIN, metabolism/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FIBRINOLYSIN, analysis/ GEL DIFFUSION TESTS/ HUMAN/ METHODS/ OLIGOPEPTIDES, metabolism/ PLASMINOGEN ACTIVATORS/ *PLASMINOGEN, analysis/ SPECTROPHOTOMETRY/ STREPTOKINASE, pharmacodynamics

8674. **Soria J, Soria C, Samama M, et al:** Human platelet fibrinogen: a protein different from plasma fibrinogen. Pathol Biol (Paris) 24 Suppl:15–7, Dec 76
ADULT/ ALKYLATION/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD PLATELETS, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ CHEMISTRY/ COMPARATIVE STUDY/ ELECTROPHORESIS, DISC/ FEMALE/ *FIBRINOGEN, analysis/ FIBRINOGEN, biosynthesis/ FIBRINOGEN, isolation & purification/ FIBRINOPEPTIDES A/ HUMAN/ PEPTIDE HYDROLASES/ PLASMA, analysis

8675. **Soria J, Soria C, Boulard C:** Action sur le fibrinogène humain d'immun-sérums dirigés contre les chaines dissociées de ce fibrinogène Pathol Biol (Paris) 24 Suppl:11–4, Dec 76

(Eng. Abstr.) **(Fre)**
ANIMAL/ ANTIBODY SPECIFICITY/ ANTIGENIC DETERMINANTS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ *FIBRINOGEN/ FIBRINOPEPTIDES A/ FIBRINOPEPTIDES B/ FLUORESCENT ANTIBODY TECHNIC/ HEMAGGLUTINATION TESTS/ HUMAN/ *IMMUNE SERUMS/ PERIODIC ACID-SCHIFF REACTION/ PROTEIN CONFORMATION/ RABBITS/ SODIUM DODECYL SULFATE

8676. **Soria J, Soria C, Vinazzer H, et al:** A tanned red cell haemagglutination immuno assay for the estimation of antibodies directed against defibrase. Thromb Res 10(4):623-7, Apr 77
AGED/ *ANTIBODIES, analysis/ ERYTHROCYTES, immunology/ FEMALE/ HEMAGGLUTINATION TESTS, methods/ HUMAN/ IMMUNOASSAY/ *PEPTIDE HYDROLASES, immunology/ *REPTILASE, immunology/ TANNINS

8677. **Soriano H:** A-mode echography in the diagnosis of uveal disease. Can J Ophthalmol 12(2):157-61, Apr 77
CHOROID NEOPLASMS, diagnosis/ CHOROID/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA, diagnosis/ HUMAN/ MELANOMA, diagnosis/ *ULTRASONICS, diagnostic use/ *UVEAL DISEASES, diagnosis

8678. **Sorinson SN, Zhdakova IN:** Otsenka tiazhesti virusnogo gepatita s pomoshch'iu koagulogrammy. Sov Med (5):27-30, May 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ *HEPATITIS, VIRAL, HUMAN, blood/ HUMAN/ MALE

8679. **Soszka T:** Partial purification and some properties of the tissue plasminogen activator from the human myometrium. Thromb Res 10(6):823-32, Jun 77
AMINOCAPROIC ACIDS, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MOLECULAR WEIGHT/ *MYOMETRIUM, enzymology/ PLASMINOGEN ACTIVATORS, antagonists & inhibitors/ *PLASMINOGEN ACTIVATORS, isolation & purification/ RIBOSOMES/ SODIUM CHLORIDE/ *UTERUS, enzymology

8680. **Soter NA:** Clinical presentations and mechanisms of necrotizing angitis of the skin. J Invest Dermatol 67(3):354-9, Sep 76 (65 ref.)
ANTIGEN-ANTIBODY COMPLEX/ *ARTERITIS, diagnosis/ ARTERITIS, immunology/ ARTERITIS, pathology/ COMPLEMENT, deficiency/ HUMAN/ HYPERSENSITIVITY, pathology/ MAST CELLS, immunology/ NECROSIS/ PURPURA, diagnosis/ REVIEW/ SJOGREN'S SYNDROME, blood/ *SKIN MANIFESTATIONS/ SKIN, blood supply/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ URTICARIA, diagnosis

8681. **Sotgiu G, Vannini P, Gandolfi L, et al:** Parenteral nutrition in the treatment of ulcerohemorrhagic colitis, regional enteritis and enteropathic acrodermatitis. pp. 107-20. In: Manni C, ET AL., ED. Total parental alimentation. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.367 1976.
ACRODERMATITIS, diet therapy/ *ACRODERMATITIS, therapy/ ADULT/ CASE REPORT/ CHILD/ *COLITIS, ULCERATIVE, therapy/ DEFECATION/ DIARRHEA, therapy/ *ENTERITIS, REGIONAL, therapy/ FEVER OF UNKNOWN ORIGIN/ GLUTEN/ HUMAN/ INTESTINAL DISEASES, diet therapy/ INTESTINAL DISEASES, therapy/ MALE/ MONOGRAPH/ *PARENTERAL FEEDING/ *PARENTERAL HYPERALIMENTATION/ PARENTERAL HYPERALIMENTATION, adverse effects/ THROMBOPHLEBITIS, etiology

8682. **Soto Rosa S, Mata LA, Fernández de la Vega P:** Complicaciones en cardiopatías congénitas no cianógenas. Arch Inst Cardiol Mex 47(2):132-43, Mar-Apr 77 (48 ref.) (Eng. Abstr.) **(Spa)**
BRONCHOPNEUMONIA, complications/ CHILD/ CHILD, PRESCHOOL/ ENDOCARDITIS, BACTERIAL, complications/ ENGLISH ABSTRACT/ FEMALE/ GROWTH DISORDERS, complications/ *HEART DEFECTS, CONGENITAL, complications/ HEART DEFECTS, CONGENITAL, mortality/ HEART FAILURE, CONGESTIVE, complications/ HEART RATE/ HUMAN/ HYPERTENSION, PULMONARY, complications/ INFANT/ INFANT, NEWBORN/ MALE/ REVIEW/ THROMBOEMBOLISM, complications

8683. **Soulen RL:** Doppler ultrasound in vascular disease. Int Surg 62(5):298-303, May 77 (19 ref.)
ARTERIAL OCCLUSIVE DISEASES, diagnosis/ BLOOD PRESSURE/ *DOPPLER EFFECT/ FEMORAL ARTERY, radiography/ FEMORAL VEIN/ HUMAN/ *PHYSICS/ POPLITEAL VEIN, radiography/ REGIONAL BLOOD FLOW/ REVIEW/ SUBCLAVIAN ARTERY, radiography/ THROMBOSIS, diagnosis/ *ULTRASONICS, diagnostic use/ ULTRASONICS, instrumentation/ *VASCULAR DISEASES, diagnosis

8684. **Soulier JP, Patereau C:** Groupage et détection d'anticorps dans le système PLA (plaquettaire). Application à l'étude par allo-immunisation foeto-maternelle PLA Rev Fr Transfus Immunohematol 19(3):431-48, Sep 76 (Eng. Abstr.)
*BLOOD PLATELETS, immunology/ CASE REPORT/ COOMBS' TEST/ ENGLISH ABSTRACT/ EXCHANGE TRANSFUSION/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, immunology/ INFANT, NEWBORN, DISEASES, therapy/ *ISOANTIBODIES, analysis/ MALE/ *MATERNAL-FETAL EXCHANGE/ METHODS/ PEDIGREE/ PREGNANCY/ *THROMBOPENIA, immunology/ THROMBOPENIA, therapy

8685. **Sourkes TL, Missala K, Bastomsky CH, et al:** Metabolism of monoamines and diamines in hyperthyroid and hypothyroid rats. Can J Biochem 55(8):789-95, Aug 77
*AMINES, metabolism/ ANIMAL/ BLOOD PLATELETS, enzymology/ BODY WEIGHT/ *CADAVERINE, metabolism/ *DIAMINES, metabolism/ *ETHYLAMINES, metabolism/ *HYPERTHYROIDISM, metabolism/ *HYPOTHYROIDISM, metabolism/ LIVER, enzymology/ MALE/ MONOAMINE OXIDASE, metabolism/ MUSCLES, enzymology/ ORGAN WEIGHT/ *PUTRESCINE, metabolism/ RATS/ THYROIDECTOMY/ THYROXINE, blood/ THYROXINE, pharmacodynamics/ TRIIODOTHYRONINE, blood

8686. **Spaggiari A, Galli G, Prati R:** Su di un caso di singolare neoplasia benigna dell'esofago: l'emangioma cavernoso Arch Chir Torac Cardiovasc 33(1-2):39-51, Jan-Jun 76 **(Ita)**
AGED/ CASE REPORT/ *ESOPHAGEAL NEOPLASMS/ ESOPHAGEAL NEOPLASMS, pathology/ ESOPHAGUS, pathology/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ MALE

8687. **Spängler HP:** Gewebeklebung und lokale Blutstillung mit Fibrinogen, Thrombin und Blutgerinnungsfaktor XIII (Experimentelle Untersuchungen und klinische Erfahrungen) Wien Klin Wochenschr [Suppl] 88(49):3-18, 1976 (Eng. Abstr.) **(Ger)**
ANIMAL/ BLADDER/ CATTLE/ DOGS/ ENGLISH ABSTRACT/ *FACTOR XIII/ FEMALE/ *FIBRINOGEN/ GRANULATION TISSUE/ HEMORRHAGE, therapy/ HEMOSTASIS/ LIVER, surgery/ MALE/ PLEURA/ RATS/ SPECIES SPECIFICITY/ *THROMBIN/ *TISSUE ADHESIVES

8688. **Spanos HG, Hecker JF:** Thrombus formation on indwelling venous cannulae in sheep : effects of time, size and materials. Anaesth Intensive Care 4(3):217-24, Aug 76
ANIMAL/ PLASTICS, adverse effects/ POLYETHYLENES, adverse effects/ POLYVINYL CHLORIDE, adverse effects/ SHEEP/ *THROMBOSIS, etiology/ TIME FACTORS

8689. **Spargo BH, Lichtig C, Luger AM, et al:** The renal lesion

in preeclampsia. Perspect Nephrol Hypertens 5:129–37, 1976
ALPHA MACROGLOBULINS, analysis/ COMPLEMENT 3, analysis/ COMPLEMENT 4, analysis/ ECLAMPSIA, metabolism/ FEMALE/ FIBRIN, analysis/ HUMAN/ IGA, analysis/ IGE, analysis/ IGG, analysis/ IGM, analysis/ KIDNEY GLOMERULUS, metabolism/ KIDNEY GLOMERULUS, pathology/ *KIDNEY, pathology/ KIDNEY, ultrastructure/ KIDNEY, immunology/ PRE-ECLAMPSIA, immunology/ PRE-ECLAMPSIA, metabolism/ *PRE-ECLAMPSIA, pathology/ *PREGNANCY TOXEMIAS, pathology/ PREGNANCY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8690. **Spark RF, Berg S:** Renal trauma and hypertension: the role of renin. Arch Intern Med 136(10):1097–1100, Oct 76
ADULT/ ANGIOTENSIN, blood/ CASE REPORT/ FEMALE/ HEMATOMA, blood/ HEMATOMA, surgery/ HUMAN/ *HYPERTENSION, RENAL, blood/ KIDNEY DISEASES, blood/ KIDNEY DISEASES, surgery/ *KIDNEY, injuries/ MALE/ MIDDLE AGE/ NEPHRECTOMY/ RENAL ARTERY OBSTRUCTION, blood/ RENAL ARTERY OBSTRUCTION, surgery/ *RENIN, blood/ THROMBOSIS, blood

8691. **Spataro AC, Morgan HR, Bosmann HB:** Neutral protease activity of Rous sarcoma (RSV) transformed chick embryo fibroblasts. J Cell Sci 21(2):407–13, Jul 76
AVIAN LEUKOSIS VIRUSES/ CELL MEMBRANE, physiology/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ ELECTROPHORESIS/ *PEPTIDE HYDROLASES, metabolism/ *ROUS SARCOMA VIRUS/ SURFACE PROPERTIES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8692. **Spath P, Gabl F:** Critical role of the conversion of the third complement component C3 (beta 1C/beta 1A) for its immunochemical quantitation. Clin Chim Acta 73(1):171–5, 15 Nov 76
*COMPLEMENT 3, analysis/ *COMPLEMENT, analysis/ DRUG STABILITY/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ POLYSACCHARIDES/ TEMPERATURE/ THROMBIN/ TIME FACTORS

8693. **Specht BU, Brendel W:** Preparation and properties of trypsin and chymotrysin coupled covalently to poly (N-vinylpyrrolidone). Biochim Biophys Acta 484(1):109–14, 15 Sep 77
CHEMISTRY/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ CHYMOTRYPSINOGEN/ DRUG STABILITY/ MOLECULAR WEIGHT/ *POLYVINYLPYRROLIDONE/ PROTEIN BINDING/ TRYPSIN INHIBITORS/ *TRYPSIN/ TRYPSIN, metabolism

8694. **Spector JI, Yarmala JA, Marchionni LD, et al:** Viability and function of platelets frozen at 2 to 3 C per minute with 4 or 5 per cent DMSO and stored at -80 C for 8 months. Transfusion 17(1):8–15, Jan–Feb 77
ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, transplantation/ *BLOOD PRESERVATION/ CELL SURVIVAL/ *DIMETHYL SULFOXIDE/ *FREEZING/ HUMAN/ MALE/ PLATELET AGGREGATION, drug effects/ TIME FACTORS

8695. **Spector JI, Skrabut EM, Valeri CR:** Oxygen consumption, platelet aggregation and release reactions in platelets freeze-preserved with dimethylsulfoxide. Transfusion 17(2):99–109, Mar–Apr 77
ADENOSINE DIPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ ADULT/ *BLOOD PLATELETS, metabolism/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ COLLAGEN/ CRYOPROTECTIVE AGENTS/ DIMETHYL SULFOXIDE/ EPINEPHRINE/ FREEZE DRYING/ HEMOSTASIS/ HEPARIN ANTAGONISTS/ HUMAN/ HYPOTONIC SOLUTIONS/ OSMOTIC PRESSURE/ OXYGEN CONSUMPTION/ PLATELET AGGREGATION/ PLATELET FACTOR 3, metabolism/ PLATELET FACTOR 4, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8696. **Speicher DW, McCarl RL:** Pancreatic enzyme requirements for the dissociation of rat hearts for culture. In Vitro 10:30–41, Jul–Aug 74
AMYLASE, metabolism/ AMYLASE, pharmacodynamics/ *CELL SEPARATION/ CELL SURVIVAL, drug effects/ CELLS, CULTURED/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ CHYMOTRYPSIN, pharmacodynamics/ LIPASE, metabolism/ LIPASE, pharmacodynamics/ MYOCARDIAL CONTRACTION, drug effects/ *MYOCARDIUM, cytology/ *PANCREATOPEPTIDASE/ PANCREATOPEPTIDASE, metabolism/ PANCREATOPEPTIDASE, pharmacodynamics/ *TRYPSIN/ TRYPSIN, metabolism/ TRYPSIN, pharmacodynamics

8697. **Speiser P:** Die Hämangiome der Netzhaut Fortschr Med 94(15):907–9, 20 May 76 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, CAVERNOUS, diagnosis/ HIPPEL-LINDAU DISEASE, diagnosis/ HUMAN/ RETINAL ARTERY, pathology/ *RETINAL DISEASES, diagnosis

8698. **Spengler DM, Costenbader M, Bailey R:** Fat embolism syndrome following total hip arthroplasty. Clin Orthop (121):105–7, Nov–Dec 76
ADULT/ ARTHROPLASTY/ CASE REPORT/ EMBOLISM, FAT, diagnosis/ *EMBOLISM, FAT, etiology/ FEMALE/ HIP JOINT, surgery/ HUMAN/ HYPOTENSION, diagnosis/ *JOINT PROSTHESIS/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, etiology

8699. **Sperber WH:** The identification of staphylococci in clinical and food microbiology laboratories.
CRC Crit Rev Clin Lab Sci 7(2):121–84, 1976
ANTIBIOTICS, pharmacodynamics/ *BACTERIOLOGICAL TECHNICS/ BACTERIOPHAGE TYPING/ CARBOHYDRATES, metabolism/ CATALASE, metabolism/ CELL WALL, analysis/ COAGULASE, biosynthesis/ DEOXYRIBONUCLEASE, biosynthesis/ DNA, BACTERIAL, analysis/ ENTEROTOXINS, biosynthesis/ *FOOD MICROBIOLOGY/ HEMOLYSINS, biosynthesis/ LIPASE, biosynthesis/ LYSOSTAPHIN, pharmacodynamics/ MERCURY, pharmacodynamics/ PIGMENTATION/ SEROTYPING/ STAPHYLOCOCCUS AUREUS, drug effects/ STAPHYLOCOCCUS AUREUS, isolation & purification/ STAPHYLOCOCCUS AUREUS, metabolism/ STAPHYLOCOCCUS, drug effects/ *STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, metabolism

8700. **Spero JA, Lewis JH, Hasiba U, et al:** Treatment of amyloidosis associated factor X deficiency.
Thromb Haemostas 35(2):377–81, 30 Apr 76
*AMYLOIDOSIS, complications/ CASE REPORT/ FACTOR IX, therapeutic use/ FACTOR X DEFICIENCY, etiology/ *FACTOR X DEFICIENCY, therapy/ FEMALE/ HUMAN/ *HYPOPROTHROMBINEMIAS, therapy/ MIDDLE AGE

8701. **Spero L, Griffin BY, Middlebrook JL, et al:** Effect of single and double peptide bond scission by trypsin on the structure and activity of staphylococcal enterotoxin C.
J Biol Chem 251(18):5580–8, 25 Sep 76
AMINO ACIDS, analysis/ ANIMAL/ BIOLOGICAL ASSAY/ CIRCULAR DICHROISM/ CROSS REACTIONS/ *ENTEROTOXINS/ *ENTEROTOXINS, pharmacodynamics/ KINETICS/ MICE/ MITOGENS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, pharmacodynamics/ PRECIPITIN TESTS/ PROTEIN CONFORMATION/ SPLEEN, drug effects/ STAPHYLOCOCCUS/ *TRYPSIN

8702. **Spesivtseva VG, Men'shikov VV, Beliakov NV, et al:** Pokazateli kininovoĭ sistemy krovi u bol'nykh sakharnym diabetom Sov Med (6):25–8, Jun 76 (Eng. Abstr.) **(Rus)**

ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ *DIABETES MELLITUS, blood/ DIABETES MELLITUS, complications/ DIABETIC ANGIOPATHIES, blood/ DIABETIC RETINOPATHY, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KALLIKREIN, blood/ KIDNEY, blood supply/ KININASE I, blood/ KININASE II, blood/ *KININS, blood/ MALE/ MIDDLE AGE

8703. **Spicer TE, Rau JM:** Purpura fulminans. Am J Med 61(4):566–71, Oct 76 (44 ref.)
AGE FACTORS/ CASE REPORT/ FEMALE/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA/ PURPURA, etiology/ PURPURA, therapy/ RESPIRATORY TRACT INFECTIONS, complications/ REVIEW/ SCARLET FEVER, complications/ SEASONS

8704. **Spiers AS, Bain BJ, Turner JE:** The peripheral blood in chronic granulocytic leukaemia. Study of 50 untreated Philadelphia-positive cases. Scand J Haematol 18(1):25–38, Jan 77
BASOPHILS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 21–22/ EOSINOPHILS/ FEMALE/ HEMOGLOBINS, analysis/ HUMAN/ *LEUKEMIA, MYELOCYTIC, blood/ LEUKEMIA, MYELOCYTIC, familial & genetic/ LEUKOCYTE COUNT/ LYMPHOCYTES/ MALE/ MONOCYTES/ NEUTROPHILS/ SEX FACTORS

8705. **Spigel SC, Mooney LR:** Extreme thrombocytosis associated with malignancy. Cancer 39(1):339–41, Jan 77
ADENOCARCINOMA, blood/ *ADENOCARCINOMA, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CASE REPORT/ FEMALE/ HUMAN/ LUNG NEOPLASMS, blood/ *LUNG NEOPLASMS, complications/ MIDDLE AGE/ *THROMBOCYTOSIS, complications

8706. **Spillner G, Schlosser V, Nöldge G:** Die akute Venenthrombose als Erstsymptom maligner Erkrankungen Munch Med Wochenschr 118(42):1345–8, 15 Oct 76 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ADULT/ AXILLARY VEIN/ BRONCHIAL NEOPLASMS, complications/ ENGLISH ABSTRACT/ FEMALE/ HODGKIN'S DISEASE, complications/ HUMAN/ LEIOMYOSARCOMA, complications/ MEDIASTINAL NEOPLASMS, complications/ MIDDLE AGE/ NEOPLASM METASTASIS/ *NEOPLASMS, complications/ NEOPLASMS, VASCULAR TISSUE, complications/ PELVIS/ STOMACH NEOPLASMS, complications/ *THROMBOSIS, etiology/ THROMBOSIS, surgery/ VENAE CAVAE

8707. **Spincemaille G, De Roo MJ, Devos P, et al:** Critical appraisal of angioscintigraphy as a diagnostic procedure in cerebrovascular disease. Acta Neurol Belg 77(3):163–80, May–Jun 77
ADULT/ AGED/ BRAIN NEOPLASMS, diagnosis/ CEREBRAL ANEURYSM, diagnosis/ CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ CEREBROVASCULAR CIRCULATION/ *CEREBROVASCULAR DISORDERS, diagnosis/ FEMALE/ HEMANGIOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ *RADIONUCLIDE IMAGING

8708. **Spirer Z, Zakuth V, Bogair N, et al:** Radioimmunoassay of the phagocytosis-stimulating peptide tuftsin in normal and splenectomized subjects. Eur J Immunol 7(2):69–74, Feb 77
BINDING SITES, ANTIBODY/ FEMALE/ HUMAN/ *IMMUNOGLOBULINS, FD, pharmacodynamics/ MALE/ *PHAGOCYTOSIS/ RABBITS/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE, immunology/ *SPLENECTOMY/ TRYPSIN, pharmacodynamics/ TUFTSIN, immunology/ *TUFTSIN, pharmacodynamics

8709. **Spiro R, Lubs ML:** Survey of amniocentesis for fetal sex determination in hemophilia carriers. Clin Genet 10(6):337–42, Dec 76
ABORTION, HABITUAL/ ABORTION, THERAPEUTIC/ ADULT/ *AMNIOCENTESIS, adverse effects/ CASE REPORT/ CHRISTMAS DISEASE, diagnosis/ *CHRISTMAS DISEASE, familial & genetic/ FEMALE/ FETAL DEATH, etiology/ HEMOPHILIA, diagnosis/ *HEMOPHILIA, familial & genetic/ HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ MALE/ PREGNANCY/ RISK/ *SEX DETERMINATION/ UNITED STATES/ UTERINE HEMORRHAGE, etiology

8710. **Spitznagel JK:** Bactericidal mechanisms of the granulocyte. Prog Clin Biol Res 13:103–31, 1977 (126 ref.)
ANIMAL/ *BACTERIA, immunology/ *BLOOD BACTERICIDAL ACTIVITY/ BLOOD PROTEINS, biosynthesis/ ESCHERICHIA COLI, immunology/ *GRANULOCYTES, physiology/ HUMAN/ HYDROGEN PEROXIDE, metabolism/ HYDROGEN, metabolism/ LACTATES, biosynthesis/ LACTOFERRIN, biosynthesis/ *LEUKOCYTES, physiology/ MODELS, BIOLOGICAL/ MURAMIDASE, metabolism/ MYELOPEROXIDASE, metabolism/ NEUTROPHILS, enzymology/ NEUTROPHILS, metabolism/ NEUTROPHILS, physiology/ OXYGEN CONSUMPTION/ PEPTIDE HYDROLASES, metabolism/ PHAGOCYTOSIS/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8711. **Splinter AW:** Suppletietherapie bij beenmerginsufficiëntie. Ned Tijdschr Geneeskd 121(26):1061–6, 25 Jun 77 **(Dut)**
BACTERIAL INFECTIONS, therapy/ BLOOD PLATELETS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BONE MARROW CELLS, transplantation/ *BONE MARROW DISEASES, therapy/ ERYTHROCYTES/ HL-A/ HUMAN/ IMMUNIZATION/ ISOANTIBODIES/ LEUKOCYTES/ LEUKOPENIA, therapy/ MYCOSES, therapy/ THROMBOPENIA, therapy

8712. **Spooner PM, Garrison MM, Scow RO:** Regulation of mammary and adipose tissue lipoprotein lipase and blood triacylglycerol in rats during late pregnancy. Effect of prostaglandins. J Clin Invest 60(3):702–8, Sep 77
*ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, enzymology/ ANIMAL/ FEMALE/ GLYCERIN, analogs & derivatives/ *GLYCERIN, blood/ *LIPOPROTEIN LIPASE, metabolism/ *MAMMAE, drug effects/ MAMMAE, enzymology/ PREGNANCY/ *PREGNANCY, ANIMAL, drug effects/ PROGESTERONE, pharmacodynamics/ PROLACTIN, pharmacodynamics/ PROSTAGLANDINS E, pharmacodynamics/ PROSTAGLANDINS F, antagonists & inhibitors/ PROSTAGLANDINS F, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics/ RATS/ 2-BROMOERGOCRYPTINE, pharmacodynamics

8713. **Spoor TC, Page CP, Rogers W:** Massive cavernous hemangioma of the liver. South Med J 70(4):490–2, Apr 77
CASE REPORT/ COBALT RADIOISOTOPES/ *HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, radiotherapy/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ *LIVER NEOPLASMS, pathology/ MALE/ MIDDLE AGE

8714. **Spöttl F, Froschauer J:** Influence of Etofibrate on plasma fibrinogen and plasminogen concentrations in patients with different forms of primary hyperlipoproteinemia. Atherosclerosis 25(2–3):293–301, Nov–Dec 76
ADULT/ AGED/ CHYLOMICRONS, blood/ *CLOFIBRATE, pharmacodynamics/ DRUG COMBINATIONS/ FEMALE/ *FIBRINOGEN, antagonists & inhibitors/ FIBRINOLYSIS, drug effects/ HUMAN/ *HYPERLIPEMIA, blood/ MALE/ MIDDLE AGE/ *NICOTINIC ACIDS, pharmacodynamics/ *PLASMINOGEN, antagonists & inhibitors/ REGRESSION ANALYSIS/ TRIGLYCERIDES, blood

8715. **Spragg RG, Hill RN, Wedel MK, et al:** Thrombocytopenia induced by extracorporeal membrane oxygenation. pp. 123–36.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute

respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975. (69 ref.)
ANIMAL/ BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS, drug effects/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ HEPARIN, pharmacodynamics/ HUMAN/ MONOGRAPH/ *OXYGENATORS, MEMBRANE, adverse effects/ PLATELET AGGREGATION, drug effects/ REVIEW/ THROMBOPENIA, diagnosis/ *THROMBOPENIA, etiology/ THROMBOPENIA, prevention & control

8716. **Spray TL, Roberts WC:** Status of the grafts and the native coronary arteries proximal and distal to coronary anastomotic sites of aortocoronary bypass grafts. Circulation 55(5):741–9, May 77
ADULT/ AGED/ *AORTOCORONARY BYPASS/ ARTERIES, pathology/ *CORONARY DISEASE, pathology/ CORONARY VESSELS, analysis/ *CORONARY VESSELS, pathology/ FEMALE/ FIBRIN, analysis/ HUMAN/ MALE/ MIDDLE AGE/ SAPHENOUS VEIN/ SEX FACTORS/ THROMBOSIS, pathology/ TRANSPLANTATION, AUTOLOGOUS/ *VEINS, transplantation

8717. **Sprössig M, Wutzler P, Schweizer H, et al:** Kaltsterilisation von Seren mit Peressigsäure
J Hyg Epidemiol Microbiol Immunol (Praha) 21(2):157–63, 1976 (Eng. Abstr.) **(Ger)**
*ACETIC ACIDS, pharmacodynamics/ BLOOD PRESERVATION/ *COLD/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *PERACETIC ACID, pharmacodynamics/ *STERILIZATION, methods/ TIME FACTORS

8718. **Srichaikul T, Nimmanitaya S, Artchararit N, et al:** Fibrinogen metabolism and disseminated intravascular coagulation in dengue hemorrhagic fever. Am J Trop Med Hyg 26(3):525–32, May 77
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ DENGUE, blood/ *DENGUE, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ *FIBRINOGEN, metabolism/ HUMAN/ IODINE RADIOISOTOPES/ MALE/ SHOCK, blood/ SHOCK, complications

8719. **Sridhara S, Portier MM, Daillie J:** RNA polysomes and RNA synthesis in the silk glands of the silkworm Bombyx mori; Eur J Biochem 72(2):331–9, Jan 77
AMANITINS, pharmacodynamics/ ANIMAL/ DACTINOMYCIN, pharmacodynamics/ HEPARIN, pharmacodynamics/ LARVA/ MAGNESIUM, pharmacodynamics/ MANGANESE, pharmacodynamics/ MOLECULAR WEIGHT/ *RNA POLYMERASES, metabolism/ *SILKWORMS, metabolism/ *TRANSCRIPTION, GENETIC/ TRANSCRIPTION, GENETIC, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8720. **Sridhara S, Daillie J:** Preparation and properties of chromatin from the silk glands of the silkworm Bombyx mori. Eur J Biochem 75(1):107–19, 2 May 77
AMANITINS, pharmacodynamics/ AMINO ACIDS, analysis/ AMMONIUM SULFATE, pharmacodynamics/ ANIMAL/ CELL FRACTIONATION/ *CHROMATIN/ CHROMATIN, isolation & purification/ CHROMATIN, metabolism/ DNA POLYMERASES, metabolism/ HEPARIN, pharmacodynamics/ HISTONES, analysis/ KINETICS/ LARVA/ MAGNESIUM, pharmacodynamics/ MANGANESE, pharmacodynamics/ MICROSCOPY, ELECTRON/ RNA POLYMERASES, metabolism/ *SILKWORMS, metabolism/ SONICATION/ TEMPLATES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8721. **Srinivasan R, Balasubramanian R, Rajan SS:** Extended helical conformation newly observed in protein folding. Science 194(4266):720–2, 12 Nov 76
*CHYMOTRYPSIN/ MOLECULAR MODELS/ *PROTEIN CONFORMATION/ X-RAY DIFFRACTION

8722. **Srinivasan SR, Berenson GS:** Quantitation of high-density lipoprotein cholesterol in serum by a heparin-Mn2+ precipitation method [letter]. Clin Chem 23(5):912–3, May 77
CHILD/ *CHOLESTEROL, blood/ FEMALE/ HEPARIN, diagnostic use/ HUMAN/ *LIPOPROTEINS, HDL, blood/ MANGANESE, diagnostic use/ METHODS/ PRECIPITATION

8723. **Srivastava VK, Hill DC:** Effect of mild heat treatment on the nutritive value of low glucosinolate--low erucic acid rapeseed meals. J Sci Food Agric 27(10):953–8, Oct 76
*ANIMAL FEED/ ANIMAL FEED, standards/ ANIMAL FEED, adverse effects/ ANIMAL/ BODY WEIGHT/ DIGESTION/ ERUCIC ACIDS, analysis/ HEAT/ MALE/ *PLANT PROTEINS/ RATS/ *SEEDS/ SEEDS, analysis/ SPECIES SPECIFICITY/ *THIOGLUCOSIDES, analysis/ *THIOGLYCOSIDES, analysis/ THYROID GLAND, anatomy & histology/ TRYPSIN INHIBITORS, analysis

8724. **Sroczyński J, Przybylowski J, Kuleszyńska G, et al:** Makroglobulinemia Waldenstroema.
Pol Arch Med Wewn 58(1):73–6, Jul 77 (Eng. Abstr.) **(Pol)**
AGED/ BLOOD VISCOSITY/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ KIDNEY, pathology/ LUNG, pathology/ MACROGLOBULINEMIA, blood/ *MACROGLOBULINEMIA, pathology/ MALE

8725. **Staal GE, Akkerman JW, Eggermont E, et al:** A new variant of glucosephosphate isomerase deficiency: GPI-Kortrijk. Clin Chim Acta 78(1):121–7, 1 Jul 77
BLOOD PLATELETS, enzymology/ BLOOD PROTEIN ELECTROPHORESIS/ CASE REPORT/ CHILD/ ELECTROPHORESIS, STARCH GEL/ ERYTHROCYTES, enzymology/ FEMALE/ GENOTYPE/ GLUCOSEPHOSPHATE ISOMERASE, blood/ *GLUCOSEPHOSPHATE ISOMERASE, deficiency/ GLYCOLYSIS/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LEUKOCYTES, enzymology/ MALE

8726. **Stableforth P, Tamagnini GL, Dormandy KM:** Acquired von Willebrand syndrome with inhibitors both to factor VIII clotting activity and ristocetin-induced platelet aggregation. Br J Haematol 33(4):565–73, Aug 76
AGED/ ANTIBODIES, analysis/ ANTIGENS, analysis/ BLOOD COAGULATION TESTS/ CASE REPORT/ CRYOGLOBULINS, therapeutic use/ *FACTOR VIII, immunology/ FEMALE/ HEMOPHILIA, immunology/ HUMAN/ MALE/ MIDDLE AGE/ PLASMAPHERESIS/ *PLATELET AGGREGATION/ PRECIPITATION/ *RISTOCETIN, pharmacodynamics/ *VON WILLEBRAND'S DISEASE, immunology

8727. **Staessen AJ:** Treatment of circulatory disturbances with flunarizine and cinnarizine. Vasa 6(1):59–71, 1977
*BLOOD COAGULATION DISORDERS, drug therapy/ *CEREBROVASCULAR DISORDERS, drug therapy/ CINNARIZINE, analogs & derivatives/ *CINNARIZINE, therapeutic use/ DRUG EVALUATION/ FEMALE/ HUMAN/ MALE/ *PIPERAZINES, therapeutic use

8728. **Stafford BT, Rapaport SI, Shen SM:** Effects of endotoxin in cortisone-treated rabbits with a hereditary deficiency of the sixth component of complement (C6 deficiency). Thromb Haemostas 35(2):460–71, 30 Apr 76
AGRANULOCYTOSIS, chemically induced/ ANIMAL/ *COMPLEMENT 6, deficiency/ *COMPLEMENT, deficiency/ CORTISONE/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ *ENDOTOXINS, pharmacodynamics/ FACTOR VIII, metabolism/ FIBRINOGEN, metabolism/ MALE/ SHWARTZMAN PHENOMENON, chemically induced/ THROMBOPENIA, chemically induced

8729. **Stahl D, Thomsen K, Hou-Jensen K:** Degos' disease treated with platelet-suppressive drugs [letter] Lancet 2(8027):46–7, 2 Jul 77
ADULT/ *ASPIRIN, therapeutic use/ CASE REPORT/ *DIPYRIDAMOLE, therapeutic use/ DRUG THERAPY, COMBINATION/ HUMAN/

MALE/ *SKIN DISEASES, drug therapy/ SKIN, blood supply/ SYNDROME/ *THROMBOSIS, drug therapy

8730. **Stahl SM:** The human platelet. A diagnostic and research tool for the study of biogenic amines in psychiatric and neurologic disorders. Arch Gen Psychiatry 34(5):509–16, May 77 (126 ref.)
AFFECTIVE DISTURBANCES, metabolism/ AUTISM, EARLY INFANTILE, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE/ *BLOOD PLATELETS, metabolism/ CELL MEMBRANE PERMEABILITY/ DOWN'S SYNDROME, metabolism/ HUMAN/ HUNTINGTON CHOREA, metabolism/ *MENTAL DISORDERS, metabolism/ MENTAL RETARDATION, metabolism/ MIGRAINE, metabolism/ MINIMAL BRAIN DYSFUNCTION, metabolism/ MUSCULAR DYSTROPHY, metabolism/ *NERVOUS SYSTEM DISEASES, metabolism/ PARKINSONISM, metabolism/ RECEPTORS, SEROTONIN/ REVIEW/ SCHIZOPHRENIA, metabolism/ *SEROTONIN, metabolism/ SYNAPTOSOMES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8731. **Stahly TL, Tench WD:** Lung entrapment and infarction by chest tube suction. Radiology 122(2):307–9, Feb 77
AGED/ CASE REPORT/ HUMAN/ *INTUBATION, adverse effects/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, radiography/ *SUCTION, adverse effects/ THORAX

8732. **Stalker AL:** Fibrin deposition in pregnancy. J Clin Pathol [Suppl] (10):70–6, 1976
BLOOD COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ECLAMPSIA, blood/ FEMALE/ *FIBRIN, physiology/ FIBRINOLYSIS/ HISTOCYTOCHEMISTRY/ HUMAN/ LABOR/ PRE-ECLAMPSIA, blood/ *PREGNANCY

8733. **Stallcup WB:** Specificity of adhesion between cloned neural cell lines. Brain Res 126(3):475–86, 13 May 77
ANIMAL/ *CELL ADHESION/ CELL LINE/ CELL MEMBRANE, analysis/ CLONE CELLS, physiology/ IN VITRO/ NEURONS, drug effects/ *NEURONS, physiology/ TIME FACTORS/ TRYPSIN, pharmacodynamics

8734. **Stamatakis JD, Kakkar VV, Sagar S, et al:** Femoral vein thrombosis and total hip replacement. Br Med J 2(6081):223–5, 23 Jul 77
*FEMORAL VEIN/ FEMORAL VEIN, pathology/ FEMORAL VEIN, radiography/ *HIP JOINT, surgery/ HUMAN/ *JOINT PROSTHESIS, adverse effects/ PHLEBOGRAPHY/ *THROMBOSIS, etiology

8735. **Stamler FW:** Disseminated intravascular coagulation induced by progesterone in the pregnant rat. Prevention by estogens. Am J Pathol 86(3):603–22, Mar 77
ANIMAL/ ASPIRIN, pharmacodynamics/ BISHYDROXYCOUMARIN, therapeutic use/ CORTISONE, therapeutic use/ DIET/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, mortality/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ *ESTROGENS, therapeutic use/ FEMALE/ HEPARIN, therapeutic use/ PENICILLINS, therapeutic use/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY/ *PREGNANCY, PROLONGED/ PROGESTERONE/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WATER

8736. **Stamm H:** Thromboseprophylaxe in Gynäkologie und Geburtshilfe Ther Umsch 34(5):368–72, May 77 (Eng. Abstr.) **(Ger)**
*ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ GYNECOLOGIC DISEASES, surgery/ HUMAN/ *LABOR COMPLICATIONS, prevention & control/ METHODS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, prevention & control/ PREGNANCY/ PULMONARY EMBOLISM, prevention & control/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control

8737. **Stampe D:** Technische Probleme der Thrombozytenkonzentratherstellung und ihre klinische Bedeutung. Infusionsther Klin Ernaehr 4(3):152–6, Jun 77 (Eng. Abstr.) **(Ger)**
ABO BLOOD-GROUP SYSTEM/ BLOOD PLATELETS, physiology/ *BLOOD PLATELETS, transplantation/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, methods/ CENTRIFUGATION/ ENGLISH ABSTRACT/ HUMAN/ PLATELET AGGREGATION/ TEMPERATURE/ TRANSPLANTATION, HOMOLOGOUS

8738. **Stampfel G:** Traumatisch bedingte Durchblutungsstörungen der Karotiden und ihre Differentialdiagnose Fortschr Geb Roentgenstr Nuklearmed 126(2):134–40, Feb 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ CAROTID ARTERIES, injuries/ *CAROTID ARTERY THROMBOSIS, radiography/ *CAROTID ARTERY, INTERNAL, radiography/ CEREBRAL ARTERIOSCLEROSIS, complications/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ THROMBOEMBOLISM, complications/ TIME FACTORS

8739. **Stangel JJ, Innerfield I, Reyniak JV, et al:** The effect of conjugated estrogens on coagulability in menopausal women. Obstet Gynecol 49(3):314–6, Mar 77
ADULT/ AGED/ ANTITHROMBINS, diagnostic use/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ ESTROGENIC SUBSTANCES, CONJUGATED, adverse effects/ *ESTROGENIC SUBSTANCES, CONJUGATED, pharmacodynamics/ ESTROGENIC SUBSTANCES, CONJUGATED, therapeutic use/ FEMALE/ HEPARIN, diagnostic use/ HUMAN/ *MENOPAUSE, drug effects/ MIDDLE AGE

8740. **Stankiewicz S, Jaśkiewicz A, Lukieńczuk T:** Stłuczenie płuca w obrazie radiologicznym. Pol Przegl Radiol 41(2):123–6, Mar–Apr 77 (Eng. Abstr.) **(Pol)**
ADULT/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, etiology/ HUMAN/ *LUNG DISEASES, etiology/ MALE/ *THORACIC INJURIES, complications/ THORACIC RADIOGRAPHY/ WOUNDS, NONPENETRATING, complications

8741. **Stanley P:** Total body opacification and the adrenal [letter]. Pediatr Radiol 5(1):58, 26 Oct 76
ABSCESS, radiography/ *ADRENAL GLAND DISEASES, radiography/ CONTRAST MEDIA/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, radiography/ HEMORRHAGE, radiography/ HUMAN/ NECROSIS, radiography

8742. **Stanley P, Gates GF, Eto RT, et al:** Hepatic cavernous hemangiomas and hemangioendotheliomas in infancy. AJR 129(2):317–21, Aug 77
ANGIOGRAPHY/ CASE REPORT/ FEMALE/ HEMANGIOENDOTHELIOMA, blood supply/ HEMANGIOENDOTHELIOMA, diagnosis/ *HEMANGIOENDOTHELIOMA, radiography/ HEMANGIOMA, CAVERNOUS, blood supply/ HEMANGIOMA, CAVERNOUS, diagnosis/ *HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIVER NEOPLASMS, blood supply/ LIVER NEOPLASMS, diagnosis/ *LIVER NEOPLASMS, radiography/ MALE/ RADIONUCLIDE IMAGING

8743. **Stanton PE Jr, Lamis PA, Gross WS, et al:** Correction of late aortic-bifemoral graft failures. Am Surg 43(8):497–502, Aug 77
*AORTA, ABDOMINAL, surgery/ ARTERIAL OCCLUSIVE DISEASES, surgery/ *BLOOD VESSEL PROSTHESIS/ *FEMORAL ARTERY, surgery/ HUMAN/ ISCHEMIA, surgery/ LEG, blood supply/ *POSTOPERATIVE COMPLICATIONS, surgery/ THROMBOSIS, surgery

8744. **Stanulla H, Wilde J:** Analyse postoperativer Todersfälle

nach Lungenresektionen wegen Bronchialkarzinom. Zentralbl Chir 102(10):624–8, 1977 (Eng. Abstr.) **(Ger)**
*ADENOCARCINOMA, mortality/ ADULT/ AGED/ *BRONCHIAL NEOPLASMS, mortality/ BRONCHIAL NEOPLASMS, surgery/ *CARCINOMA, mortality/ CARCINOMA, surgery/ *CARCINOMA, BRONCHIOLAR, mortality/ CARCINOMA, BRONCHIOLAR, surgery/ *CARCINOMA, EPIDERMOID, mortality/ CARCINOMA, EPIDERMOID, surgery/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, EAST/ HUMAN/ MALE/ MIDDLE AGE/ PEPTIC ULCER HEMORRHAGE, mortality/ *PNEUMONECTOMY/ PNEUMONIA, mortality/ *POSTOPERATIVE COMPLICATIONS, mortality/ PULMONARY EMBOLISM, mortality/ PULMONARY HEART DISEASE, mortality/ RESPIRATORY INSUFFICIENCY, mortality

8745. **Stanworth DR, Stewart GA:** Biological activities located within the Fc region of immunoglobulins. pp. 7–24. In: Hemmings WA, ed. Maternofoetal transmission of immunoglobulins. London, Cambridge Univ Press, 1976. W3 C162G v.2 1974.
AMINO ACID SEQUENCE/ ANTIGEN-ANTIBODY REACTIONS/ BINDING SITES/ CELL SURVIVAL/ COMPLEMENT 1, metabolism/ CYANOGEN BROMIDE/ FEMALE/ HISTAMINE LIBERATION/ HUMAN/ HYDROLYSIS/ IGG/ *IMMUNOGLOBULINS, FC/ *LYMPHOCYTES, immunology/ *MACROPHAGES, immunology/ *MAST CELLS, immunology/ MATERNAL-FETAL EXCHANGE/ MODELS, BIOLOGICAL/ MONOGRAPH/ PEPTIDE HYDROLASES/ PHAGOCYTOSIS/ PREGNANCY/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP

8746. **Starek PJ, McLaurin LP, Wilcox BR, et al:** Clinical evaluation of the Lillehei-Kaster pivoting-disc valve. Ann Thorac Surg 22(4):362–8, Oct 76
ADOLESCENCE/ ADULT/ AGED/ *AORTIC VALVE/ COMPARATIVE STUDY/ FEMALE/ FOLLOW-UP STUDIES/ HEART VALVE PROSTHESIS, adverse effects/ *HEART VALVE PROSTHESIS, instrumentation/ HEART VALVE PROSTHESIS, mortality/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE/ MITRAL VALVE, anatomy & histology/ SUTURE TECHNICS/ THROMBOSIS, etiology

8747. **Stark RB:** A rhytidectomy series. Plast Reconstr Surg 59(3):373–8, Mar 77
ALOPECIA, etiology/ EAR DEFORMITIES, ACQUIRED, etiology/ *FACE, surgery/ HEMATOMA, etiology/ HUMAN/ SKIN, surgery/ *SURGERY, PLASTIC/ SURGERY, PLASTIC, adverse effects

8748. **Starkey PM, Barrett AJ, Burleigh MC:** The degradation of articular collagen by neutrophil proteinases. Biochim Biophys Acta 483(2):386–97, 11 Aug 77
ACHILLES TENDON, metabolism/ ANIMAL/ CARTILAGE, ARTICULAR, metabolism/ *CATHEPSIN, blood/ *COLLAGEN, metabolism/ COMPARATIVE STUDY/ HUMAN/ JOINTS/ LARYNGEAL CARTILAGES, metabolism/ MODELS, BIOLOGICAL/ *NEUTROPHILS, enzymology/ *PANCREATOPEPTIDASE, blood/ PROTEOGLYCANS, metabolism/ RABBITS/ SKIN/ SWINE/ TRYPSIN

8749. **Staroslawski R:** W sprawie zrostów trzewnych Pol Przegl Chir 49(10):1227–31, Oct 76 **(Pol)**
*ADHESIONS/ FIBRIN, metabolism/ *GASTROINTESTINAL DISEASES/ GASTROINTESTINAL DISEASES, etiology/ HUMAN/ PERITONEAL DISEASES, blood/ PERITONEUM, blood supply/ *PERITONEUM, injuries

8750. **Starovoĭtova LP, Tarasov NF, Kulakov VN, et al:** Eksperimental'noe izuchenie mechennykh 131I ingibitorov proteoliticheskikh fermentov. Med Radiol (Mosk) 22(5):40–9, May 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ CHLORMERODRIN, pharmacodynamics/ COMPARATIVE STUDY/ DOGS/ ENGLISH ABSTRACT/ ENZYME INHIBITORS, metabolism/ *IODINE RADIOISOTOPES/ KIDNEY/ MERCURY RADIOISOTOPES/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RABBITS/ RADIONUCLIDE IMAGING/ RATS/ SCINTILLATION COUNTERS/ TIME FACTORS

8751. **Starr A, Grunkemeier G, Lambert L, et al:** Mitral valve replacement: a 10-year follow-up of non-cloth-covered vs. cloth-covered caged-ball prostheses. Circulation 54(6 suppl 3):III47–56, Dec 76
COMPARATIVE STUDY/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, instrumentation/ HEART VALVE PROSTHESIS, mortality/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE, surgery/ PROSTHESIS DESIGN/ THROMBOEMBOLISM, etiology

8752. **Starr A, Grunkemeier GL, Lambert LE, et al:** Aortic valve replacement: a ten-year follow-up of non-cloth-covered vs cloth-covered caged-ball prostheses. Circulation 56(3 Pt 2 Suppl):II133–9, Sep 77
*AORTIC VALVE/ COMPARATIVE STUDY/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS, mortality/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, mortality/ PROSTHESIS DESIGN/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, mortality/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8753. **Starzewski J, Drzewiecki J, Wieczorek Z, et al:** Sączkowanie rany w operacji swzczepienia sztucznego roxrusznika serca Wiad Lek 30(1):1–3, 1 Jan 77 (Eng. Abstr.) **(Pol)**
ADULT/ AGED/ *DRAINAGE/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, prevention & control/ HUMAN/ MALE/ MIDDLE AGE/ *PACEMAKER, ARTIFICIAL/ *SURGICAL WOUND INFECTION, prevention & control

8754. **Starzl TE, Putnam CW:** Surgical approaches to primary and metastatic liver neoplasms. Int J Radiat Oncol Biol Phys 1(9–10):959–64, Sep-Oct 76
ADOLESCENCE/ ALPHA FETOPROTEINS, analysis/ CHOLANGIOMA, surgery/ COLONIC NEOPLASMS, diagnosis/ COLONIC NEOPLASMS, surgery/ FEMALE/ HEMANGIOENDOTHELIOMA, surgery/ HEPATECTOMY/ HEPATOMA, diagnosis/ *HEPATOMA, surgery/ HUMAN/ LIVER NEOPLASMS, diagnosis/ *LIVER NEOPLASMS, surgery/ LIVER, transplantation/ NEOPLASM METASTASIS/ TRANSPLANTATION, HOMOLOGOUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8755. **Stasiewicz J, Gabryelewicz A:** Wpływ pokarmu na zewnątrzwydzielniczą funkcję trzustki Pol Arch Med Wewn 57(1):63–70, Jan 77 (75 ref.) **(Pol)**
ADAPTATION, PHYSIOLOGICAL/ AMYLASE, metabolism/ ANIMAL/ DIETARY CARBOHYDRATES, administration & dosage/ DIETARY FATS, administration & dosage/ DIETARY PROTEINS, administration & dosage/ DOGS/ EATING/ *FOOD/ HUMAN/ LIPASE, metabolism/ PANCREAS, enzymology/ PANCREAS, physiology/ *PANCREAS, secretion/ PANCREATIC JUICE, enzymology/ RATS/ REVIEW/ SOMATOTROPIN RELEASE INHIBITING HORMONE, physiology/ TRYPSIN, metabolism

8756. **Stasiw DM, Puccini C, Cerny LC, et al:** Some hemorheological and hematological parameters in heterozygous beta-thalassemia. Biorheology 14(1):1–10, 77
BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ ERYTHROCYTE COUNT/ FEMALE/ HEMATOCRIT/ HEMOGLOBIN A, analysis/ HETEROZYGOTE/ HUMAN/ MALE/ MASS SCREENING/ OSMOTIC FRAGILITY/ *THALASSEMIA, diagnosis/ THALASSEMIA,

occurrence

8757. **Stathakis NE, Economopoulos TC, Papayannis AG, et al:** Platelet function, blood coagulation and fibrinolysis in Behcet's syndrome. Blut 34(3):215–22, Mar 77
ADENOSINE DIPHOSPHATE, blood/ ADULT/ *BEHCET'S SYNDROME, blood/ *BLOOD COAGULATION/ *BLOOD PLATELETS, physiology/ FACTOR VIII, analysis/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION/ PLATELET FACTOR 4, analysis/ THROMBOSIS, blood

8758. **Stathakis NE, Papayannis AG, Antonopoulos M, et al:** Familial thrombosis due to antithrombin III deficiency in a Greek family. Acta Haematol (Basel) 57(1):47–54, 1977
ADULT/ ALPHA MACROGLOBULINS, analysis/ ALPHA 1-ANTITRYPSIN, analysis/ ANTITHROMBINS, analysis/ *ANTITHROMBINS, deficiency/ FEMALE/ HEPARIN CO-FACTOR, analysis/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOPHLEBITIS, blood/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, familial & genetic

8759. **Stathakis NE, Mosesson MW:** Interactions among heparin, cold-insoluble globulin, and fibrinogen in formation of the heparin-precipitable fraction of plasma. J Clin Invest 60(4):855–65, Oct 77
CALCIUM, pharmacodynamics/ CHROMATOGRAPHY, AFFINITY/ *CRYOGLOBULINS/ CRYOGLOBULINS, isolation & purification/ CRYOGLOBULINS, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FIBRINOGEN/ FIBRINOGEN, metabolism/ *HEPARIN/ HEPARIN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OSMOLAR CONCENTRATION/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8760. **Staub NC, Ohkuda K, Nakahara K, et al:** Effects of microemboli on lung fluid balance in anesthetized sheep. Chest 71(2 suppl):301–3, Feb 77
ANIMAL/ *LUNG, physiopathology/ LYMPH, physiology/ *PULMONARY EMBOLISM, physiopathology/ SHEEP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WATER-ELECTROLYTE BALANCE

8761. **Staudenmayer N, Ng S, Smith MB, et al:** Effect of specific trifluoroacetylation of individual cytochrome c lysines on the reaction with cytochrome oxidase. Biochemistry 16(4):600–4, 22 Feb 77
BINDING SITES/ *CYTOCHROME C/ *CYTOCHROME OXIDASE/ CYTOCHROME OXIDASE, metabolism/ HORSES/ KINETICS/ LYSINE/ MYOCARDIUM, enzymology/ NUCLEAR MAGNETIC RESONANCE/ OXIDATION-REDUCTION/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ TRIFLUOROACETIC ACID/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8762. **Stavem P, Kjaerheim A:** In vitro platelet stain preventing (degranulating) effect of various substances. Study of mechanism of action. Scand J Haematol 18(2):170–6, Feb 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ANTICOAGULANTS, pharmacodynamics/ BLOOD PLATELET DISORDERS, blood/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, ultrastructure/ COLLAGEN, pharmacodynamics/ EDTA, pharmacodynamics/ ELECTROLYTES, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ ISOANTIBODIES/ LEIOMYOSARCOMA, blood/ PROSTAGLANDINS E, pharmacodynamics/ STAINS AND STAINING/ THROMBIN, pharmacodynamics/ TRYPSIN, pharmacodynamics

8763. **Stavorovsky M, Iellin A, David M, et al:** Midgut volvulus with secondary thrombosis of superior mesenteric vessels in a pregnant woman. Surgery 81(3):353–6, Mar 77
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ INTESTINAL OBSTRUCTION, complications/ *INTESTINAL OBSTRUCTION, surgery/ MESENTERIC ARTERIES, surgery/ *MESENTERIC VASCULAR OCCLUSION, surgery/ MESENTERIC VEINS, surgery/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, surgery/ PREGNANCY/ THROMBOSIS, etiology/ *THROMBOSIS, surgery

8764. **Stavskaia EA, Gasanov DG:** Gemangioma pecheni u rebenka 3 mesiatsev Vestn Khir 117(8):73–4, Aug 76 **(Rus)**
CASE REPORT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HUMAN/ INFANT/ *LIVER NEOPLASMS/ LIVER NEOPLASMS, diagnosis

8765. **Stead N, Kaplan AP, Rosenberg RD:** Inhibition of activated factor XII by antithrombin-heparin cofactor. J Biol Chem 251(21):6481–8, 10 Nov 76
*ALPHA GLOBULINS, pharmacodynamics/ ENZYME ACTIVATION/ FACTOR XII, antagonists & inhibitors/ FACTOR XII, isolation & purification/ *FACTOR XII, metabolism/ *HEPARIN CO-FACTOR, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ KINETICS/ KININS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8766. **Steahly LP, Almquist HT:** Steroid treatment of an orbital or periocular hemangioma. J Pediatr Ophthalmol 14(1):35–7, Jan-Feb 77
CASE REPORT/ FEMALE/ *HEMANGIOMA, drug therapy/ HEMANGIOMA, radiography/ HUMAN/ INFANT/ *ORBITAL NEOPLASMS, drug therapy/ ORBITAL NEOPLASMS, radiography/ *PREDNISONE, therapeutic use

8767. **Steel EG, Witzel DA, Blanks A:** Acquired coagulation factor X activity deficiency connected with Hymenoxys odorata DC (Compositae), bitterweed poisoning in sheep. Am J Vet Res 37(12):1383–6, Dec 76
ANIMAL/ BLOOD COAGULATION TESTS/ FACTOR V, analysis/ FACTOR X DEFICIENCY, blood/ FACTOR X DEFICIENCY, etiology/ *FACTOR X DEFICIENCY, veterinary/ FEMALE/ *HYPOPROTHROMBINEMIAS, veterinary/ PLANT POISONING, blood/ PLANT POISONING, complications/ *PLANT POISONING, veterinary/ PROTHROMBIN TIME/ *SHEEP DISEASES, etiology/ SHEEP DISEASES, blood/ SHEEP

8768. **Steele JA, Uchytil TF, Durbin RD:** The binding of tentoxin to a tryptic digest of chloroplast coupling factor 1. Biochim Biophys Acta 459(3):347–50, 11 Mar 77
ADENOSINE TRIPHOSPHATASE, metabolism/ BINDING SITES/ CALCIUM, pharmacodynamics/ CHLOROPLASTS, drug effects/ *CHLOROPLASTS, metabolism/ ENZYME ACTIVATION, drug effects/ *MYCOTOXINS/ MYCOTOXINS, metabolism/ MYCOTOXINS, pharmacodynamics/ PEPTIDE FRAGMENTS/ *PLANT PROTEINS/ PLANT PROTEINS, metabolism/ PLANTS/ PROTEIN BINDING/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8769. **Steele P, Ellis JH Jr, Weily HS, et al:** Platelet survival time in patients with hypoxemia and pulmonary hypertension. Circulation 55(4):660–1, Apr 77
*ANOXEMIA, blood/ ANOXEMIA, complications/ ANOXEMIA, drug therapy/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ CELL SURVIVAL/ FEMALE/ HUMAN/ *HYPERTENSION, PULMONARY, blood/ HYPERTENSION, PULMONARY, complications/ HYPERTENSION, PULMONARY, drug therapy/ MALE/ OXYGEN, blood/ SULFINPYRAZONE, therapeutic use/ THROMBOSIS, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8770. **Steele P, Carroll J, Overfield D, et al:** Effect of sulfinpyrazone on platelet survival time in patients with transient cerebral ischemic attacks. Stroke 8(3):396–8, May-Jun 77
ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ *CELL SURVIVAL, drug effects/ *CEREBRAL ISCHEMIA,

TRANSIENT, drug therapy/ CEREBROVASCULAR DISORDERS, prevention & control/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *SULFINPYRAZONE, pharmacodynamics

8771. **Steer ML, Glazer G:** Parallel secretion of digestive enzymes by the in vitro rabbit pancreas. Am J Physiol (6):1860–5, 231
*AMYLASE, secretion/ ANIMAL/ CHOLECYSTOKININ, pharmacodynamics/ *CHYMOTRYPSINOGEN, secretion/ IN VITRO/ METHACHOLINE COMPOUNDS, pharmacodynamics/ PANCREAS, drug effects/ PANCREAS, enzymology/ *PANCREAS, secretion/ PANCREATIC JUICE, drug effects/ PANCREATIC JUICE, enzymology/ PANCREATIC JUICE, secretion/ RABBITS/ *TRYPSINOGEN, secretion/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8772. **Stefanini P, Benedetti-Valentini F Jr:** Congresso della sezione italiana dell'international college of surgeons – i Minerva Chir 31(9):401–5, 15 May 76 **(Ita)**
BLOOD VESSEL PROSTHESIS/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ LUNG NEOPLASMS, surgery/ MEDIASTINITIS, surgery/ POSTOPERATIVE COMPLICATIONS, radiography/ THROMBOPHLEBITIS, surgery/ *VENA CAVA, SUPERIOR, surgery

8773. **Stefanovic Lj:** Klinička vrednost i tehnika dijagnostike dubokih venskih tromboza donjih ekstremiteta pomocu fibrinogena obeleženog radioaktivnim jodom Med Pregl 29(9–10):441–7, 1976 (Eng. Abstr.) **(Scr)**
ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, diagnostic use/ HUMAN/ *IODINE RADIOISOTOPES, diagnostic use/ *LEG, blood supply/ *THROMBOPHLEBITIS, diagnosis

8774. **Stefanovich V:** Concerning the influence of pentoxifylline on the erythrocyte and platelet membranes. Naunyn Schmiedebergs Arch Pharmacol 297 Suppl 1:S9, 31 Mar 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *ERYTHROCYTE MEMBRANE, drug effects/ ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, drug effects/ *PENTOXIFYLLINE, pharmacodynamics/ *THEOBROMINE, analogs & derivatives

8775. **Stein AM, Fawaz K, Tabrizi A, et al:** Multifocal malignant hemangioendothelioma presenting as acute hepatitis. A clinicopathologic study. Am J Gastroenterol 67(4):370–4, Apr 77
ACUTE DISEASE/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOENDOTHELIOMA, pathology/ *HEPATITIS, diagnosis/ HUMAN/ *LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, pathology/ MIDDLE AGE/ SPLENIC NEOPLASMS, diagnosis/ SPLENIC NEOPLASMS, pathology

8776. **Stein HD, Saalfrank V, Meng CH:** Minilaparotomy as an aid to diagnosing liver disease. Surg Gynecol Obstet 145(1):49–54, Jul 77
ADULT/ CASE REPORT/ CHOLANGIOGRAPHY/ CHOLELITHIASIS, diagnosis/ FEMALE/ HEPATOMA, diagnosis/ HUMAN/ JAUNDICE, diagnosis/ *LAPAROTOMY/ *LIVER DISEASES, diagnosis/ LIVER NEOPLASMS, diagnosis/ MALE/ MIDDLE AGE/ PANCREATIC NEOPLASMS, diagnosis/ PORTAL SYSTEM, radiography/ POSTOPERATIVE COMPLICATIONS/ THROMBOSIS, diagnosis

8777. **Stein O, Chajek T, Stein Y:** Transport of lipoprotein lipase in the endothelium of rat heart. Paroi Arterielle 3(3):136, Sep 76
ANIMAL/ ENDOTHELIUM, enzymology/ *LIPOPROTEIN LIPASE, metabolism/ *MYOCARDIUM, enzymology/ RATS

8778. **Stein PD, Sabbah HN, Pitha JV:** Continuing disease process of calcific aortic stenosis. Role of microthrombi and turbulent flow. Am J Cardiol 39(2):159–63, Feb 77
ADULT/ AGED/ *AORTIC VALVE STENOSIS, etiology/ *AORTIC VALVE/ AORTIC VALVE, pathology/ *CALCINOSIS, complications/ CORONARY CIRCULATION/ HUMAN/ MIDDLE AGE/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ THROMBIN/ *THROMBOSIS, complications/ THROMBOSIS, etiology/ THROMBOSIS, pathology

8779. **Steinberg D, Khoo JC:** Hormone-sensitive lipase of adipose tissue. Fed Proc 36(7):1986–90, Jun 77 (44 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, metabolism/ ANIMAL/ ANTIGENIC DETERMINANTS/ ENZYME ACTIVATION/ FATTY ACIDS, NONESTERIFIED, blood/ FATTY ACIDS, NONESTERIFIED, metabolism/ *HORMONES, pharmacodynamics/ HUMAN/ INSULIN, pharmacodynamics/ LIPASE, immunology/ *LIPASE, metabolism/ *LIPOPROTEIN LIPASE, immunology/ LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, VLDL, metabolism/ LIVER, metabolism/ MONOACYLGLYCEROL LIPASES, metabolism/ PHOSPHATASES, metabolism/ PHOSPHOPROTEINS/ PROTEIN KINASE, metabolism/ RECEPTORS, HORMONE, metabolism/ REVIEW

8780. **Steinberg MG, Chen IW, Silberstein EB:** Physiologic and biologic behavior of autologous canine 131L-fibrinogen labeled by a chloramine-T method. J Lab Clin Med 89(5):1105–11, May 77
ANIMAL/ BLADDER, metabolism/ CHLORAMINES/ CHROMATOGRAPHY, GEL/ DOGS/ FEMALE/ *FIBRINOGEN, metabolism/ IODINE RADIOISOTOPES/ IODINE, metabolism/ *ISOTOPE LABELING/ LIVER, metabolism/ SPLEEN, metabolism/ THYROID GLAND, metabolism

8781. **Steinbuch M:** The inter-alpha-trypsin inhibitor. Methods Enzymol 45:760–72, 1976
*ALPHA GLOBULINS/ ALPHA GLOBULINS, isolation & purification/ ALPHA GLOBULINS, physiology/ AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ DRUG STABILITY/ EVALUATION STUDIES/ HUMAN/ IMMUNOELECTROPHORESIS/ METHODS/ MOLECULAR WEIGHT/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, isolation & purification

8782. **Steiner M:** Effect of thrombin on phosphorylation of platelet membrane proteins. Thromb Haemostas 35(3):635–42, 30 Jun 76
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *BLOOD PROTEINS, metabolism/ CELL MEMBRANE PERMEABILITY/ CELL MEMBRANE, drug effects/ HUMAN/ OXIDATIVE PHOSPHORYLATION, drug effects/ PHOSPHORUS RADIOISOTOPES/ PROTEIN KINASE/ *THROMBIN, pharmacodynamics/ TRYPSIN

8783. **Steinhausen HC:** Hemophilia: a psychological study in chronic disease in juveniles. J Psychosom Res 20(5):461–7, 1976
ADOLESCENCE/ CHILD/ CHRONIC DISEASE/ EXTROVERSION (PSYCHOLOGY)/ *HEMOPHILIA, complications/ HUMAN/ INTELLIGENCE/ JOINT DISEASES, complications/ MALE/ MATERNAL BEHAVIOR/ PERSONALITY DISORDERS, complications/ PERSONALITY/ PSYCHOLOGY/ SOCIAL PERCEPTION

8784. **Steinhausen HC:** Psychologie chronischer Krankheiten bei Kindern und Jugendlichen. Untersuchungen an Hämophilen, Körperbehinderten und Diabetikern Fortschr Med 95(16):1089–92, 28 Apr 77 **(Ger)**
ADOLESCENCE/ CHILD/ *DIABETES MELLITUS, JUVENILE/ FEMALE/ *HANDICAPPED/ *HEMOPHILIA/ HUMAN/ INTELLIGENCE/ MALE/ PARENT-CHILD RELATIONS/ PERSONALITY ASSESSMENT/

PERSONALITY INVENTORY/ PSYCHOLOGICAL TESTS/ PSYCHOLOGY

8785. **Steinhausen HC:** Krankheitsstatus und soziale Situation erwachsener Patienten mit Hämophilie Fortschr Med 95(18):1231–4, 12 May 77 (Eng. Abstr.) **(Ger)**
EDUCATIONAL STATUS/ ENGLISH ABSTRACT/ FACTOR VIII, analysis/ FAMILY CHARACTERISTICS/ HANDICAPPED/ *HEMOPHILIA/ HEMORRHAGE, etiology/ HOSPITALIZATION/ HUMAN/ LEISURE ACTIVITIES/ SOCIAL ADJUSTMENT/ WORK

8786. **Steinhausen HC:** Soziale Entwicklung und Krankheitsverlauf bei Jungen mit Hämophilie. Klin Paediatr 189(3):229–33, May 77 (Eng. Abstr.)**(Ger)**
ADOLESCENCE/ CHILD DEVELOPMENT/ CHILD/ ENGLISH ABSTRACT/ *HEMOPHILIA, diagnosis/ HUMAN/ LEISURE ACTIVITIES/ MALE/ QUESTIONNAIRES/ SCHOOLS

8787. **Steinmetz M, Kunst F, Dedonder R:** Mapping of mutations affecting synthesis of exocellular enzymes in Bacillus subtilis. Identity of the sacUh, amyB and pap mutations. Mol Gen Genet 148(3):281–5, 17 Nov 76
*AMYLASE, biosynthesis/ *BACILLUS SUBTILIS, enzymology/ CHROMOSOME MAPPING/ CHROMOSOMES, BACTERIAL/ FLAGELLA, ultrastructure/ GENES, STRUCTURAL/ *MUTATION/ *PEPTIDE HYDROLASES, biosynthesis/ PHENOTYPE/ *SUCRASE, biosynthesis

8788. **Steinway DM, Fretzin DF:** Acquired zosteriform cavernous hemangiomas: brief clinical observation [letter]. Arch Dermatol 113(6):848–9, Jun 77
BIOPSY, NEEDLE/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, pathology/ *HERPES ZOSTER, diagnosis/ HERPES ZOSTER, pathology/ HUMAN/ MALE/ MIDDLE AGE

8789. **Stemberger A, Hörmann H:** Affinity chromatography on immobilized fibrinogen and fibrin monomer, II. The behavior of cold-insoluble globulin [1]. Hoppe Seylers Z Physiol Chem 357(7):1003–5, Jul 76
CHROMATOGRAPHY, AFFINITY/ ELECTROPHORESIS/ FIBRIN/ FIBRINOGEN/ GEL DIFFUSION TESTS/ *GLOBULINS, isolation & purification/ OXIDATION-REDUCTION

8790. **Stemberger A, Hafter R, Graeff H, et al:** Estrogen incubation of fibrinogen: failure to demonstrate soluble fibrin monomer complexes. Thromb Res 9(3):233–9, Sep 76
CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ *ESTROGENS, metabolism/ ETHINYL ESTRADIOL, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ THROMBIN, metabolism

8791. **Stemberger A, Jilek F:** Rat fibrinogen reveals similarities to human fibrinogen of relatively high solubility. Thromb Res 9(6):657–60, Dec 76
ANIMAL/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, analysis/ HUMAN/ RATS/ SOLUBILITY

8792. **Stenbjerg S, Jorgensen J:** Disseminated intravascular coagulation and infusion of factor-VIII-inhibitor bypassing activity [letter]. Lancet 1(8007):360, 12 Feb 77
BLOOD COAGULATION TESTS/ CRYOGLOBULINS, administration & dosage/ CRYOGLOBULINS, adverse effects/ CRYOGLOBULINS, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR VIII, antagonists & inhibitors/ HEMOPHILIA, blood/ *HEMOPHILIA, therapy/ HUMAN/ INFUSIONS, PARENTERAL

8793. **Stenbjerg S, Jorgensen J:** Resistance to activated F IX concentrate (FEIBA). Scand J Haematol 18(5):421–6, May 77
ANTITHROMBINS, blood/ CASE REPORT/ CHILD/ FACTOR IX, analysis/ *FACTOR IX, therapeutic use/ FACTOR VIII, antagonists & inhibitors/ HEMOPHILIA, blood/ *HEMOPHILIA, therapy/ HUMAN/ INFUSIONS, PARENTERAL/ MALE

8794. **Stenflo J:** Vitamin K, prothrombin and gamma-carboxyglutamic acid [editorial]. N Engl J Med 296(11):624–6, 17 Mar 77
ANIMAL/ *BLOOD COAGULATION/ CATTLE/ *GLUTAMATES, metabolism/ HUMAN/ LIVER, metabolism/ *PROTHROMBIN, metabolism/ RATS/ VITAMIN K DEFICIENCY/ *VITAMIN K, physiology

8795. **Stenflo J, Suttie JW:** Vitamin K-dependent formation of gamma-carboxyglutamic acid. Annu Rev Biochem 46:157–72, 1977 (113 ref.)
AMINO ACID SEQUENCE/ ANIMAL/ BLOOD PROTEINS/ COUMARINS, pharmacodynamics/ EPOXY COMPOUNDS, metabolism/ FACTOR IX/ FACTOR VII/ FACTOR X/ *GLUTAMATES, biosynthesis/ HUMAN/ LIVER, metabolism/ PEPTIDE FRAGMENTS/ PROTHROMBIN, biosynthesis/ PROTHROMBIN, physiology/ REVIEW/ *VITAMIN K, physiology

8796. **Stenzel P, Brimhall B:** Preliminary survey of carnivore hemoglobin compositions. Conclusions. J Mol Evol 9(3):273–8, 13 May 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *CARNIVORA, blood/ COMPARATIVE STUDY/ *EVOLUTION/ *HEMOGLOBINS/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ TRYPSIN

8797. **Stepananko AP, Romaniuk NI:** Osobennosti podgotovki i khirurgicheskogo lecheniia bol'nykh zobom, sochetaiushchimsia s bolezn'iu Verl'gofa Klin Khir (2):89–90, Feb 77 **(Rus)**
ADULT/ CASE REPORT/ FEMALE/ *GOITER, NODULAR, surgery/ HUMAN/ *PREOPERATIVE CARE/ *PURPURA, THROMBOPENIC, surgery

8798. **Stepankivskaia GK, Bogdanova GIu, Ivchenko VN:** Obhruntuvannia patohenetychnoho likuvannia piznykh toksykoziv vahitnykh. Pediatr Akush Ginekol (1):38–42, Jan–Feb 77 **(Ukr)**
BLOOD PRESSURE/ DEXTRAN, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ DRUG THERAPY, COMBINATION/ FEMALE/ HEMODYNAMICS, drug effects/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY DISEASES, physiopathology/ KIDNEY, blood supply/ LIVER CIRCULATION/ MANNITOL, therapeutic use/ PLASMA SUBSTITUTES, therapeutic use/ *PREGNANCY TOXEMIAS, drug therapy/ PREGNANCY TOXEMIAS, etiology/ PREGNANCY TOXEMIAS, physiopathology/ PREGNANCY/ WATER-ELECTROLYTE BALANCE

8799. **Stepanov GA, Rudol'fi VA, Arber ES:** Ob operativnom lechenii ostrogo tromboflebita varikoznykh ven nizhnikh konechnosteĭ Sov Med (3):100–2, Mar 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADULT/ AGED/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEG, surgery/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, surgery/ *VARICOSE VEINS, surgery

8800. **Stepanov VM, Strongin AY, Izotova LS, et al:** Intracellular serine protease from Bacillus subtilis. Structural comparison with extracellular serine proteases-subtilisins. Biochem Biophys Res Commun 77(1):298–305, 11 Jul 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BACILLUS SUBTILIS, enzymology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ *SUBTILISINS/ SUBTILISINS, isolation & purification/ SUBTILISINS, metabolism

8801. **Stepanova TsN, Maksimova RA, Iulikova EP, et al:** Fraktsionirovanie preparata fibrinoliticheskikh fermentov 'trikholizina', obrazuemogo Trichothecium roseum Lk. ex. Fr. na karboksimetil-sefadekse C-50 Prikl Biokhim Mikrobiol 12(3):407–10, May–Jun 76 (Eng. Abstr.) **(Rus)**

CHROMATOGRAPHY, GEL/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, analysis/ *MONILIALES, enzymology

8802. **Stepanova TsN, Iulikova EP, Maksimova RA, et al:** Fraktsionirovanie 'trikholizina' metodom izoelektricheskogo fokusirovaniia Biokhimiia 42(1):167–70, Jan 77 (Eng. Abstr.) **(Rus)**
AMINO ACIDS, analysis/ CHEMISTRY/ ENGLISH ABSTRACT/ *ENZYMES, isolation & purification/ ESTERASES, isolation & purification/ *FIBRINOLYTIC AGENTS, isolation & purification/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ MONILIALES/ PLASMINOGEN ACTIVATORS, isolation & purification

8803. **Stephen M, Loewenthal J, Wong J, et al:** Complications of intravenous therapy. Med J Aust 2(15):557–9, 9 Oct 76
ANTIBIOTICS, adverse effects/ BACTERIA, isolation & purification/ CANDIDA ALBICANS, isolation & purification/ CATHETERIZATION, instrumentation/ HUMAN/ *INFUSIONS, PARENTERAL, adverse effects/ POTASSIUM, adverse effects/ PREOPERATIVE CARE, methods/ SEPTICEMIA, occurrence/ SKIN/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, occurrence/ TIME FACTORS

8804. **Stern W, Pogo BG, Dales S:** Biogenesis of poxviruses: analysis of the morphogenetic sequence using a conditional lethal mutant defective in envelope self-assembly. Proc Natl Acad Sci USA 74(5):2162–6, May 77
DEOXYRIBONUCLEASE, metabolism/ DNA, VIRAL, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MEMBRANES, ultrastructure/ MOLECULAR WEIGHT/ *MORPHOGENESIS/ MUTATION/ PEPTIDE HYDROLASES, metabolism/ PHOSPHATASES, metabolism/ RNA POLYMERASES, metabolism/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VACCINIA VIRUS, enzymology/ *VACCINIA VIRUS, growth & development/ VACCINIA VIRUS, ultrastructure/ VIRAL PROTEINS, biosynthesis/ *VIRAL PROTEINS, metabolism

8805. **Sternon J:** Thromboses artérielles et anti-agrégants plaquettaires Brux Med 56(9):369–74, Sep 76 (Eng. Abstr.) **(Fre)**
*ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ *PLATELET AGGREGATION/ THROMBOSIS, blood/ *THROMBOSIS, drug therapy

8806. **Steuber U:** Arthro-Menthoneur in Gel zur Behandlung von Erkrankungen des Bewegungsapparates Munch Med Wochenschr 118(44):1433–4, 29 Oct 76 **(Ger)**
ADMINISTRATION, TOPICAL/ ADOLESCENCE/ ADULT/ AGED/ DRUG COMBINATIONS/ DRUG EVALUATION/ FEMALE/ GELS/ HEPARIN, therapeutic use/ HUMAN/ *JOINT DISEASES, drug therapy/ MALE/ MIDDLE AGE/ NICOTINIC ACIDS, therapeutic use/ *RHEUMATISM, drug therapy/ SALICYLIC ACIDS, therapeutic use/ SCIATICA, drug therapy

8807. **Steven FS, Milsom DW, Hunter JA:** Human-polymorphonuclear-leucocyte neutral protease and its inhibitor. Studies with fluorescein-labelled polymeric collagen fibrils as a substrate. Eur J Biochem 67(1):165–9, 1 AUG 76
*COLLAGEN/ FLUORESCEINS/ HUMAN/ KINETICS/ *NEUTROPHILS, enzymology/ NEUTROPHILS, physiology/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN BINDING/ TRYPSIN INHIBITORS

8808. **Steven FS:** Polymeric collagen fibrils. An example of substrate-mediated steric obstruction of enzymic digestion. Biochim Biophys Acta 452(1):151–60, 8 Nov 76
BINDING SITES/ *CLOSTRIDIOPEPTIDASE A/ CLOSTRIDIOPEPTIDASE A, metabolism/ *COLLAGEN/ FLUORESCENT DYES/ KINETICS/ MACROMOLECULAR SYSTEMS/ MICROSCOPY, ELECTRON/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *TRYPSIN/ TRYPSIN, metabolism

8809. **Steven FS, Itzhaki S:** Evidence for a latent form of collagenase extracted from rabbit tumour cells. Biochim Biophys Acta 496(1):241–6, 24 Jan 77
ANIMAL/ CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ *CLOSTRIDIOPEPTIDASE A, metabolism/ EDTA, pharmacodynamics/ ENZYME ACTIVATION/ *NEOPLASMS, EXPERIMENTAL, enzymology/ RABBITS/ TRYPSIN, metabolism

8810. **Steven FS, Podrazky V, Itzhaki S:** Evidence for the presence of a trypsin inhibitor within rabbit and mouse tumour cells. Biochim Biophys Acta 483(1):211–4, 8 Jul 77
ANIMAL/ *CARCINOMA, EHRLICH TUMOR, analysis/ COLLAGEN, metabolism/ CYTOSOL, enzymology/ MICE/ PEPTIDE HYDROLASES, metabolism/ RABBITS/ *TRYPSIN INHIBITORS, metabolism/ TRYPSIN, metabolism

8811. **Stevens AM, Noujaim AA, Shysh A, et al:** Studies on the electrolytic method of radioiodination of fibrinogen. Acta Biotheor [A] (Leiden) 26(1):137–42, 1977
ELECTROLYSIS/ *FIBRINOGEN/ HUMAN/ IN VITRO/ *IODINE RADIOISOTOPES/ *ISOTOPE LABELING, methods

8812. **Stevens DJ, Latorraca R:** Monitoring heparin therapy. Wis Med J 76(3):33–6, Mar 77
BLOOD COAGULATION TESTS, methods/ HEPARIN, blood/ *HEPARIN, therapeutic use/ HUMAN/ THROMBOEMBOLISM, drug therapy

8813. **Stevenson SF, Williams MC:** Shear-induced hemolysis with commercial and glow discharge silicones. Biomater Med Devices Artif Organs 5(1):67–96, 1977
*DIMETHYLPOLYSILOXANES, adverse effects/ *HEMOLYSIS, drug effects/ HEPARIN/ HUMAN/ IN VITRO/ KINETICS/ RHEOLOGY/ *SILICONES, adverse effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8814. **Stewart GA, Johnson PM, Barrett MW, et al:** Circular dichroism studies on proteolytic cleavage fragments from rabbit IgG. Immunochemistry 14(4):263–8, Apr 77
ANIMAL/ CIRCULAR DICHROISM/ COMPARATIVE STUDY/ HUMAN/ *IGG/ IMMUNOGLOBULIN FRAGMENTS/ PEPTIDE HYDROLASES/ PROTEIN CONFORMATION/ RABBITS

8815. **Stewart GJ, Lynch PR:** Independence of intravascular generation of fibrin monomer and fibrin deposition on canine jugular veins. Thromb Res 10(1):147–52, Jan 77
*FIBRIN, metabolism/ JUGULAR VEIN, ultrastructure/ *THROMBOPLASTIN, pharmacodynamics/ *THROMBOSIS, etiology/ *VEINS, metabolism

8816. **Stibbe J:** Effect of exercise on F VIII-complex: proportional increase of ristocetin cofactor (Von Willebrand factor) and F VIII-AGN, but disproportional increase of F VIII-AHF. Thromb Res 10(1):163–8, Jan 77
ADULT/ ANTIGENS/ *BLOOD COAGULATION FACTORS, metabolism/ *EXERTION/ *FACTOR VIII, metabolism/ FEMALE/ HUMAN/ MALE/ RISTOCETIN/ *VON WILLEBRAND FACTOR, metabolism/ VON WILLEBRAND'S DISEASE, blood

8817. **Stiller CR, Dossetor JB, Carpenter CB, et al:** Immunologic monitoring of the transplant recipient. Transplant Proc 9(1):1245–54, Mar 77
ANTIBODIES/ ANTIBODY SPECIFICITY/ BINDING, COMPETITIVE/ BLOOD BACTERICIDAL ACTIVITY/ COMPLEMENT, metabolism/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FIBRINOLYSIN, urine/ HUMAN/ IMMUNITY, CELLULAR/ IMMUNOLOGIC TECHNICS/ LEUKOCYTE CULTURE TEST, MIXED/ LYMPHOCYTE TRANSFORMATION/ MIGRATION INHIBITORY FACTOR/ PLANT AGGLUTININS, pharmacodynamics/ TIME FACTORS/ *TRANSPLANTATION IMMUNOLOGY

8818. **Stillman RM, Chapa L, Stark ML, et al:** A ten year study of heparin therapy for thrombophlebitis in ambulatory

patients. Surg Gynecol Obstet 145(2):193–7, Aug 77
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ *AMBULATORY CARE/ ASPIRIN, therapeutic use/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ SYNDROME/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, drug therapy

8819. **Stimmel F:** Chirurgische Therapie postthrombotischer Zustandsbilder ZFA [Dresden] 31(4):375–8, 1976 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ FEMORAL VEIN/ HUMAN/ ILIAC VEIN/ METHODS/ POSTOPERATIVE COMPLICATIONS/ SYNDROME/ *THROMBOPHLEBITIS, surgery/ THROMBOSIS, etiology/ VARICOSE VEINS, etiology

8820. **Stingl G, Wolff-Schreiner EC, Pichler WJ, et al:** Epidermal Langerhans cells bear Fc and C3 receptors. Nature 268(5617):245–6, 21 Jul 77
*BINDING SITES/ *COMPLEMENT, metabolism/ HUMAN/ IMMUNE ADHERENCE REACTION/ *IMMUNOGLOBULINS, FC/ *LANGERHANS CELLS, immunology/ *SKIN, immunology/ TRYPSIN

8821. **Stinson EB, Griepp RB, Oyer PE, et al:** Long-term experience with porcine aortic valve xenografts. J Thorac Cardiovasc Surg 73(1):54–63, Jan 77
AORTIC VALVE, surgery/ *AORTIC VALVE, transplantation/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, mortality/ HUMAN/ MITRAL VALVE, surgery/ POSTOPERATIVE COMPLICATIONS/ SWINE/ THROMBOEMBOLISM, etiology/ *TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HETEROLOGOUS, mortality

8822. **Stinson JM, Goodwin RA Jr:** Pulmonary vein obstruction by bronchogenic carcinoma. South Med J 69(11):1482–3, Nov 76
*CARCINOMA, BRONCHOGENIC, complications/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *LUNG NEOPLASMS, complications/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, etiology/ *PULMONARY VEINS

8823. **Stitzel RE:** The biological fate of reserpine. Pharmacol Rev 28(3):179–208, Sep 76 (152 ref.)
ANIMAL/ BIOGENIC AMINES, metabolism/ BLOOD PLATELETS, metabolism/ CHEMISTRY/ DOPAMINE BETA-HYDROXYLASE, metabolism/ FECES/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 16TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ HYDROLYSIS/ INTESTINAL ABSORPTION/ LUNG, metabolism/ MAST CELLS, metabolism/ MEMBRANE LIPIDS, metabolism/ MICROSOMES, LIVER, metabolism/ MONOAMINE OXIDASE, metabolism/ OXIDATION-REDUCTION/ RAUWOLFIA ALKALOIDS, analysis/ RAUWOLFIA, history/ *RESERPINE, metabolism/ RESERPINE, pharmacodynamics/ RESERPINE, urine/ REVIEW/ SEROTONIN, metabolism/ SEX FACTORS/ SPECIES SPECIFICITY/ SUBCELLULAR FRACTIONS, metabolism/ SYMPATHETIC NERVOUS SYSTEM, metabolism/ TETRABENAZINE, diagnostic use/ TYROSINE HYDROXYLASE, metabolism

8824. **Stivala SS:** Physicochemical properties of heparin, and its interaction with Cu(II) and calcium in relation to anticoagulation. Fed Proc 36(1):83–8, Jan 77
BLOOD COAGULATION, drug effects/ CALCIUM/ CATTLE/ CHEMISTRY, PHYSICAL/ COPPER/ *HEPARIN/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ VISCOSITY

8825. **Stobbe H:** Standardisierte Methoden im hämatologischen Laboratorium--Voraussetzung einer optimalen Diagnostik Z Gesamte Inn Med 32(2):20–3, 15 Jan 77 (Eng. Abstr.) **(Ger)**
BLOOD CELL COUNT, methods/ BLOOD COAGULATION TESTS, methods/ BONE MARROW EXAMINATION, methods/ *DIAGNOSIS, LABORATORY, standards/ ENGLISH ABSTRACT/ *HEMATOLOGY/ HEMOGLOBINOMETRY, methods/ HUMAN

8826. **Stock C, Vincent D, Bauduin H, et al:** A propos de l'action sécretagogue du dérive dibutyrylé de l'adénosine monophosphate cyclique sur le pancréas exocrine du rat. Arch Int Physiol Biochim 84(2):348–50, Apr 76 **(Fre)**
AMYLASE, secretion/ ANIMAL/ CALCIUM, pharmacodynamics/ CHYMOTRYPSIN, secretion/ CYTOCHALASIN B, pharmacodynamics/ DIBUTYRYL CYCLIC AMP, antagonists & inhibitors/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DIBUTYRYL CYCLIC AMP, toxicity/ KINETICS/ *PANCREAS, drug effects/ PANCREAS, secretion/ PANCREAS, ultrastructure/ RATS/ THERMODYNAMICS

8827. **Stocker K, Barlow GH:** The coagulant enzyme from Bothrops atrox venom (batroxobin). Methods Enzymol 45:214–23, 1976
ANIMAL/ BLOOD COAGULATION TESTS/ CATTLE/ DRUG STABILITY/ FIBRINOGEN/ HUMAN/ IMMUNOELECTROPHORESIS/ METHODS/ MICROCHEMISTRY/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *SNAKE VENOMS/ SNAKE VENOMS, analysis/ SNAKE VENOMS, isolation & purification/ SPECIES SPECIFICITY

8828. **Stocker WW, McIntyre OR, Clendenning WE:** Psychogenic purpura. Arch Dermatol 113(5):606–9, May 77 (Eng. Abstr.)
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALINGERING/ *PSYCHOPHYSIOLOGIC DISORDERS/ *PURPURA, etiology/ SKIN TESTS, methods/ STRESS, PSYCHOLOGICAL

8829. **Stöcklin G:** Bromine-77 and iodine-123 radiopharmaceuticals. Int J Appl Radiat Isot 28(1–2):131–47, Jan–Feb 77 (140 ref.)
*BROMINE/ DIATRIZOATE/ ESTRADIOL/ FIBRINOGEN/ INDOCYANINE GREEN/ *IODINE RADIOISOTOPES/ IOTHALAMIC ACID/ ISOTOPE LABELING, methods/ PHENYLALANINE/ RADIO-HIPPURAN/ *RADIOISOTOPES/ REVIEW/ SERUM ALBUMIN, RADIO-IODINATED/ THYROGLOBULIN/ TRYPTOPHAN/ TYROSINE

8830. **Stoddart JC:** Haemolytic streptococcal septicaemia. Intensive Care Med 3(2):93–6, Aug 77
ADULT/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ INFANT, NEWBORN/ MIDDLE AGE/ PENICILLINS, therapeutic use/ PREGNANCY/ SEPTICEMIA, complications/ SEPTICEMIA, drug therapy/ *SEPTICEMIA, etiology/ SEPTICEMIA, microbiology/ *STREPTOCOCCAL INFECTIONS/ STREPTOCOCCAL INFECTIONS, complications/ STREPTOCOCCAL INFECTIONS, diagnosis/ STREPTOCOCCAL INFECTIONS, drug therapy/ STREPTOCOCCAL INFECTIONS, microbiology/ STREPTOCOCCUS, isolation & purification

8831. **Stoeva SP, Mesrob BK:** Proteolytic and esterolytic activity of a milk-clotting protease (MCP) from Bacillus mesentericus strain 76. FEBS Lett 80(1):86–8, 1 Aug 77
*BACILLUS, enzymology/ *ESTERASES, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MILK/ *PEPTIDE HYDROLASES, metabolism

8832. **Stojčevski T, Nedelkoski J, Kolevski P:** Akutni pulmonalni embolizam kao dijagnostički i terapeutski problem God Zb Med Fak Skopje 22:257–66, 1976 (Eng. Abstr.) **(Scr)**
ACUTE DISEASE/ ENGLISH ABSTRACT/

FEMALE/ HUMAN/ MIDDLE AGE/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, therapeutic use

8833. **Stolinsky DC, Jacobs EM, Irwin LE, et al:** Effect of trimethylcolchicinic acid methyl ether d-tartrate (TMCA) on Hodgkin's and non-Hodgkin's lymphoma. Oncology 33(4):151-3, 1976
ANTINEOPLASTIC AGENTS, therapeutic use/ *COLCHICINE, analogs & derivatives/ COLCHICINE, adverse effects/ COLCHICINE, therapeutic use/ DRUG INTERACTIONS/ DRUG THERAPY, COMBINATION/ *HODGKIN'S DISEASE, drug therapy/ HUMAN/ LEUKOPENIA, chemically induced/ *LYMPHOMA, drug therapy/ REMISSION/ *SARCOMA, RETICULUM CELL, drug therapy/ THROMBOPENIA, chemically induced/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8834. **Stolle D, Strohmeyer G:** Such- und Schnellteste bei Erkrankungen der Leber und der Gallenwege Internist (Berlin) 17(9):461-5, Sep 76 **(Ger)**
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIARY TRACT DISEASES, blood/ *BILIARY TRACT DISEASES, diagnosis/ BILIARY TRACT DISEASES, urine/ BILIRUBIN, urine/ BLOOD COAGULATION TESTS/ CHOLINESTERASES, blood/ *ENZYME TESTS/ HUMAN/ LIVER DISEASES, blood/ *LIVER DISEASES, diagnosis/ LIVER DISEASES, urine/ LIVER FUNCTION TESTS/ PORPHOBILINOGEN, urine/ UROBILINOGEN, urine

8835. **Stoller RG, Hande KR, Jacobs SA, et al:** Use of plasma pharmacokinetics to predict and prevent methotrexate toxicity. N Engl J Med 297(12):630-4, 22 Sep 77
BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW, drug effects/ CITROVORUM FACTOR, administration & dosage/ CITROVORUM FACTOR, therapeutic use/ CREATININE, blood/ HUMAN/ INFUSIONS, PARENTERAL/ KIDNEY, drug effects/ LEUKOCYTE COUNT/ METHOTREXATE, administration & dosage/ METHOTREXATE, blood/ *METHOTREXATE, toxicity/ NEOPLASMS, drug therapy/ TIME FACTORS

8836. **Stoltz JF:** Evaluation d'une méthode d'étude des agrégats plaquettaires par fixation au formol Acta Haematol (Basel) 56(5):303-6, 1976 (Eng. Abstr.) **(Fre)**
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ ENGLISH ABSTRACT/ *FORMALDEHYDE/ METHODS/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ RABBITS/ THROMBIN, pharmacodynamics

8837. **Stoltz JF, Gaillard S, Larcan A:** Macromolécules et hémorhéologie Anesth Analg (Paris) 3(4):553-72, Jul-Aug 76 **(Fre)**
ANIMAL/ *BLOOD VISCOSITY/ COMPARATIVE STUDY/ DOGS/ HEMATOCRIT/ IN VITRO/ *MACROMOLECULAR SYSTEMS/ *PLASMA SUBSTITUTES/ RHEOLOGY/ TEMPERATURE

8838. **Stone AL:** Optical conformation of heparin and heparin complexes with cationic dyes, amines and protein models. Fed Proc 36(1):1-1-6, Jan 77
CIRCULAR DICHROISM/ GLYCOSAMINOGLYCANS/ *HEPARIN/ LYSINE/ METHYLENE BLUE/ MOLECULAR CONFORMATION/ OPTICAL ROTATORY DISPERSION/ PEPTIDES/ PROTEIN CONFORMATION

8839. **Stone AL, Epstein P:** The aggregation of basic polypeptide residues bound to heparin. Biochim Biophys Acta 497(1):298-306, 29 Mar 77
CHEMISTRY/ CIRCULAR DICHROISM/ *HEPARIN, metabolism/ *PEPTIDES/ PEPTIDES, metabolism/ PHENYLALANINE/ POLYLYSINE/ PROTEIN BINDING/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ TYROSINE

8840. **Stone D, Phillips AW, Burchall JJ:** The amino-acid sequence of the dihydrofolate reductase of a trimethoprim-resistant strain of Escherichia coli. Eur J Biochem 72(3):613-24, Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CYANOGEN BROMIDE/ DRUG RESISTANCE, MICROBIAL/ ESCHERICHIA COLI, drug effects/ *ESCHERICHIA COLI, enzymology/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ STAPHYLOCOCCUS AUREUS, enzymology/ *TETRAHYDROFOLATE DEHYDROGENASE/ TETRAHYDROFOLATE DEHYDROGENASE, metabolism/ *TRIMETHOPRIM, pharmacodynamics/ TRYPSIN

8841. **Stone IM, Aranda JM, Thurer RJ, et al:** Disruption of proximal aortosaphenous vein anastomosis. Late complication of aortocoronary bypass surgery. Chest 71(4):544-6, Apr 77
ADULT/ AORTA, surgery/ *AORTOCORONARY BYPASS/ CASE REPORT/ HEMATOMA, surgery/ HEMORRHAGE, surgery/ HUMAN/ MALE/ MEDIASTINUM, radiography/ MEDIASTINUM, surgery/ MYOCARDIAL INFARCT, complications/ *POSTOPERATIVE COMPLICATIONS, surgery/ SAPHENOUS VEIN, surgery

8842. **Stone PJ, Crombie G, Franzblau C:** The use of tritiated elastin for the determination of subnanogram amounts of elastase. Anal Biochem 80(2):572-7, Jun 77
ANIMAL/ ELASTIN/ KINETICS/ METHODS/ MICROCHEMISTRY/ PANCREAS, enzymology/ *PANCREATOPEPTIDASE, analysis/ SWINE/ TRITIUM/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8843. **Stoney WS, Addlestone RB, Alford WC Jr, et al:** The incidence of venous thrombosis following long-term transvenous pacing. Ann Thorac Surg 22(2):166-70, Aug 76
ARM, blood supply/ EDEMA, etiology/ EDEMA, occurrence/ FACE, blood supply/ *HEART CATHETERIZATION, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ INNOMINATE VEIN, radiography/ JUGULAR VEIN, radiography/ *PACEMAKER, ARTIFICIAL, adverse effects/ SUBCLAVIAN VEIN, radiography/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, occurrence/ THROMBOPHLEBITIS, radiography

8844. **Storck H:** Nebenwirkungen von Arzneimittein und In-vivo-tests Praxis 65(15):433-41, 13 Apr 76 (Eng. Abstr.) **(Ger)**
*DRUG HYPERSENSITIVITY/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ HISTAMINE LIBERATION/ HUMAN/ INTESTINES, microbiology/ SHWARTZMAN PHENOMENON, etiology

8845. **Störmer B, Kleinschmidt K, Loose D, et al:** Rheological changes in the blood of patients with chronic arterial occlusive disease after the administration of vasoactive drugs. Curr Med Res Opin 4(8):588-95, 1977
*ARTERIAL OCCLUSIVE DISEASES, physiopathology/ *BENCYCLANE, pharmacodynamics/ *BLOOD VISCOSITY, drug effects/ CHRONIC DISEASE/ *CYCLOHEPTANES, pharmacodynamics/ HUMAN/ *PENTOXIFYLLINE, pharmacodynamics/ PLATELET AGGREGATION, drug effects/ *THEOBROMINE, analogs & derivatives

8846. **Störmer K, Störmer B, Loose D, et al:** Einfluss von Kontrastmittel auf die Blutviskosität nach Katheterangiographie Vasa 5(3):239-44, 1976 (Eng. Abstr.) **(Ger)**
ANGIOGRAPHY/ ARTERIAL OCCLUSIVE DISEASES, radiography/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD VISCOSITY, drug effects/ *CONTRAST MEDIA, adverse effects/ ENGLISH ABSTRACT/ HUMAN/ THROMBOEMBOLISM, chemically induced

8847. **Stormont D, Davies C, Emmerson BT:** Urate production in heterozygotes for glucose-6-phosphatase deficiency.

Clin Chim Acta 71(2):303–8, 6 Sep 76
ADULT/ BLOOD PLATELETS, enzymology/ CHILD, PRESCHOOL/ ERYTHROCYTES, metabolism/ FEMALE/ *GLUCOSEPHOSPHATASE DEFICIENCY, blood/ GLUCOSEPHOSPHATASE, metabolism/ GLUCOSEPHOSPHATES, metabolism/ GLYCINE, metabolism/ HETEROZYGOTE/ HUMAN/ MALE/ PHOSPHORIBOSYL PYROPHOSPHATE, blood/ *URIC ACID, metabolism

8848. **Stormorken H:** A new era in the laboratory evaluation of coagulation and fibrinolysis [editorial].
Thromb Haemostas 36(2):299–301, 30 Nov 76
BLOOD COAGULATION TESTS, methods/ COAGULANTS, analysis/ FIBRINOLYSIS/ *HEMATOLOGY, methods/ HUMAN/ PEPTIDE FRAGMENTS

8849. **Stormorken H:** Bruk av heparin i svangerskapet
Tidsskr Nor Laegeforen 97(1):30, 10 Jan 77 **(Nor)**
*ABNORMALITIES, DRUG-INDUCED/ DRUG EVALUATION/ FEMALE/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PREGNANCY

8850. **Stormorken H:** Tromboserisiko ved østrogenbehandling i klimakteriet. Tidsskr Nor Laegeforen 97(17–18):912–3, 20 Jun 77 **(Nor)**
AGED/ *CLIMACTERIC/ *ESTROGENS, adverse effects/ ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ MIDDLE AGE/ *THROMBOSIS, chemically induced

8851. **Stott H, Stephens RJ, Fox W, et al:** 5-year follow-up of cytotoxic chemotherapy as an adjuvant to surgery in carcinoma of the bronchus. Br J Cancer 34(2):167–73, Aug 76
*BRONCHIAL NEOPLASMS, drug therapy/ BRONCHIAL NEOPLASMS, mortality/ BRONCHIAL NEOPLASMS, surgery/ BUSULFAN, adverse effects/ *BUSULFAN, therapeutic use/ CLINICAL RESEARCH/ *CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ NEOPLASM METASTASIS/ PROGNOSIS/ THROMBOPENIA, chemically induced

8852. **Stout RW:** The relationship of abnormal circulating insulin levels to atherosclerosis. Atherosclerosis 27(1):1–13, May 77
ALLOXAN DIABETES, blood/ ANIMAL/ AORTA, metabolism/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ CONTRACEPTIVES, ORAL, adverse effects/ DIABETES MELLITUS, blood/ DIET, ATHEROGENIC/ FEMALE/ HUMAN/ HYPERCHOLESTEREMIA, blood/ HYPERLIPEMIA, blood/ *INSULIN, blood/ LIPID MOBILIZATION/ LIPIDS, biosynthesis/ MALE/ MUSCLE, SMOOTH, metabolism/ OBESITY, blood/ RISK/ TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREMIA, blood

8853. **Straith RE, Raju DR, Hipps CJ:** The study of hematomas in 500 consecutive face lifts. Plast Reconstr Surg 59(5):694–8, May 77
ADULT/ AGED/ ANESTHESIA, LOCAL/ BLOOD PRESSURE/ CASE REPORT/ *FACE, surgery/ FEMALE/ *HEMATOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ PREMEDICATION/ *SKIN DISEASES, etiology/ *SURGERY, PLASTIC, adverse effects/ SURGERY, PLASTIC, methods

8854. **Strander H, Einhorn S:** Effect of human leukocyte interferon on the growth of human osteosarcoma cells in tissue culture. Int J Cancer 19(4):468–73, 15 Apr 77
CELL COUNT/ CELL LINE/ CULTURE MEDIA/ DEOXYRIBONUCLEASE, pharmacodynamics/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HEAT/ HUMAN/ *INTERFERON, pharmacodynamics/ LEUKOCYTES/ RIBONUCLEASE, pharmacodynamics/ *SARCOMA, OSTEOGENIC, immunology/ TRYPSIN, pharmacodynamics

8855. **Strandness DE Jr:** Doppler ultrasound in vascular surgery.
Aust NZ J Surg 47(1):115–8, Feb 77
ACUTE DISEASE/ *ARTERIAL OCCLUSIVE DISEASES, diagnosis/ ATHEROSCLEROSIS, diagnosis/ CAROTID ARTERY DISEASES, diagnosis/ CAROTID ARTERY, INTERNAL/ CHRONIC DISEASE/ HUMAN/ *THROMBOPHLEBITIS, diagnosis/ *ULTRASONICS, diagnostic use

8856. **Strandness DE Jr, Ward K, Krugmire R Jr:** The present status of acute deep venous thrombosis.
Surg Gynecol Obstet 145(3):433–45, Sep 77
ACUTE DISEASE/ ASPIRIN, therapeutic use/ DEXTRAN, therapeutic use/ FIBRINOGEN, diagnostic use/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ IODINE RADIOISOTOPES/ PLETHYSMOGRAPHY/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PRESSURE/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, physiopathology/ THROMBOPHLEBITIS, therapy/ ULTRASONICS, diagnostic use/ VEINS, physiopathology

8857. **Strandness DE Jr:** Thrombosis detection by ultrasound, plethysmography, and phlebography. Semin Nucl Med 7(3):213–8, Jul 77 (30 ref.)
HUMAN/ LEG, blood supply/ *PHLEBOGRAPHY/ PHLEBOGRAPHY, adverse effects/ *PLETHYSMOGRAPHY/ REVIEW/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ *ULTRASONICS, diagnostic use

8858. **Strates BS:** Plateletpheresis vs plateletapheresis or thrombocytapheresis [letter]. JAMA 236(20):2284, 15 Nov 76
*BLOOD PLATELETS/ HUMAN/ *NOMENCLATURE/ *PLASMAPHERESIS

8859. **Straub PW:** Diagnostik thromboembolischer Erkrankungen.
Wien Med Wochenschr 127(10):307–9, 30 May 77 **(Ger)**
AORTIC ANEURYSM, complications/ ARTERIAL OCCLUSIVE DISEASES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ EMBOLISM, diagnosis/ EMBOLISM, etiology/ ERYSIPELAS, diagnosis/ FIBRINOGEN, diagnostic use/ HUMAN/ MYOCARDIAL INFARCT, complications/ PHLEBOGRAPHY/ PHLEGMASIA ALBA DOLENS, diagnosis/ PULMONARY EMBOLISM, diagnosis/ *THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, radiography/ THROMBOSIS, diagnosis/ ULTRASONICS, diagnostic use

8860. **Straus DC, Mattingly SJ, Milligan TW:** Production of extracellular material by streptococci associated with subacute bacterial endocarditis. Infect Immun 17(1):148–56, Jul 77
AMINO ACIDS, metabolism/ *BACTERIAL PROTEINS, biosynthesis/ *CARBOHYDRATES, biosynthesis/ COMPARATIVE STUDY/ *ENDOCARDITIS, SUBACUTE BACTERIAL, microbiology/ *PEPTIDE HYDROLASES, biosynthesis/ SPECIES SPECIFICITY/ *STREPTOCOCCAL INFECTIONS, microbiology/ STREPTOCOCCUS MUTANS, metabolism/ STREPTOCOCCUS SANGUIS, metabolism/ *STREPTOCOCCUS, metabolism

8861. **Straus MJ:** Combination chemotherapy in advanced lung cancer with increased survival. Cancer 38(6):2232–41, Dec 76
*ADENOCARCINOMA, drug therapy/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *CARCINOMA, EPIDERMOID, drug therapy/ *CARCINOMA, OAT CELL, drug therapy/ CYCLOPHOSPHAMIDE, administration & dosage/ *CYCLOPHOSPHAMIDE, therapeutic use/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ LEUKOCYTE COUNT/ *LUNG NEOPLASMS, drug therapy/ MALE/ METHOTREXATE, administration & dosage/ *METHOTREXATE, therapeutic use/ MIDDLE

AGE/ REMISSION/ TIME FACTORS

8862. **Streeter RR, Presant CA, Reinhard E:** Prognostic significance of thrombocytosis in idiopathic sideroblastic anemia. Blood 50(3):427–32, Sep 77
AGED/ *ANEMIA, SIDEROBLASTIC, complications/ ANEMIA, SIDEROBLASTIC, drug therapy/ *CELL TRANSFORMATION, NEOPLASTIC/ DRUG RESISTANCE/ FEMALE/ HUMAN/ *LEUKEMIA, diagnosis/ MALE/ MIDDLE AGE/ PROGNOSIS/ PYRIDOXINE, therapeutic use/ *THROMBOCYTOSIS, complications

8863. **Strickland JW, Steichen JB:** Nerve tumors of the hand and forearm. J Hand Surg 2(4):285–91, Jul 77
ADULT/ CASE REPORT/ CYSTS, surgery/ FEMALE/ *FOREARM/ FOREARM, surgery/ *HAND/ HAND, surgery/ HEMANGIOMA, surgery/ HUMAN/ LIPOMA, surgery/ MALE/ MIDDLE AGE/ *NEOPLASMS, NERVOUS TISSUE/ NEOPLASMS, NERVOUS TISSUE, surgery/ NEURILEMMOMA, surgery/ NEUROEPITHELIOMA, surgery/ NEUROFIBROMA, surgery/ PERIPHERAL NERVE DISEASES, surgery/ *PERIPHERAL NERVE NEOPLASMS, surgery/ ULNAR NERVE, surgery

8864. **Strickland M, Strickland WN, Brandt WF, et al:** The complete amino-acid sequence of histone H2B(1) from sperm of the sea urchin Parechinus angulosus. Eur J Biochem 77(2):263–75, 15 Jul 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *HISTONES/ MALE/ PEPTIDE FRAGMENTS, analysis/ SEA URCHINS/ *SPERMATOZOA/ THERMOLYSIN/ TRYPSIN

8865. **Strickland S, Beers WH:** Studies on the role of plasminogen activator in ovulation. In vitro response of granulosa cells to gonadotropins, cyclic nucleotides, and prostaglandins. J Biol Chem 251(18):5694–702, 25 Sep 76
ANIMAL/ ENZYME ACTIVATION, drug effects/ FEMALE/ FIBRINOLYSIS/ *FSH, pharmacodynamics/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ *GONADOTROPINS, EQUINE, pharmacodynamics/ GRANULOSA CELLS, drug effects/ GRANULOSA CELLS, metabolism/ KINETICS/ *LH, pharmacodynamics/ *OVULATION, drug effects/ *PLASMINOGEN, metabolism/ *PROSTAGLANDINS E, pharmacodynamics/ PROSTAGLANDINS F, pharmacodynamics/ RATS/ SPECIES SPECIFICITY/ *THEOPHYLLINE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8866. **Stricklin GP, Bauer EA, Jeffrey JJ, et al:** Human skin collagenase: isolation of precursor and active forms from both fibroblast and organ cultures. Biochemistry 16(8):1607–15, 19 Apr 77
CHROMATOGRAPHY, ION EXCHANGE/ *CLOSTRIDIOPEPTIDASE A/ CLOSTRIDIOPEPTIDASE A, isolation & purification/ CLOSTRIDIOPEPTIDASE A, metabolism/ ENZYME ACTIVATION/ ENZYME PRECURSORS, isolation & purification/ ENZYME PRECURSORS, metabolism/ FIBROBLASTS, enzymology/ HUMAN/ MOLECULAR WEIGHT/ ORGAN CULTURE/ *SKIN, enzymology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8867. **Strike L, Saint Paul B, Chassaigne M, et al:** Dosage radioimmunologique du facteur antihémophilique A Nouv Presse Med 5(42):2877–9, 11 Dec 76 (Eng. Abstr.) **(Fre)**
ANTI-ANTIBODIES, isolation & purification/ ANTIGENS, analysis/ ENGLISH ABSTRACT/ *FACTOR VIII, analysis/ RADIOIMMUNOASSAY, methods/ VON WILLEBRAND'S DISEASE, immunology

8868. **Stroescu V:** Aspecte farmacologice actuale ale mediacatiei antitrombotice Rev Med Intern [Med Intern] 28(5):325–7, Sep–Oct 76 **(Rum)**
ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ DRUG INTERACTIONS/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ PLATELET AGGREGATION, drug effects

8869. **Stroescu V, Georgescu C, Voiosu R:** Long-term controlled clinical trial of a new anti-inflammatory drug, diftalone, in rheumatoid arthritis. J Int Med Res 4(1):23–33, 1976
*ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, physiopathology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD SEDIMENTATION/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DIFTALONE, adverse effects/ DIFTALONE, pharmacodynamics/ *DIFTALONE, therapeutic use/ DRUG EVALUATION/ FEMALE/ HUMAN/ INDOMETHACIN, adverse effects/ INDOMETHACIN, pharmacodynamics/ INDOMETHACIN, therapeutic use/ JOINTS, drug effects/ MALE/ MIDDLE AGE/ MOVEMENT, drug effects/ *PYRIDAZINES, therapeutic use/ TIME FACTORS

8870. **Strohmenger P, Wenzel H:** The influence of various drugs on artificial oedema of the rat's bladder. Eur Urol 2(6):293–4, 1976
ANIMAL/ *BLADDER DISEASES, drug therapy/ BLADDER, pathology/ CHYMOTRYPSIN, therapeutic use/ *EDEMA, drug therapy/ EDEMA, pathology/ ELECTROCOAGULATION/ ESCIN, therapeutic use/ MALE/ METHYLPREDNISOLONE, therapeutic use/ ORGAN WEIGHT/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ RATS

8871. **Strombeck DR, Krum S, Rogers Q:** Coagulopathy and encephalopathy in a dog with acute hepatic necrosis. J Am Vet Med Assoc 169(8):813–6, 15 Oct 76
AMINO ACIDS, blood/ ANIMAL/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, veterinary/ *DOG DISEASES/ DOG DISEASES, blood/ DOG DISEASES, etiology/ DOGS/ HEPATIC COMA, blood/ HEPATIC COMA, etiology/ *HEPATIC COMA, veterinary/ *HEPATITIS, ANIMAL, complications/ MALE

8872. **Strosche H, Draese K, Zöckler CE:** Der Nabelvenenkatheterismus - diagnostische Bedeutung und therapeutische Möglichkeiten Leber Magen Darm 6(1):1–7, 1976 (Eng. Abstr.) **(Ger)**
ANGIOGRAPHY, methods/ *CATHETERIZATION, methods/ ENGLISH ABSTRACT/ ESOPHAGEAL VARICES, diagnosis/ HUMAN/ HYPERTENSION, PORTAL, diagnosis/ LIVER NEOPLASMS, diagnosis/ PANCREATIC NEOPLASMS, diagnosis/ PORTAL SYSTEM, pathology/ SPLENOMEGALY, diagnosis/ THROMBOPHLEBITIS, diagnosis/ *UMBILICAL VEINS

8873. **Stroud RM, Kossiakoff AA, Chambers JL:** Mechanisms of zymogen activation. Annu Rev Biophys Bioeng 6:177–93, 1977 (50 ref.)
AMINO ACID SEQUENCE/ BENZAMIDINES, pharmacodynamics/ BINDING SITES/ CATIONS, DIVALENT/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ *CHYMOTRYPSINOGEN/ CHYMOTRYPSINOGEN, metabolism/ COMPARATIVE STUDY/ HYDROGEN BONDING/ HYDROGEN-ION CONCENTRATION/ MOLECULAR MODELS/ PROTEIN CONFORMATION/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN INHIBITORS/ *TRYPSIN/ TRYPSIN, metabolism/ *TRYPSINOGEN/ TRYPSINOGEN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ X-RAY DIFFRACTION

8874. **Strouhal E:** Tumors in the remains of ancient Egyptians. Am J Phys Anthropol 45(3 pt. 2):613–20, Nov 76
ADULT/ BONE NEOPLASMS, history/ CARCINOMA, history/ CHONDROMA, history/ CYSTADENOMA, history/ EGYPT/ FEMALE/ HEMANGIOMA, history/ HISTORICAL

ARTICLE/ HUMAN/ MALE/ MIDDLE AGE/ MYOMA, history/ NEOPLASM METASTASIS, history/ *NEOPLASMS, history/ OSTEOMA, history/ *PALEOPATHOLOGY/ PELVIC NEOPLASMS, history/ PLASMACYTOMA, history/ SARCOMA, OSTEOGENIC, history/ SKULL NEOPLASMS, history

8875. **Stroup PE, Scott GR:** Acute disseminated intravascular coagulation and uterine atony. J Med Soc NJ 74(2):121–4, Feb 77
ADULT/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FEMALE/ HUMAN/ *UTERINE CONTRACTION/ *UTERINE DISEASES, etiology/ UTERINE HEMORRHAGE, etiology/ UTERINE HEMORRHAGE, therapy

8876. **Struchkov VI, Lokhvitskiĭ SV, Misnik VI:** Posleoperatsionnye oslozhneniia pri ostrom kholetsistite Vestn Khir 11(7):26–9, Jul 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ AGED/ BILIARY FISTULA/ *CHOLECYSTITIS, surgery/ CHOLESTASIS/ ENGLISH ABSTRACT/ HEPATIC COMA/ HUMAN/ KIDNEY FAILURE, ACUTE/ LASERS, therapeutic use/ LUNG DISEASES/ MIDDLE AGE/ PANCREATITIS/ PERITONITIS/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, classification/ POSTOPERATIVE COMPLICATIONS, mortality/ POSTOPERATIVE COMPLICATIONS, occurrence/ SURGICAL WOUND INFECTION/ THROMBOEMBOLISM

8877. **Struchkov VI, Nedvetskaia LM:** Voprosy klinicheskoĭ immunologii v khirurgii Khirurgiia (Mosk) (1):13–8, Jan 77 (Eng. Abstr.) **(Rus)**
ANTIBIOTICS, therapeutic use/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *IMMUNIZATION/ INFECTION, prevention & control/ LUNG DISEASES, immunology/ *LUNG DISEASES, surgery/ NITROFURANS, therapeutic use/ PEPTIDE HYDROLASES, therapeutic use/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PREOPERATIVE CARE/ SUPPURATION/ SURGICAL WOUND INFECTION, immunology/ *SURGICAL WOUND INFECTION, prevention & control

8878. **Struchkov VI, Gostishchev VK:** Enzimy i ingibitory proteinaz v khirurgii Vestn Akad Med Nauk SSSR (9):74–9, 1976 (Eng. Abstr.) **(Rus)**
ANIMAL/ ENGLISH ABSTRACT/ ENZYME INHIBITORS, pharmacodynamics/ *ENZYME INHIBITORS, therapeutic use/ HUMAN/ *HYPERSENSITIVITY, drug therapy/ *PANCREATITIS, drug therapy/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, pharmacodynamics/ *PEPTIDE HYDROLASES, therapeutic use/ RATS/ STIMULATION, CHEMICAL/ *SUPPURATION, drug therapy/ SURGICAL WOUND INFECTION, drug therapy/ WOUND HEALING, drug effects

8879. **Struck E, Meisner H, Hagl S, et al:** Zur Hämodynamik nach Implantation von Hancock-Prothesen Thoraxchirurgie 24(5):406–9, Oct 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ *AORTIC VALVE, surgery/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, standards/ *HEMODYNAMICS/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ THROMBOEMBOLISM, complications

8880. **Strukova SM:** Aktivatsiia protrombina immobilizovannym trombinom Biokhimiia 41(4):643–9, Apr 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ ENZYMES, IMMOBILIZED/ FACTOR X/ PEPTIDE FRAGMENTS, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ *PROTHROMBIN, metabolism/ RATS/ SEPHAROSE/ *THROMBIN, metabolism/ TRYPSIN

8881. **Strunk R, Colten HR:** Inhibition of the enzymatic activity of the first component of complement (C1) by heparin. Clin Immunol Immunopathol 6(2):248–55, Sep 76
ANGIONEUROTIC EDEMA, blood/ ANIMAL/ CAPILLARY PERMEABILITY, drug effects/ CHICK EMBRYO/ *COMPLEMENT 1, antagonists & inhibitors/ COMPLEMENT 1, metabolism/ COMPLEMENT 2, metabolism/ COMPLEMENT 4, metabolism/ *COMPLEMENT, antagonists & inhibitors/ GUINEA PIGS/ *HEPARIN, pharmacodynamics/ HUMAN/ KINETICS

8882. **Strusevich EA, Fedianina VN, Sadovnik OV, et al:** Vliianie toksicheskikh veshchestv na aktivnost' pankreaticheskikh fermentov v gigienicheskom éksperimente Gig Sanit (7):102–4, Jul 76 **(Rus)**
ANIMAL/ *CHLOROHYDRINS, toxicity/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYME ACTIVATION, drug effects/ *ETHYLENE CHLOROHYDRIN, toxicity/ *HYDROCARBONS, CHLORINATED, toxicity/ LETHAL DOSE 50/ PANCREAS, drug effects/ *PANCREAS, enzymology/ RATS/ TIME FACTORS/ TRYPSIN INHIBITORS, blood/ TRYPSIN, blood

8883. **Strydom DJ:** Snake venom toxins. Purification and properties of low-molecular-weight polypeptides of Dendroaspis polylepis polylepis (black mamba) venom. Eur J Biochem 69(1):169–76, 1 Oct 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BIOLOGICAL ASSAY/ CHYMOTRYPSIN, antagonists & inhibitors/ LETHAL DOSE 50/ MICE/ MOLECULAR WEIGHT/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, toxicity/ *SNAKE VENOMS, analysis/ TRYPSIN INHIBITORS, pharmacodynamics

8884. **Strydom DJ:** Snake venom toxins. The amino acid sequence of toxin Vi2, a homologue of pancreatic trypsin inhibitor, from Dendroaspis polylepis polylepis (black mamba) venom. Biochim Biophys Acta 491(2):361–9, 25 Apr 77
AMINO ACID SEQUENCE/ ANIMAL/ PANCREAS/ PEPTIDE FRAGMENTS, analysis/ *SNAKE VENOMS/ *TRYPSIN INHIBITORS/ TRYPSIN

8885 **Strydom DJ:** Snake venom toxins. The amino-acid sequence of a short-neurotoxin homologue from Dendroaspis polylepis polylepis (black mamba) venom. Eur J Biochem 76(1):99–106, 1 Jun 77
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ CHEMISTRY/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ PEPTIDE FRAGMENTS/ PROTEINS/ *SNAKE VENOMS/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TOXINS/ TRYPSIN

8886. **Stuart A, Young G, Grant P:** The preparation of an antiserum against human monocytes. Adv Exp Med Biol 73 Pt B:105–9, 1976
BLOOD PLATELETS, immunology/ FLUORESCENT ANTIBODY TECHNIC/ GUINEA PIGS, immunology/ HEMAGGLUTINATION TESTS/ HUMAN/ *IMMUNE SERUMS/ IMMUNE SERUMS, isolation & purification/ IMMUNOSORBENT TECHNICS/ LEUKEMIA, immunology/ LEUKOCYTES, immunology/ *MONOCYTES, immunology/ NEUTROPHILS, immunology/ THYMUS GLAND, immunology

8887. **Stuart JJ, Crocker DL, Roberts HR:** Treatment of busulfan-induced pancytopenia. Arch Intern Med 136(10):1181–3, Oct 76
ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ BUSULFAN, administration & dosage/ *BUSULFAN, adverse effects/ BUSULFAN, therapeutic use/ CASE REPORT/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ERYTHROCYTES, transplantation/ HUMAN/ LEUKEMIA, MYELOCYTIC, drug therapy/ MALE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8888. **Stuart MJ, Holmsen H:** Hydrogen peroxide, an inhibitor of platelet function: effect on adenine nucleotide metabolism, and the release reaction. Am J Hematol

2(1):53-63, 1977
*ADENINE NUCLEOTIDES, metabolism/ ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ *BLOOD PLATELETS, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ *HYDROGEN PEROXIDE, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ TIME FACTORS

8889. **Stubbings DP, Gilbert FR, Giles N, et al:** An organophosphorus worming compound and paraplegia in pigs. Vet Rec 99(7):127-8, 14 Aug 76
ANIMAL/ *ANTHELMINTICS, toxicity/ *COUMARINS, toxicity/ FEMALE/ *ORGANOPHOSPHORUS COMPOUNDS, toxicity/ PARAPLEGIA, chemically induced/ *PARAPLEGIA, veterinary/ *SWINE DISEASES, chemically induced/ SWINE

8890. **Studd JW, Wood S:** Serum and urinary proteins in pregnancy. Obstet Gynecol Annu 5:103-23, 1976
*BLOOD PROTEINS/ BLOOD PROTEINS, analysis/ DIET THERAPY/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INFANT, NEWBORN/ INFECTION, etiology/ KIDNEY GLOMERULUS, ultrastructure/ NEPHROTIC SYNDROME, complications/ NEPHROTIC SYNDROME, therapy/ PERMEABILITY/ PRE-ECLAMPSIA, blood/ PRE-ECLAMPSIA, complications/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, blood/ PREGNANCY COMPLICATIONS, urine/ PREGNANCY/ *PROTEINURIA/ PROTEINURIA, diagnosis/ PULMONARY EMBOLISM, etiology

8891. **Stuhlmiller GM, Seigler HF:** Enzymatic susceptibility and spontaneous release of human melanoma tumor-associated antigens. J Natl Cancer Inst 58(2):215-21, Feb 77
*ANTIGENS, NEOPLASM, isolation & purification/ CELL MEMBRANE, immunology/ *ENZYMES, pharmacodynamics/ HUMAN/ *MELANOMA, immunology/ METHODS/ NEURAMINIDASE, pharmacodynamics/ PRONASE, pharmacodynamics/ SOLUBILITY/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8892. **Stuhlsatz HW, Enzensberger W, Greiling H:** Protein binding to monosodium urate crystals and its effect on platelet degranulation. Influence of urate on connective tissue metabolism. Adv Exp Med Biol 76B:195-200, 1977
ACETYLGLUCOSAMINIDASE, antagonists & inhibitors/ ACETYLGLUCOSAMINIDASE, metabolism/ BENZBROMARONE, pharmacodynamics/ *CONNECTIVE TISSUE, metabolism/ GLYCOSAMINOGLYCANS, metabolism/ GOUT, metabolism/ HEPARIN, pharmacodynamics/ HYALURONIDASE, metabolism/ LYSOSOMES, enzymology/ MODELS, BIOLOGICAL/ PROTEOGLYCANS, metabolism/ SOLUBILITY/ SYNOVIAL FLUID, metabolism/ *URIC ACID, metabolism

8893. **Stulliken EH Jr, Sokoll MD:** The effects of heparin on recovery from ischemic brain injuries in cats. Anesth Analg (Cleve) 55(5):683-7, Sep-Oct 76
ANIMAL/ CATS/ *CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, prevention & control/ *DISEASE MODELS, ANIMAL/ *HEPARIN, therapeutic use/ TIME FACTORS

8894. **Stupp H:** Die medikamentöse Therapieder Menièreschen Krankheit Arch Otorhinolaryngol (NY) 212(4):375-84, 16 Sep 76 **(Ger)**
ANESTHETICS, LOCAL, administration & dosage/ ANTIBIOTICS, administration & dosage/ BETAHISTINE, therapeutic use/ BLOOD VISCOSITY, drug effects/ CARBON DIOXIDE, therapeutic use/ DIURETICS, therapeutic use/ GLYCERIN, therapeutic use/ HISTAMINE, therapeutic use/ HYPERBARIC OXYGENATION/ HYPERTONIC SOLUTIONS/ HYPNOTICS AND SEDATIVES, therapeutic use/ MENIERE'S DISEASE, diet therapy/ MENIERE'S DISEASE, drug therapy/ *MENIERE'S DISEASE, therapy/ PAPAVERINE, therapeutic use/ SYMPATHECTOMY/ SYMPATHOLYTICS, therapeutic use/ SYMPATHOMIMETICS, therapeutic use/ TRANQUILIZING AGENTS, therapeutic use

8895. **Stupp SI, Kauffman JW, Carr SH:** Interactions between segmented polyurethane surfaces and the plasma protein fibrinogen. J Biomed Mater Res 11(2):237-50, Mar 77
ADSORPTION/ CHEMISTRY/ *FIBRINOGEN/ GLASS/ POLYETHYLENE TEREPHTHALATE/ *POLYURETHANES/ POLYURETHANES, analysis/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, INFRARED/ SURFACE PROPERTIES

8896. **Sturm V, Gruber UF:** Die Verhütung der postoperativen thromboembolischen Komplikationen Hippokrates 48(1):52-61, Feb 77 **(Ger)**
ANTICOAGULANTS, therapeutic use/ FEMALE/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

8897. **Sturman LS, Holmes KV:** Characterization of coronavirus II. Glycoproteins of the viral envelope: tryptic peptide analysis. Virology 77(2):650-60, Apr 77
BROMELAINS/ *CORONAVIRUSES, analysis/ CORONAVIRUSES, ultrastructure/ FUCOSE/ GLUCOSAMINE/ *GLYCOPROTEINS, analysis/ METHIONINE/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PRONASE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VALINE

8898. **Sturman LS:** I. Structural proteins: effects of preparative conditions on the migration of protein in polyacrylamide gels. Virology 77(2):637-49, Apr 77
AMINO ACIDS, analysis/ BROMELAINS, pharmacodynamics/ *CORONAVIRUSES, analysis/ DITHIOTHREITOL, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HEAT/ MERCAPTOETHANOL, pharmacodynamics/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ SODIUM DODECYL SULFATE/ *VIRAL PROTEINS, isolation & purification

8899. **Sturman SW, Malkinson FD:** Staphylococcal scalded skin syndrome in an adult and a child. Arch Dermatol 112(9):1275-9, Sep 76
ADULT/ CASE REPORT/ COAGULASE, analysis/ *EPIDERMAL NECROLYSIS, TOXIC, etiology/ EPIDERMAL NECROLYSIS, TOXIC, microbiology/ EPIDERMAL NECROLYSIS, TOXIC, pathology/ FEMALE/ HUMAN/ INFANT/ MALE/ *STAPHYLOCOCCAL INFECTIONS/ STAPHYLOCOCCAL INFECTIONS, immunology/ STAPHYLOCOCCAL INFECTIONS, microbiology/ STAPHYLOCOCCUS, enzymology

8900. **Stürzebecher J, Markwardt F, Richter P, et al:** Synthetische Inhibitoren der Serinproteinasen. 8. Uber die Hemmung von Trypsin, Plasmin und Thrombin durch Amidinophenylverbindungen mit Ketonstruktur Pharmazie 31(7):458-61, Jul 76 **(Ger)**
ACYLATION/ *AMIDINES, pharmacodynamics/ *ANTITHROMBINS/ BINDING SITES/ CHEMISTRY/ *FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ *KETONES, pharmacodynamics/ *TRYPSIN INHIBITORS

8901. **Stürzebecher J, Markwardt F, Walsmann P:** Synthetic inhibitors of serine proteinases XIV.+) inhibition of Factor Xa by derivatives of benzamidine. Thromb Res 9(6):637-46, Dec 76
*AMIDINES, pharmacodynamics/ ANIMAL/ *BENZAMIDINES, pharmacodynamics/ BLOOD COAGULATION/ CATTLE/ *FACTOR X, antagonists & inhibitors

8902. **Stürzebecher J, Markwardt F, Voigt B, et al:** Synthetische Inhibitoren der Serinproteinasen. 10. Mitteilung: Untersuchungen zur Hemmung von Trypsin, Plasmin und Thrombin durch 4-Amidinophenylaralkanone Pharmazie 31(12):886-8, 1976 **(Ger)**
*ACETOPHENONES, pharmacodynamics/ *AMIDINES, pharmacodynamics/

*FIBRINOLYSIN, antagonists & inhibitors/ *THROMBIN, antagonists & inhibitors/ *TRYPSIN INHIBITORS

8903. **Stürzebecher J, Markwardt F, Wagner G, et al:** Synthetische Hemmstoffe der Serinproteinasen. 13. Quantitative Struktur-Wirkungs-Beziehungen bei der Hemmung von Trypsin, Plasmin und Thrombin durch 4-Amidinophenylverbindungen mit Ketonstruktur Acta Biol Med Ger 35(12):1665-76, 1976 (Eng. Abstr.) **(Ger)**
BINDING SITES/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ *KETONES, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ STRUCTURE-ACTIVITY RELATIONSHIP/ *THROMBIN, antagonists & inhibitors/ *TRYPSIN INHIBITORS, blood

8904. **Stüttgen G:** Mediatorenmechanismen in der menschlichen Haut Z Hautkr 51 Suppl 2:65-70, 1976 **(Ger)**
ANGIONEUROTIC EDEMA, physiopathology/ COMPLEMENT 1, antagonists & inhibitors/ ENZYME INHIBITORS, pharmacodynamics/ HISTAMINE H1 RECEPTOR BLOCKADERS, pharmacodynamics/ HISTAMINE H1 RECEPTOR BLOCKADERS/ HISTAMINE, physiology/ HUMAN/ KALLIKREIN, antagonists & inhibitors/ KALLIKREIN, physiology/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ SKIN DISEASES, drug therapy/ *SKIN DISEASES, physiopathology/ *SKIN, physiology/ SLOW-REACTING SUBSTANCES, antagonists & inhibitors/ SLOW-REACTING SUBSTANCES, physiology

8905. **Suaudeau J, Kolobow T:** Fresh platelet-rich plasma from a flow-through centrifuge for lamb heart perfusion at 13degrees C. Protective effect of added erythrocytes. J Thorac Cardiovasc Surg 72(5):769-77, Nov 76
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ EDEMA, CARDIAC, prevention & control/ *ERYTHROCYTES/ *HEART/ HEART, physiopathology/ HEMATOCRIT/ *ORGAN PRESERVATION/ *PERFUSION/ *PLASMA/ SHEEP/ TEMPERATURE/ *TISSUE PRESERVATION/ VASCULAR RESISTANCE

8906. **Subbarao K, Rucinski B, Niewiarowski S:** Effect of dipyridamole and its monoglucuronide derivative on adenosine uptake by human platelets and ADP-induced platelet aggregation. Biochem Pharmacol 26(9):906-7, 1 May 77
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ADENOSINE, blood/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ *DIPYRIDAMOLE, analogs & derivatives/ DIPYRIDAMOLE, blood/ *DIPYRIDAMOLE, pharmacodynamics/ DRUG INTERACTIONS/ GLUCURONATES, pharmacodynamics/ GLYCOPROTEINS, blood/ HUMAN/ IN VITRO/ *PLATELET AGGREGATION, drug effects/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8907. **Subbarao K, Rucinski B, Rausch MA, et al:** Binding of dipyridamole to human platelets and to alpha1 acid glycoprotein and its significance for the inhibition of adenosine uptake. J Clin Invest 60(4):936-43, Oct 77
ADENINE NUCLEOTIDES, blood/ *ADENOSINE, blood/ BINDING, COMPETITIVE/ BIOLOGICAL TRANSPORT, drug effects/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ DIPYRIDAMOLE, blood/ *DIPYRIDAMOLE, pharmacodynamics/ *GLYCOPROTEINS, blood/ HUMAN/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8908. **Subramanian E, Swan ID, Liu M, et al:** Homology among acid proteases: comparison of crystal structures at 3A resolution of acid proteases from Rhizopus chinensis and Endothia parasitica. Proc Natl Acad Sci USA 74(2):556-9, Feb 77
*ASCOMYCETES, enzymology/ BINDING SITES/ COMPARATIVE STUDY/ GOLD/ MERCURY/ MODELS, STRUCTURAL/ [illegible] *PEPTIDE HYDROLASES/ PLATINUM/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *RHIZOPUS, enzymology/ SPECIES SPECIFICITY/ *SPHAERIALES, enzymology/ URANIUM/ X-RAY DIFFRACTION

8909. **Sue TK, Jaques LB, Yuen E:** Effects of acidity, cations and alcoholic fractionation on absorption of heparin from gastrointestinal tract. Can J Physiol Pharmacol 54(4):613-7, Aug 76
ANIMAL/ ANTICOAGULANTS/ CATTLE/ HEPARIN, isolation & purification/ *HEPARIN, metabolism/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ *INTESTINAL ABSORPTION, drug effects/ INTESTINE, SMALL, metabolism/ MALE/ METALS, pharmacodynamics/ MICE/ MOLECULAR WEIGHT/ STOMACH, metabolism

8910. **Sue TK, Jaques LB:** Susceptibility to experimental atherosclerosis: relation to mast cells and heparin. Atherosclerosis 25(1):137-9, Oct 76
ANIMAL/ *ARTERIOSCLEROSIS, metabolism/ ATHEROSCLEROSIS, etiology/ *ATHEROSCLEROSIS, metabolism/ ATHEROSCLEROSIS, pathology/ CELL COUNT/ CHICKENS/ CHONDROITIN SULFATES, metabolism/ COMPARATIVE STUDY/ DERMATAN SULFATE, metabolism/ DOGS/ FEMALE/ *HEPARIN, biosynthesis/ HEPARITIN SULFATE, metabolism/ MALE/ *MAST CELLS, metabolism/ MAST CELLS, pathology/ PERITONEUM, metabolism/ PERITONEUM, pathology/ RATS/ SPLEEN, metabolism/ SPLEEN, pathology

8911. **Suemori I:** [Experimental study on dibutyryl cyclic AMP: (2) anti-shock effects] Jpn J Anesthesiol 25(6):547-57, Jun 76 (Eng. Abstr.) **(Jpn)**
ANIMAL/ COMPARATIVE STUDY/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DIBUTYRYL CYCLIC AMP, therapeutic use/ ENGLISH ABSTRACT/ HYDROCORTISONE, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MALE/ RATS/ *SHOCK, TRAUMATIC, drug therapy

8912. **Sugarbaker EV, Ketcham AS:** Mechanisms and prevention of cancer dissemination: an overview. Semin Oncol 4(1):19-32, Mar 77
ANIMAL/ ANTICOAGULANTS, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/ CAPILLARY PERMEABILITY, drug effects/ CELL ADHESION, drug effects/ CELL MOVEMENT, drug effects/ HUMAN/ IMMUNITY, CELLULAR/ LYMPHATIC METASTASIS, prevention & control/ MITOSIS, drug effects/ NEOPLASM CIRCULATING CELLS/ NEOPLASM INVASIVENESS/ *NEOPLASM METASTASIS, prevention & control/ NEOPLASM SEEDING/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, prevention & control/ ORGAN SPECIFICITY/ RADIOTHERAPY DOSAGE/ THROMBOSIS, prevention & control

8913. **Sugarman MM, Sugarman EF:** Precocious periodontitis: a clinical entity and a treatment responsibility. J Periodontol 48(7):397-409, Jul 77
ADOLESCENCE/ ADULT/ AGE FACTORS/ ALVEOLOPLASTY/ ABO BLOOD-GROUP SYSTEM/ BACTERIA, cytology/ BONE AND BONES, transplantation/ CASE REPORT/ CHILD/ FEMALE/ GINGIVAL EXUDATE, secretion/ GINGIVAL POCKET, surgery/ HUMAN/ KALLIKREIN, physiology/ MALE/ NOMENCLATURE/ ORAL HYGIENE/ PERIODONTAL DISEASES, blood/ PERIODONTAL DISEASES, etiology/ PERIODONTAL DISEASES, familial & genetic/ PERIODONTAL DISEASES, metabolism/ PERIODONTAL DISEASES, microbiology/ PERIODONTITIS, etiology/ PERIODONTITIS, immunology/ PERIODONTITIS, microbiology/ *PERIODONTITIS, pathology/ PERIODONTITIS, surgery/ PROGNOSIS/ SEX FACTORS/ TRANSPLANTATION, AUTOLOGOUS

8914. **Sugawara H:** [A study on vascular changes of the retina by trypsin digestion method, especially in reference to

the mechanism of microaneurysmal formation (author's transl)] Acta Soc Ophthalmol Jpn 80(12):1658–67, 10 Dec 76 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ AGED/ *ANEURYSM, pathology/ *CAPILLARIES, ultrastructure/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IN VITRO/ MALE/ MIDDLE AGE/ *RETINAL VESSELS, ultrastructure/ *TRYPSIN, pharmacodynamics

8915. **Sugden PH, Corbin JD:** Adenosine 3':5'-cyclic monophosphate-binding proteins in bovine and rat tissues. Biochem J 159(2):423–7, Nov 76
ADENINE NUCLEOTIDES, metabolism/ ADENINE, metabolism/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE, metabolism/ AGING/ ANIMAL/ BINDING, COMPETITIVE/ CARRIER PROTEINS, isolation & purification/ *CARRIER PROTEINS, metabolism/ CARRIER PROTEINS, physiology/ CATTLE/ CHROMATOGRAPHY, AGAROSE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ HISTONES/ HYDROGEN-ION CONCENTRATION/ LIVER, analysis/ MOLECULAR WEIGHT/ PROTEIN KINASE, metabolism/ RATS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8916. **Sugisaka N, Petracek FJ:** Rapid molecular size characterization of heparins by high pressure liquid chromatography. Fed Proc 36(1):89–92, Jan 77
CATTLE/ CHROMATOGRAPHY, HIGH SPEED LIQUID/ *HEPARIN/ INTESTINAL MUCOSA/ LUNG/ MOLECULAR WEIGHT/ SWINE

8917. **Sugiura K, Kurita K, Yasumi T, et al:** [A case of thrombocytopenic purpura with hyperthyroidism complicated by enlarged thymus (author's transl)] Jpn J Clin Hematol 18(1):66–72, Jan 77 (Eng. Abstr.) **(Jpn)**
ADULT/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, pathology/ MALE/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, pathology/ *THYMUS GLAND, pathology

8918. **Sugiura M, Hiraoka K, Ohkawa S, et al:** A clinicopathological study on cardiac lesions in 64 cases of disseminated intravascular coagulation. Jpn Heart J 18(1):57–69, Jan 77
ADULT/ AGED/ AUTOPSY/ CORONARY DISEASE, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, occurrence/ ELECTROCARDIOGRAPHY/ ENDOCARDITIS, etiology/ FEMALE/ *HEART DISEASES, etiology/ HEART DISEASES, occurrence/ HEART DISEASES, pathology/ HUMAN/ JAPAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, etiology/ THROMBOSIS, etiology

8919. **Sugiura M, Isobe M, Oikawa T, et al:** Sterol ester hydrolytic activity of lipoprotein lipase from Pseudomonas fluorescence. Chem Pharm Bull (Tokyo) 24(6):1202–8, Jun 76
ESTERS, metabolism/ HYDROLYSIS/ *LIPOPROTEIN LIPASE, metabolism/ *PSEUDOMONAS FLUORESCENS, enzymology/ *STEROLS, metabolism

8920. **Sugiura M, Iwasaki K, Kato R:** Reduced nicotinamide adenine dinucleotide-dependent reduction of tertiary amine N-oxide by liver microsomal cytochrome P-450. Biochem Pharmacol 26(6):489–95, 15 Mar 77
*AMINES, metabolism/ ANIMAL/ *CYTOCHROME P-450, metabolism/ CYTOCHROME REDUCTASES, metabolism/ CYTOCHROMES, metabolism/ FEMALE/ FMN, pharmacodynamics/ KINETICS/ MALE/ METHYLCHOLANTHRENE, pharmacodynamics/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ *NAD, metabolism/ NADH, NADPH OXIDOREDUCTASES, metabolism/ OXIDATION-REDUCTION/ *OXIDES, metabolism/ PHENOBARBITAL, pharmacodynamics/ RATS/ SUBTILISINS/ TRYPSIN

8921. **Sugiura M, Ito Y, Hirano K, et al:** Purification and properties of human liver peptidase. Biochim Biophys Acta 481(2):578–85, 12 Apr 77
CATIONS, DIVALENT/ DIPEPTIDES/ ENZYME ACTIVATION/ HUMAN/ IRON, pharmacodynamics/ KINETICS/ LEUCINE/ LIVER DISEASES, enzymology/ *LIVER, enzymology/ MANGANESE, pharmacodynamics/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

8922. **Sugiura M, Ito Y, Hirano K, et al:** A new method for peptidase activity measurement in serum and tissues, using L-Leu-L-Leu as substrate. Clin Chim Acta 78(3):381–9, 1 Aug 77
ADULT/ AGED/ ALANINE AMINOTRANSFERASE, blood/ AMINO ACID OXIDOREDUCTASES/ ASPARTATE AMINOTRANSFERASE, blood/ CARBON TETRACHLORIDE POISONING, diagnosis/ CHILD/ *DIPEPTIDES, metabolism/ ENZYME TESTS/ FEMALE/ HEPATITIS, diagnosis/ HEPATOMA, diagnosis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LEUCINE/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, blood/ RATS

8923. **Suinat JL, Barre J, Scheydeker JL, et al:** Une complication du cathétérisme sous-clavier: l'embolie pulmonaire a l'ablation. (A propos de deux cas)
Anesth Analg (Paris) 33(5):853–8, Sep-Oct 76 **(Fre)**
ADULT/ CASE REPORT/ *CATHETERIZATION, adverse effects/ ELECTROCARDIOGRAPHY/ HUMAN/ LUNG, radiography/ MALE/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, etiology/ SUBCLAVIAN ARTERY

8924. **Sukhanov AA, Sukhanov VA:** Primenenie nizkomolekuliarnogo dekstrana dlia profilaktiki tromboza u khirurgicheskikh bol'nykh (obzor literatury)
Khirurgiia (Mosk) (10):133–5, Oct 76 **(Rus)**
*DEXTRAN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOSIS, prevention & control

8925. **Sukhomlinov BF, Datskiv MZ, Maleeva II:** Sravnitel'noe izuchenie mioglobinov olenia Rangifer tarandus, losia Alces alces i iziubria Cervus elsphus xenthopygus Zh Evol Biokhim Fiziol 13(2):157–61, Mar-Apr 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ CATALYSIS/ CHEMISTRY/ CHROMATOGRAPHY, GEL/ COMPARATIVE STUDY/ *DEER, metabolism/ ELECTROPHORESIS, AGAR GEL/ ENGLISH ABSTRACT/ *MYOGLOBIN, analysis/ PROTEIN CONFORMATION/ REINDEER, metabolism/ TRYPSIN

8926. **Sulakhe SJ, Leung NL, Sulakhe PV:** Properties of particulate, membrane-associated and soluble guanylate cyclase from cardiac muscle, skeletal muscle, cerebral cortex and liver. Biochem J 157(3):713–9, 1 Sep 76
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL/ CALCIUM, pharmacodynamics/ CELL MEMBRANE, enzymology/ *CEREBRAL CORTEX, enzymology/ GUANOSINE TRIPHOSPHATE, metabolism/ GUANYL CYCLASE, antagonists & inhibitors/ *GUANYL CYCLASE, metabolism/ GUINEA PIGS/ KINETICS/ *LIVER, enzymology/ MANGANESE/ *MUSCLES, enzymology/ *MYOCARDIUM, enzymology/ PHOSPHOLIPASE, pharmacodynamics/ PYROPHOSPHATES, pharmacodynamics/ RABBITS/ RATS/ SUBCELLULAR FRACTIONS/ TRYPSIN, pharmacodynamics

8927. **Sulek K, Kaczorowski J:** Przypadek małopłytkowosci o polłozu alergicznym Wiad Lek 29(23):2145–8, 1 Dec 76 **(Pol)**
AGED/ CASE REPORT/ *DRUG HYPERSENSITIVITY, complications/ HUMAN/ MALE/ QUINIDINE, adverse effects/

*THROMBOPENIA, etiology

8928. **Sulek K, Kaczorowski J:** Torbiel Bakera imitująca zakrzepowe zapalenie żył podudzia Wiad Lek 30(8):643–5, 15 Apr 77 **(Pol)**
ADULT/ BURSITIS, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *KNEE JOINT/ LEG, blood supply/ SYNDROME/ *SYNOVIAL CYST, diagnosis/ *THROMBOPHLEBITIS, diagnosis

8929. **Sullivan B, Bonaventura J, Bonaventura C, et al:** Hemocyanin of the horseshoe crab, Limulus polyphemus. Structural differentiation of the isolated components. J Biol Chem 251(23):7644–8, 10 Dec 76
AMINO ACIDS, analysis/ ANIMAL/ *ARTHROPODS, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *HEMOCYANIN/ *LIMULUS, analysis/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8930. **Sullivan J, Stanfield CN, Dackis C:** Platelet MAO activity in schizophrenia and other psychiatric illnesses. Am J Psychiatry 134(10):1098–1103, Oct 77
ADULT/ *BLOOD PLATELETS, enzymology/ CHRONIC DISEASE/ HUMAN/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ *SCHIZOPHRENIA, enzymology/ SCHIZOPHRENIA, PARANOID, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8931. **Sullivan JD Jr, Watson SW:** Inhibitory effect of heparin on the Limulus test for endotoxin. J Clin Microbiol 2(2):151, AUG 76
CALCIUM, pharmacodynamics/ *ENDOTOXINS, analysis/ *HEPARIN, pharmacodynamics/ *KLEBSIELLA PNEUMONIAE, analysis/ METHODS/ SODIUM CHLORIDE, pharmacodynamics

8932. **Sullivan JL, Dackis C, Stanfield C:** In vivo inhibition of platelet MAO activity by tricyclic antidepressants. Am J Psychiatry 134(2):188–90, Feb 77
ADULT/ *AMITRIPTYLINE, pharmacodynamics/ AMITRIPTYLINE, therapeutic use/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ DEPRESSION, blood/ DEPRESSION, drug therapy/ HUMAN/ *IMIPRAMINE, pharmacodynamics/ IMIPRAMINE, therapeutic use/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE INHIBITORS/ MONOAMINE OXIDASE, blood/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

8933. **Sullivan LW, Adams WH, Liu YK:** Induction of thrombocytopenia by thrombopheresis in man: patterns of recovery in normal subjects during ethanol ingestion and abstinence. Blood 49(2):197–207, Feb 77
ADULT/ *ALCOHOL, ETHYL, pharmacodynamics/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION/ BONE MARROW CELLS/ CELL COUNT/ EPINEPHRINE, pharmacodynamics/ HEMATOPOIESIS/ HUMAN/ MALE/ MEGAKARYOCYTES/ *THROMBOPENIA, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8934. **Sultan Y, Rossi J:** Méthode de mesure de l'activité Willebrand sur plaque de microtitration Nouv Presse Med 6(1):44–6, Jan 77 **(Fre)**
*BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS, analysis/ HUMAN/ METHODS/ PLATELET ADHESIVENESS/ *VON WILLEBRAND FACTOR, analysis/ *VON WILLEBRAND'S DISEASE, diagnosis

8935. **Sultan Y, Bouma BN, de Graaf S, et al:** Factor VIII related antigen in platelets of patients with Von Willebrand's disease. Thromb Res 11(1):23–30, Jul 77
*ANTIGENS, analysis/ *BLOOD PLATELETS, immunology/ *FACTOR VIII, immunology/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ MALE/ *VON WILLEBRAND'S DISEASE, immunology

8936. **Sultan Y, Maisonneuve P, Simeon J, et al:** Modifications of factor VIII related antigen in hemophiliacs with acute hepatitis and sub-clinical liver disease. Scand J Haematol (30):16–26, 1977
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ *ANTIGENS/ ANTIGENS, analysis/ BLOOD TRANSFUSION/ CASE REPORT/ *FACTOR VIII, immunology/ *HEMOPHILIA, complications/ HEMOPHILIA, immunology/ *HEPATITIS B, complications/ HUMAN/ *LIVER DISEASES, immunology/ MALE

8937. **Sultzer BM, Nilsson BS, Kirschenbaum D:** Nonspecific stimulation of lymphocytes by tuberculin. Infect Immun 15(3):799–806, Mar 77
ANIMAL/ *ANTIBODY FORMATION/ B-LYMPHOCYTES, immunology/ CHYMOTRYPSIN/ ENDOTOXINS, analysis/ *LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, immunology/ MICE/ MICE, INBRED CBA/ MICE, INBRED C3H/ *TUBERCULIN/ TUBERCULIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8938. **Sümegi J, Udvardy A, Venetianer P:** In vitro transcription of the ribosomal RNA genes of E. coli DNA. Mol Gen Genet 151(3):305–12, 16 Mar 77
DNA, BACTERIAL/ *ESCHERICHIA COLI/ ESCHERICHIA COLI, enzymology/ GENES/ HEPARIN, pharmacodynamics/ IN VITRO/ RNA POLYMERASES, metabolism/ *RNA, RIBOSOMAL, biosynthesis/ TEMPLATES/ *TRANSCRIPTION, GENETIC

8939. **Sumi H, Minakata K, Takada Y, et al:** [Trypsin inhibitors in human urine (author's transl)] J Physiol Soc Jpn 39(3):53–8, Mar 77 (Eng. Abstr.) **(Jpn)**
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MOLECULAR WEIGHT/ *TRYPSIN INHIBITORS, urine

8940. **Summaria L, Robbins KC:** Isolation of a human plasmin-derived, functionally active, light (B) chain capable of forming with streptokinase an equimolar light (B) chain-streptokinase complex with plasminogen activator activity. J Biol Chem 251(18):5810–13, 25 Sep 76
AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CATTLE/ DIURON/ *FIBRINOLYSIN/ FIBRINOLYSIN, metabolism/ HUMAN/ MACROMOLECULAR SYSTEMS/ *PLASMINOGEN, metabolism/ PROTEIN BINDING/ SPECIES SPECIFICITY/ *STREPTOKINASE/ STREPTOKINASE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8941. **Summaria L, Boreisha IG, Arzadon L, et al:** Activation of human Glu-plasminogen to Glu-plasmin by urokinase in presence of plasmin inhibitors. Streptomyces leupeptin and human plasma alpha1-antitrypsin and antithrombin III (plus heparin). J Biol Chem 252(11):3945–51, 10 Jun 77
*ALPHA 1-ANTITRYPSIN, pharmacodynamics/ *ANTITHROMBINS, pharmacodynamics/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, biosynthesis/ GLUTAMINE/ HEPARIN, pharmacodynamics/ HUMAN/ *LEUPEPTINS, pharmacodynamics/ LYSINE/ *OLIGOPEPTIDES, pharmacodynamics/ PLASMINOGEN ACTIVATORS/ *PLASMINOGEN, metabolism/ STREPTOMYCES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UROKINASE, pharmacodynamics

8942. **Sumoza A, Fairbanks VF, Pineda AA:** Restoration of hemoglobin function in stored EDTA blood. Application in identification of hemoglobin variants with abnormal oxygen affinity. Am J Clin Pathol 68(1):53–6, Jul 77
*BLOOD PRESERVATION/ DIPHOSPHOGLYCERIC ACIDS, blood/ *EDTA/ FEMALE/ *HEMOGLOBINS, physiology/ HEMOGLOBINS, ABNORMAL/ HUMAN/ MALE/ OXYGEN CONSUMPTION/ OXYGEN, blood

8943. **Sun FF:** Biosynthesis of thromboxanes in human platelets.

I. Characterization and assay of thromboxane synthetase. Biochem Biophys Res Commun 74(4):1432–40, 21 Feb 77
*BLOOD PLATELETS, metabolism/ HUMAN/ *HYDROXY ACIDS, biosynthesis/ HYDROXY ACIDS, blood/ KINETICS/ MICROSOMES, metabolism/ *OXIDOREDUCTASES, biosynthesis/ OXIDOREDUCTASES, blood/ PEROXIDES, blood/ PROSTAGLANDINS, blood/ *PYRANS, biosynthesis/ PYRANS, blood/ SUBCELLULAR FRACTIONS, enzymology

8944. **Sund ML, Linder L:** Autolysis in strains of viridans streptococci. J Gen Microbiol 96(1):87–94, Sep 76
AMINO ACIDS, metabolism/ BACTERIOLYSIS/ CELL WALL, metabolism/ HYDROGEN-ION CONCENTRATION/ OSMOLAR CONCENTRATION/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PHOSPHATES/ SPECIES SPECIFICITY/ STREPTOCOCCUS MUTANS, metabolism/ STREPTOCOCCUS SANGUIS, metabolism/ *STREPTOCOCCUS, metabolism/ TEMPERATURE

8945. **Suomela H:** Human coagulation factor IX. Isolation and characterization. Eur J Biochem 71(1):145–54, Dec 76
AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, AFFINITY/ *FACTOR IX/ FACTOR IX, isolation & purification/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ ISOELECTRIC FOCUSING/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ TYROSINE, analysis

8946. **Suomela H, Blombäck M, Blombäck B:** The activation of factor X evaluated by using synthetic substrates. Thromb Res 10(2):267–81, Feb 77
AMINO ACID SEQUENCE/ ANILIDES/ CALCIUM, metabolism/ FACTOR IX, metabolism/ FACTOR VIII, metabolism/ *FACTOR X, metabolism/ HUMAN/ NITRO COMPOUNDS/ PROTEIN BINDING/ PROTEINS/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8947. **Suomela H, Myllylä G, Raaska E:** Preparation and properties of a therapeutic factor IX concentrate. Vox Sang 33(1):37–50, Jul 77
*CHRISTMAS DISEASE, therapy/ *FACTOR IX, isolation & purification/ FACTOR IX, therapeutic use/ HEPATITIS B, transmission/ HUMAN/ METHODS

8948. **Suppipat N, Suppipat N:** Evaluation of an electronic device for gingival fluid quantitation. J Periodontol 48(7):388–94, Jul 77
ANIMAL/ BLOOD VISCOSITY/ COMPARATIVE STUDY/ *DENTAL EQUIPMENT/ *ELECTRONICS, MEDICAL, instrumentation/ *GINGIVA, analysis/ *GINGIVAL EXUDATE, analysis/ GUINEA PIGS/ HUMIDITY/ NINHYDRIN/ OSMOLAR CONCENTRATION/ SODIUM CHLORIDE/ STAINS AND STAINING/ TEMPERATURE/ VISCOSITY/ WATER

8949. **Suri BS, Targ ME, Robinson DS:** Metabolism of very-low-density lipoproteins by the extrahepatic tissues of the rat. Biochem Soc Trans 4(2):282–5, 1976
ANIMAL/ CHOLESTEROL, blood/ DIAPHRAGM, physiology/ *LIPOPROTEIN LIPASE, metabolism/ *LIPOPROTEINS, VLDL/ LIPOPROTEINS, VLDL, blood/ LIVER, enzymology/ MALE/ ORGAN SPECIFICITY/ RATS/ TRIGLYCERIDES, blood

8950. **Surovikina MS, Odinokova VA, Paleev NR, et al:** Deĭstvie antikininovykh veshchestv na techenie eksperimental'nogo miokardita Kardiologiia 16(9):84–9, Sep 76 (Eng. Abstr.) **(Rus)**
AMINOCAPROIC ACIDS, therapeutic use/ ANIMAL/ ASPIRIN, therapeutic use/ COMPARATIVE STUDY/ DRUG EVALUATION/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ INDOMETHACIN, therapeutic use/ KALLIKREIN, blood/ *KALLIKREIN-TRYPSIN INACTIVATOR/ KININASE I, blood/ KININASE II, blood/ KININS, blood/ MYOCARDITIS, blood/ *MYOCARDITIS, drug therapy/ PYRIDINOLCARBAMATE, therapeutic use/ RABBITS

8951. **Surovikina MS, Odinokova VA, Paleev NR, et al:** Izmeneniia komponentov kininovoĭ systemy i struktury miokarda pod vliianiem antikininovykh preparatov pri allergicheskom miokardite u krolikov Biull Eksp Biol Med 82(8):979–81, Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ ASPIRIN, therapeutic use/ ENGLISH ABSTRACT/ *HEART, drug effects/ HYPERSENSITIVITY, drug therapy/ *HYPERSENSITIVITY, physiopathology/ INDOMETHACIN, therapeutic use/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ KININASE I, metabolism/ KININASE II, metabolism/ KININOGENS/ *KININS, antagonists & inhibitors/ MYOCARDITIS, drug therapy/ *MYOCARDITIS, physiopathology/ MYOCARDIUM, metabolism/ *MYOCARDIUM, pathology/ PYRIDINOLCARBAMATE, therapeutic use/ RABBITS/ 6-AMINOCAPROIC ACID, therapeutic use

8952. **Süss KH, Schmidt O, Machold O:** The action of proteolytic enzymes on chloroplast thylakoid membranes. Biochim Biophys Acta 448(1):103–13, 21 Sep 76
*CHLOROPLASTS, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GRANA, metabolism/ LIPIDS, analysis/ *MEMBRANES, metabolism/ MEMBRANES, ultrastructure/ PIGMENTS, analysis/ PLANT PROTEINS, analysis/ PLANTS/ PRONASE/ PROTEIN BINDING/ SODIUM DODECYL SULFATE/ TRYPSIN

8953. **Sussman II, Weiss HJ:** Spontaneous aggregation of low molecular weight factor viii and its prevention by 2mm cacl2. Thromb Res 9(3):267–76, Sep 76
CALCIUM CHLORIDE/ CHROMATOGRAPHY, GEL/ *FACTOR VIII/ HUMAN/ MOLECULAR WEIGHT/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8954. **Suter AH, Jesdinsky-Buscher C:** Detection of the carrier of haemophilia [letter]. Br Med J 1(6062):708–9, 12 Mar 77
BLOOD COAGULATION TESTS/ *HEMOPHILIA, diagnosis/ HUMAN

8955. **Suter PM, Sadowski J, Gemperle M, et al:** Cardiocirculatory and biochemical effects of dextran 1.8% and ringer's lactate after minor surgical procedures. Infusionsther Klin Ernaehr 3(6):327–9, Dec 76
ADOLESCENCE/ ADULT/ BLOOD COAGULATION, drug effects/ *DEXTRAN, pharmacodynamics/ FEMALE/ HEMODYNAMICS, drug effects/ HUMAN/ *LACTATES, pharmacodynamics/ MALE/ PLASMA SUBSTITUTES/ PLASMA VOLUME, drug effects

8956. **Suter PM, Gemperle M, Gardaz JP:** Notwendige und mögliche Uberwachung der Atmung während der Narkose. Klin Anaesthesiol Intensivther (12):142–62, 1976 **(Ger)**
ADULT/ *ANESTHESIA, GENERAL/ ATELECTASIS, prevention & control/ BLOOD GAS ANALYSIS/ FEMALE/ HEMOTHORAX, prevention & control/ HUMAN/ *MONITORING SYSTEMS/ OXYGEN CONSUMPTION/ PNEUMOTHORAX, prevention & control/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ *RESPIRATION/ RESPIRATION, ARTIFICIAL, adverse effects/ RESPIRATORY FUNCTION TESTS

8957. **Sutera SP:** Flow-induced trauma to blood cells. Circ Res 41(1):2–8, Jul 77 (47 ref.)
ANIMAL/ BIOMECHANICS/ BLOOD FLOW VELOCITY/ *BLOOD VESSEL PROSTHESIS, adverse effects/ BLOOD VISCOSITY/ CARDIAC OUTPUT/ CELL MEMBRANE PERMEABILITY/ ELECTROLYTES, blood/ ERYTHROCYTES, metabolism/ *EXTRACORPOREAL CIRCULATION, adverse effects/ *HEMOLYSIS/ HUMAN/ LEUKOCYTE COUNT/ PHAGOCYTOSIS/ PLATELET AGGREGATION/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR RESISTANCE

8958 **Sutherland WH, Larking PW, Nye ER:** Modification of nicotinic acid and prostaglandin E1 antilipolytic action in vitro. Atherosclerosis 25(1):45–53, Oct 76
ADIPOSE TISSUE, metabolism/ ANIMAL/ CATALYSIS/ GLYCERIN, metabolism/ HUMAN/ HYDROLYSIS/ *LIPID MOBILIZATION, drug effects/ LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, VLDL, pharmacodynamics/ MALE/ MOLECULAR CONFORMATION/ NICOTINIC ACIDS, antagonists & inhibitors/ NICOTINIC ACIDS, blood/ *NICOTINIC ACIDS, pharmacodynamics/ PROSTAGLANDIN ANTAGONISTS, blood/ PROSTAGLANDINS E, blood/ *PROSTAGLANDINS E, pharmacodynamics/ PROTEIN BINDING/ RATS/ TRIGLYCERIDES, blood

8959. **Sutoh K, Harrington WF:** Cross-linking of myosin thick filaments under activating and rigor conditions. A study of the radial disposition of cross-bridges. Biochemistry 16(11):2441–9, 31 May 77
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ CHEMISTRY/ DISULFIDES/ ELECTROPHORESIS/ GLYCERIN/ IMIDES/ IN VITRO/ KINETICS/ LIGANDS/ MALONATES/ *MUSCLE CONTRACTION/ MYOFIBRILS, metabolism/ MYOFIBRILS, ultrastructure/ *MYOSIN, metabolism/ PEPTIDE HYDROLASES/ RABBITS/ SODIUM DODECYL SULFATE/ SULFHYDRYL COMPOUNDS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8960. **Sutor AH, Jesdinsky-Buscher C:** Veränderungen der Hämostase bei Epilepsie-Behandlung mit Dipropylessigsäure. Erweiterte Untersuchung Fortschr Med 94(8):411–4, 11 Mar 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ DIPROPYL ACETATE, adverse effects/ *DIPROPYL ACETATE, pharmacodynamics/ DIPROPYL ACETATE, therapeutic use/ ENGLISH ABSTRACT/ EPILEPSY, complications/ *EPILEPSY, drug therapy/ FACTOR IX/ FEMALE/ HEMORRHAGE, chemically induced/ *HEMOSTASIS, drug effects/ HUMAN/ MALE/ NEPHRECTOMY/ PLATELET ADHESIVENESS, drug effects/ POSTOPERATIVE COMPLICATIONS/ THROMBOPENIA, chemically induced/ TIME FACTORS/ *VALERATES, pharmacodynamics

8961. **Sutor AH, Jesdinsky-Buscher CJ:** Blutungszeitveränderung bei Hämophilie-Behandlung mit lyophilisiertem antihämophilem Globulin (AHG). Weitere Beobachtungen Dtsch Med Wochenschr 101(47):1715–9, 19 Nov 76 (Eng. Abstr.) **(Ger)**
*BLOOD COAGULATION TESTS/ CHILD/ ENGLISH ABSTRACT/ *FACTOR VIII, therapeutic use/ FREEZE DRYING/ HEMOPHILIA, diagnosis/ *HEMOPHILIA, drug therapy/ HUMAN/ MALE/ TIME FACTORS

8962. **Sutor AH, Schorn P:** Partielle Thromboplastinzeit (PTT)-Bestimmung im Kindersalter. Normalwerte und Veränderungen unter verschiedenen Lagerungsbedingungen Klin Paediatr 188(6):499–507, Nov 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ AGE FACTORS/ *BLOOD COAGULATION TESTS, methods/ BLOOD PRESERVATION/ BLOOD/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ NORMAL VALUES/ SEX FACTORS/ TEMPERATURE/ THROMBOPLASTIN

8963. **Sutor AH, Bowie EJ, Owen CA Jr:** Quantitative bleeding time (hemorrhagometry). A review. Mayo Clin Proc 52(4):238–40, Apr 77
*BLOOD/ COLD/ HEAT/ HEMOPHILIA, diagnosis/ *HEMORRHAGE, diagnosis/ HEMORRHAGIC DIATHESIS, diagnosis/ *HEMOSTASIS/ HUMAN/ INFANT, NEWBORN/ METHODS/ PROTHROMBIN TIME/ SKIN TEMPERATURE

8964. **Sutor AH, Ketelsen UP, Schindera F:** Platelets in the urine: further evidence. Thromb Haemostas 36(3):647–8, 31 Dec 76
*BLOOD PLATELETS/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ *HEMOLYTIC-UREMIC SYNDROME, urine/ HUMAN/ *URINE, cytology

8965. **Sutor AH, Jesdinsky-Buscher C, Künzer W:** Alteration of primary hemostasis in hemophiliacs after treatment with lyophilized antihemophilic globulin. Scand J Haematol (30):33–9, 1977
ADOLESCENCE/ CHILD/ *FACTOR VIII, adverse effects/ FACTOR VIII, therapeutic use/ HEMOPHILIA, therapy/ HEMORRHAGE, chemically induced/ *HEMOSTASIS/ HUMAN/ MALE/ PLATELET ADHESIVENESS/ PROTHROMBIN TIME

8966. **Sutor AH, Künzer W:** Zur Problematik der Streptokinase-Dosierung im Kindesalter. Monatsschr Kinderheilkd 125(5):533–4, May 77 **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ SHOCK, SEPTIC, drug therapy/ *STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use

8967. **Sutthiwan P:** Treatment of hemangiomas in pediatric patients with prednisolone. J Med Assoc Thai 59(8):363–72, Aug 76
CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA, drug therapy/ HUMAN/ INFANT/ MALE/ *PREDNISOLONE, therapeutic use/ *SKIN NEOPLASMS, drug therapy

8968. **Suttie JW, Hageman JM:** Vitamin K-dependent carboxylase. Development of a peptide substrate. J Biol Chem 251(18):5827–30, 25 Sep 76
ANIMAL/ *CARBOXY-LYASES, metabolism/ KINETICS/ MALE/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ OLIGOPEPTIDES, chemical synthesis/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN K DEFICIENCY, enzymology/ *VITAMIN K, pharmacodynamics

8969. **Suttie JW, Jackson CM:** Prothrombin structure, activation, and biosynthesis. Physiol Rev 57(1):1–70, Jan 77 (526 ref.)
AMINO ACIDS, analysis/ ANIMAL/ BLOOD COAGULATION/ CARBOHYDRATES, analysis/ CATTLE/ FACTOR V, metabolism/ FACTOR X, metabolism/ GLUTAMATES, analysis/ HUMAN/ KINETICS/ LIVER, analysis/ MODELS, BIOLOGICAL/ PEPTIDE HYDROLASES, metabolism/ PHOSPHOLIPIDS, metabolism/ *PROTHROMBIN/ PROTHROMBIN, biosynthesis/ PROTHROMBIN, metabolism/ RATS/ REVIEW/ SNAKE VENOMS, pharmacodynamics/ VITAMIN K, metabolism

8970. **Suttie JW:** Oral anticoagulant therapy: the biosynthetic basis. Semin Hematol 14(3):365–74, Jul 77
ADMINISTRATION, ORAL/ ANIMAL/ *ANTICOAGULANTS, therapeutic use/ BINDING SITES/ BIOLOGICAL TRANSPORT/ CARBOXY-LYASES, blood/ COUMARINS, blood/ DRUG RESISTANCE/ ETHERS, CYCLIC, metabolism/ GLUTAMATE DECARBOXYLASE, blood/ HUMAN/ LIVER, analysis/ PROTHROMBIN, biosynthesis/ RATS/ VITAMIN K, metabolism/ WARFARIN, pharmacodynamics

8971. **Sutton MR, Fall RR, Nervi AM, et al:** Amino acid sequence of Escherichia coli biotin carboxyl carrier protein (9100). J Biol Chem 252(11):3934–40, 10 Jun 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BACTERIAL PROTEINS/ *BIOTIN, metabolism/ CARBOXYPEPTIDASES/ *CARRIER PROTEINS/ ESCHERICHIA COLI/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8972. **Sutton RH:** The estimation of fibrinogen levels in animal plasmas by a simple refractometric method. A comparison with a biuret method. Res Vet Sci 22(3):384–5, May 77

ANIMAL/ BIURET REACTION/ CATTLE/ COMPARATIVE STUDY/ DOGS/ *FIBRINOGEN, analysis/ METHODS

8973. **Sutton RH, Johnstone M:** The value of plasma fibrinogen estimations in dogs. A comparison with total leucocyte and neutrophil counts. J Small Anim Pract 18(4):277–81, Apr 77
ANIMAL/ *DOGS, blood/ *FIBRINOGEN, analysis/ *LEUKOCYTE COUNT/ *NEUTROPHILS, cytology

8974. **Sutton TJ, Leblanc A, Gauthier N, et al:** Radiological manifestations of neonatal renal vein thrombosis on follow-up examinations. Radiology 122(2):735–8, Feb 77
FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, radiography/ MALE/ *RENAL VEINS, radiography/ *THROMBOSIS, radiography

8975. **Sutton TJ, Scheinmann PL, Joffe GB:** Hemorragie sous-muqueuse pyelocalicielle chez un enfant traite par anti-coagulants oraux J Can Assoc Radiol 28(1):77–8, Mar 77 (Eng. Abstr.) **(Fre)**
ADMINISTRATION, ORAL/ ADOLESCENCE/ ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, adverse effects/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGE, chemically induced/ HUMAN/ KIDNEY CALICES/ KIDNEY DISEASES, chemically induced/ *KIDNEY PELVIS

8976. **Suzdal'tsev AE:** Sostav perifericheskoĭ krovi u zdorovykh deteĭ grudnogo vozrasta Lab Delo (4):248–, 1976 **(Rus)**
BLOOD CELL COUNT/ *BLOOD CELLS, cytology/ BLOOD PLATELETS, cytology/ HUMAN/ INFANT/ INFANT, NEWBORN/ LEUKOCYTES, cytology

8977. **Suzuki J, Sato T:** Surgery for the hypertensive intracerebral hematoma --trans-Sylvian approach.
Neurol Med Chir (Tokyo) 16(PT1):115–9, 1976
ADULT/ AGED/ *CEREBRAL HEMORRHAGE, surgery/ FEMALE/ *HEMATOMA, surgery/ HUMAN/ *HYPERTENSION, complications/ MALE/ METHODS/ MIDDLE AGE

8978. **Suzuki K, Egawa H, Hashimoto S:** Comparative studies of coagulative and fibrinolytic faculties between the Japanese monkey and the human. Thromb Haemostas 37(2):233–42, 30 Apr 77
ANIMAL/ ANTITHROMBINS, analysis/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ COMPARATIVE STUDY/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ *MACACA, metabolism/ MONKEYS/ PLASMINOGEN, analysis/ PROTHROMBIN TIME/ STREPTOKINASE

8979. **Suzuki S, Wake N, Yoshiaki K:** New neonatal problems of blood coagulation and fibrinolysis. II. Thromboplastic effect of amniotic fluid and its relation to lung maturity.
J Perinat Med 4(4):221–6, 1976
*AMNIOTIC FLUID/ AMNIOTIC FLUID, analysis/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ COMPARATIVE STUDY/ FEMALE/ FIBRINOLYSIS/ HUMAN/ HYALINE MEMBRANE DISEASE, diagnosis/ INFANT, NEWBORN/ *LUNG, embryology/ PREGNANCY/ *PRENATAL DIAGNOSIS/ *PULMONARY SURFACTANT, analysis

8980. **Suzuki S, Wake N, Yoshiaki K:** New neonatal problems of blood coagulation and fibrinolysis. I. The change of plasmin inhibitor levels in the newborn infant.
J Perinat Med 4(4):213–20, 1976
ALPHA MACROGLOBULINS/ ALPHA 1-ANTITRYPSIN/ ANTITHROMBINS, blood/ *BLOOD COAGULATION/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FEMALE/ *FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ HUMAN/ HYALINE MEMBRANE DISEASE, blood/ INFANT, NEWBORN/ RESPIRATORY DISTRESS SYNDROME, blood/ THROMBELASTOGRAPHY/ UROKINASE

8981. **Suzuki S, Wake N, Yoshiaki K:** New neonatal problems of blood coagulation and fibrinolysis. II. Thromboplastic effect of amniotic fluid and its relation to lung maturity.
J Perinat Med 4(4):221–6, 1976
*AMNIOTIC FLUID, analysis/ BLOOD COAGULATION, drug effects/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood/ *LUNG, growth & development/ PLATELET AGGREGATION/ PREGNANCY/ PULMONARY SURFACTANT, analysis/ PULMONARY SURFACTANT, pharmacodynamics/ *THROMBOPLASTIN, analysis

8982. **Suzuki S, Wake N, Yoshiaki K:** New neonatal problems of blood coagulation and fibrinolysis. I. The change of plasmin inhibitor levels in the newborn infant.
J Perinat Med 4(4):213–20, 1976
ADULT/ ALPHA 1-ANTITRYPSIN, analysis/ ANTITHROMBINS, analysis/ *BLOOD COAGULATION DISORDERS, diagnosis/ CASE REPORT/ FETAL BLOOD, analysis/ *FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ HUMAN/ HYALINE MEMBRANE DISEASE, blood/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood/ INFANT, PREMATURE/ MACROGLOBULINS, analysis

8983. **Suzuki Y, Murachi T:** The occurence of a neutral protease and its inhibitor in rat peritoneal macrophages.
J Biochem (Tokyo) 82(1):215–20, Jul 77
ANIMAL/ *ASCITIC FLUID, cytology/ CATHEPSIN, metabolism/ GLYCOGEN/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ *MACROPHAGES, enzymology/ MAGNESIUM, pharmacodynamics/ MALE/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ POTASSIUM CHLORIDE, pharmacodynamics/ RATS/ SODIUM, pharmacodynamics

8984. **Svanberg L, Astedt B:** Release of fibrinolytic activators from human ovarian tumours in organ culture.
Ann Chir Gynaecol 65(6):405–7, 1976
FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ *FIBRINOLYTIC AGENTS, metabolism/ HUMAN/ ORGAN CULTURE/ *OVARIAN NEOPLASMS, metabolism/ OVARY, metabolism

8985. **Svanborg N, Hedqvist P, Gréen K:** Aspects of prostaglandin action in asthma. Adv Prostaglandin Thromboxane Res 1:439–47, 1976
ADULT/ ALLERGENS/ *ASTHMA, blood/ ASTHMA, physiopathology/ CORTISONE, pharmacodynamics/ EXERTION/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ INDOMETHACIN, pharmacodynamics/ MALE/ *PROSTAGLANDINS F, blood

8986. **Svane S:** Primary thrombosis of pulmonary artery in a child with tetralogy of Fallot. Br Heart J 39(7):815–9, Jul 77
CAPILLARIES, pathology/ CASE REPORT/ CHILD, PRESCHOOL/ CORONARY VESSELS, pathology/ HEMATOCRIT/ HUMAN/ LUNG, pathology/ MALE/ *PULMONARY EMBOLISM, complications/ *TETRALOGY OF FALLOT, complications

8987. **Svendsen E, Jorgensen L:** Intimal pits of aorta in rabbits: Imprints of vortices of blood flow?
Acta Pathol Microbiol Scand [A] 85A(1):25–32, Jan 77
ANIMAL/ *AORTA, ultrastructure/ BLOOD PLATELETS, ultrastructure/ MEMBRANES, ultrastructure/ MICROSCOPY, ELECTRON, SCANNING/ *RABBITS, anatomy & histology

8988. **Svendsen P:** Computer tomography of traumatic extracerebral lesions. Br J Radiol 49(588):1004–12, Dec 76
CEREBRAL ANGIOGRAPHY/ COMPARATIVE STUDY/ HEAD INJURIES, complications/ *HEAD INJURIES, radiography/ *HEMATOMA, radiography/ HEMATOMA, EPIDURAL, etiology/ *HEMATOMA, EPIDURAL, radiography/ HEMATOMA, SUBDURAL, etiology/ *HEMATOMA, SUBDURAL, radiography/

HUMAN/ *TOMOGRAPHY, COMPUTERIZED AXIAL

8989. **Svensson J, Hamberg M, Samuelsson B:** On the formation and effects of thromboxane A2 in human platelets. Acta Physiol Scand 98(3):285–94, Nov 76
ADENOSINE DIPHOSPHATE, secretion/ *ARACHIDONIC ACIDS, metabolism/ ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ CULTURE MEDIA/ HUMAN/ *HYDROXY ACIDS, biosynthesis/ HYDROXY ACIDS, pharmacodynamics/ PEROXIDES, metabolism/ *PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ *PYRANS, biosynthesis/ PYRANS, pharmacodynamics/ SEROTONIN, secretion/ TIME FACTORS

8990. **Svensson J, Hamberg M:** Thromboxane A2 and prostaglandin H2: potent stimulators of the swine coronary artery. Prostaglandins 12(6):943–50, Dec 76
ANIMAL/ ARACHIDONIC ACIDS, metabolism/ ARTERIES, drug effects/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD PLATELETS, metabolism/ CORONARY VESSELS, drug effects/ HYDROXY ACIDS, biosynthesis/ *HYDROXY ACIDS, pharmacodynamics/ MUSCLE CONTRACTION, drug effects/ MUSCLE, SMOOTH, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ PROSTAGLANDINS F, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics/ PYRANS, biosynthesis/ *PYRANS, pharmacodynamics/ SWINE

8991. **Swanson AA, Beaty HB:** Lens proteases [letter]. Exp Eye Res 24(1):89–91, Jan 77
ANIMAL/ CATTLE/ CRYSTALLINS, metabolism/ INFANT, NEWBORN/ *LENS, CRYSTALLINE, enzymology/ *PEPTIDE HYDROLASES, metabolism

8992. **Swanson DA, Sullivan MJ:** Thromboendarterectomy for anuria 4 1/2 years post-renal transplant: a case report. J Urol 116(6):799–801, Dec 76
ANURIA, etiology/ *ARTERIAL OCCLUSIVE DISEASES, etiology/ ARTERIAL OCCLUSIVE DISEASES, radiography/ ARTERIAL OCCLUSIVE DISEASES, surgery/ CASE REPORT/ ENDARTERECTOMY/ FEMALE/ FIBRINOLYSIN, therapeutic use/ HUMAN/ *ILIAC ARTERY/ ILIAC ARTERY, radiography/ KIDNEY, blood supply/ KIDNEY, pathology/ *KIDNEY, transplantation/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *TRANSPLANTATION, HOMOLOGOUS, adverse effects

8993. **Swanson J:** Surface components affecting interactions between Neisserai gonorrhoeae and eucaryotic cells. J Infect Dis 136 Suppl:S138–43, Aug 77 (15 ref.)
BACTERIAL PROTEINS, analysis/ *BACTERIAL PROTEINS, physiology/ CELL LINE/ CELL WALL/ LEUKOCYTES/ MOVEMENT/ NEISSERIA GONORRHOEAE, physiology/ *NEISSERIA GONORRHOEAE, ultrastructure/ NEUTROPHILS/ PEPTIDE HYDROLASES, metabolism/ PHAGOCYTOSIS/ PIGMENTATION/ REVIEW/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

8994. **Swanson JO:** Presurgical coagulation testing. Minn Med 59(8):517–22, Aug 76
ADULT/ BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ CASE REPORT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PREOPERATIVE CARE

8995. **Swinburne L:** A measure of acceptance: patients' attitudes to haemophilia. Lancet 1(8020):1048–9, 14 May 77
ADULT/ *ATTITUDE TO HEALTH/ CHILD/ FEMALE/ *HEMOPHILIA/ HEMOPHILIA, therapy/ HUMAN/ MALE/ PATIENT ACCEPTANCE OF HEALTH CARE/ QUALITY OF LIFE

8996. **Swisher SN:** The introduction of adenine fortified blood preservatives: introduction and an interpretation of its history. Transfusion 17(4):309–16, Jul–Aug 77
*ADENINE/ ADENINE, metabolism/ ANTICOAGULANTS/ BLOOD BANKS, history/ *BLOOD PRESERVATION/ CRYOPROTECTIVE AGENTS/ ERYTHROCYTES, metabolism/ *ERYTHROCYTES, physiology/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MILITARY MEDICINE/ UNITED STATES

8997. **Switzer ME, McKee PA:** Some effects of calcium on the activation of human factor VIII/Von Willebrand factor protein by thrombin. J Clin Invest 60(4):819–28, Oct 77
*BLOOD COAGULATION FACTORS, physiology/ *CALCIUM, pharmacodynamics/ CHROMATOGRAPHY, GEL/ DISULFIDES/ EDTA, pharmacodynamics/ *FACTOR VIII, metabolism/ HUMAN/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PROTEIN CONFORMATION, drug effects/ *PROTEIN PRECURSORS, blood/ PROTEIN PRECURSORS, metabolism/ *THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND FACTOR, physiology

8998. **Sy WM:** Manifestations of subdural and epidural hematomas on gamma imaging. CRC Crit Rev Clin Radiol Nucl Med 8(4):391–468, Jan 77
ADULT/ ARTERIOVENOUS MALFORMATIONS, diagnosis/ BRAIN INJURIES, ACUTE, diagnosis/ CEREBRAL ANGIOGRAPHY, methods/ CEREBROVASCULAR DISORDERS, diagnosis/ CONTUSIONS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ECHOENCEPHALOGRAPHY/ ELECTROENCEPHALOGRAPHY/ FEMALE/ GAMMA RAYS/ HEAD INJURIES, diagnosis/ HEMANGIOMA, diagnosis/ *HEMATOMA, EPIDURAL, diagnosis/ *HEMATOMA, SUBDURAL, diagnosis/ HUMAN/ MALE/ MENINGIOMA, diagnosis/ NEOPLASM METASTASIS/ NEUROFIBROMATOSIS, diagnosis/ *RADIONUCLIDE IMAGING, methods/ SKULL NEOPLASMS, diagnosis/ TOMOGRAPHY, COMPUTERIZED AXIAL

8999. **Sylwanowicz L, Welfel L, Switoniak-Dyszy Z, et al:** O naczyniaku podgłośniowym krtani u niemowląt Otolaryngol Pol 30(4):425–8, 1976 **(Pol)**
AGE FACTORS/ CASE REPORT/ FEMALE/ FOLLOW-UP STUDIES/ *HEMANGIOMA, surgery/ HUMAN/ INFANT/ *LARYNGEAL NEOPLASMS, surgery

9000. **Symbas PN, Harlaftis N:** Bullet emboli in the pulmonary and systemic arteries. Ann Surg 185(3):318–20, Mar 77
ADOLESCENCE/ ADULT/ ARTERIES, injuries/ FEMALE/ FOREIGN BODY MIGRATION, surgery/ HEART INJURIES, complications/ HUMAN/ MALE/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, surgery/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, surgery/ *WOUNDS, GUNSHOT, complications

9001. **Symchych PS, Krauss AN, Winchester P:** Endocarditis following intracardiac placement of umbilical venous catheters in neonates. J Pediatr 90(2):287–9, Feb 77
*CATHETERIZATION, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ENDOCARDITIS, etiology/ ENDOCARDIUM, injuries/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ THROMBOSIS, etiology/ *UMBILICAL VEINS

9002. **Symington IS, Stack BH:** Pulmonary thromboembolism after travel. Br J Dis Chest 71(2):138–40, Apr 77
ADULT/ AGED/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, prevention & control/ *TRAVEL

9003. **Synovets AS, Levitskiĭ AP, Khudoleĭ IF:** Vliianie trazilola

na sekretsiiu pankreaticheskogo ingibitora tripsina
Vrach Delo (11):77–8, Nov 76 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ PANCREAS, secretion/ *TRYPSIN INHIBITORS, secretion

9004. **Szabó G, Magyar Z, Réffy A:** The role of free fatty acids in pulmonary fat embolism. Injury 8(4):278–83, May 77
ANIMAL/ *EMBOLISM, FAT, metabolism/ *FATTY ACIDS, NONESTERIFIED, metabolism/ LIPIDS, metabolism/ LUNG, anatomy & histology/ LUNG, drug effects/ LUNG, metabolism/ MINERAL OIL, pharmacodynamics/ ORGAN WEIGHT, drug effects/ *PULMONARY EMBOLISM, metabolism/ RABBITS/ TRIOLEIN, pharmacodynamics

9005. **Szczepaniec M, Sulowicz W:** Test redukcji błękitu nitrotetrazoliowego (NBT) w wybranych chorobach układu oddechowego. Próba zastosowania testu NBT w diagnostyce różnicowej zapalenia płuc z zakrzepowo-zatorową chorobą płuc
Pol Arch Med Wewn 56(3):335–44, Oct 76 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *NITROBLUE TETRAZOLIUM, diagnostic use/ *PNEUMONIA, diagnosis/ *PULMONARY EMBOLISM, diagnosis/ *TETRAZOLIUM SALTS, diagnostic use

9006. **Szekely AM, Franco D, Dupuy JM, et al:** Anomalies hépatiques avec hypertension portale associées a un syndrome de Turner Arch Anat Cytol Pathol 24(4):311–6, 1976 **(Fre)**
CASE REPORT/ CHILD/ FEMALE/ *HEMANGIOMA, CAVERNOUS, complications/ HUMAN/ HYPERPLASIA, complications/ *HYPERTENSION, PORTAL, etiology/ JEJUNUM, blood supply/ *LIVER NEOPLASMS, complications/ LIVER, abnormalities/ LIVER, pathology/ LIVER, blood supply/ TELANGIECTASIS, complications/ *TURNER'S SYNDROME, complications

9007. **Szepietowska W, Mraz F:** Rola lekarza stomatologa w wykrywaniu schorzeń ogólnych Czas Stomatol 30(4):350, Apr 77 **(Pol)**
*BLOOD COAGULATION DISORDERS, diagnosis/ DIABETES MELLITUS, diagnosis/ GLOMERULONEPHRITIS, diagnosis/ HUMAN/ HYPERTENSION, diagnosis/ PHYSICAL EXAMINATION/ PREOPERATIVE CARE/ *SURGERY, ORAL

9008. **Szewczyk Z, Klinger M:** Zastosowanie heparyny w kłębkowym zapaleniu nerek. Pol Tyg Lek 32(35):1357–60, 29 Aug 77 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE

9009. **Szewczyk Z, Klinger M:** Teoretyczne i doświadczalne podstawy stosowania heparyny w leczeniu kłębkowych zapaleń nerek. Pol Tyg Lek 32(29):1129–31, 18 Jul 77 (24 ref.) **(Pol)**
ANIMAL/ ANTIGEN-ANTIBODY COMPLEX/ BASEMENT MEMBRANE, immunology/ BLOOD COAGULATION/ COMPLEMENT, antagonists & inhibitors/ GLOMERULONEPHRITIS, blood/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, immunology/ HEPARIN, immunology/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ RABBITS/ RATS/ REVIEW

9010. **Szuki S, Moriyama T, Ishii M, et al:** [Case of surgically treated intracerebral hematoma due to rupture of mycotic aneurysm] Clin Neurol (Tokyo) 16(10):721–6, Oct 76 (Eng. Abstr.) **(Jpn)**
ADULT/ *ANEURYSM, MYCOTIC, complications/ ANEURYSM, MYCOTIC, surgery/ CASE REPORT/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, surgery/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, surgery/ HEPATOMA, etiology/ HUMAN/ RUPTURE, SPONTANEOUS

9011. **Szymendera J, Mioduszewska O, Licinska I, et al:** Pathologic changes in the lungs of mice following injection of human albumin microspheres. J Nucl Med 18(5):478–82, May 77
ANIMAL/ CAPILLARIES, drug effects/ FEMALE/ HEMORRHAGE, chemically induced/ HUMAN/ HYPEREMIA, chemically induced/ *LUNG, pathology/ MICE/ MICE, INBRED STRAINS/ *MICROSPHERES/ PULMONARY CIRCULATION, drug effects/ PULMONARY EDEMA, chemically induced/ PULMONARY EMBOLISM, chemically induced/ *SERUM ALBUMIN, RADIO-IODINATED, adverse effects

T

9012. **Taalen BG, Frenkel M:** Vena cava superior- en inferior-syndroom bij een jonge Griek
Ned Tijdschr Geneeskd 120(44):1869–71, 30 Oct 76 **(Dut)**
ABDOMEN, blood supply/ ADULT/ BEHCET'S SYNDROME, complications/ *BEHCET'S SYNDROME, diagnosis/ CASE REPORT/ COLLATERAL CIRCULATION/ GREECE, ethnology/ HUMAN/ MALE/ NETHERLANDS/ *THROMBOPHLEBITIS, etiology/ TURKEY, ethnology/ VARICOSE VEINS, etiology/ *VENAE CAVAE

9013. **Tabolin VA, Smirnova TA, Burobin VA, et al:** Aktivnost' gistidazy i urokaninazy v tkani pecheni i syvorotke pupovinnoĭ krovi u nedonoshennykh novorozhdennykh deteĭ Vopr Okhr Materin Det 22(4):61–4, Apr 77 (Eng. Abstr.) **(Rus)**
*AMMONIA-LYASES, metabolism/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *FETAL BLOOD, enzymology/ GESTATIONAL AGE/ *HISTIDASE, metabolism/ HUMAN/ INFANT, NEWBORN/ *INFANT, PREMATURE/ *LIVER, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *UROKINASE, metabolism

9014. **Tabushi I, Fujita K, Kawakubo H:** One-step preparation of vitamin K1 or K2 analogues by cyclodextrin inclusion catalysis [letter] J Am Chem Soc 99(19):6456–7, 14 Sep 77
*AMYLOSE, analogs & derivatives/ CATALYSIS/ *PHYTONADIONE, analogs & derivatives/ PHYTONADIONE, chemical synthesis/ *VITAMIN K, analogs & derivatives/ VITAMIN K, chemical synthesis

9015. **Tack BD, Prahl JW:** Third component of human complement: purification from plasma and physicochemical characterization. Biochemistry 15(20):4513–21, 5 Oct 76
AMINO ACIDS, analysis/ *COMPLEMENT 3/ COMPLEMENT 3, isolation & purification/ *COMPLEMENT/ COMPLEMENT, isolation & purification/ GEL DIFFUSION TESTS/ HEMOLYSIS/ HUMAN/ IMMUNOELECTROPHORESIS/ MATHEMATICS/ MOLECULAR WEIGHT/ PLASMINOGEN, isolation & purification/ PROTEIN CONFORMATION

9016. **Tacu V, Cdun-Tărăbuţţă G, Dascălu M, et al:** Modificări biologice în cursul bronhopneumopatiilor acute microbiene. Nota II Rev Med Chir Soc Med Nat Iasi 81(1):23–7, Jan-Mar 77 (Eng. Abstr.) **(Rum)**
ADOLESCENCE/ ADULT/ AGED/ *BACTERIAL INFECTIONS, complications/ *BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ HUMAN/ *KIDNEY DISEASES, etiology/ LEUKOCYTOSIS, etiology/ LEUKOPENIA, etiology/ MIDDLE AGE/ *RESPIRATORY TRACT INFECTIONS, complications/ *WATER-ELECTROLYTE IMBALANCE, etiology

9017. **Tadic-Tigerman V:** Purpure kao simptom oboljenja unutrašnjih organa Med Arh 29(2):137–40, Mar-Apr 75 **(Ser)**
BONE MARROW DISEASES, complications/ *GASTROINTESTINAL DISEASES, complications/ HUMAN/ KIDNEY DISEASES,

complications/ LIVER DISEASES, complications/ *PURPURA, etiology/ SPLENIC DISEASES, complications

9018. **Tadokoro H:** [Experimental study on fibrinolytic phenomena of injured cerebral tissues. With special reference to the changes in fibrinolytic substances in glia tissues (author's transl)] Arch Jpn Chir 46(3):258–77, 1 May 77 (Eng. Abstr.) **(Jpn)**
ANIMAL/ *BRAIN INJURIES, ACUTE, enzymology/ DOGS/ ENGLISH ABSTRACT/ ENZYME PRECURSORS, metabolism/ FEMALE/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ MALE/ *NEUROGLIA, enzymology/ PLASMINOGEN ACTIVATORS, metabolism/ PREDNISOLONE, pharmacodynamics/ TRYPSIN INHIBITORS, metabolism

9019. **Tafner G, Pedrazzoli M, Bajocchi E:** Sperimentazione clinica controllata di parsalmide, farmaco ad attività analgesica ed antiinfiammatoria Minerva Med 67(52):3383–90, 31 Oct 76 (Eng. Abstr.) **(Ita)**
ADULT/ AGED/ ANALGESICS, ANTI-INFLAMMATORY, adverse effects/ *ANALGESICS, ANTI-INFLAMMATORY, therapeutic use/ ARTHRITIS, drug therapy/ BENZAMIDES, adverse effects/ *BENZAMIDES, therapeutic use/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DRUG EVALUATION/ ENGLISH ABSTRACT/ HUMAN/ *JOINT DISEASES, drug therapy/ MALE/ MIDDLE AGE/ PHENYLBUTAZONE, therapeutic use/ THROMBOPHLEBITIS, drug therapy

9020. **Tagliacozzo S:** Trombectomie venose. Minerva Chir 32(11):701–10, 15 Jun 77 **(Ita)**
*FEMORAL VEIN/ FEMORAL VEIN, radiography/ FEMORAL VEIN, surgery/ HUMAN/ *ILIAC VEIN/ ILIAC VEIN, radiography/ ILIAC VEIN, surgery/ PHLEBOGRAPHY/ POSTOPERATIVE CARE/ PREOPERATIVE CARE/ *THROMBOPHLEBITIS, surgery

9021. **Taguchi K:** Pregnancy in patients with a prosthetic heart valve. Surg Gynecol Obstet 145(2):206–8, Aug 77
ADULT/ ANTICOAGULANTS, therapeutic use/ DELIVERY/ FEMALE/ FOLLOW-UP STUDIES/ HEART FAILURE, CONGESTIVE, occurrence/ *HEART VALVE PROSTHESIS/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY/ PUERPERAL DISORDERS, occurrence/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, occurrence

9022. **Tai JY, Liu TY:** Studies on Limulus amoebocyte lysate. Isolation of pro-clotting enzyme. J Biol Chem 252(7):2178–81, 10 Apr 77
AMINO ACIDS, analysis/ ANIMAL/ *ARTHROPODS, enzymology/ *BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD COAGULATION FACTORS, metabolism/ *ENDOTOXINS, analysis/ *ENZYME PRECURSORS/ ENZYME PRECURSORS, isolation & purification/ ENZYME PRECURSORS, metabolism/ GELS/ KLEBSIELLA PNEUMONIAE/ *LIMULUS, enzymology

9023. **Tai JY, Seid RC Jr, Huhn RD, et al:** Studies on Limulus amoebocyte lysate II. Purification of the coagulogen and the mechanism of clotting. J Biol Chem 252(14):4773–6, 25 Jul 77
AMINO ACIDS, analysis/ ANIMAL/ BLOOD COAGULATION/ *BLOOD PROTEINS, isolation & purification/ BLOOD PROTEINS, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENDOTOXINS, metabolism/ LIMULUS/ PEPTIDE FRAGMENTS/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ TRYPSIN

9024. **Taindel Cl, Strauss I, Diamandi A, et al:** Septicemii de cateter la sugar produse de bacili gramnegativi clinica şi terapia Rev Pediatr Obstet Ginecol [Pediatr] 25(4):289–96, Oct–Dec 76 **(Rum)**
ANTIBIOTICS, therapeutic use/ *BACTERIAL INFECTIONS, etiology/ BACTERIAL INFECTIONS, therapy/ BLOOD TRANSFUSION/ CASE REPORT/ *CATHETERIZATION, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ ILIAC VEIN/ INFANT/ MALE/ PHLEBITIS, etiology/ PROTEUS INFECTIONS, etiology/ PSEUDOMONAS INFECTIONS, etiology/ SAPHENOUS VEIN/ SEPTICEMIA, drug therapy/ *SEPTICEMIA, etiology

9025. **Takada Y, Appert HE, Howard JM:** Vascular permeability induced by pancreatic exudate formed during acute pancreatitis in dogs. Surg Gynecol Obstet 143(5):779–83, Nov 76
AMYLASE, analysis/ ANIMAL/ *ASCITIC FLUID/ ASCITIC FLUID, analysis/ *CAPILLARY PERMEABILITY/ DOGS/ FEMALE/ LIPASE, analysis/ MALE/ *PANCREATITIS/ PANCREATITIS, enzymology/ PANCREATOPEPTIDASE, analysis/ *PERITONEAL FLUID/ PERITONEAL FLUID, analysis/ PERITONEAL FLUID, enzymology/ TRYPSIN, analysis/ TRYPSINOGEN, analysis

9026. **Takagi K, Kawai T:** A simple and practical method for isolation of an early plasmin degradation product of human fibrinogen. Thromb Haemostas 37(3):464–70, 30 Jun 77
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOLYSIN/ GEL DIFFUSION TESTS/ GLYCINE/ HUMAN/ METHODS/ MOLECULAR WEIGHT/ PROLINE/ SERINE/ THREONINE

9027. **Takagi S, Yoshida T, Togo Y, et al:** The effects of intramyometrial injection of prostaglandin F2alpha on severe post-partum hemorrhage. Prostaglandins 12(4):565–79, Oct 76
BLOOD PRESSURE, drug effects/ DRUG EVALUATION/ FEMALE/ *HEMORRHAGE, POSTPARTUM, drug therapy/ HEMOSTASIS, drug effects/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ MYOMETRIUM/ OXYTOCIN, blood/ PARITY/ PREGNANCY/ PROSTAGLANDINS F, administration & dosage/ PROSTAGLANDINS F, pharmacodynamics/ *PROSTAGLANDINS F, therapeutic use/ PUERPERIUM/ UTERINE CONTRACTION, drug effects

9028. **Takahashi K, Chang WJ:** The structure and function of acid proteases. V. Comparative studies on the specific inhibition of acid proteases by diazoacetyl-DL-norleucine methyl ester, 1,2-epoxy-3-(p-nitrophenoxy) propane and pepstatin. J Biochem (Tokyo) 80(3):497–506, Sep 76
*AMINOCAPROIC ACIDS, pharmacodynamics/ AZO COMPOUNDS, pharmacodynamics/ BACTERIA, enzymology/ BINDING SITES/ COMPARATIVE STUDY/ COPPER, pharmacodynamics/ EPOXY COMPOUNDS, pharmacodynamics/ FUNGI, enzymology/ HYDROGEN-ION CONCENTRATION/ NITROPHENOLS, pharmacodynamics/ NORLEUCINE, analogs & derivatives/ *NORLEUCINE, pharmacodynamics/ *OLIGOPEPTIDES, pharmacodynamics/ PEPSIN, metabolism/ *PEPSTATINS, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RENIN, metabolism

9029. **Takahashi K, Chang WJ, Arima K:** The structure and function of acid proteases. IV. Inactivation of the acid protease from Mucor pusillus by acid protease-specific inhibitors. J Biochem (Tokyo) 80(1):61–7, Jul 76
*AMINOCAPROIC ACIDS, pharmacodynamics/ AZO COMPOUNDS, pharmacodynamics/ BINDING SITES/ COPPER, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *MUCOR, enzymology/ NITROPHENOLS, pharmacodynamics/ NORLEUCINE, analogs & derivatives/ *NORLEUCINE, pharmacodynamics/ PEPSTATINS, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors

9030. **Takahashi K, Tamoto K, Koyama J:** Effects of protease

inhibitors of actinomycetes on the first component of human complement. J Antibiot (Tokyo) 29(9):983–5, Sep 76
*ACTINOMYCES, metabolism/ *COMPLEMENT 1, pharmacodynamics/ *COMPLEMENT, pharmacodynamics/ ERYTHROCYTES, immunology/ HEMOLYSIS, drug effects/ HUMAN/ IN VITRO/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SHEEP, immunology

9031. **Takahashi K:** The structure and function of ribonuclease T1. XXI. Modification of histidine residues in ribonuclease T1 with iodoacetamide. J Biochem (Tokyo) 80(6):1267–75, Dec 76
ALANINE/ AMINO ACIDS, analysis/ BINDING SITES/ CHYMOTRYPSIN/ GUANINE NUCLEOTIDES, pharmacodynamics/ *GUANYLORIBONUCLEASE, metabolism/ *HISTIDINE/ HYDROGEN-ION CONCENTRATION/ *IODOACETAMIDE, pharmacodynamics/ *IODOACETATES, pharmacodynamics/ METHYLATION/ PEPTIDES, analysis/ *RIBONUCLEASE, metabolism

9032. **Takahashi K, Inoue N:** The structure and function of ribonuclease T1. XXII. Tryptic cleavages of the single lysyl and arginyl bonds in ribonuclease T1. J Biochem (Tokyo) 81(2):415–21, Feb 77
AMINO ACIDS, analysis/ *ARGININE/ CHEMISTRY/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ GUANOSINE, pharmacodynamics/ *GUANYLORIBONUCLEASE, metabolism/ *LYSINE/ PEPTIDE FRAGMENTS/ *RIBONUCLEASE, metabolism/ TEMPERATURE/ TRINITROBENZENES/ *TRYPSIN

9033. **Takahashi K:** Further studies on the reactions of phenylglyoxal and related reagents with proteins. J Biochem (Tokyo) 81(2):403–14, Feb 77
*ALDEHYDES/ AMINO ACIDS, analysis/ CHYMOTRYPSIN, metabolism/ *GLYOXAL/ GLYOXAL, analogs & derivatives/ INSULIN, metabolism/ MURAMIDASE, metabolism/ PEPSIN, metabolism/ *PROTEINS, metabolism/ PYRUVALDEHYDE/ RENIN, metabolism/ RIBONUCLEASE, metabolism/ TRYPSIN, metabolism

9034. **Takahashi S, Kanai H, Miyamoto Y:** Reassessment of elevated serotonin levels in blood platelets in early infantile autism. J Autism Child Schizo 6(4):317–26, Dec 76
*AUTISM, EARLY INFANTILE, blood/ *BLOOD PLATELETS, analysis/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ INDIVIDUALITY/ INFANT/ MALE/ MENTAL DISORDERS, blood/ NERVOUS SYSTEM DISEASES, blood/ *SEROTONIN, blood

9035. **Takahashi S, Tani N, Yamane H:** Monoamine oxidase activity in blood platelets in alcoholism. Folia Psychiatr Neurol Jpn 30(4):455–62, 1976
ADULT/ AGED/ ALCOHOLISM, blood/ *ALCOHOLISM, enzymology/ *BLOOD PLATELETS, enzymology/ DELIRIUM TREMENS, enzymology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, analysis

9036. **Takahashi S:** Reduction of blood platelet serotonin levels in manic and depressed patients. Folia Psychiatr Neurol Jpn 30(4):476–86, 1976
ADOLESCENCE/ ADULT/ AGED/ *BLOOD PLATELETS, analysis/ DEPRESSION, drug therapy/ FEMALE/ HUMAN/ HYDROXYTRYPTOPHAN, therapeutic use/ MALE/ MIDDLE AGE/ *PSYCHOSES, MANIC-DEPRESSIVE, blood/ *SEROTONIN, blood

9037. **Takahashi S:** Reduction of blood platelet serotonin levels in manic and depressed patients. Folia Psychiatr Neurol Jpn 30(4):475–86, 1976
ADOLESCENCE/ ADULT/ *AFFECTIVE DISTURBANCES, blood/ AGED/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, enzymology/ COMPARATIVE STUDY/ DEPRESSION, blood/ DEPRESSION, enzymology/ DEPRESSIVE NEUROSES, blood/ FEMALE/ HUMAN/ MALE/ MELANCHOLIA, INVOLUTIONAL, blood/ MIDDLE AGE/ MONOAMINE OXIDASE, blood/ PERSONALITY DISORDERS, blood/ PSYCHOSES, MANIC-DEPRESSIVE, blood/ *SEROTONIN, blood

9038. **Takahashi S, Tani N, Yamane H:** Monoamine oxidase activity in blood platelets in alcoholism. Folia Psychiatr Neurol Jpn 30(4):455–62, 1976
ADULT/ AGED/ *ALCOHOLISM, enzymology/ *BLOOD PLATELETS, enzymology/ DELIRIUM TREMENS, enzymology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood

9039. **Takahashi S:** Monoamine oxidase activity in blood platelets from manic and depressed patients. Folia Psychiatr Neurol Jpn 31(1):37–48, 1977
ADOLESCENCE/ ADULT/ AGED/ *BLOOD PLATELETS, enzymology/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ PSYCHOSES, INVOLUTIONAL, enzymology/ PSYCHOSES, MANIC-DEPRESSIVE, blood/ *PSYCHOSES, MANIC-DEPRESSIVE, enzymology

9040. **Takai Y, Yamamoto M, Inoue M, et al:** A proenzyme of cyclic nucleotide-independent protein kinase and its activation by calcium-dependent neutral protease from rat liver. Biochem Biophys Res Commun 77(2):542–50, 25 Jul 77
ANIMAL/ *CALCIUM, pharmacodynamics/ CATIONS, DIVALENT/ ENZYME ACTIVATION/ *ENZYME PRECURSORS/ ENZYME PRECURSORS, isolation & purification/ ENZYME PRECURSORS, metabolism/ KINETICS/ *LIVER, enzymology/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, physiology/ *PROTEIN KINASE/ PROTEIN KINASE, isolation & purification/ PROTEIN KINASE, metabolism/ RATS

9041. **Takamatsu S, Satoh K, Sakuta S, et al:** [Plasma and serum antithrombin III levels in cerebrovascular patients (author's transl)] Acta Haematol Jpn 40(2):238–43, Apr 77 (Eng. Abstr.) **(Jpn)**
ADULT/ AGED/ *ANTITHROMBINS, analysis/ *CEREBROVASCULAR DISORDERS, blood/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE

9042. **Takaori M:** [Pulmonary microembolism following massive transfusion of stored blood (author's transl)] Respir Circ (Tokyo) 24(12):1059–64, Dec 76 **(Jpn)**
*BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ HUMAN/ *PULMONARY EMBOLISM, etiology

9043. **Takayama N, Kirn A:** An improved method for titration of mouse hepatitis virus type 3 in a mouse cell culture. Arch Virol 52(4):347–9, 1976
CELL LINE/ COMPARATIVE STUDY/ CYTOPATHOGENIC EFFECT, VIRAL, drug effects/ DEAE-DEXTRAN, pharmacodynamics/ *HEPATITIS VIRUS, MOUSE, isolation & purification/ LETHAL DOSE 50/ MICE/ *PLAQUE ASSAY, methods/ TRYPSIN, pharmacodynamics

9044. **Takeda H, Kuwahara M, Aoyama H:** [Determination of serum trypsin and its inhibitors] Jpn J Clin Med 34 suppl:2488–94, 1976 **(Jpn)**
HUMAN/ *TRYPSIN INHIBITORS, blood/ *TRYPSIN, blood

9045. **Takeda S, Takaki A, Ohsato K:** [Studies on coagulation and fibrinolysis in obstructive jaundice (author's transl)] Jpn J Clin Hematol 17(7):750–7, Jul 76 (Eng. Abstr.) **(Jpn)**
AGED/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *JAUNDICE, OBSTRUCTIVE, blood/ MALE/ MIDDLE AGE

9046. **Takeda S:** [Clinical and laboratory studies on the development of bleeding tendency in obstructive jaundice (author's transl)] Fukuoka Acta Med 68(1):7–19, Jan 77

(Eng. Abstr.) (Jpn)
ADULT/ AGED/ BLOOD COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGE, etiology/ HUMAN/ JAUNDICE, OBSTRUCTIVE, blood/ *JAUNDICE, OBSTRUCTIVE, complications/ MALE/ MIDDLE AGE

9047. **Takeda S, Takaki A, Ohsato K:** Occurrence of disseminated intravascular coagulation (DIC) in obstructive jaundice and its relation to biliary tract infection. Jpn J Surg 7(2):82–9, Jun 77
ADULT/ AGED/ ALPHA 1-ANTITRYPSIN, analysis/ ANTITHROMBINS, analysis/ BACTERIAL INFECTIONS, blood/ *BACTERIAL INFECTIONS, complications/ BACTERIAL INFECTIONS, microbiology/ BILE DUCTS, microbiology/ BILIARY TRACT DISEASES, blood/ *BILIARY TRACT DISEASES, complications/ BILIARY TRACT DISEASES, microbiology/ CASE REPORT/ CHOLANGITIS, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ESCHERICHIA COLI, isolation & purification/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HUMAN/ JAUNDICE, OBSTRUCTIVE, blood/ *JAUNDICE, OBSTRUCTIVE, complications/ KLEBSIELLA, isolation & purification/ MALE/ MIDDLE AGE

9048. **Takeichi N, Boone CW, Klein E:** Local adoptive transfer to mice of human delayed hypersensitivity: reactions by the radioisotopic footpad assay. Clin Exp Immunol 26(2):310–3, Nov 76
ADOLESCENCE/ ADULT/ ANIMAL/ ANTIGENS/ ANTIGENS, NEOPLASM/ BCG, immunology/ FEMALE/ HINDLIMB/ *HYPERSENSITIVITY, DELAYED/ IMMUNITY, CELLULAR/ *IMMUNITY, PASSIVE/ LYMPHOCYTES, transplantation/ MALE/ MELANOMA, immunology/ MICE/ MIDDLE AGE/ MYCOSIS FUNGOIDES, immunology/ SKIN TESTS/ STREPTOKINASE, immunology/ TRANSPLANTATION, HETEROLOGOUS/ TUBERCULIN, immunology

9049. **Takesue Y, Tamura R, Nishi Y:** Immunochemical studies on the subunits of rabbit-intestinal sucrase-isomaltase complex. Biochim Biophys Acta 483(2):375–85, 11 Aug 77
AGGLUTINATION/ ANTIGENIC DETERMINANTS/ CELL MEMBRANE, enzymology/ CITRACONIC ANHYDRIDE/ GEL DIFFUSION TESTS/ *GLYCOSIDE HYDROLASES, immunology/ IGG/ *INTESTINES, enzymology/ MALTOSE/ *MULTIENZYME COMPLEXES, immunology/ PROTEIN BINDING/ RABBITS/ *SUCRASE, immunology/ TRYPSIN

9050. **Taketa F, Mauk AG, Mauk MR, et al:** The tryptic peptide composition of the beta chains of hemoglobins A and B of the Domestic cat (Felis catus) J Mol Evol 9(3):261–71, 13 May 77
AMINO ACID SEQUENCE/ ANIMAL/ *CATS, blood/ COMPARATIVE STUDY/ *HEMOGLOBIN A/ *HEMOGLOBINS/ HUMAN/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9051. **Taketomi Y, Kuramoto A:** [Platelet glucose metabolism and its function--energy dependency of fresh- and fixed-platelets in aggregation and clot retraction--(author's transl)] Acta Haematol Jpn 39(5):671–81, Oct 76 (Eng. Abstr.) (Jpn)
*BLOOD PLATELETS, metabolism/ *CLOT RETRACTION/ ENGLISH ABSTRACT/ GLUCOSE, metabolism/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ POLYLYSINE, pharmacodynamics

9052. **Takeuchi H, Matsumoto M, Mori A:** Modification of effects of biologically active peptides, caused by enzyme treatment, on the excitability of identifiable giant neurones of an African giant snail (Achatina fulica Férussac). Experientia 33(2):249–51, 15 Feb 77
AMINO ACID SEQUENCE/ ANIMAL/ NEURONS, drug effects/ *NEURONS, physiology/ *OXYTOCIN, analogs & derivatives/ OXYTOCIN, pharmacodynamics/ *PEPTIDES, pharmacodynamics/ PHYSALAEMIN, pharmacodynamics/ *SNAILS, physiology/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN/ *VASOTOCIN, analogs & derivatives/ VASOTOCIN, pharmacodynamics

9053. **Takeuchi H, Morimasa T, Matsumoto M:** Inhibitory tripeptide, Lys-Phe-Tyr, as a fragment of physalaemin. Experientia 33(7):938–9, 15 Jul 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BIOLOGICAL ASSAY/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ *KININS/ KININS, pharmacodynamics/ NEURONS, drug effects/ NEURONS, physiology/ *OLIGOPEPTIDES/ OLIGOPEPTIDES, isolation & purification/ OLIGOPEPTIDES, pharmacodynamics/ PEPTIDE FRAGMENTS/ *PHYSALAEMIN/ PHYSALAEMIN, pharmacodynamics/ SNAILS

9054. **Takeuchi S, Suto T:** Behaviors of a vigorous protease-producing strain of Staphylocollus aureus in the skin tissue of mice. Jpn J Microbiol 20(3):155–62, Jun 76
ANIMAL/ DISEASE MODELS, ANIMAL/ HEMOLYSINS, biosynthesis/ MICE/ MICROCOCCAL NUCLEASE, biosynthesis/ PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, toxicity/ PHAGOCYTOSIS/ *SKIN DISEASES, INFECTIOUS, microbiology/ SKIN DISEASES, INFECTIOUS, pathology/ *SKIN, microbiology/ SKIN, pathology/ *STAPHYLOCOCCAL INFECTIONS, microbiology/ STAPHYLOCOCCAL INFECTIONS, pathology/ *STAPHYLOCOCCUS AUREUS, metabolism

9055. **Takeuchi S, Suto T:** Antibody response and protective ability of rabbits inoculated with Staphylococcus aureus strain CH-91. Natl Inst Anim Health Q (Tokyo) 16(3):107–13, Fall 76
ANIMAL/ *ANTIBODY FORMATION/ HEMOLYSINS, analysis/ IMMUNIZATION/ MICROCOCCAL NUCLEASE, immunology/ PEPTIDE HYDROLASES, immunology/ *RABBITS, immunology/ SKIN DISEASES, INFECTIOUS, immunology/ SKIN DISEASES, INFECTIOUS, veterinary/ STAPHYLOCOCCAL INFECTIONS, immunology/ STAPHYLOCOCCAL INFECTIONS, veterinary/ STAPHYLOCOCCAL TOXOID/ *STAPHYLOCOCCUS AUREUS, immunology

9056. **Takeuchi S, Miyao S, Azuma R, et al:** Precipitating antibody against protease of Corynebacterium pyogenes in pigs. Natl Inst Anim Health Q (Tokyo) 17(1):10–5, Spring 77
ABSCESS, immunology/ ABSCESS, veterinary/ ANIMAL/ *ANTIBODIES, BACTERIAL/ CORYNEBACTERIUM INFECTIONS, immunology/ *CORYNEBACTERIUM INFECTIONS, veterinary/ CORYNEBACTERIUM PYOGENES, enzymology/ CORYNEBACTERIUM PYOGENES, immunology/ GEL DIFFUSION TESTS/ *PEPTIDE HYDROLASES, immunology/ *SWINE DISEASES, immunology/ SWINE

9057. **Takigawa M, Imamura S:** Experimental production of rabbit anti-guinea-pig epidermal cell sera. Comparison to pemphigus antibodies. J Invest Dermatol 68(5):259–64, May 77
ANIMAL/ *ANTIBODIES/ ANTIBODY SPECIFICITY/ ANTIGENIC DETERMINANTS/ CELL MEMBRANE, immunology/ COMPARATIVE STUDY/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ESOPHAGUS, immunology/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GUINEA PIGS/ HUMAN/ *IMMUNE SERUMS/ MALE/ MICE/ MONKEYS/ MOUTH MUCOSA, immunology/ *PEMPHIGUS, immunology/ RABBITS/ RATS/ RHESUS MONKEYS/ *SKIN, immunology/ TRYPSIN, pharmacodynamics

9058. **Takiuchi I, Higuchi D:** [Isolation, purification and biochemical properties of keratinase elaborated from

Microsporum gypseum (author's transl)]
Jpn J Dermatol 87(5):305-9, Apr 77 **(Jpn)**
KERATIN/ *MICROSPORUM, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification

9059. **Talalak P:** Action of Trimeresurus erythrusus and Trimeresurus popeorum venom on blood coagulation. J Med Assoc Thai 60(1):9-18, Jan 77
BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ CASE REPORT/ CHILD/ CLOT RETRACTION/ FIBRINOLYSIS/ HUMAN/ IN VITRO/ MALE/ *SNAKE BITES, blood/ *SNAKE VENOMS, pharmacodynamics/ *SNAKES/ THAILAND/ THROMBELASTOGRAPHY

9060. **Talarico L, Weintraub LR:** Leukocytic fibrinolysis in myelomonocytic leukemia. Cancer 39(4):1618-24, Apr 77
BLOOD COAGULATION/ CASE REPORT/ CATS/ *FIBRINOLYSIS/ HEMORRHAGE, complications/ HUMAN/ *LEUKEMIA, MYELOCYTIC, blood/ LEUKEMIA, MYELOCYTIC, complications/ LEUKEMIA, MYELOCYTIC, physiopathology/ LEUKOCYTES, enzymology/ *LEUKOCYTES, physiology/ MALE/ PEPTIDE HYDROLASES, metabolism

9061. **Tallián A, Krakovits G:** Arteria ulnaris thrombosis kialakulása carpal-tunnel syndroma kapcsán Orv Hetil 118(20):1173-4, 15May 77 **(Hun)**
ADULT/ *CARPAL TUNNEL SYNDROME, complications/ CASE REPORT/ HUMAN/ MALE/ *THROMBOSIS, etiology/ WRIST, blood supply

9062. **Talner LB:** Functional aspects of uroradiology. Contrib Nephrol 5:3-40, 1977 (0 ref.)
ADULT/ CHILD/ CONTRAST MEDIA, adverse effects/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYPERTENSION, RENAL, radiography/ INFANT, NEWBORN/ KIDNEY CONCENTRATING ABILITY/ *KIDNEY DISEASES, radiography/ KIDNEY, physiopathology/ *KIDNEY, radiography/ RENAL ARTERY, radiography/ RENAL VEINS, radiography/ REVIEW/ THROMBOPHLEBITIS, radiography/ ULTRASONICS, diagnostic use/ URETERAL OBSTRUCTION, radiography/ UROGRAPHY, adverse effects/ *UROGRAPHY, methods

9063. **Talvik R, Liigant A, Sissak HM, et al:** Respiratory failure in acute pancreatitis. Intensive Care Med 3(2):97-8, Aug 77
ACUTE DISEASE/ AMYLASE, blood/ ATELECTASIS, pathology/ BLOOD COAGULATION DISORDERS, complications/ HUMAN/ *PANCREATITIS, complications/ RESPIRATORY FUNCTION TESTS/ *RESPIRATORY INSUFFICIENCY, complications/ RESPIRATORY INSUFFICIENCY, diagnosis/ RESPIRATORY INSUFFICIENCY, etiology/ RESPIRATORY INSUFFICIENCY, pathology

9064. **Tamai S, Hori Y, Tatsumi Y, et al:** Hallux-to-thumb transfer with microsurgical technique: a case report in a 45-year-old woman. J Hand Surg 2(2):152-5, Mar 77
*AMPUTATION, TRAUMATIC, surgery/ CASE REPORT/ FEMALE/ *HALLUX, transplantation/ HEMATOMA, surgery/ HUMAN/ *MICROSURGERY, methods/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, surgery/ SKIN, transplantation/ THROMBOSIS, surgery/ *THUMB, surgery/ TRANSPLANTATION, AUTOLOGOUS

9065. **Tamai S, Tatsumi Y, Shimizu T, et al:** Traumatic amputation of digits: the fate of remaining blood. An experimental and clinical study. J Hand Surg 2(1):13-21, Jan 77
*AMPUTATION, TRAUMATIC, complications/ ANIMAL/ ANTIBIOTICS, therapeutic use/ ARTERIOVENOUS ANASTOMOSIS/ BLOOD VESSELS/ DEXTRAN, therapeutic use/ EAR, EXTERNAL, blood supply/ EAR, EXTERNAL, surgery/ *FINGER INJURIES, physiopathology/ FINGER INJURIES, surgery/ *FINGERS, surgery/ HEPARIN, therapeutic use/ HUMAN/ IRRIGATION/ MODELS, BIOLOGICAL/ RABBITS/ *REIMPLANTATION/ TRANSPLANTATION, AUTOLOGOUS/ UROKINASE, therapeutic use

9066. **Tamakawa Y, Takahashi M, Tohyama T, et al:** [Case of renal hamartoma (angiomyolipoma) revealed by retroperitoneal hemorrhage] Jpn J Clin Radiol 21(5):441-4, Apr 76 **(Jpn)**
ADULT/ CASE REPORT/ HEMANGIOMA, complications/ *HEMANGIOMA, radiography/ *HEMORRHAGE, etiology/ HUMAN/ KIDNEY NEOPLASMS, complications/ *KIDNEY NEOPLASMS, radiography/ LIPOMA, complications/ *LIPOMA, radiography/ MALE/ *RETROPERITONEAL SPACE

9067. **Tamborine G, Barbieri U, Forese S, et al:** Determinazione dei prodotti di degradazione del fibrinogeno fibrina (FDP) urinari in diverse nefropatie glomerulari infantili Minerva Pediatr 29(8):525-8, 10 Mar 77 **(Ita)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, urine/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, urine/ *GLOMERULONEPHRITIS, urine/ *GLOMERULOSCLEROSIS, FOCAL, urine/ HUMAN/ MALE

9068. **Tamborino G, Massolo F, Galli V, et al:** La terapia eparinica nelle glomerulonefriti rapidamente progressive Minerva Pediatr 29(8):499-503, 10 Mar 77 **(Ita)**
CHILD/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, pathology/ *HEPARIN, therapeutic use/ HUMAN/ KIDNEY, pathology/ MALE

9069. **Tamborino G, Galli V, Massolo F, et al:** La terapi eparinica nella lupus-nefrite. Contributo clinico Minerva Pediatr 29(8):505-8, 10 Mar 77 **(Ita)**
CASE REPORT/ CHILD/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, etiology/ GLOMERULONEPHRITIS, pathology/ *HEPARIN, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY, pathology/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology

9070. **Tamura Y, Fujii S:** Purification of human plasma kallikrein and urokinase by affinity chromatography. J Biochem (Tokyo) 80(3):507-11, Sep 76
ACETONE/ CHROMATOGRAPHY, AFFINITY/ EDTA/ HOMOARGININE/ HUMAN/ *KALLIKREIN, blood/ KALLIKREIN, isolation & purification/ *PEPTIDE PEPTIDOHYDROLASES, blood/ *UROKINASE, blood/ UROKINASE, isolation & purification

9071. **Tan KL, Hwang WS:** Neonatal brain tissue embolism in the lung. Aust NZ J Med 6(2):146-9, Apr 76
*BIRTH INJURIES, complications/ *BRAIN INJURIES, ACUTE, complications/ BRAIN/ CASE REPORT/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ MALE/ *PULMONARY EMBOLISM, etiology

9072. **Tan MH, Sata T, Havel RJ:** The significance of lipoprotein lipase in rat skeletal muscles. J Lipid Res 18(3):363-70, May 77
ADIPOSE TISSUE, enzymology/ ANIMAL/ APOLIPOPROTEINS, pharmacodynamics/ DIAPHRAGM, enzymology/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIPOPROTEIN LIPASE, isolation & purification/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ *MUSCLES, enzymology/ MYOCARDIUM, enzymology/ ORGAN SPECIFICITY/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9073. **Tan NH, Kaiser ET:** Studies on the solid-phase synthesis of bovine pancreatic trypsin inhibitor (Kunitz) and the characterization of the synthetic material. J Org Chem 41(17):2787-93, 20 Aug 76
AMINO ACID SEQUENCE/ ANIMAL/ CATTLE/ CHEMISTRY/

*KALLIKREIN-TRYPSIN INACTIVATOR, chemical synthesis/ METHODS/ PEPTIDES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9074. **Tan NH, Kaiser ET:** Synthesis and characterization of a pancreatic trypsin inhibitor homologue and a model inhibitor. Biochemistry 16(8):1531–41, 19 Apr 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHYMOTRYPSIN, antagonists & inhibitors/ *KALLIKREIN-TRYPSIN INACTIVATOR/ KALLIKREIN-TRYPSIN INACTIVATOR, chemical synthesis/ KINETICS/ PEPTIDES, chemical synthesis/ PEPTIDES, pharmacodynamics/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9075. **Tan R:** Haemangioma. Br J Dermatol 97 Suppl 15:62, Jul 77
ADULT/ CASE REPORT/ *FOOT DISEASES/ *HEMANGIOMA/ HUMAN/ MALE/ *SKIN NEOPLASMS

9076. **Tanaka J, Ogura H, Hatano M:** Cellular proteases increased in paramyxovirus (Sendai virus) carrier cells possibly responsible for enhanced formation of cowpox virus-specific cell surface antigen. Arch Virol 53(1–2):87–99, 1977
ACID PHOSPHATASE, metabolism/ *ANTIGENS, VIRAL/ ANTIGENS, VIRAL, analysis/ CELL LINE/ CELL MEMBRANE, immunology/ DACTINOMYCIN, pharmacodynamics/ GLUCURONIDASE, metabolism/ HYDROGEN-ION CONCENTRATION/ LYSOSOMES, enzymology/ *PARA-INFLUENZA VIRUS TYPE 1, growth & development/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ PUROMYCIN, pharmacodynamics/ VACCINIA VIRUS, growth & development/ *VACCINIA VIRUS, immunology/ VACCINIA VIRUS, metabolism/ VIRUS REPLICATION

9077. **Tanaka K, Goto K:** Partial purification of the ovarian oviposition-inducing factor and estimation of its chemical nature. Poult Sci 55(5):1774–8, Sep 76
ANIMAL/ *CHICKENS, physiology/ CHROMATOGRAPHY, GEL/ FEMALE/ *OVARY, analysis/ *OVIPOSITION, drug effects/ THIOGLYCOLATES, pharmacodynamics/ TISSUE EXTRACTS, isolation & purification/ TISSUE EXTRACTS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UTERUS, drug effects

9078. **Tanaka M, Tanaka M, Nakaide Y, et al:** [Effect of vincristine in idiopathic thrombocytopenic purpura (author's transl)] Jpn J Clin Hematol 17(12):1261–5, Dec 76 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ *VINCRISTINE, therapeutic use

9079. **Tanaka M, Uchiyama M, Umezaki T, et al:** A new diagnostic aid in traumatic hemobilia. Endoscopy 9(1):54–7, Mar 77
ADULT/ CASE REPORT/ ENDOSCOPY, methods/ HEMATOMA, diagnosis/ *HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ *LIVER, injuries/ LIVER, surgery/ MALE/ POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, surgery

9080. **Tanaka M, Haniu M, Yasunobu KT, et al:** Complete amino acid sequence of azotoflavin, a flavodoxin from Azotobacter vinelandii. Biochemistry 16(16):3525–37, 9 Aug 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *AZOTOBACTER/ *FLAVODOXIN/ *FLAVOPROTEINS/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9081. **Tanaka S, Scheraga HA:** Statistical mechanical treatment of protein conformation. 5. A multistate model for specific-sequence copolymers of amino acids. Macromolecules 10(1):9–20, Jan–Feb 77
AMINO ACID SEQUENCE/ *AMINO ACIDS/ CATTLE/ CHEMISTRY/ CLOSTRIDIUM, enzymology/ *FLAVODOXIN/ *FLAVOPROTEINS/ MODELS, CHEMICAL/ PANCREAS/ *PROTEIN CONFORMATION/ STATISTICS/ *TRYPSIN INHIBITORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9082. **Tanaka S, Scheraga HA:** Model of protein folding: incorporation of a one-dimensional short-range (Ising) model into a three-dimensional model. Proc Natl Acad Sci USA 74(4):1320–3, Apr 77
METHODS/ MODELS, CHEMICAL/ *PROTEIN CONFORMATION/ TRYPSIN INHIBITORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9083. **Tang SS, Frojmovic MM:** The effects of pCO2 and pH on platelet shape change and aggregation for human and rabbit platelet-rich plasma. Thromb Res 10(1):135–45, Jan 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, physiology/ *CARBON DIOXIDE, blood/ EPINEPHRINE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OXYGEN, blood/ PARTIAL PRESSURE/ *PLATELET AGGREGATION/ RABBITS/ SEROTONIN, pharmacodynamics

9084. **Taniguchi T, Niitani H, Saijo N, et al:** Differences of lysosomal membranes stabilities recognized between tumor cells and non-tumor cells against lysosome labilizers. J Jpn Soc Cancer Ther 11(2):218–26, 20 Jun 76
ANIMAL/ GLUCURONIDASE, metabolism/ LIPOPROTEIN LIPASE, pharmacodynamics/ *LYSOSOMES, drug effects/ LYSOSOMES, enzymology/ MALE/ MURAMIDASE, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ RATS/ *SARCOMA, YOSHIDA/ SARCOMA, YOSHIDA, enzymology/ TRITONS, pharmacodynamics

9085. **Tanizawa K, Kasaba Y, Kanaoka Y:** 'Inverse substrates' for trypsin. Efficient enzymatic hydrolysis of certain esters with a cationic center in the leaving group1. J Am Chem Soc 99(13):4485–8, 22 Jun 77
BENZAMIDINES/ BENZOYLARGININE NITROANILIDE/ KINETICS/ *TRYPSIN, metabolism

9086. **Tannert W:** Experimentell erzeugte Erhöhung der Toleranz gegenüber Warfarin bei der Hausmaus (Mus musculus) Monatsh Veterinaermed 31(23):895–9, 1 Dec 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ DRUG RESISTANCE/ DRUG TOLERANCE/ ENGLISH ABSTRACT/ MICE/ WARFARIN, administration & dosage/ *WARFARIN, pharmacodynamics

9087. **Tanswell P, Stan-Lotter H, Gollwitzer R, et al:** Immunochemistry of bovine fibrinogen--III. Localization of two antigenic determinants in fibrinopeptide B. Immunochemistry 14(4):277–81, Apr 77
AMINO ACID SEQUENCE/ ANIMAL/ ANTIBODY FORMATION/ ANTIGENIC DETERMINANTS/ BINDING SITES, ANTIBODY/ CATTLE/ *FIBRINOGEN, immunology/ *FIBRINOPEPTIDES B, immunology

9088. **Taplin GV, Chopra SK, MacDonald NS, et al:** Imaging small pulmonary ischemic lesions after radioactive carbon monoxide inhalation. J Nucl Med 17(10):866–71, Oct 76
ANIMAL/ *CARBON MONOXIDE, diagnostic use/ CARBON RADIOISOTOPES, diagnostic use/ DOGS/ *ISCHEMIA, diagnosis/ *LUNG, blood supply/ PULMONARY EMBOLISM, diagnosis/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9089. **Taplin GV, Chopra SK:** Ventilation-perfusion studies in suspected pulmonary embolism [letter]. J Nucl Med 18(2):190–1, Feb 77
HUMAN/ *PULMONARY EMBOLISM, diagnosis/ VENTILATION-PERFUSION RATIO/ *XENON

RADIOISOTOPES, diagnostic use

9090. **Taplin GV, Chopra SK, Elam D:** Imaging experimental pulmonary ischemic lesions after inhalation of a diffusible radioaerosol: concise communication. J Nucl Med 18(3):250–4, Mar 77
AEROSOLS/ ANIMAL/ BLOOD COAGULATION/ CAPILLARIES, physiopathology/ CARBON DIOXIDE/ CARBON RADIOISOTOPES, administration & dosage/ DIFFUSION/ DOGS/ INDIUM/ *ISCHEMIA, diagnosis/ LUNG DISEASES, diagnosis/ *LUNG, blood supply/ OXYGEN RADIOISOTOPES, administration & dosage/ PULMONARY ALVEOLI, physiopathology/ PULMONARY EMBOLISM, diagnosis/ RADIOISOTOPES/ *RADIONUCLIDE IMAGING/ *TECHNETIUM, administration & dosage/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9091. **Taplin GV, Poe ND, Isawa T, et al:** Radioaerosol and xenon gas inhalation and lung perfusion scintigraphy. Scand J Respir Dis [Suppl] (85):144–58, 1974
*AEROSOLS/ AIRWAY OBSTRUCTION, diagnosis/ ALBUMINS, diagnostic use/ CARCINOMA, BRONCHOGENIC, diagnosis/ CARCINOMA, OAT CELL, diagnosis/ CHRONIC DISEASE/ HUMAN/ INDIUM, diagnostic use/ LUNG DISEASES, OBSTRUCTIVE, diagnosis/ LUNG NEOPLASMS, diagnosis/ MALE/ MIDDLE AGE/ PULMONARY CIRCULATION/ PULMONARY EMBOLISM, diagnosis/ *RADIONUCLIDE IMAGING, methods/ RESPIRATORY AIRFLOW/ TECHNETIUM, diagnostic use/ *VENTILATION-PERFUSION RATIO/ *XENON RADIOISOTOPES, administration & dosage

9092. **Tarâlov S, Kukladgiev B:** Nephelometric study of the clotting of blood plasma (fibrinogen–fibrin phase) by patients with delirium tremens and chronic alcoholics. Folia Med (Plovdiv) 18(2):171–6, 1976
ADULT/ AGED/ *ALCOHOLISM, blood/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ BLOOD PLATELETS/ CALCIUM, blood/ *DELIRIUM TREMENS, blood/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HUMAN/ MALE/ MIDDLE AGE/ *PSYCHOSES, ALCOHOLIC, blood

9093. **Tarasiewicz S, Mackowiak J, Moniuszko-Jakoniuk J, et al:** Influence of globulin degradation products (GDP) on some centrally acting drugs. Acta Med Pol 18(2):113–21, 1977
*AMPHETAMINE, pharmacodynamics/ ANIMAL/ *GLOBULINS, metabolism/ MALE/ MICE/ PEPTIDES, pharmacodynamics/ *PSYCHOTROPIC DRUGS, pharmacodynamics/ RATS/ *THIOPENTAL, pharmacodynamics/ TRYPSIN

9094. **Tarasov NI, Annamuradov T:** Operativnoe lechenie podkozhnykh povrezhdenii iaichka Urol Nefrol (Mosk) (6):25–7, Nov–Dec 76 (Eng. Abstr.) **(Rus)**
ACCIDENTS, HOME/ ACCIDENTS, TRAFFIC/ ADOLESCENCE/ ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ HEMATOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ RUPTURE/ *SCROTUM, injuries/ SCROTUM, surgery/ *TESTIS, injuries/ TESTIS, surgery/ TURKMENISTAN

9095. **Tarayre JP, Lauressergues H:** Advantages of a combination of proteolytic enzymes, flavonoids and ascorbic acid in comparison with non-steroid anti-inflammatory agents. Arzneim Forsch 27(6):1144–9, 1977
ANIMAL/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ ASCORBIC ACID, pharmacodynamics/ *ASCORBIC ACID, therapeutic use/ BIOFLAVONOIDS, pharmacodynamics/ *BIOFLAVONOIDS, therapeutic use/ CAPILLARY PERMEABILITY, drug effects/ COMPARATIVE STUDY/ DRUG COMBINATIONS/ EDEMA, drug therapy/ MALE/ MICE/ PEPTIDE HYDROLASES, pharmacodynamics/ *PEPTIDE HYDROLASES, therapeutic use/ RATS

9096. **Tareev EM, Andreenko GV, Poliantseva LR, et al:** Sostoianie sistemy gemokoaguliatsii i fibrinoliza pri nefroticheskom sindrome Klin Med (Mosk) 54(8):25–33, Aug 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ CASE REPORT/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *NEPHROTIC SYNDROME, physiopathology

9097. **Tareeva IE, Borisov IA:** Lechenie volchanochnogo nefrita geparinom i kurantilom Ter Arkh 48(7):114–6, 1976 **(Rus)**
ADULT/ CASE REPORT/ *DIPYRIDAMOLE, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, etiology/ *HEPARIN, therapeutic use/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ MIDDLE AGE

9098. **Tartakovskaia AI, Aleksandrova LM, Stepaniants ER:** Sostoianie svertyvaiushcheĭ sistemy krovi i antikoaguliantnye preparaty v kompleksnom lechenii khorioretinal'nykh distrofii Vestn Oftalmol (1):74–7, 1977 **(Rus)**
ADULT/ *BLOOD COAGULATION/ DRUG COMBINATIONS/ *HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ *RETINAL DEGENERATION, blood/ RETINAL DEGENERATION, drug therapy/ *TRYPSIN, therapeutic use

9099. **Tas J:** The Alcian blue and combined Alcian blue--Safranin O staining of glycosaminoglycans studied in a model system and in mast cells. Histochem J 9(2):205–30, Mar 77
*ALCIAN BLUE, diagnostic use/ ANIMAL/ CHONDROITIN SULFATES, analysis/ CYTOPLASMIC GRANULES, analysis/ *GLYCOSAMINOGLYCANS, analysis/ HAMSTERS/ HEPARIN, analysis/ HEPARITIN SULFATE, analysis/ HYALURONIC ACID, analysis/ HYDROGEN-ION CONCENTRATION/ *INDOLES, diagnostic use/ KERATAN SULFATE, analysis/ MAST CELLS, analysis/ RATS/ *STAINS AND STAINING

9100. **Tascon A, Aznar JA, Mayans JR, et al:** Estudio de la fibrinemia soluble circulante por el test del etanol durante el parto Sangre (Barc) 22(2):191–6, 1977 (Eng. Abstr.) **(Spa)**
ADULT/ *ALCOHOL, ETHYL, diagnostic use/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS, methods/ ENGLISH ABSTRACT/ FEMALE/ *FIBRIN, analysis/ HUMAN/ LABOR COMPLICATIONS, diagnosis/ *LABOR/ PREGNANCY/ *PUERPERIUM/ SOLUBILITY

9101. **Tate DF, Galvan L, Ungar G:** Isolation and identification of two learning-induced brain peptides. Pharmacol Biochem Behav 5(4):441–8, Oct 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *AVOIDANCE LEARNING/ *BRAIN CHEMISTRY/ *CYPRINIDAE, metabolism/ *GOLDFISH, metabolism/ HYDROLYSIS/ *PEPTIDES, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9102. **Tateson JE, Moncada S, Vane JR:** Effects of prostacyclin (PGX) on cyclic AMP concentrations in human platelets. Prostaglandins 13(3):389–97, Mar 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ *PROSTAGLANDINS F, pharmacodynamics

9103. **Tattersall P, Shatkin AJ, Ward DC:** Sequence homology between the structural polypeptides of minute virus of mice. J Mol Biol 111(4):375–94, 25 Apr 77
*CAPSID, analysis/ CHYMOTRYPSIN/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE

GEL/ IODINE RADIOISOTOPES/ *MINUTE VIRUS OF MICE, analysis/ *PARVOVIRUSES, analysis/ PEPTIDE FRAGMENTS/ *PEPTIDES, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VIRAL PROTEINS, analysis

9104. **Taube HD:** Anästhesiologische Gesichtspunkte bei der Entnahme von Spendernieren und bei Nierentransplantation. Prakt Anaesth 12(2):123–7, Apr 77 (Eng. Abstr.) **(Ger)**
ANEMIA, etiology/ BLOOD VOLUME/ CEREBRAL HEMORRHAGE, prevention & control/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY FAILURE, CHRONIC, complications/ KIDNEY, drug effects/ *KIDNEY, transplantation/ NEPHRECTOMY/ NEUROLEPTOANALGESIA/ OXYGEN/ PHENOXYBENZAMINE, pharmacodynamics/ PROTAMINES, therapeutic use/ RESPIRATION, ARTIFICIAL/ TISSUE DONORS

9105. **Tauchmannová H, Trnavský K, Tauchmann M:** Intraartikuliarnoe lechenie osteoartroza kolennogo sustava antilizinom Vopr Revm (4):56–7, Oct–Dec 76 **(Rus)**
ADULT/ AGED/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ *BONE DISEASES, drug therapy/ CLINICAL RESEARCH/ DRUG EVALUATION/ FEMALE/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ *JOINT DISEASES, drug therapy/ *KNEE JOINT/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, antagonists & inhibitors

9106. **Taura K, Shinzato K, Harada T, et al:** [Kidney and fibrinolysis (1) with special reference to systemic fibrindytic activities] Jpn J Nephrol 18(12):793–801, Dec 76 (Eng. Abstr.) **(Jpn)**
ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *KIDNEY DISEASES, blood/ MALE

9107. **Taura S, Ito T, Tsuchiya R, et al:** Ultrastructural studies of experimental acute pancreatitis. Gastroenterol Jpn 11(1):12–22, 1976
ACUTE DISEASE/ ANIMAL/ DOGS/ GLUCURONIDASE/ MALE/ MICROSCOPY, ELECTRON/ PANCREAS, ultrastructure/ PANCREATITIS, chemically induced/ *PANCREATITIS, pathology/ TRYPSIN

9108. **Tauschel HD, Hermann M:** Pharmakologische Wirkung von Piprozolin auf das exokrine Pankreas beim Hund Arzneim Forsch 27(2b):489–93, 1977 (Eng. Abstr.) **(Ger)**
AMYLASE, secretion/ ANIMAL/ BICARBONATES, secretion/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ LIPASE, secretion/ MALE/ *PANCREAS, drug effects/ PANCREAS, secretion/ PANCREATIC JUICE, secretion/ PIPERIDINES, pharmacodynamics/ PROTEINS, secretion/ *THIAZOLES, pharmacodynamics/ TRYPSIN, secretion

9109. **Tavassoli M, Bening J, Houchin D, et al:** Experimental induction of erythroblastemia using intravenous carbonyl iron particles. Am J Pathol 85(2):363–72, Nov 76
ANIMAL/ CELL NUCLEUS, drug effects/ *DISEASE MODELS, ANIMAL/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ *ERYTHROBLASTS, drug effects/ ERYTHROBLASTS, ultrastructure/ *ERYTHROCYTES, drug effects/ *HEMATOLOGIC DISEASES, chemically induced/ *IRON/ IRON, administration & dosage/ IRON, pharmacodynamics/ PARTICLE SIZE/ RABBITS

9110. **Tavassoli M, Yelenosky R:** Platelet-derived acid phosphatase isoenzyme in the serum in thrombocythemia. Am J Clin Pathol 67(2):177–9, Feb 77
*ACID PHOSPHATASE, blood/ AGED/ *BLOOD PLATELETS, enzymology/ CASE REPORT/ HUMAN/ *ISOENZYMES, blood/ MALE/ PLASMA, enzymology/ *THROMBOCYTOSIS, enzymology

9111. **Tavis MJ, Thornton JW, Harney JH, et al:** Graft adherence to de-epithelialized surfaces: a comparative study. Ann Surg 184(5):594–600, Nov 76
ANIMAL/ COLLAGEN, physiology/ COMPARATIVE STUDY/ *FASCIA, transplantation/ FIBRIN, physiology/ *GRAFT SURVIVAL/ *GRANULATION TISSUE, transplantation/ MEMBRANES, ARTIFICIAL/ RATS/ SILICONES/ *SKIN, transplantation/ SWINE/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

9112. **Taylor BG, Zafarzai MZ, Humphreys DW, et al:** Nodular pulmonary infiltrates and septic arthritis associated with Yersinia enterocolitica bacteremia. Am Rev Respir Dis 116(3):525–9, Sep 77
*ARTHRITIS, INFECTIOUS, complications/ CASE REPORT/ HUMAN/ *LUNG DISEASES, complications/ LUNG DISEASES, diagnosis/ MALE/ MIDDLE AGE/ PNEUMONIA, complications/ PULMONARY EMBOLISM, complications/ *SEPTICEMIA, complications/ *YERSINIA INFECTIONS/ YERSINIA INFECTIONS, diagnosis/ YERSINIA, isolation & purification

9113. **Taylor DG, Williams VM, Crawford N:** Platelet membrane actin: solubility and binding studies with 125I-labelled actin. Biochem Soc Trans 4(1):156–60, 1976
*ACTIN/ ACTIN, blood/ *BLOOD PLATELETS, analysis/ CELL MEMBRANE, analysis/ HUMAN/ IODOPROTEINS, blood/ MOLECULAR WEIGHT/ TRITONS

9114. **Taylor DG, Williams VM, Crawford N:** Bis-(4-methylumbelliferyl) phosphate as a substrate for the surface membrane-associated phosphodiesterase activity of pig platelets. Biochim Biophys Acta 465(3):667–71, 17 Mar 77
ANIMAL/ *BLOOD PLATELETS, enzymology/ CELL MEMBRANE, enzymology/ DITHIOTHREITOL, pharmacodynamics/ FLUORIDES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ ORGANOPHOSPHORUS COMPOUNDS, metabolism/ *PHOSPHODIESTERASES, blood/ SWINE/ TARTRATES, pharmacodynamics/ UMBELLIFERONES, metabolism

9115. **Taylor PA, Fink S, Bing DH, et al:** Further studies on the identification of the subcomponents of the first component of complement after affinity chromatography of human serum on IgG-sepharose. J Immunol 118(5):1722–7, May 77
CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *COMPLEMENT 1, isolation & purification/ COMPLEMENT 1, metabolism/ *COMPLEMENT, isolation & purification/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESTERASES, metabolism/ HEMOLYSIS/ HUMAN/ IGG/ IMMUNOELECTROPHORESIS/ IN VITRO/ MOLECULAR WEIGHT/ TRYPSIN INHIBITORS

9116. **Taylor RS, Weeds AG:** Transient-phase of ATP hydrolysis by myosin sub-fragment-1 isoenzymes. FEBS Lett 75(1):55–60, 15 Mar 77
*ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE/ ANIMAL/ CHYMOTRYPSIN/ *ISOENZYMES, metabolism/ KINETICS/ MACROMOLECULAR SYSTEMS/ MUSCLES, enzymology/ *MYOSIN, metabolism/ PEPTIDE FRAGMENTS, metabolism/ RABBITS/ SPECTROMETRY, FLUORESCENCE/ TIME FACTORS

9117. **Taylor SR, Cook RT:** Heparin causes a redistribution of chromosomal proteins. FEBS Lett 78(2):321–5, 15 Jun 77
ANIMAL/ *CHROMATIN, isolation & purification/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *HEPARIN, pharmacodynamics/ *LIVER, analysis/ RATS/ SODIUM DODECYL SULFATE/ ULTRACENTRIFUGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9118. **Taylor WJ, Easley CW:** Multiple hemoglobin alpha-chains in the sika deer (Cervus nippon). Biochim Biophys Acta 492(1):126–35, 27 May 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHYMOTRYPSIN/ *DEER, blood/ *HEMOGLOBINS/ PEPTIDE

FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9119. **Taylor WL, Dixon JE:** The inhibition of thyrotropin-releasing hormone deamidation in porcine hypothalamic tissues. Biochim Biophys Acta 444(2):428-34, 24 Sep 76
ANIMAL/ BRAIN, metabolism/ *HYPOTHALAMUS, metabolism/ OLIGOPEPTIDES, metabolism/ RATS/ SULFHYDRYL REAGENTS, pharmacodynamics/ SWINE/ *THYROTROPIN RELEASING HORMONE, metabolism/ TRYPSIN INHIBITORS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9120. **Tchórzewski H, Denys A, Zytkiewicz B:** Sport training and some activities of human polymorphonuclear leukocyte lysosomes. Zentralbl Bakteriol [Orig B] 162(3-4):402-7, Jul 76
ACID PHOSPHATASE, blood/ ADOLESCENCE/ BLOOD BACTERICIDAL ACTIVITY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLASES, blood/ LEUKOCYTE COUNT/ LYMPHOCYTE TRANSFORMATION/ LYSOSOMES, enzymology/ *LYSOSOMES, physiology/ MALE/ NEUTROPHILS, enzymology/ *NEUTROPHILS, physiology/ PEPTIDE HYDROLASES, blood/ *SPORT MEDICINE/ STAPHYLOCOCCUS AUREUS, drug effects

9121. **Tedeschi GG, Amici D, Sprovieri G, et al:** Staphylococcus epidermidis in the circulating blood of normal and thrombocytopenic human subjects: immunological data. Experientia 32(12):1600-2, 15 Dec 76
*BLOOD, microbiology/ CROSS REACTIONS/ HUMAN/ IMMUNOLOGIC TECHNICS/ *STAPHYLOCOCCAL INFECTIONS, etiology/ STAPHYLOCOCCUS AUREUS, immunology/ STAPHYLOCOCCUS, isolation & purification/ *THROMBOPENIA, complications

9122. **Tedeschi GG, Santarelli I:** Electron microscopical evidence of the presence of unstable L forms of Staphylococcus epidermidis in human platelets. pp. 341-4.
In: Roux J, ed. Spheroplasts, protoplasts, and L-forms of bacteria. Paris, INSERM, 1977. QW 51 S753 1976.
*BLOOD PLATELETS, microbiology/ BLOOD PLATELETS, ultrastructure/ HUMAN/ *L FORMS, isolation & purification/ L FORMS, ultrastructure/ MONOGRAPH/ *STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, ultrastructure

9123. **Teele RL:** Ultrasonography of the genitourinary tract in children. Radiol Clin North Am 15(1):109-28, Apr 77
ADENOCARCINOMA, diagnosis/ BLADDER DISEASES, diagnosis/ CALCINOSIS, diagnosis/ GYNECOLOGIC DISEASES, diagnosis/ HEMOLYTIC-UREMIC SYNDROME, diagnosis/ HUMAN/ HYDROCELE, diagnosis/ HYDRONEPHROSIS, diagnosis/ KIDNEY NEOPLASMS, diagnosis/ KIDNEY PELVIS/ KIDNEY, abnormalities/ KIDNEY, transplantation/ KIDNEY, POLYCYSTIC, diagnosis/ NEPHROBLASTOMA, diagnosis/ OVARIAN NEOPLASMS, diagnosis/ PYELONEPHRITIS, diagnosis/ RENAL VEINS/ RHABDOMYOSARCOMA, diagnosis/ THROMBOSIS, diagnosis/ *ULTRASONICS, diagnostic use/ URETERAL CALCULI, diagnosis/ URETERAL OBSTRUCTION, diagnosis/ URINARY TRACT INFECTIONS, diagnosis/ *UROLOGIC DISEASES, diagnosis/ UTERINE DISEASES, diagnosis

9124. **Tefft M:** Radiation related toxicities in National Wilms' Tumor Study Number 1.
Int J Radiat Oncol Biol Phys 2(5-6):455-63, May-Jun 77
ADRIAMYCIN, adverse effects/ ADRIAMYCIN, therapeutic use/ CHILD, PRESCHOOL/ CLINICAL RESEARCH/ DACTINOMYCIN, adverse effects/ DACTINOMYCIN, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFECTION, etiology/ *KIDNEY DISEASES, etiology/ KIDNEY NEOPLASMS, drug therapy/ *KIDNEY NEOPLASMS, radiotherapy/ *LIVER DISEASES, etiology/ *LUNG DISEASES, etiology/ MALE/ NEPHROBLASTOMA, drug therapy/ *NEPHROBLASTOMA, radiotherapy/ *RADIATION INJURIES, etiology/ RADIOTHERAPY DOSAGE/ THROMBOPENIA, etiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VINCRISTINE, therapeutic use

9125. **Tegner H, Ohlsson K:** Localization of a low molecular weight protease inhibitor to tracheal and mixillary sinus mucosa. Hoppe Seylers Z Physiol Chem 358(3):425-9, Apr 77
BRONCHI, enzymology/ GOATS/ HUMAN/ IMMUNE SERUMS/ IMMUNOENZYME TECHNICS/ *MAXILLARY SINUS, enzymology/ MOLECULAR WEIGHT/ MUCOUS MEMBRANE, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RABBITS/ *TRACHEA, enzymology

9126. **Tegner H, Ohlsson K, Olsson I:** The interactions between a low molecular weight protease inhibitor of bronchial mucus and chymotrypsin-like cationic proteins of granulocytes. Hoppe Seylers Z Physiol Chem 358(3):431-3, Apr 77
*BRONCHI, enzymology/ *CHYMOTRYPSIN, blood/ *GRANULOCYTES, enzymology/ HUMAN/ *LEUKOCYTES, enzymology/ MOLECULAR WEIGHT/ MUCOUS MEMBRANE, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ TRYPSIN INHIBITORS, metabolism

9127. **Tegtmeier RE, Gooding RA:** The use of a fascial flap in ear reconstruction. Plast Reconstr Surg 60(3):406-11, Sep 77
ADULT/ CHILD, PRESCHOOL/ EAR, EXTERNAL, abnormalities/ *EAR, EXTERNAL, surgery/ *FASCIA, transplantation/ FEMALE/ FOLLOW-UP STUDIES/ GRAFT REJECTION/ HEMATOMA, complications/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS/ PROSTHESIS/ SCALP, surgery/ SILICONE ELASTOMERS/ SKIN, transplantation/ *SURGERY, PLASTIC, methods

9128. **Tegtmeyer CJ, Smith TH, Shaw A, et al:** Renal infarction: a complication of gelfoam embolization of a hemangioendothelioma of the liver. Am J Roentgenol 128(2):305-7, Feb 77
CASE REPORT/ *EMBOLIZATION, THERAPEUTIC, adverse effects/ FEMALE/ *GELFOAM, adverse effects/ *HEMANGIOENDOTHELIOMA, therapy/ HUMAN/ INFANT, NEWBORN/ *INFARCTION, etiology/ *KIDNEY, blood supply/ *LIVER NEOPLASMS, therapy

9129. **Tegtmeyer CJ:** Roentgenographic assessment of causes of cardiac pacemaker failure and complications.
CRC Crit Rev Diagn Imaging 9(1):1-50, Apr 77 (180 ref.)
ADHESIONS, etiology/ BRONCHIAL FISTULA, etiology/ BRONCHIAL FISTULA, radiography/ EMBOLISM, AIR, etiology/ FISTULA, etiology/ FISTULA, radiography/ FOREIGN BODY REACTION/ HEART BLOCK, therapy/ HEART INJURIES, etiology/ HEART INJURIES, radiography/ HUMAN/ INFECTION, etiology/ *PACEMAKER, ARTIFICIAL/ PACEMAKER, ARTIFICIAL, adverse effects/ PACEMAKER, ARTIFICIAL, instrumentation/ PULMONARY EMBOLISM, etiology/ REVIEW/ SKIN DISEASES, etiology/ SKIN DISEASES, radiography/ SUBCLAVIAN VEIN, radiography/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, etiology/ THROMBOSIS, radiography

9130. **Teien AN, Abildgaard U:** On the value of the activated partial thrombo-plastin time (aptt) in monitoring heparin therapy.
Thromb Haemostas 35(3):592-7, 30 Jun 76
*BLOOD COAGULATION TESTS/ HEMOSTASIS/ HEPARIN, blood/ *HEPARIN, therapeutic use/ HUMAN/ THROMBOPLASTIN/ TIME FACTORS

9131. **Teien AN, Lie M:** Evaluation of an amidolytic heparin assay method: increased sensitivity by adding purified antithrombin III. Thromb Res 10(3):399-410, Mar 77
*ANTITHROMBINS, administration & dosage/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PRESERVATION/ HEPARIN

ANTAGONISTS, blood/ *HEPARIN, blood/ HUMAN/ METHODS/ TEMPERATURE/ TIME FACTORS

9132. **Teige J:** The generalized Shwartzman reaction induced by a single injection of endotoxin in pigs fed 2 vitamin E deficient commercial diet. Acta Vet Scand 18(1):140–2, 1977
*ENDOTOXINS, administration & dosage/ ESCHERICHIA COLI/ INJECTIONS, INTRAVENOUS/ *SHWARTZMAN PHENOMENON, veterinary/ *SWINE/ *VITAMIN E DEFICIENCY, veterinary

9133. **Teitelbaum S:** Radiologic evaluation of the hemophilic hip. Mt Sinai J Med NY 44(3):400–1, May–Jun 77
ADULT/ EVALUATION STUDIES/ *HEMARTHROSIS, radiography/ *HEMOPHILIA, radiography/ HIP JOINT, pathology/ *HIP JOINT, radiography/ HUMAN

9134. **Tekavčič E, Skrk J, Suhar A, et al:** Proteolytic activity in liver cells from mouse, rat, Ehrlich ascites carcinoma bearing mouse and in Ehrlich ascites carcinoma cells. Neoplasma 23(5):515–22, 1976
ANIMAL/ *CARCINOMA, EHRLICH TUMOR, enzymology/ CELL-FREE SYSTEM/ COMPARATIVE STUDY/ HYDROGEN-ION CONCENTRATION/ LIVER, cytology/ *LIVER, enzymology/ LYSOSOMES, enzymology/ MICE/ MITOCHONDRIA, LIVER, enzymology/ NEOPLASMS, EXPERIMENTAL, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RATS/ SUBCELLULAR FRACTIONS, enzymology

9135. **Telischi M, Hoiberg R, Rao KR, et al:** The use of frozen, thawed erythrocytes in blood banking: a report of 28 months' experience in a large transfusion service. Am J Clin Pathol 68(2):250–7, Aug 77
*BLOOD BANKS/ *BLOOD PRESERVATION, methods/ BLOOD SPECIMEN COLLECTION/ BLOOD TRANSFUSION, adverse effects/ *ERYTHROCYTES/ ERYTHROCYTES, transplantation/ *FREEZING/ HEMOGLOBINURIA/ HEPATITIS, etiology/ HUMAN/ QUALITY CONTROL

9136. **Tellam R, Winzor DJ:** Self-association of alpha-chymotrypsin at low ionic strength in the vicinity of its pH optimum. Biochem J 161(3):687–94, 1 Mar 77
CHROMATOGRAPHY, GEL/ *CHYMOTRYPSIN/ HYDROGEN-ION CONCENTRATION/ MACROMOLECULAR SYSTEMS/ MODELS, CHEMICAL/ OSMOLAR CONCENTRATION/ ULTRACENTRIFUGATION

9137. **Tellez-Yudilevich M, Tyhurst M, Howell SL, et al:** Secretory capacity and ultrastructure of rat pancreatic islets after preservation of pancreas in different conditions. Transplantation 23(3):217–21, Mar 77
ANIMAL/ BICARBONATES, pharmacodynamics/ BUFFERS/ COMPARATIVE STUDY/ FEMALE/ HEAT/ HEPES, pharmacodynamics/ IN VITRO/ INSULIN, secretion/ *ISLANDS OF LANGERHANS/ ISLANDS OF LANGERHANS, drug effects/ ISLANDS OF LANGERHANS, secretion/ ISLANDS OF LANGERHANS, ultrastructure/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MICROSCOPY, ELECTRON/ *ORGAN PRESERVATION, methods/ OXYGEN, pharmacodynamics/ *PANCREAS/ RATS/ *TISSUE PRESERVATION, methods

9138. **Temler RS, Felber JP:** Radioimmunoassay of human plasma trypsin. Biochim Biophys Acta 445(3):720–8, 11 Oct 76
AMYLASE, blood/ CROSS REACTIONS/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ NORMAL VALUES/ PANCREATITIS, enzymology/ RADIOIMMUNOASSAY, methods/ *TRYPSIN, blood

9139. **Temler RS, Kägi JH:** Isolation of human trypsin by affinity chromatography. Enzyme 22(4):249–55, 1977
AMINO ACIDS, analysis/ CHROMATOGRAPHY, AFFINITY, methods/ HUMAN/ RADIOIMMUNOASSAY/ TRYPSIN INHIBITORS/ *TRYPSIN, isolation & purification/ TRYPSIN, metabolism

9140. **Tempero KF, Cirillo VJ, Steelman SL:** Diflunisal: a review of pharmacokinetic and pharmacodynamic properties, drug interactions, and special tolerability studies in humans. Br J Clin Pharmacol 4 Suppl 1:31S–36S, Feb 77 (23 ref.)
ANALGESICS, ANTI-INFLAMMATORY, adverse effects/ ANALGESICS, ANTI-INFLAMMATORY, metabolism/ *ANALGESICS, ANTI-INFLAMMATORY, pharmacodynamics/ ANTICOAGULANTS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ BLOOD SUGAR, metabolism/ DIURETICS, THIAZIDE, pharmacodynamics/ DRUG INTERACTIONS/ FLUOROBENZENES, adverse effects/ FLUOROBENZENES, metabolism/ FLUOROBENZENES, pharmacodynamics/ HEARING DISORDERS, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ HYPOGLYCEMIC AGENTS, pharmacodynamics/ KINETICS/ MALE/ PROSTAGLANDINS, urine/ REVIEW/ SALICYLIC ACIDS, adverse effects/ SALICYLIC ACIDS, metabolism/ *SALICYLIC ACIDS, pharmacodynamics/ TIME FACTORS/ URIC ACID, urine

9141. **Teplitz C:** The core pathobiology and integrated medical science of adult acute respiratory insufficiency. Surg Clin North Am 56(5):1091–1133, Oct 76 (81 ref.)
AIRWAY RESISTANCE/ ANIMAL/ ATELECTASIS, physiopathology/ BURNS, physiopathology/ BURNS, INHALATION, physiopathology/ CAPILLARIES, physiopathology/ CAPILLARY PERMEABILITY/ HUMAN/ HYALIN SUBSTANCE, secretion/ LUNG, physiopathology/ PULMONARY ALVEOLAR PROTEINOSIS, physiopathology/ PULMONARY ALVEOLI, ultrastructure/ PULMONARY CIRCULATION/ PULMONARY EDEMA, physiopathology/ PULMONARY EMBOLISM, physiopathology/ PULMONARY FIBROSIS, physiopathology/ *RESPIRATORY DISTRESS SYNDROME, ADULT, physiopathology/ REVIEW/ SHOCK, SURGICAL, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ WOUNDS AND INJURIES, physiopathology

9142. **Terai M, Furihata C, Matsushima T, et al:** Partial purification of adenosine 3',5'-cyclic monophosphate phosphodiesterases from rat pancreas in the presence of excess protease inhibitors. Arch Biochem Biophys 176(2):621–9, Oct 76
ANIMAL/ CAFFEINE, pharmacodynamics/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE/ INOSINE CYCLIC 3',5' MONOPHOSPHATE/ *ISOENZYMES, isolation & purification/ ISOENZYMES, metabolism/ KINETICS/ MALE/ *PANCREAS, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PHOSPHODIESTERASES, isolation & purification/ RATS/ RO 20-1724, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics/ *3',5'-CYCLIC AMP PHOSPHODIESTERASE, isolation & purification/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, metabolism

9143. **Terakawa S, Watanabe A:** Effects of intracellular pH on plateau formation following the action potential of squid giant axons. Jpn J Physiol 26(6):693–701, 1976
*ACTION POTENTIALS, drug effects/ ANIMAL/ *AXONS, physiology/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ PEPTIDE HYDROLASES, pharmacodynamics/ POTASSIUM, pharmacodynamics/ PRONASE, pharmacodynamics/ SQUID

9144. **Terekhov NT, Demidiuk PF, Ganul IuL, et al:** Planovye operativnye vmeshatel'stva u bol'nykh gemofiliei Klin Khir (4):54–8, Apr 77 (Eng. Abstr.) **(Rus)**
ADULT/ CASE REPORT/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HEMATOMA, surgery/ *HEMOPHILIA, complications/ HUMAN/ MALE/ NEOPLASMS, surgery/ STOMACH DISEASES, surgery/ *SURGERY, OPERATIVE

9145. **Terekhov NT, Demidiuk PF:** Nekotorye voprosy khirurgicheskikh vmeshatel'stv u bol'nykh gemofiliei. Probl Gematol Pereliv Krovi 22(6):3–6, Jun 77 (Eng.

Abstr.) **(Rus)**
APPENDECTOMY/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ GASTRECTOMY/ *HEMOPHILIA, complications/ HIP, surgery/ HUMAN/ LAPAROTOMY/ MALE/ RISK/ *SURGERY, OPERATIVE

9146. **Terekhov NT, Poluboiarinova AG, Kushko OV, et al:** Funktsional'noe sostoianie eritrotsitov, zamorozhennykh s polivinilpirrolidonom, i ikh klinischeskoe primenenie. Probl Gematol Pereliv Krovi (2):16–9, Feb 77 (Eng. Abstr.) **(Rus)**
*BLOOD PRESERVATION, methods/ *BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ *ERYTHROCYTES, physiology/ FREEZING/ HUMAN/ *POLYVINYLPYRROLIDONE

9147. **Ternouth JH, Roy JH, Shotton SM:** Concurrent studies of the flow of digesta in the duodenum and of exocrine pancreatic secretion of calves. 4. The effect of age. Br J Nutr 36(3):523–35, Nov 76
AGING/ AMYLASE, metabolism/ ANIMAL/ BODY WEIGHT/ CATTLE/ CHLORIDES, metabolism/ DIET/ *DUODENUM, metabolism/ HYDROGEN-ION CONCENTRATION/ LIPASE, metabolism/ MILK, metabolism/ NITROGEN, metabolism/ NUCLEOTIDYLTRANSFERASES, metabolism/ *PANCREATIC JUICE, metabolism/ PEPTIDE HYDROLASES, metabolism/ POTASSIUM, metabolism/ SODIUM, metabolism

9148. **Ternovoĭ KS, Butylin IuP, Rozhnov IuV:** Koaguliatsiia arterial'noĭ i venoznoĭ krovi pri ostrom infarkte miokarda Kardiologiia 16(10):119–23, Oct 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ AGED/ ARTERIES/ *BLOOD COAGULATION/ COMPARATIVE STUDY/ CORONARY DISEASE, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, physiopathology/ TIME FACTORS/ VEINS

9149. **Terokhov NT, Demidiuk PF, Stakovetskaia ZS, et al:** Organizatsionnye osnovy lecheniia bol'nykh gemofilieĭ Vrach Delo (3):91–5, Mar 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ CHILD/ ENGLISH ABSTRACT/ *HEMOPHILIA, therapy/ HUMAN

9150. **Terragno NA, Malik KU, Nasjletti A, et al:** Renal prostaglandins. Adv Prostaglandin Thromboxane Res 2:561–71, 1976 (40 ref.)
ANIMAL/ BRADYKININ, physiology/ ELEDOISIN, pharmacodynamics/ HYPERTENSION, physiopathology/ INDOMETHACIN, pharmacodynamics/ KALLIKREIN, physiology/ KIDNEY, blood supply/ *KIDNEY, physiology/ KININS, physiology/ MODELS, BIOLOGICAL/ NOREPINEPHRINE, physiology/ PROSTAGLANDIN SYNTHASE, metabolism/ PROSTAGLANDINS, biosynthesis/ *PROSTAGLANDINS, physiology/ REGIONAL BLOOD FLOW, drug effects/ REVIEW/ SODIUM, metabolism/ SPECIES SPECIFICITY/ VASOMOTOR SYSTEM

9151. **Terragno NA, Terragno A:** Role of naturally occurring vasoactive principles in hypertension. State of the art. Mayo Clin Proc 52(7):449–58, Jul 77 (101 ref.)
ANIMAL/ BLOOD VESSELS, metabolism/ DOGS/ FEMALE/ HUMAN/ HYPERTENSION, metabolism/ *HYPERTENSION, physiopathology/ INDOMETHACIN/ KALLIKREIN, metabolism/ KIDNEY MEDULLA, metabolism/ KIDNEY, blood supply/ KIDNEY, metabolism/ KININS, metabolism/ PHOSPHOLIPIDS, metabolism/ PHOSPHOLIPIDS, pharmacodynamics/ PREGNANCY/ PROSTAGLANDINS, metabolism/ RABBITS/ RATS/ REGIONAL BLOOD FLOW, drug effects/ RENIN, antagonists & inhibitors/ REVIEW/ STRESS, physiopathology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UTERUS, metabolism/ VASOCONSTRICTOR AGENTS, metabolism/ VASODILATOR AGENTS, metabolism

9152. **Terrasse J, Moinade S, Champeyroux J, et al:** Relation entre produits de dégradation de la fibrine et protéinurie urinaire chez les diabétiques Nouv Presse Med 6(13):1146, 2 Apr 77 **(Fre)**
DIABETIC ANGIOPATHIES, blood/ *DIABETIC ANGIOPATHIES, urine/ *FIBRINOLYSIS/ GLOMERULONEPHRITIS, urine/ HUMAN/ KIDNEY, blood supply/ *PROTEINURIA, etiology

9153. **Terry EN, Rouen LR, Clasuss RH, et al:** Attempts to delay progression in occlusive atherosclerosis. Ann NY Acad Sci 275:379–85, 1976
*ARTERIOSCLEROSIS, drug therapy/ *ATHEROSCLEROSIS, drug therapy/ BLOOD PLATELETS, drug effects/ *CARBAMATES, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PYRIDINOLCARBAMATE, adverse effects/ PYRIDINOLCARBAMATE, pharmacodynamics/ *PYRIDINOLCARBAMATE, therapeutic use

9154. **Tershak DR:** Effect of hypertonic medium on protein synthesis of Mahoney and LSc poliovirus. J Virol 20(3):597–603, Dec 76
EDTA, pharmacodynamics/ HELA CELLS/ NEOPLASM PROTEINS, analysis/ NEOPLASM PROTEINS, biosynthesis/ *POLIOVIRUS, metabolism/ *SALINE SOLUTION, HYPERTONIC, pharmacodynamics/ *SODIUM CHLORIDE, pharmacodynamics/ TRYPSIN, pharmacodynamics/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, biosynthesis

9155. **Tewfik H, Latourette H, Christie JH, et al:** Infantile hepatic hemangioendothelioma: a surviving case. Radiology 123(3):723–4, Jun 77
CASE REPORT/ FEMALE/ HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOENDOTHELIOMA, radiotherapy/ *HEMANGIOENDOTHELIOMA, therapy/ HUMAN/ INFANT, NEWBORN/ LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, radiotherapy/ *LIVER NEOPLASMS, therapy/ RADIONUCLIDE IMAGING

9156. **Tewksbury DA, Premeau MR:** The effect of proteolytic activity on plasma renin activity assay. Clin Chim Acta 73(1):67–70, 15 Nov 76
ANGIOTENSIN/ CARRIER PROTEINS/ FALSE POSITIVE REACTIONS/ HEAT/ HUMAN/ ISOFLUROPHATE, pharmacodynamics/ KINETICS/ MURAMIDASE, metabolism/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, metabolism/ RADIOIMMUNOASSAY, methods/ *RENIN, blood

9157. **Thaggard A, Handel S, Leavens ME, et al:** Changing venous pattern in a hemangioblastoma resembling an arteriovenous malformation. J Neurosurg 46(3):394–7, Mar 77
ADULT/ ANGIOSARCOMA, pathology/ *ANGIOSARCOMA, radiography/ ARTERIOVENOUS MALFORMATIONS, etiology/ *ARTERIOVENOUS MALFORMATIONS, radiography/ CASE REPORT/ CEREBELLAR NEOPLASMS, pathology/ *CEREBELLAR NEOPLASMS, radiography/ CEREBRAL ANGIOGRAPHY/ FEMALE/ HUMAN/ *THROMBOPHLEBITIS, etiology

9158. **Thakur ML, Welch MJ, Joist JH, et al:** Indium-LLL labeled platelets: studies on preparation and evaluation of in vitro and in vivo functions. Thromb Res 9(4):345–57, Oct 76
ANIMAL/ *BLOOD PLATELETS/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, transplantation/ BLOOD PLATELETS, ultrastructure/ BLOOD TRANSFUSION, AUTOLOGOUS/ CAROTID ARTERIES, injuries/ CELL SEPARATION/ CELL SURVIVAL/ CHROMIUM RADIOISOTOPES, diagnostic use/ COMPARATIVE STUDY/ DOGS/ FEMORAL ARTERY, injuries/ FEMORAL VEIN/ HUMAN/ IN VITRO/ *INDIUM, diagnostic use/ *ISOTOPE LABELING, methods/ JUGULAR VEIN, surgery/ PLATELET AGGREGATION/ *RADIOISOTOPES, diagnostic use/ THROMBOSIS, diagnosis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ 8-HYDROXYQUINOLINE, diagnostic use

9159. **Thaler E, Lechner K, Ludwig E, et al:** Neue Gesichtspunkte in der Therapie der Hämophilie. Acta Med Austriaca® [Suppl] (3):218, 1976 **(Ger)**

FACTOR IX/ FACTOR VIII/ HALF-LIFE/ HEMARTHROSIS, prevention & control/ *HEMOPHILIA, therapy/ HUMAN/ PLASMAPHERESIS/ SYNOVIAL MEMBRANE, surgery

9160. **Thatcher DR, Pechère JF:** The amino-acid sequence of the major parvalbumin from thornback-ray muscle. Eur J Biochem 75(1):121–32, 2 May 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHYMOTRYPSIN/ COMPARATIVE STUDY/ EVOLUTION/ FISHES/ FROGS/ METHODS/ *MUSCLE PROTEINS/ *MUSCLES, analysis/ *PARVALBUMINS/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ TRYPSIN

9161. **Thatcher DR:** Enzyme instability and proteolysis during the purification of an alcohol dehydrogenase from Drosophila melanogaster. Biochem J 163(2):317–23, 1 May 77
*ALCOHOL OXIDOREDUCTASES, isolation & purification/ AMINO ACIDS, analysis/ *DROSOPHILA MELANOGASTER, enzymology/ HEAT/ METHODS/ PEPTIDE HYDROLASES/ PROTEIN DENATURATION/ SPECTROPHOTOMETRY, ULTRAVIOLET

9162. **Theis W, Kriessmann A, Lutilsky L, et al:** Urokinase bei tiefer Venenthrombose Dtsch Med Wochenschr 102(6):212, 11 Feb 77 **(Ger)**
*ARM, blood supply/ FEMORAL VEIN/ HUMAN/ ILIAC VEIN/ *LEG, blood supply/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ POPLITEAL VEIN/ SUBCLAVIAN VEIN/ *THROMBOPHLEBITIS, drug therapy/ TIME FACTORS/ *UROKINASE, therapeutic use

9163. **Theiss W, Wirtzfeld A:** Pulmonary embolisation of retained transvenous pacemaker electrode. Br Heart J 39(3):326–9, Mar 77
ADULT/ CASE REPORT/ *ELECTRODES, IMPLANTED, adverse effects/ HUMAN/ MALE/ *PACEMAKER, ARTIFICIAL, adverse effects/ *PULMONARY EMBOLISM, etiology

9164. **Theman TE, Stoik GL, Rocha AG, et al:** Aortocoronary bypass made possible by coronary endarterectomy. Can J Surg 19(5):429–31, Sep 76
*AORTOCORONARY BYPASS, methods/ ARTERIAL OCCLUSIVE DISEASES, surgery/ ARTERIES, surgery/ CORONARY DISEASE, mortality/ CORONARY DISEASE, surgery/ CORONARY VESSELS, radiography/ *CORONARY VESSELS, surgery/ *ENDARTERECTOMY/ HEART CATHETERIZATION/ HUMAN/ MYOCARDIAL INFARCT, mortality/ POSTOPERATIVE COMPLICATIONS, mortality/ POSTOPERATIVE COMPLICATIONS, radiography/ PULMONARY EMBOLISM, mortality/ RECURRENCE/ SAPHENOUS VEIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS

9165. **Theorell H, Blombäck M, Kockum C:** Demonstration of reactivity to airborne and food allergens in cutaneous vasculitis by variations in fibrinopeptide A and other blood coagulation, fibrinolysis and complement parameters. Thromb Haemostas 36(3):593–604, 31 Dec 76
ADULT/ ALLERGENS/ *BLOOD COAGULATION/ CASE REPORT/ *COMPLEMENT 3, analysis/ COMPLEMENT 4, analysis/ *COMPLEMENT, analysis/ FEMALE/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRINOGEN, analysis/ *FIBRINOLYSIS/ *FIBRINOPEPTIDES A, analysis/ HUMAN/ *HYPERSENSITIVITY, blood/ MALE/ MIDDLE AGE/ SKIN, blood supply/ VASCULAR DISEASES, blood/ *VASCULAR DISEASES, immunology

9166. **Theros EG, Feigin DS:** Pleural tumors and pulmonary tumors: differential diagnosis. Semin Roentgenol 12(3):239–47, Jul 77
CARCINOMA, BRONCHOGENIC, radiography/ DIAGNOSIS, DIFFERENTIAL/ FIBRIN/ HUMAN/ *LUNG NEOPLASMS, radiography/ LYMPHOMA, radiography/ MESOTHELIOMA, pathology/ *MESOTHELIOMA, radiography/ NEOPLASM METASTASIS/ PLEURAL DISEASES, radiography/ PLEURAL NEOPLASMS, pathology/ *PLEURAL NEOPLASMS, radiography

9167. **Thiel G, Koelz A, Brunner FP:** Was ist gesichert in der Therapie des nephrotischen Syndroms im Erwachsenenalter Internist (Berlin) 17(12):612–21, Dec 76 **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AMYLOIDOSIS, complications/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ANTIGENS/ CHILD/ CHILD, PRESCHOOL/ DIABETES MELLITUS, complications/ GLOMERULONEPHRITIS, complications/ HEART DISEASES, complications/ HUMAN/ INFANT/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MIDDLE AGE/ *NEPHROTIC SYNDROME, drug therapy/ NEPHROTIC SYNDROME, etiology/ PURPURA, SCHOENLEIN-HENOCH, complications/ RENAL VEINS/ STEROIDS, therapeutic use/ THROMBOSIS, complications

9168. **Thiele J, Ballard AC, Georgii A:** Freeze-fracture of the normal and pathological megakaryocyte lineage in chronic megakaryocytic-granulocytic myelosis. Virchows Archiv [Cell Pathol] 23(1):33–51, 20 Jan 77
BLOOD PLATELETS, ultrastructure/ CELL MEMBRANE, ultrastructure/ FREEZE FRACTURING/ HEMATOPOIESIS/ *HEMORRHAGIC THROMBOCYTHEMIA, pathology/ HUMAN/ *MEGAKARYOCYTES, ultrastructure/ MEMBRANES, ultrastructure/ MICROSCOPY, ELECTRON

9169. **Thiele J, Ballard AC, Georgii A, et al:** Chronic megakaryocytic-granulocytic myelosis--an electron microscopic study. I. Megakaryocytes and thrombocytes. Virchows Arch [Pathol Anat] 373(3):191–211, 6 Apr 77
*BLOOD PLATELETS, ultrastructure/ CELL DIFFERENTIATION/ FEMALE/ FIBROBLASTS/ HEMATOPOIETIC STEM CELLS/ HUMAN/ MALE/ *MEGAKARYOCYTES, ultrastructure/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ MYELOFIBROSIS/ *MYELOPROLIFERATIVE DISORDERS, pathology

9170. **Thierry C, Turc JM, Valles H, et al:** Routine technique of lymphocyte cryopreservation evaluated by in vitro tests of immune response. Eur J Cancer 13(4-5):367–71, Apr-May 77
*BLOOD PRESERVATION, methods/ CELL SURVIVAL/ FREEZING/ HUMAN/ LYMPHOCYTE TRANSFORMATION, drug effects/ *LYMPHOCYTES/ LYMPHOCYTES, immunology/ MITOGENS, pharmacodynamics

9171. **Thies HA, Gins R, Kuder E:** Subkutane Heparine Med Welt 27(46):2240–1, 12 Nov 76 **(Ger)**
*HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control

9172. **Thiry PS, Roberge FA:** Analogues et modèles de l'écoulement artériel systémique Rev Can Biol 35(4):217–38, Dec 76 (Eng. Abstr.) **(Fre)**
ANIMAL/ *ARTERIES, physiology/ *BLOOD CIRCULATION/ BLOOD PRESSURE/ BLOOD VISCOSITY/ DOGS/ ELASTICITY/ ENGLISH ABSTRACT/ HUMAN/ ILIAC ARTERY/ LEG, blood supply/ MATHEMATICS/ MODELS, BIOLOGICAL

9173. **Tholen W, Funke HD, Savic B, et al:** Operative Eingriffe bei Patienten mit Herzschrittmachern. Zentralbl Chir 102(9):553–7, 1977 (Eng. Abstr.) **(Ger)**
ABDOMEN, surgery/ BREAST, surgery/ CHOLECYSTECTOMY/ ELECTROSURGERY/ ENGLISH ABSTRACT/ EYE DISEASES, surgery/ FACIAL NEOPLASMS, surgery/ HUMAN/ *PACEMAKER, ARTIFICIAL/ POWER SOURCES/ *SURGERY, OPERATIVE/ THROMBOEMBOLISM, surgery/ TIME FACTORS/ UROLOGIC DISEASES, surgery

9174. **Thoma K, Pfaff G:** Einfluss der Lösungsvermittlung mit Polyäthylenglykol-Glycerinfettsäureestern auf die Photostabilität von Menadion. 5. Über die Anwendung von Lösungsvermittlern als Hilfsstoffe bei der Herstellung

von Arzneimitteln Pharmazie 31(7):477-80, Jul 76 **(Ger)**
DRUG COMPOUNDING/ DRUG STABILITY/ *LIGHT/ *PHARMACEUTIC AIDS/ POLAROGRAPHY/ *POLYETHYLENE GLYCOLS/ SOLUBILITY/ *VITAMIN K

9175. **Thoma K, Pfaff G:** Beziehungen zwischen der mizellaren Bindung und der Photoinstabilität von solubilisiertem Menadion Pharmazie 31(9):628-9, 1976 **(Ger)**
CHEMISTRY, PHARMACEUTICAL/ DRUG STABILITY/ MICELLES/ PHOTOCHEMISTRY/ SOLUBILITY/ TIME FACTORS/ *VITAMIN K/ VITAMIN K, analysis

9176. **Thomas AW, Gooding RH:** Digestive processes of hematophagous insects. VIII. Estimation of meal size and demonstration of trypsin in horse flies and deer flies (Diptera: Tabanidae). J Med Entomol 13(2):131-6, 10 Sep 76
ANIMAL/ *BLOOD/ *DIPTERA, enzymology/ FEEDING BEHAVIOR/ FEMALE/ HUMAN/ *TRYPSIN, metabolism

9177. **Thomas AW, Rolseth BM, Gooding RH:** Digestive processes of hematophagous insects. IX. Some properties of two trypsins from female horse flies and deer flies (Diptera: Tabanidae). J Med Entomol 13(3):341-6, 8 Dec 76
ANIMAL/ BLOOD/ DIGESTION/ *DIPTERA, enzymology/ FEMALE/ HUMAN/ RABBITS/ *TRYPSIN, metabolism

9178. **Thomas CS, Alford WC, Burrus GR, et al:** Results of reoperation for failed aortocoronary bypass grafts. Arch Surg 111(11):1210-3, Nov 76
*AORTOCORONARY BYPASS/ ARM, blood supply/ ARTERIES, surgery/ FOLLOW-UP STUDIES/ HUMAN/ INTERNAL MAMMARY-CORONARY ARTERY ANASTOMOSIS/ METHODS/ *POSTOPERATIVE COMPLICATIONS, surgery/ RECURRENCE/ SAPHENOUS VEIN, transplantation/ *THROMBOSIS, etiology/ TRANSPLANTATION, AUTOLOGOUS

9179. **Thomas DJ, du Boulay GH, Marshall J, et al:** Cerebral blood-flow in polycythaemia. Lancet 2(8030):161-3, 23 Jul 77
AGED/ BLOOD VISCOSITY/ CARBON DIOXIDE, blood/ CEREBRAL ISCHEMIA, TRANSIENT, prevention & control/ *CEREBROVASCULAR CIRCULATION/ FEMALE/ HEMATOCRIT/ HUMAN/ MALE/ MIDDLE AGE/ POLYCYTHEMIA VERA, blood/ POLYCYTHEMIA VERA, complications/ *POLYCYTHEMIA VERA, physiopathology/ REGIONAL BLOOD FLOW

9180. **Thomas DP:** Heparin and pulmonary embolism. pp. 189-99.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
HEMORRHAGE, chemically induced/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HISTORICAL ARTICLE/ HUMAN/ MONOGRAPH/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, history/ PULMONARY EMBOLISM, mortality

9181. **Thomas DP, Sagar S, Stamatakis JD, et al:** Plasma heparin levels after administration of calcium and sodium salts of heparin. Thromb Res 9(3):241-8, Sep 76
BIOPHARMACEUTICS/ CALCIUM/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *HEPARIN, administration & dosage/ HEPARIN, blood/ HUMAN/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ SODIUM/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS

9182. **Thomas DP, Lane DA, Michalski R, et al:** A heparin analogue with specific action on antithrombin III. Lancet 1(8003):120-2, 15 Jan 77
ADULT/ *ANTITHROMBINS, physiology/ *BLOOD COAGULATION, drug effects/ CLINICAL RESEARCH/ CLOT RETRACTION/ COMPARATIVE STUDY/ DRUG EVALUATION/ DRUG SYNERGISM/ GLYCOSAMINOGLYCANS, administration & dosage/ *GLYCOSAMINOGLYCANS, pharmacodynamics/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ HUMAN/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ IN VITRO/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ MALE/ MIDDLE AGE/ THROMBOPHLEBITIS, prevention & control

9183. **Thomas DP:** Deep vein thrombosis. Pathogenesis of venous thrombosis. Trans Med Soc Lond 91:33-4, 1975
FIBRIN, physiology/ HEMOSTASIS/ HUMAN/ THROMBIN, physiology/ *THROMBOPHLEBITIS, etiology

9184. **Thomas ED:** Marrow transplantation for acute leukemia. pp. 19-28.
In: Human bone marrow transplantation. Washington, American Assoc. of Blood Banks, 1976. WH 380 S989h 1976.
ABO BLOOD-GROUP SYSTEM/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ *BONE MARROW CELLS, transplantation/ CYCLOPHOSPHAMIDE, therapeutic use/ GRAFT VS HOST REACTION/ GRAFT REJECTION/ GRANULOCYTES/ HISTOCOMPATIBILITY TESTING/ HL-A/ HUMAN/ IMMUNOSUPPRESSION/ *LEUKEMIA, therapy/ LEUKOCYTE CULTURE TEST, MIXED/ METHODS/ MONOGRAPH/ NEUROLOGIC MANIFESTATIONS/ TWINS

9185. **Thomas GK:** Experimental stapedectomy. Ann Otol Rhinol Laryngol 86(4 Pt 2 Suppl 40):1-39, Jul-Aug 77
ANIMAL/ ATROPHY/ BACTERIAL INFECTIONS, pathology/ BLOOD COAGULATION/ CATS/ EAR, MIDDLE, pathology/ EDEMA, pathology/ FENESTRATION/ GELFOAM/ GRANULATION TISSUE, pathology/ HEMOSTASIS, SURGICAL/ LABYRINTH DISEASES, pathology/ MEMBRANES, pathology/ METHODS/ OTITIS MEDIA, pathology/ POSTOPERATIVE COMPLICATIONS, pathology/ *STAPES SURGERY, methods/ STAPES, anatomy & histology/ *WOUND HEALING

9186. **Thomas H, Veser J, Müller-Enoch D:** Eine empfindliche fluorometrische Bestimmungsmethode für die Catechol-Methyltransferase Hoppe Seylers Z Physiol Chem 357(10):1347-51, Dec 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ *CATECHOL METHYLTRANSFERASE, analysis/ CHEMISTRY/ COUMARINS/ ENGLISH ABSTRACT/ HOMOVANILLIC ACID, analysis/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIVER, enzymology/ METHODS/ RATS/ S-ADENOSYLMETHIONINE/ SOLUBILITY/ SPECTROMETRY, FLUORESCENCE

9187. **Thomas J, Steg A, Aboulker P:** Calculs sur caillots sanguins J Urol Nephrol (Paris) 82(6):496-505, Jun 76 **(Fre)**
ADULT/ AGED/ CASE REPORT/ FEMALE/ FOREIGN BODY REACTION/ HEMATURIA, etiology/ HUMAN/ KIDNEY CALCULI, diagnosis/ *KIDNEY CALCULI, etiology/ KIDNEY CALCULI, surgery/ KIDNEY PELVIS, surgery/ MALE/ *POSTOPERATIVE COMPLICATIONS/ RECURRENCE/ *THROMBOSIS, complications/ THROMBOSIS, etiology

9188. **Thomas JA:** Induction élective du carcinome du pancréas exocinr, solide et ascitique, chez la souris, par l'action entretenue d'anticorps antifraction lipoprotéine-lipase brute hétérologue C R Acad Sci [D] (Paris) 284(7):589-93, 14 Feb 77 (Eng. Abstr.) **(Fre)**
ANIMAL/ *ANTIBODIES, pharmacodynamics/ *CELL TRANSFORMATION, NEOPLASTIC/ ENGLISH ABSTRACT/ FEMALE/ *LIPOPROTEIN LIPASE, immunology/ MALE/ MICE/ NEOPLASM METASTASIS/ *PANCREATIC NEOPLASMS, etiology/ PANCREATIC NEOPLASMS, pathology

9189. **Thomas JA:** Effets d'anticorps antifraction lipoprotéine-lipase brute hétérologue, chez la Souris C R Acad Sci [D] (Paris) 284(3):243-7, Jan 77 (Eng.

Abstr.) (Fre)
ADIPOSE TISSUE, immunology/ ADIPOSE TISSUE, pathology/ ANIMAL/ ANTIBODY SPECIFICITY/ *ANTIGEN-ANTIBODY REACTIONS/ BODY WEIGHT/ CARTILAGE, pathology/ DIAPHRAGM, pathology/ ENGLISH ABSTRACT/ FEMALE/ HYPERPLASIA/ *LIPOPROTEIN LIPASE, immunology/ LIVER, immunology/ LIVER, pathology/ *LYMPHOCYTE TRANSFORMATION/ MALE/ METAPLASIA/ MICE/ OVARY, pathology/ PANCREAS, immunology/ PANCREAS, pathology/ RABBITS/ SHEEP, immunology

9190. **Thomas JA:** Sécrétion exocrine du carcinome du pancréas induit par effet immunologique: persistance de la spécificité de la cellule pancréatique carcinomateuse ascitique C R Acad Sci [D] (Paris) 284(11):995–1000, 14 Mar 77 (Eng. Abstr.) (Fre)
ANTIBODIES/ *ASCITES, metabolism/ *CARCINOMA, secretion/ CHYMOTRYPSINOGEN, metabolism/ ENGLISH ABSTRACT/ LIPOPROTEIN LIPASE, immunology/ LYMPH NODES/ LYMPHATIC METASTASIS/ NEOPLASM METASTASIS/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, secretion/ PANCREATIC NEOPLASMS, etiology/ PANCREATIC NEOPLASMS, pathology/ *PANCREATIC NEOPLASMS, secretion/ TRYPSINOGEN, metabolism

9191. **Thomas K, Engers HD, Cerottini JC, et al:** Enzymatic removal of H-2 alloantigens from the surface of P815-(X2) mouse tumor cells. Eur J Immunol 6(4):257–62, Apr 76
ANIMAL/ *ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, NEOPLASM/ CELL MEMBRANE, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ *HISTOCOMPATIBILITY ANTIGENS/ *IMMUNITY, CELLULAR/ MALE/ MICE/ MICE, INBRED STRAINS/ NEOPLASMS, EXPERIMENTAL, immunology/ PAPAIN/ SARCOMA, MAST CELL, immunology/ TIME FACTORS/ TRYPSIN

9192. **Thomas L:** Possible mechanisms in regression. Natl Cancer Inst Monogr 44:137–9, Nov 76
ANIMAL/ BLOOD COAGULATION, drug effects/ ENDOTOXINS, pharmacodynamics/ FEMALE/ HUMAN/ IMMUNITY/ LIMULUS/ NECROSIS/ NEOPLASM CIRCULATING CELLS/ *NEOPLASM REGRESSION, SPONTANEOUS/ NEOPLASMS, immunology/ NEOPLASMS, pathology/ NEOPLASMS, therapy/ TROPHOBLAST, cytology/ TROPHOBLAST, immunology

9193. **Thomas ML, MacDonald LM:** The accuracy of bolus ascending phlebography in demonstrating the ilio-femoral segment. Clin Radiol 28(2):165–71, Mar 77
*FEMORAL VEIN, radiography/ HUMAN/ *ILIAC VEIN, radiography/ *PHLEBOGRAPHY, methods/ THROMBOSIS, radiography/ VALSALVA'S MANEUVER

9194. **Thomas PE, Lu AY, West SB, et al:** Accessibility of cytochrome P450 in microsomal membranes: inhibition of metabolism by antibodies to cytochrome P450. Mol Pharmacol 13(5):819–31, Sep 77
ANIMAL/ *ANTIBODIES/ BENZOPYRENES, metabolism/ BENZPHETAMINE, metabolism/ COUMARINS, metabolism/ CYTOCHROME P-450, antagonists & inhibitors/ CYTOCHROME P-450, immunology/ *CYTOCHROME P-450, metabolism/ CYTOCHROMES, immunology/ IN VITRO/ MALE/ MEMBRANES, enzymology/ METHYLCHOLANTHRENE, pharmacodynamics/ *MICROSOMES, LIVER, enzymology/ MICROSOMES, LIVER, metabolism/ MICROSOMES, LIVER, ultrastructure/ MORPHINE DERIVATIVES, metabolism/ PHENOBARBITAL, pharmacodynamics/ RATS/ TESTOSTERONE, metabolism

9195. **Thomas T, Williams H, Williams Y, et al:** FEIBA in haemophiliacs with factor VIII inhibitor [letter]. Br Med J 1(6052):52, 1 Jan 77
ADULT/ CASE REPORT/ *COAGULANTS, therapeutic use/ *FACTOR VIII, antagonists & inhibitors/ *HEMOPHILIA, drug therapy/ HUMAN/ MALE

9196. **Thompson AR, Counts RB:** Removal of heparin and protamine from plasma. J Lab Clin Med 88(6):922–9, Dec 76
ADSORPTION/ *BLOOD COAGULATION TESTS, methods/ CHEMISTRY/ CHROMATOGRAPHY, methods/ *HEPARIN/ HEPARIN, blood/ ION EXCHANGE RESINS/ PLASMA/ *PROTAMINES/ PROTAMINES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9197. **Thompson AR, Enfield DL, Ericsson LH, et al:** Human thrombin: partial primary structure. Arch Biochem Biophys 178(2):356–67, 30 Jan 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, AFFINITY/ CYANOGEN BROMIDE/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PROTEIN CONFORMATION/ *THROMBIN, analysis/ THROMBIN, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9198. **Thompson AR:** Factor IX antigen by radioimmunoassay. Abnormal factor IX protein in patients on warfarin therapy and with hemophilia B. J Clin Invest 59(5):900–10, May 77
ADOLESCENCE/ ADULT/ *ANTIGENS, analysis/ BLOOD COAGULATION TESTS/ *CHRISTMAS DISEASE, immunology/ *FACTOR IX, immunology/ FACTOR IX, metabolism/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ RADIOIMMUNOASSAY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, adverse effects

9199. **Thompson AR, Wood WG, Stamatoyannopoulos G:** X-linked syndrome of platelet dysfunction, thrombocytopenia, and imbalanced globin chain synthesis with hemolysis. Blood 50(2):303–16, Aug 77
BLOOD GROUPS/ *BLOOD PLATELET DISORDERS, familial & genetic/ *BLOOD PROTEIN DISORDERS, familial & genetic/ FEMALE/ FETAL HEMOGLOBIN, analysis/ GLOBIN, biosynthesis/ HEMOLYSIS/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ IMMUNOGLOBULINS, analysis/ ISOANTIBODIES, analysis/ MALE/ PEDIGREE/ SEX CHROMOSOMES/ SPLENOMEGALY, etiology/ SYNDROME/ *THROMBOPENIA, familial & genetic/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9200. **Thompson DS, Westaby S, Lincoln JC:** Ventricular haemangioendothelioma diagnosed in life. Br Heart J 39(4):462–5, Apr 77
CASE REPORT/ CHILD/ FEMALE/ *HEART NEOPLASMS, diagnosis/ HEART NEOPLASMS, pathology/ HEART VENTRICLE, pathology/ *HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ METHODS

9201. **Thompson E, Simone J:** Blood transfusion in children with cancer. J Sch Health 47(3):154–7, Mar 77
BLOOD DONORS/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION, adverse effects/ CHILD/ ERYTHROCYTES, transplantation/ GRANULOCYTES, transplantation/ HUMAN/ *NEOPLASMS, therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9202. **Thompson J, Eulderink F, Lemkes H, et al:** Effect of warfarin on the induction and course of experimental endocarditis. Infect Immun 14(6):1284–9, Dec 76
ANIMAL/ ENDOCARDITIS, BACTERIAL, drug therapy/ *ENDOCARDITIS, BACTERIAL, etiology/ ENDOCARDITIS, BACTERIAL, mortality/ ENDOCARDIUM, microbiology/ MALE/ PENICILLIN G, therapeutic use/ RABBITS/ SEPTICEMIA, drug therapy/ *STREPTOCOCCUS SANGUIS/ STREPTOCOCCUS SANGUIS, drug effects/ *WARFARIN, pharmacodynamics

9203. **Thompson RA:** Clinical problems in stroke. Adv Neurol 16:1–4, 1977
AGING/ ARTERIOSCLEROSIS, complications/ BLOOD COAGULATION DISORDERS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS/ CEREBRAL HEMORRHAGE/ CEREBRAL ISCHEMIA, TRANSIENT/ *CEREBROVASCULAR DISORDERS, etiology/ CEREBROVASCULAR DISORDERS, surgery/ ENDARTERECTOMY/ HUMAN/ HYPERTENSION, complications/ HYPERTENSION, diagnosis/ MASS SCREENING

9204. **Thompson WM, Pizzo S, Jackson DC, et al:** The effect of drug-induced thrombocytopenia on direct-current transcatheter electrocoagulation. Radiology 124(3):831–3, Sep 77
ANIMAL/ DOGS/ *ELECTROCOAGULATION/ *EMBOLIZATION, THERAPEUTIC/ IN VITRO/ RISTOCETIN/ SPLENIC ARTERY/ *THROMBOPENIA/ THROMBOPENIA, chemically induced

9205. **Thomsen TA, Hokanson E, Barnes RW:** Automatic quantitation of venous hemodynamics with an electrically calibrated strain gauge plethysmograph. Med Instrum 11(4):240–3, Jul–Aug 77
*HEMODYNAMICS/ HUMAN/ *LEG, blood supply/ *PLETHYSMOGRAPHY, instrumentation/ PLETHYSMOGRAPHY, methods/ THROMBOPHLEBITIS, diagnosis

9206. **Thomson AW, Pugh-Humphreys RG, Horne CH, et al:** Aprotinin and growth of Walker 256 carcinosarcoma in the rat. Br J Cancer 35(4):454–60, Apr 77
ANIMAL/ *CARCINOMA 256, WALKER, drug therapy/ CARCINOMA 256, WALKER, immunology/ CARCINOMA 256, WALKER, pathology/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ RATS

9207. **Thomson NC, Hutcheon AW, Dagg JH:** Acquired resistance to prolonged treatment with intravenous 'Arvin' (ancrod). Br J Clin Pract 30(11–12):232–3, Nov–Dec 76
ANTIBODY FORMATION/ *ARVIN, immunology/ ARVIN, therapeutic use/ CASE REPORT/ DRUG RESISTANCE/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE PEPTIDOHYDROLASES, immunology/ THROMBOEMBOLISM, drug therapy/ TIME FACTORS

9208. **Thomson NM, Moran J, Simpson IJ, et al:** Defibrination with ancrod in nephrotoxic nephritis in rabbits. Kidney Int 10(5):343–7, Nov 76
ANIMAL/ *ARVIN, therapeutic use/ BASEMENT MEMBRANE, immunology/ COMPLEMENT 3, analysis/ CREATININE, blood/ DISEASE MODELS, ANIMAL/ FIBRIN, analysis/ *FIBRINOLYSIS, drug effects/ FLUORESCENT ANTIBODY TECHNIC/ IGG, analysis/ IMMUNE SERUMS/ KIDNEY GLOMERULUS, immunology/ MALE/ *NEPHRITIS, drug therapy/ NEPHRITIS, immunology/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ RABBITS

9209. **Thonnard-Neumann E:** Migraine therapy with heparin: pathophysiologic basis. Headache 16(6):284–92, Jan 77
ADOLESCENCE/ ADULT/ AGED/ BASOPHILS, metabolism/ FEMALE/ *HEPARIN, therapeutic use/ HEPARIN, urine/ HUMAN/ MALE/ MIDDLE AGE/ *MIGRAINE, drug therapy/ MIGRAINE, metabolism

9210. **Thorne KJ, Oliver RC, Barrett AJ:** Lysis and killing of bacteria by lysosomal proteinases. Infect Immun 14(2):555–63, Aug 76
ACINETOBACTER, immunology/ ACINETOBACTER, ultrastructure/ ANIMAL/ *BACTERIOLYSIS/ *CATHEPSIN, pharmacodynamics/ CELL MEMBRANE, immunology/ COMPARATIVE STUDY/ *LYSOSOMES, enzymology/ MICROCOCCUS, immunology/ MURAMIDASE, pharmacodynamics/ *PANCREATOPEPTIDASE, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS/ STAPHYLOCOCCUS AUREUS, immunology

9211. **Thorsen S, Astrup T:** Differences in the reactivities of human urokinase and the porcine tissue plasminogen activator. Haemostasis 5(5):295–305, 1976
ANIMAL/ BARBITAL, pharmacodynamics/ COMPARATIVE STUDY/ FIBRINOGEN, metabolism/ FIBRINOLYSIS, drug effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMIDAZOLES, pharmacodynamics/ OSMOLAR CONCENTRATION/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PLASMINOGEN ACTIVATORS, metabolism/ PLASMINOGEN ACTIVATORS, pharmacodynamics/ PLASMINOGEN, metabolism/ SWINE/ TROMETHAMINE, pharmacodynamics/ *UROKINASE, metabolism/ UROKINASE, pharmacodynamics

9212. **Thorup M, Fog R:** Clozapine treatment of schizophrenic patients. Plasma concentration and coagulation factors. Acta Psychiatr Scand 55(2):123–6, Feb 77
ADULT/ BLOOD COAGULATION, drug effects/ CLOZAPINE, adverse effects/ CLOZAPINE, blood/ *CLOZAPINE, therapeutic use/ *DIBENZAZEPINES, therapeutic use/ DRUG EVALUATION/ HUMAN/ MALE/ MIDDLE AGE/ *SCHIZOPHRENIA, drug therapy

9213. **Thuot C, Marion D, Boucher H:** Déficit congénital en antithrombine III: etude d'une famille québécoise Union Med Can 106(5):673–7, May 77 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ *ANTITHROMBINS, deficiency/ CASE REPORT/ COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, familial & genetic/ PULMONARY EMBOLISM, prevention & control/ *THROMBOSIS, familial & genetic/ THROMBOSIS, prevention & control

9214. **Thurner J:** Der Kropf in einem Endemiegebiet. Mit besonderer Berücksichtigung der Struma maligna (eine morphologische Studie Wien Med Wochenschr 126(16–17):234–42, 23 Apr 76 **(Ger)**
ADENOCARCINOMA, PAPILLARY, pathology/ ADENOMA, pathology/ AUSTRIA/ *GOITER, ENDEMIC, pathology/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ SARCOMA, pathology/ THYROID NEOPLASMS, classification/ *THYROID NEOPLASMS, pathology

9215. **Thurner J, Montano G:** Die maligne Struma. Pathologische Anatomie und funktionelle Eigenschaften Fortschr Med 94(15):879–87, 20 May 76 (Eng. Abstr.) **(Ger)**
AMYLOID, biosynthesis/ CALCITONIN, biosynthesis/ CARCINOSARCOMA, pathology/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ LYMPHOMA, pathology/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ PAPILLOMA, pathology/ PHEOCHROMOCYTOMA, familial & genetic/ SARCOMA, pathology/ *THYROID NEOPLASMS, pathology

9216. **Thwaits BH, Brandt WF, von Holt C:** Sites of 'in vitro' enzymatic acetylation of histone H3. FEBS Lett 71(2):193–6, 1 Dec 76
*ACETYL COENZYME A, metabolism/ ACETYLTRANSFERASES, isolation & purification/ *ACETYLTRANSFERASES, metabolism/ ANIMAL/ CATTLE/ *CELL NUCLEUS, enzymology/ *COENZYME A, analogs & derivatives/ *HISTONES, metabolism/ *LIVER, enzymology/ MALE/ PROTAMINES/ RATS/ THYMUS GLAND

9217. **Thwaits BH, Brandt WF, von Holt C:** Sites of 'in vitro' enzymatic acetylation of histone H4. FEBS Lett 71(2):197–200, 1 Dec 76
*ACETYLTRANSFERASES, metabolism/ AMINO ACID SEQUENCE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ *HISTONES/ HISTONES, metabolism/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN

9218. **Tibbutt DA:** Thrombosis statistics [letter]. Br Med J 1(6055):231, 22 Jan 77

ADOLESCENCE/ ADULT/ CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ MIDDLE AGE/ PHLEBOGRAPHY/ *THROMBOPHLEBITIS, radiography

9219. **Tibbutt DA, Chesterman CN, Williams EW, et al:** Controlled trial of the sequential use of streptokinase and ancrod in the treatment of deep vein thrombosis of lower limb. Thromb Haemostas 37(2):222–32, 30 Apr 77
ARVIN, adverse effects/ *ARVIN, therapeutic use/ COMPARATIVE STUDY/ HEMORRHAGE, chemically induced/ HUMAN/ *LEG, blood supply/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ PHLEBOGRAPHY/ POPLITEAL VEIN/ *STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy/ THROMBOSIS, radiography

9220. **Tice DA:** Low dosage of heparin [editorial]. Surg Gynecol Obstet 143(6):970–1, Dec 76
*HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ *THROMBOEMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

9221. **Tidir AA, Diachuk VV:** Vroxhdennaia podskladochnaia gemangioma gortani i trak heĭ u rebenka grudnogo vozrasta Zh Ushn Nos Gorl Bolezn (1):98–100, Jan–Feb 76 **(Rus)**
CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA, congenital/ HEMANGIOMA, pathology/ HUMAN/ *LARYNGEAL NEOPLASMS, congenital/ LARYNGEAL NEOPLASMS, pathology/ NEOPLASM METASTASIS/ *TRACHEAL NEOPLASMS, congenital/ TRACHEAL NEOPLASMS, etiology/ TRACHEAL NEOPLASMS, pathology

9222. **Tidwell RR, Fox LL, Geratz JD:** Aromatic Tris-amidines. A new class of highly active inhibitors of trypsin-like proteases. Biochim Biophys Acta 445(3):729–38, 11 Oct 76
*AMIDINES, pharmacodynamics/ ANIMAL/ DOGS/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KINETICS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, blood/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ THROMBOPLASTIN, physiology/ *TROMETHAMINE, pharmacodynamics/ *TRYPSIN INHIBITORS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9223. **Tietjen GW, Chien S, Scholz P, et al:** Changes in blood viscosity and plasma proteins in carcinoma. J Surg Oncol 9(1):53–9, 1977
ALPHA GLOBULINS, analysis/ BETA GLOBULINS, analysis/ *BLOOD PROTEINS, analysis/ *BLOOD VISCOSITY/ FIBRINOGEN, analysis/ GAMMA GLOBULINS, analysis/ HEMATOCRIT/ HUMAN/ *NEOPLASMS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9224. **Tikhomirova NI, Khvatov VB:** Biologicheskie svoĭstva izlivsheĭsia v briushnuiu polost' krovi, ispol'zuemoĭ dlia reinfuzii v ginekologicheskoĭ praktike Akush Ginekol (Mosk) (10):64–6, Oct 76 **(Rus)**
ABDOMEN/ ADULT/ BLOOD COAGULATION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ *BLOOD/ FEMALE/ *GYNECOLOGIC DISEASES, therapy/ *HEMORRHAGE, GASTROINTESTINAL/ HUMAN/ OVARIAN DISEASES, therapy/ PREGNANCY/ PREGNANCY, ECTOPIC, therapy

9225. **Tikhomirova NI, Khvatov VB:** Fibrinoliticheskie svoĭstva 'peritoneal'noĭ' krovi, ispol'zuemoĭ dlia reinfuzii v ginekologicheskoĭ praktike. Probl Gematol Pereliv Krovi (2):38–42, Feb 77 (Eng. Abstr.) **(Rus)**
*BLOOD TRANSFUSION, AUTOLOGOUS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIN, analysis/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, analysis/ *HEMOPERITONEUM, therapy/ HUMAN/ *OVARIAN DISEASES, therapy/ PLASMINOGEN ACTIVATORS, analysis/ PLASMINOGEN, analysis/ PREGNANCY/ *PREGNANCY, ECTOPIC, complications/ RUPTURE, SPONTANEOUS

9226. **Tikhonova EP, Grinchenko TS, Zhurova MV, et al:** Sostoianie mikrotsirkuliatsii i gemokoaguliatsii u bol'nykh sakharnym diabetom, poluchaiushchikh razlichnye vidy antidiabeticheskoĭ terapii Probl Endokrinol (Mosk) 23(1):3–7, Jan–Feb 77 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD COAGULATION/ CAPILLARY PERMEABILITY/ CLOT RETRACTION/ CONJUNCTIVA, blood supply/ DIABETES MELLITUS, drug therapy/ *DIABETES MELLITUS, physiopathology/ DIABETIC ANGIOPATHIES, diagnosis/ ENGLISH ABSTRACT/ HUMAN/ INSULIN, therapeutic use/ *MICROCIRCULATION/ MIDDLE AGE/ PLATELET AGGREGATION/ SULFANILAMIDES, therapeutic use

9227. **Tillement JP, Thébault JJ, Mattei C, et al:** Anticoagulant effect and plasma kinetics of fluorophenindione after a single dose in man. Eur J Clin Pharmacol 8(3–4):271–5, 4 Apr 75
ADMINISTRATION, ORAL/ ADULT/ ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, blood/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HALF-LIFE/ HUMAN/ KINETICS/ MALE/ MIDDLE AGE/ MODELS, BIOLOGICAL/ *PHENINDIONE, analogs & derivatives/ PHENINDIONE, administration & dosage/ PHENINDIONE, blood/ PROTHROMBIN TIME

9228. **Tilley LP, Weitz J:** Pharmacologic and other forms of medical therapy in feline cardiac disease. Vet Clin North Am 7(2):415–28, May 77 (19 ref.)
ANIMAL/ *CAT DISEASES, drug therapy/ CATS/ DIET, SALT-FREE/ DIGOXIN, therapeutic use/ ELECTROCARDIOGRAPHY, veterinary/ FUROSEMIDE, therapeutic use/ *HEART DISEASES, veterinary/ HEART FAILURE, CONGESTIVE, drug therapy/ HEART FAILURE, CONGESTIVE, veterinary/ LIDOCAINE, therapeutic use/ MYOCARDIAL DISEASES, PRIMARY, drug therapy/ MYOCARDIAL DISEASES, PRIMARY, veterinary/ PROPRANOLOL, therapeutic use/ REVIEW/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, veterinary

9229. **Tillman W, Labitxke N, Schröter W:** Günstige rheologische Iegenschaften der Erythrozytem beim Glucose-6-phosphatdehydrogenase-mangel Klin Wochenschr 55(8):385–91, 15 Apr 77 (Eng. Abstr.) **(Ger)**
BLOOD VISCOSITY/ ENGLISH ABSTRACT/ ERYTHROCYTE AGING/ ERYTHROCYTE MEMBRANE, analysis/ *ERYTHROCYTES/ FILTRATION/ *GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY, blood/ GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY, surgery/ HEINZ BODIES/ HEMOGLOBINS, analysis/ HUMAN/ *RHEOLOGY/ SPLEEN, physiopathology/ SPLENECTOMY

9230. **Tilstone WJ, Gray JM, Nimmo-Smith RH, et al:** Interaction between warfarin and sulphamethoxazole. Postgrad Med J 53(621):388–90, Jul 77
ADULT/ BINDING SITES/ CASE REPORT/ DRUG COMBINATIONS/ DRUG INTERACTIONS/ FEMALE/ HUMAN/ IN VITRO/ PROTEIN BINDING/ PROTHROMBIN TIME/ SERUM ALBUMIN, metabolism/ *SULFAMETHOXAZOLE, pharmacodynamics/ TRIMETHOPRIM, pharmacodynamics/ *WARFARIN, blood

9231. **Tilz GP, Teubl I, Kopplhuber C, et al:** Therapeutische Plasmapherese: Eine neue Form der symptomatischen Therapie Med Klin 71(45):1952–7, 5 Nov 76 **(Ger)**
ADULT/ AMITRIPTYLINE, poisoning/ ANTILYMPHOCYTE SERUM/ BONE NEOPLASMS, therapy/ CASE REPORT/ FEMALE/ HEMOPHILIA, therapy/ HUMAN/ HYPERTHYROIDISM, therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, therapy/

LYMPHOCYTES/ MACROGLOBULINEMIA, therapy/ MALE/ MIDDLE AGE/ MULTIPLE MYELOMA, therapy/ *PLASMAPHERESIS/ POISONING, therapy/ RETROSPECTIVE STUDIES/ SYNDROME

9232. **Timerbaev VN, Chenboricova GSh, Zubairov DM:** Issledovanie glikopeptidov protrombina sobak. Biokhimiia 42(5):839–42, May 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ ASPARTIC ACID, analysis/ CHEMISTRY/ DOGS/ ENGLISH ABSTRACT/ GALACTOSE, analysis/ *GLYCOPEPTIDES/ GLYCOPEPTIDES, analysis/ HEXOSAMINES, analysis/ MANNOSE, analysis/ PEPTIDE FRAGMENTS/ PEPTIDE HYDROLASES/ *PROTHROMBIN/ SIALIC ACIDS, analysis/ STREPTOMYCES GRISEUS, enzymology

9233. **Timoshenko LI:** Produkty rasshchepleniia fibrinogena i ikh biologicheskoe znachenie (obzor literatury) Lab Delo (9):515–20, 1976 (91 ref.) **(Rus)**
ANTICOAGULANTS, pharmacodynamics/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FETAL BLOOD/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, pharmacodynamics/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, physiology/ FIBRINOLYSIS/ HUMAN/ INFANT, NEWBORN/ KIDNEY DISEASES, blood/ NEOPLASMS, blood/ REVIEW/ THROMBOEMBOLISM, blood/ THROMBOPLASTIN, antagonists & inhibitors

9234. **Timoshenko LI, Romanova AF, Burka NI, et al:** Nekotorye pokazateli gumoral'nogo immuniteta pri transplantatsii kostnogo mozga bol'nym s gipoplazieĭ krovetvoreniia. Zh Mikrobiol Epidemiol Immunobiol (5):75–7, May 77 (Eng. Abstr.) **(Rus)**
*AGGLUTININS, analysis/ ANEMIA, APLASTIC, blood/ *ANEMIA, APLASTIC, immunology/ ANEMIA, APLASTIC, therapy/ BLOOD PLATELETS, immunology/ *BONE MARROW CELLS, transplantation/ COOMBS' TEST/ ENGLISH ABSTRACT/ *HEMAGGLUTININS, analysis/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ HISTOCOMPATIBILITY TESTING/ *HL-A, analysis/ HUMAN/ LYMPHOCYTES, immunology/ TRANSPLANTATION, HOMOLOGOUS

9235. **Timoshenskiĭ VI, Barkagan IZ, Nartova VP:** Funktsiia trombotsitov, aktivnost' fibrinoliza i krovopoteria pri tonzilléktomii u bol'nykh khronicheskim tonzillitom i revmatizmom Zh Ushn Nos Gorl Bolezn (3):26–30, May–Jun 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ CHILD/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ *HEMORRHAGE, blood/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, blood/ RHEUMATIC FEVER, blood/ RHEUMATIC FEVER, complications/ *RHEUMATIC FEVER, surgery/ *TONSILLECTOMY/ TONSILLITIS, blood/ TONSILLITIS, complications/ *TONSILLITIS, surgery

9236. **Timoshenskiĭ VI, Barkagan ZS, Perfil'eva GN:** O geneze i vzaimosviazi retsidiviruiushchikh nosovykh i matochnykh krovotecheniĭ Vestn Otorinolaringol (2):78–82, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ *EPISTAXIS, etiology/ FEMALE/ *HEMORRHAGIC DIATHESIS, complications/ HUMAN/ MIDDLE AGE/ *UTERINE HEMORRHAGE, etiology

9237. **Timpl R, Fietzek PP, Wachter E, et al:** Disulfide-linked cyanogen bromide peptides of bovine fibrinogen. II. Isolation and sequence analysis of the chain constituents from the amino terminal region.
Biochim Biophys Acta 490(2):420–9, 22 Feb 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ CYANOGEN BROMIDE/ DISULFIDES, analysis/ *FIBRINOGEN/ PEPTIDE FRAGMENTS, analysis/ THROMBIN

9238. **Timsit J, Giroud JP:** Activités anticomplémentaires de substances héparinoïques et protaminiques
C R Soc Biol (Paris) 170(3):567–74, Oct 76 (Eng. Abstr.) **(Fre)**
ANIMAL/ *COMPLEMENT, antagonists & inhibitors/ ENGLISH ABSTRACT/ *HEPARIN, pharmacodynamics/ HEXADIMETHRINE, pharmacodynamics/ MALE/ PENTOSAN SULFURIC POLYESTER, pharmacodynamics/ POLYSACCHARIDES, pharmacodynamics/ *PROTAMINES, pharmacodynamics/ RATS

9239. **Ting CC:** Afferent and efferent interference of cell-mediated cytotoxic reactions by heparin. J Natl Cancer Inst 57(2):455–7, Aug 76
ANIMAL/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FRIEND VIRUS/ *HEPARIN, pharmacodynamics/ *IMMUNITY, CELLULAR, drug effects/ *LEUKEMIA, EXPERIMENTAL, immunology/ MICE/ MICE, INBRED C57BL

9240. **Ting CC, Nunn ME, Park JY, et al:** Comparison of three isotopic assays of cell-mediated cytotoxicity against mouse tumor cells. II. Sensitivity and specificity of the assays and characteristics of effector and sensitizing cells.
J Natl Cancer Inst 58(2):331–7, Feb 77
ANIMAL/ ANTIBODY SPECIFICITY/ ANTIGENS, NEOPLASM/ CELL NUCLEUS, metabolism/ CELLS, CULTURED/ CHROMIUM RADIOISOTOPES/ COMPARATIVE STUDY/ CYTOPLASM, metabolism/ *CYTOTOXICITY TESTS, IMMUNOLOGIC, methods/ IDOXURIDINE, metabolism/ *IMMUNITY, CELLULAR/ IODINE RADIOISOTOPES/ LEUKEMIA, EXPERIMENTAL, immunology/ LYMPHOCYTES, immunology/ MICE/ *NEOPLASMS, EXPERIMENTAL, immunology/ PROLINE, metabolism/ RADIOIMMUNOASSAY/ SPLEEN, immunology/ TIME FACTORS/ TRITIUM/ TRYPSIN, pharmacodynamics

9241. **Tintinalli JE:** Emergencies in internal medicine.
Compr Ther 3(3):54–65, Mar 77
ARRHYTHMIA, diagnosis/ *ARRHYTHMIA, therapy/ BRADYCARDIA/ ELECTROCARDIOGRAPHY/ *EMERGENCIES/ HEMORRHAGIC DIATHESIS, diagnosis/ *HEMORRHAGIC DIATHESIS, therapy/ HUMAN/ *HYPERTENSION, drug therapy/ TACHYCARDIA/ TACHYCARDIA, PAROXYSMAL/ VENTRICULAR FIBRILLATION

9242. **Tintinalli JE:** Hemophilia [clinical conference] JACEP 6(7):326–9, Jul 77
ADOLESCENCE/ CASE REPORT/ CHRISTMAS DISEASE, therapy/ FACTOR IX, administration & dosage/ FACTOR VIII, administration & dosage/ HEMOPHILIA, familial & genetic/ *HEMOPHILIA, therapy/ HOSPITAL EMERGENCY SERVICE/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE

9243. **Tirao L, Tacogue L, Alfore W Jr, et al:** Clinical and echocardiographic manifestations of a thrombosed Bjork-Shiley aortic valve. South Med J 70(4):493–4, Apr 77
ADULT/ *AORTIC VALVE/ CASE REPORT/ FEMALE/ *HEART FAILURE, CONGESTIVE, etiology/ *HEART VALVE PROSTHESIS/ HUMAN/ PULMONARY EDEMA, etiology/ *THROMBOSIS, complications

9244. **Tiska-Rudman L, Ledinski G:** Pomoc koagulacijskih testova u sprečavanju tromboembolija u neurokirurških bolesnika Lijec Vjesn 98(11):601–3, 1976 (Eng. Abstr.) **(Scr)**
*BLOOD COAGULATION TESTS/ BRAIN NEOPLASMS, blood/ *BRAIN NEOPLASMS, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

9245. **Tiska-Rudman L, Zadjelovic J, Krusic J:** Dugotrajna upotreba oralnih kontraceptiva i testovi koagulacije krvi. Lijec Vjesn 99(6):337–44, Jun 77 (Eng. Abstr.) **(Scr)**
ADULT/ *BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ *CONTRACEPTIVES, ORAL, adverse effects/

ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE

9246. **Titanji VP:** Purification and properties of a phosphoprotein phosphatase from rat liver. Biochim Biophys Acta 481(1):140–51, 15 Mar 77
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ALANINE, pharmacodynamics/ ANIMAL/ FRUCTOSEPHOSPHATES, pharmacodynamics/ *LIVER, enzymology/ MAGNESIUM, pharmacodynamics/ MALE/ MANGANESE, pharmacodynamics/ PHOSPHATES, pharmacodynamics/ *PHOSPHOMONOESTERASES, isolation & purification/ PHOSPHOMONOESTERASES, metabolism/ PROTAMINES, metabolism/ PYRUVATE KINASE, metabolism/ PYRUVATES, pharmacodynamics/ RATS

9247. **Titova MI, Kaidash AN, Tsvetkov AA:** Koagulogramma pri tromboze levogo predserdiia u bol'nykh s revmaticheskimi porokami serdtsa Klin Med (Mosk) 55(1):49–52, 1977 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ HEART ATRIUM/ HUMAN/ MIDDLE AGE/ RHEUMATIC HEART DISEASE, blood/ *RHEUMATIC HEART DISEASE, complications/ THROMBOSIS, blood/ *THROMBOSIS, complications

9248. **Tiunova NA, Kobzeva NIa:** Fermentativnoe rasshcheplenie kletochnykh stenok drozhzheĭ, nakhodiashchikhsia v razlichnykh fazakh rosta Mikrobiologiia 45(5):781–6, Sep–Oct 76 (Eng. Abstr.) **(Rus)**
*ACTINOMYCES, enzymology/ CELL WALL, metabolism/ CHROMATOGRAPHY, GEL/ ENDO-1,3-BETA-GLUCANASE, isolation & purification/ *ENDO-1,3-BETA-GLUCANASE, metabolism/ ENGLISH ABSTRACT/ *GLYCOSIDE HYDROLASES, metabolism/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ SACCHAROMYCES CEREVISIAE, growth & development/ *SACCHAROMYCES CEREVISIAE, metabolism

9249. **Tivol WF, Benisek WF:** Preparative fractionation of peptide mixture by two-dimensional chromatography and electrophosesis on paper. Anal Biochem 78(1):93–105, Mar 77
AMINO ACIDS, analysis/ CHROMATOGRAPHY, PAPER, methods/ ELECTROPHORESIS, PAPER, methods/ METHODS/ MURAMIDASE/ *PEPTIDE FRAGMENTS, isolation & purification/ PHOTOGRAPHY/ TRYPSIN

9250. **Tixier G, Alouf JE:** Essai de purification et propriétés de la toxine delta de Clostridium perfringens type C Ann Microbiol (Paris) 127B(4):509–24, Nov–Dec 76 (Eng. Abstr.) **(Fre)**
AMMONIUM SULFATE/ CALCIUM PHOSPHATES/ CHROMATOGRAPHY, GEL/ *CLOSTRIDIUM PERFRINGENS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ HEMOLYSIS/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ PRECIPITATION/ TOXINS, analysis/ *TOXINS, isolation & purification/ TRYPSIN, pharmacodynamics

9251. **Tkachuk VN, Goloshchapov ET:** Vliianie khronicheskoĭ pochechnoĭ nedostatochnosti na sistemu gemokoaguliatsii u bol'nykh adenomoĭ predstatel'noĭ zhelezy Urol Nefrol (Mosk) (5):43–6, Sep–Oct 76 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ HUMAN/ *KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, complications/ MALE/ *PROSTATIC HYPERTROPHY, blood/ PROSTATIC HYPERTROPHY, complications

9252. **Tobelem G, Levy-Toledano S, Bredoux R, et al:** New approaches to determination of specific functions of platelet membrane sites. Nature 263(5576):427–9, 30 Sep 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANTIGEN-ANTIBODY REACTIONS/ AORTA, physiology/ *BLOOD PLATELETS, immunology/ ENDOTHELIUM/ FACTOR VIII, pharmacodynamics/ GLYCOPROTEINS, physiology/ HUMAN/ *ISOANTIBODIES/ *PLATELET ADHESIVENESS/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ *PURPURA, THROMBOPENIC, blood/ RISTOCETIN, pharmacodynamics/ SYNDROME

9253. **Tobelem G:** Données cliniques et biologiques sur la dystrophie thrombocytaire hémorragipare Nouv Rev Fr Hematol 16(3):407–11, 1976 (Eng. Abstr.) **(Fre)**
ADENOSINE DIPHOSPHATE/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS, metabolism/ CELL MEMBRANE, metabolism/ CELL SURVIVAL/ COLLAGEN/ ENGLISH ABSTRACT/ FACTOR VIII, analysis/ FACTOR XI, analysis/ GLYCOPROTEINS, blood/ GLYCOPROTEINS, physiology/ HUMAN/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION/ *PURPURA, THROMBOPENIC, familial & genetic/ RISTOCETIN, pharmacodynamics/ SEROTONIN, metabolism/ SIALIC ACIDS, blood/ SYNDROME/ THROMBOPLASTIN, analysis/ *VON WILLEBRAND FACTOR/ VON WILLEBRAND FACTOR, analysis

9254. **Tobias JA, Daicoff GR:** Tag-along pacemaker. Chest 70(5):665–7, Nov 76
AGED/ *ARRHYTHMIA, etiology/ CASE REPORT/ FEMALE/ HEART BLOCK, complications/ *HEART BLOCK, therapy/ HEART DISEASES, pathology/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ HYPERKALEMIA, complications/ JAUNDICE, OBSTRUCTIVE, complications/ MIDDLE AGE/ *PACEMAKER, ARTIFICIAL/ PULMONARY EMBOLISM, complications

9255. **Tobias PS, Schumacher GF:** The extraction of acrosin from human spermatozoa. Biol Reprod 15(2):187–94, Sep 76
*ACROSIN, isolation & purification/ AMIDOHYDROLASES, metabolism/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *SPERMATOZOA, analysis/ SPERMATOZOA, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9256. **Tobias PS, Schumacher GF:** Observation of two procrosins in extracts of human spermatozoa. Biochem Biophys Res Commun 74(2):434–9, 24 Jan 77
*ACROSIN/ ACROSIN, isolation & purification/ ACROSIN, metabolism/ CHROMATOGRAPHY, GEL/ ENZYME ACTIVATION/ *ENZYME PRECURSORS/ ENZYME PRECURSORS, isolation & purification/ ENZYME PRECURSORS, metabolism/ HUMAN/ *ISOENZYMES/ ISOENZYMES, isolation & purification/ ISOENZYMES, metabolism/ KINETICS/ MALE/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *SPERMATOZOA, enzymology

9257. **Tobik S, Ziaja K, Walewski W:** Krwawienie zaotrzewnowe w różnicowaniu ostrego brzucha Pol Przegl Chir 48(12):1551–3, Dec 76 (Eng. Abstr.) **(Pol)**
*ABDOMEN, ACUTE, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, etiology/ *HEMOPERITONEUM, diagnosis/ HEMORRHAGE, etiology/ HUMAN/ KIDNEY NEOPLASMS, complications/ LIPOMA, complications/ MIDDLE AGE/ *RETROPERITONEAL SPACE

9258. **Tochen ML:** Bone lesions in a child with meningococcal meningitis and disseminated intravascular coagulation [letter] J Pediatr 91(2):342–3, Aug 77
*BONE RESORPTION, diagnosis/ CASE REPORT/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HUMAN/

MALE/ *MENINGITIS, MENINGOCOCCIC, complications/ *OSTEOLYSIS, diagnosis

9259. **Tocornal J, Reiter F, Gómez L:** Trombósis de la vena esplénica y varices del fondo gastrico. Rev Med Chil 102(7):529–31, Jul 74 (Eng. Abstr.) **(Spa)**
ADULT/ AGED/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ SPLENIC DISEASES, complications/ SPLENIC DISEASES, radiography/ *SPLENIC VEIN/ SPLENIC VEIN, radiography/ SPLENOPORTOGRAPHY/ STOMACH DISEASES, etiology/ STOMACH DISEASES, radiography/ *STOMACH, blood supply/ THROMBOSIS, complications/ *THROMBOSIS, diagnosis/ *VARICOSE VEINS, diagnosis/ VARICOSE VEINS, etiology

9260. **Toffano G, Leon A, Benvegnù D, et al:** Effect of phospholipids on cholesterol-induced modifications in mouse brain. Atherosclerosis 26(1):59–66, Jan 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ ANOXIA, chemically induced/ AVOIDANCE LEARNING, drug effects/ *BEHAVIOR, ANIMAL, drug effects/ BLOOD SUGAR, analysis/ BODY WEIGHT, drug effects/ BRAIN, drug effects/ *BRAIN, metabolism/ CATECHOLAMINES, metabolism/ CATTLE/ *CHOLESTEROL, DIETARY/ COMPARATIVE STUDY/ DIET, ATHEROGENIC/ DOPAMINE, metabolism/ GLYCOGEN, metabolism/ HOMOVANILLIC ACID, metabolism/ LACTATES, metabolism/ MICE/ MOTOR ACTIVITY, drug effects/ *PHOSPHOLIPIDS, pharmacodynamics/ PROPYLTHIOURACIL, pharmacodynamics/ PYRUVATES, metabolism

9261. **Tofovic P, Ugrinovski J, Ruskov P:** Skenografski prikaz razvoja spontanog intracerebralnog hematoma (prikaz slučaja). Acta Chir Iugosl 24(2):161–5, 1977 (Eng. Abstr.) **(Scr)**
ADULT/ *BRAIN DISEASES, diagnosis/ BRAIN DISEASES, surgery/ ENGLISH ABSTRACT/ *HEMATOMA, diagnosis/ HEMATOMA, surgery/ HUMAN/ MALE/ PREOPERATIVE CARE/ RADIONUCLIDE IMAGING, methods/ TECHNETIUM, diagnostic use/ TIME FACTORS

9262. **Toghill PJ, Green S, Ferguson F:** Platelet dynamics in chronic liver disease with special reference to the role of the spleen. J Clin Pathol 30(4):367–71, Apr 77
ADULT/ AGED/ *BLOOD PLATELETS/ CHROMIUM RADIOISOTOPES/ CHRONIC DISEASE/ FEMALE/ HUMAN/ *LIVER DISEASES, metabolism/ MALE/ MIDDLE AGE/ *SPLEEN, metabolism

9263. **Tognella S, Mantovani G, Grifoni V:** La trombocitemia emorragica Considerazioni a proposito di un'osservazione personale Recent Prog Med (Roma) 62(1):99–113, Jul 76 (Eng. Abstr.) **(Ita)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ *HEMORRHAGIC THROMBOCYTHEMIA, classification/ HEMORRHAGIC THROMBOCYTHEMIA, complications/ HUMAN/ LEUKEMIA, MYELOCYTIC, complications/ MALE/ POLYCYTHEMIA VERA, complications

9264. **Tokarev IuN, Alekseev GA, Pliushch OP, et al:** Znachenie nekotorykh geneticheskikh markerov v vyiavlenii geterozigotnykh nositelei gena gemofilii A. Probl Gematol Pereliv Krovi 22(4):8–13, Apr 77 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ FEMALE/ HEMOPHILIA, diagnosis/ *HEMOPHILIA, familial & genetic/ HETEROZYGOTE/ HUMAN

9265. **Töllner U, Pohlandt F:** Septicemia in the newborn due to gram-negative bacilli. Risk factors, clinical symptoms, and hematologic changes. Eur J Pediatr 123(4):243–54, 3 Nov 76
*BACTERIAL INFECTIONS, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ COLOR/ FEMALE/ HUMAN/ HYPOTHERMIA/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, diagnosis/ *INFANT, NEWBORN, DISEASES, etiology/ INFANT, PREMATURE/ KLEBSIELLA INFECTIONS, complications/ LEUKOCYTE COUNT/ MALE/ RESUSCITATION/ SEPTICEMIA, diagnosis/ *SEPTICEMIA, etiology/ SKIN

9266. **Tolot F, Prost G, Guignot B, et al:** Manifestations multiples d'intolérance a une association d'anti-inflammatoires. Rôle de la phénylbutazone Sem Hop Ther 52(3):185–90, Mar 76 (52 ref.) **(Fre)**
*ANTI-INFLAMMATORY AGENTS, adverse effects/ CASE REPORT/ DRUG HYPERSENSITIVITY/ DRUG TOLERANCE/ ERYTHEMA, chemically induced/ FEMALE/ HUMAN/ INDOMETHACIN, adverse effects/ KIDNEY DISEASES, chemically induced/ LIVER DISEASES, chemically induced/ MIDDLE AGE/ PHENYLBUTAZONE, adverse effects/ PURPURA, THROMBOPENIC, chemically induced/ REVIEW/ THROMBOPENIA, chemically induced

9267. **Tomasi V:** Prostaglandin E1 as an intercellular regulator of cyclic AMP levels. Exp Cell Biol 44(3–6):260–77, 1976
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ CELL MEMBRANE, metabolism/ EPINEPHRINE, metabolism/ FLUORIDES, pharmacodynamics/ GLUCAGON, antagonists & inhibitors/ GLUCAGON, pharmacodynamics/ GUANOSINE TRIPHOSPHATE, analogs & derivatives/ GUANOSINE TRIPHOSPHATE, pharmacodynamics/ INFLAMMATION/ *LIVER, cytology/ LYMPHOCYTES, immunology/ PHOSPHOLIPASE, pharmacodynamics/ PROSTAGLANDINS E, antagonists & inhibitors/ *PROSTAGLANDINS E, metabolism/ RATS/ *RECEPTORS, HORMONE/ RECEPTORS, HORMONE, drug effects/ *RECEPTORS, PROSTAGLANDIN/ RECEPTORS, PROSTAGLANDIN, drug effects/ TRYPSIN, pharmacodynamics

9268. **Tomatis R, Guggi A, Salvadori S, et al:** Studies on trypsin inhibitors. Part VII. Synthesis of protected peptides related to sequences 1 – 14 and 36 – 52 of porcine pancreatic secretory trypsin inhibitor II (Kazal). Int J Pept Protein Res 9(2):137–47, 1977
AMINO ACID SEQUENCE/ IN VITRO/ PEPTIDE FRAGMENTS/ *PEPTIDES, chemical synthesis/ *TRYPSIN INHIBITOR, KAZAL PANCREATIC/ TRYPSIN INHIBITOR, KAZAL PANCREATIC, chemical synthesis/ *TRYPSIN INHIBITORS

9269. **Tometsko AM, Turula J:** Evaluating the stability and reactivity of a light-sensitive probe by enzyme analysis. Photochem Photobiol 24(6):579–85, Dec 76
*CHYMOTRYPSIN, metabolism/ CHYMOTRYPSIN, radiation effects/ *LIGHT/ PHOTOLYSIS/ *TRYPSIN, metabolism/ TRYPSIN, radiation effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9270. **Tomita K:** [Studies on cardiac function and coronary blood flow in acute experimental recurrent pulmonary microembolization (author's transl)] Jpn Circ J 40(9):1043–5, 1067–80, Sep 76 (Eng. Abstr.) **(Jpn)**
ANIMAL/ ANOXEMIA, etiology/ BLOOD PRESSURE/ *CORONARY CIRCULATION/ DISEASE MODELS, ANIMAL/ DOGS/ ENGLISH ABSTRACT/ *MYOCARDIAL CONTRACTION/ OXYGEN CONSUMPTION/ PULMONARY ARTERY, physiology/ *PULMONARY EMBOLISM, physiopathology

9271. **Tomita N:** [Experimental study of preventive effects of drugs to lung radiation damage] Acta Med (Fukuoka) 47(1):1–11, Jan 77 (Eng. Abstr.) **(Jpn)**
*ALKALOIDS, therapeutic use/ ANIMAL/ ENGLISH ABSTRACT/ *ISOQUINOLINES, therapeutic use/ *LUNG DISEASES, prevention & control/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ RABBITS/ *RADIATION INJURIES, EXPERIMENTAL, prevention & control/ RADIATION-PROTECTIVE AGENTS/ *UROKINASE, therapeutic use

9272. **Tomonaga M:** [Study on nitroblue-tetrazolium (NBT) reduction by neutrophils. I. A new histochemical method to detect NBT reduction by neutrophils (author's transl)] Jpn J Clin Hematol 17(12):1266–75, Dec 76 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CYTOLOGICAL TECHNICS/ ENGLISH

ABSTRACT/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ INFANT/ MALE/ MIDDLE AGE/ *NEUTROPHILS, metabolism/ NITROBLUE TETRAZOLIUM, diagnostic use/ *NITROBLUE TETRAZOLIUM, metabolism/ OXIDATION-REDUCTION/ *TETRAZOLIUM SALTS, metabolism

9273. **Tomova T, Vodenicharov R:** Khromatodensitometriia piranokumarinov v Peucedanum arenarium Farmatsiia 26(2):53–6, Mar–Apr 77 **(Rus)**
*COUMARINS, analysis/ DENSITOMETRY, methods/ *PLANTS, analysis

9274. **Tonak J, Filler D:** Zur Problematik der sogenannten spontanen Darmperforationen Chirurg 48(5):334–8, May 77 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ CASE REPORT/ CECAL DISEASES, etiology/ COLON, blood supply/ COLONIC DISEASES, complications/ ENGLISH ABSTRACT/ ENTEROCOLITIS, ACUTE, complications/ FEMALE/ HUMAN/ INFANT/ INTESTINAL OBSTRUCTION, complications/ *INTESTINAL PERFORATION, etiology/ ISCHEMIA, complications/ MALE/ MESENTERIC VASCULAR OCCLUSION, complications/ MESENTERIC VEINS/ MIDDLE AGE/ PERITONITIS, etiology/ POSTOPERATIVE COMPLICATIONS, etiology/ THROMBOSIS, complications

9275. **Tonkovic I, Luetic V, Kružic Z:** Postupak sa varikozitetima u trudnoći Acta Chir Iugosl 24(1 Suppl):401–2, 1977 **(Scr)**
BANDAGES/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, therapy/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ PREGNANCY/ VARICOSE VEINS, chemically induced/ VARICOSE VEINS, drug therapy/ *VARICOSE VEINS, therapy

9276. **Tonkovic I, Luetic V, Kružic Z:** Primjena ultrazvuka u angiokirurgiji Acta Chir Iugosl 24(1 Suppl):417–20, 1977 **(Scr)**
DOPPLER EFFECT/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ THROMBOPHLEBITIS, diagnosis/ *ULTRASONICS, diagnostic use/ *VASCULAR DISEASES, surgery

9277. **Toole JF:** Management of TIAs and acute cerebral infarction. Adv Neurol 16:71–80, 1977
AGED/ ANTICOAGULANTS, therapeutic use/ *BRAIN, radiography/ CASE REPORT/ CEREBRAL ANGIOGRAPHY/ CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ *CEREBRAL EMBOLISM AND THROMBOSIS, therapy/ CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ RECURRENCE/ REST/ RISK/ TIME FACTORS/ TOMOGRAPHY, COMPUTERIZED AXIAL

9278. **Toomasian JM, Badin T, Elliott MP, et al:** Effects of hepatic autologous lysosomal enzymes on rat lungs. Surg Forum 27(62):173–5, 1976
ANIMAL/ FIBRINOGEN, administration & dosage/ FIBRINOGEN, pharmacodynamics/ HEMORRHAGE, etiology/ HUMAN/ *HYPOTENSION, etiology/ INJECTIONS, INTRAVENOUS/ *LIVER, enzymology/ LUNG, blood supply/ *LUNG, drug effects/ *LYSOSOMES, enzymology/ MALE/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9279. **Tooney NM, Cohen C:** Crystalline states of a modified fibrinogen. J Mol Biol 110(2):363–85, 25 Feb 77
CHEMISTRY/ CRYSTALLIZATION/ CRYSTALLOGRAPHY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN/ FIBRINOGEN, isolation & purification/ MICROSCOPY, ELECTRON/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES

9280. **Topf G, Jenkins P, Gutmann FD, et al:** Unilateral breast enlargement. A complication of an arteriovenous fistula and coincidental subclavian vein occlusion. JAMA 237(6):571–2, 7 Feb 77
AGED/ *ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ *BREAST DISEASES, etiology/ CASE REPORT/ *EDEMA, etiology/ FEMALE/ HEMODIALYSIS/ HUMAN/ KIDNEY FAILURE, CHRONIC, therapy/ *SUBCLAVIAN VEIN/ *THROMBOPHLEBITIS, complications

9281. **Töpfer-Peterson E, Lottspeich F, Henschen A:** Carbohydrate linkage site in the beta-chain of human fibrin. Hoppe Seylers Z Physiol Chem 357(11):1509–13, Nov 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AMINO SUGARS, analysis/ *CARBOHYDRATES/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, AFFINITY/ CYANOGEN BROMIDE/ *FIBRIN/ HUMAN/ HYDROLYSIS/ NEURAMINIC ACIDS, analysis/ TRYPSIN

9282. **Topliss JG:** A manual method for applying the Hansch approach to drug design. J Med Chem 20(4):463–9, Apr 77
ALCOHOL OXIDOREDUCTASES, antagonists & inhibitors/ AMPHETAMINES, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, chemical synthesis/ BENZAMIDES, pharmacodynamics/ BENZENE DERIVATIVES, chemical synthesis/ BENZENE DERIVATIVES, pharmacodynamics/ CARBONIC ANHYDRASE INHIBITORS, chemical synthesis/ *CHEMISTRY, PHARMACEUTICAL, methods/ CYCLOPROPANES, pharmacodynamics/ ESCHERICHIA COLI, drug effects/ FIBRINOLYSIS, drug effects/ GUANINE DEAMINASE, antagonists & inhibitors/ GUANINE, analogs & derivatives/ GUANINE, pharmacodynamics/ HYPOGLYCEMIC AGENTS, chemical synthesis/ INDANS, pharmacodynamics/ MITOCHONDRIA, LIVER, drug effects/ PASSIVE CUTANEOUS ANAPHYLAXIS, drug effects/ PHENETHANOLAMINE N-METHYLTRANSFERASE, antagonists & inhibitors/ PHENYLUREA COMPOUNDS, pharmacodynamics/ PHOSPHORANES, chemical synthesis/ PHOSPHORANES, pharmacodynamics/ PHOTOSYNTHESIS, drug effects/ PROPIONIC ACIDS, pharmacodynamics/ PURINONES, pharmacodynamics/ *STRUCTURE-ACTIVITY RELATIONSHIP/ SULFONAMIDES, pharmacodynamics/ XANTHINE OXIDASE, antagonists & inhibitors

9283. **Torchilin VP, Tischenko EG, Smirnov VN, et al:** Immobilization of enzymes on slowly soluble carriers. J Biomed Mater Res 11(2):223–35, Mar 77
ALDEHYDES/ CATTLE/ CHEMISTRY/ *CHYMOTRYPSIN/ *ENZYMES, IMMOBILIZED, chemical synthesis/ HEAT/ KINETICS/ METHODS/ MICROSPHERES/ POLYVINYLPYRROLIDONE/ SOLUBILITY/ TIME FACTORS

9284. **Torchinskiĭ IuM:** Khimicheskie svoĭstva metionina i ego rol' v belkakh Usp Sovrem Biol 82(6):323–37, Nov–Dec 76 (114 ref.) **(Rus)**
ACIDS/ ALKYLATING AGENTS/ AZIDES/ CHEMISTRY/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ CYTOCHROME C/ GALACTOSIDASES/ LIGHT/ METALS/ *METHIONINE/ OXIDATION-REDUCTION/ OXIDOREDUCTASES/ PANCREAS, enzymology/ PEPTIDE HYDROLASES/ PROTEINS/ QUINONES/ REVIEW/ RIBONUCLEASE

9285. **Tormey DC, Simon R, Falkson G, et al:** Evaluation of adriamycin and dibromodulcitol in metastatic breast carcinoma. Cancer Res 37(2):529–34, Feb 77
ADRIAMYCIN, administration & dosage/ ADRIAMYCIN, adverse effects/ *ADRIAMYCIN, therapeutic use/ ADULT/ AGED/ BREAST NEOPLASMS, blood/ *BREAST NEOPLASMS, drug therapy/ DIBROMODULCITOL, administration & dosage/ DIBROMODULCITOL, adverse effects/ *DIBROMODULCITOL,

therapeutic use/ DRUG ADMINISTRATION SCHEDULE/ DRUG EVALUATION/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ LEUKOPENIA, chemically induced/ MIDDLE AGE/ NEOPLASM METASTASIS/ REMISSION/ THROMBOPENIA, chemically induced/ TIME FACTORS

9286. **Tornyov A, Pavlova S:** Immunochemical studies on some spermatozoal antigens. Dokl Bolg Akad Nauk 29(5):719–22, 1976
*ACROSIN, immunology/ ACROSOME, enzymology/ ANIMAL/ *AUTOANTIBODIES/ CATTLE/ FEMALE/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, immunology/ *SPERMATOZOA, immunology/ TRYPSIN, metabolism

9287. **Török L:** Proteolytikus spermaenzymek jelentösége a fertilitásban Orv Hetil 118(13):751–3, 27 Mar 77 **(Hun)**
FEMALE/ *FERTILITY/ HUMAN/ MALE/ *PEPTIDE HYDROLASES, analysis/ PREGNANCY/ *SPERMATOZOA, enzymology/ STERILITY, MALE, enzymology

9288. **Toropov IuD:** Vnutribriushinnoe vvedenie fibrinolizina, gidrokortizona i novokaina dlia preduprezhdeniia retsidivov spaechnoĭ neprokhodimosti kishechnika. Klin Khir (7):63–6, Jul 77 (Eng. Abstr.) **(Rus)**
ADHESIONS/ CLINICAL RESEARCH/ DRUG EVALUATION/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIN, administration & dosage/ HUMAN/ *HYDROCORTISONE, administration & dosage/ INJECTIONS, INTRAPERITONEAL/ *INTESTINAL OBSTRUCTION, prevention & control/ MALE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROCAINE, administration & dosage/ RECURRENCE

9289. **Torres AR, Alvarez VL, Sanberg LB, et al:** The isolation and amino acid sequence of some thrombin produced porcine tropoelastin peptides. Adv Exp Med Biol 79:267–76, 1977
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHROMATOGRAPHY, ION EXCHANGE/ COUNTERCURRENT DISTRIBUTION/ *ELASTIN/ ELASTIN, analogs & derivatives/ PEPTIDES, isolation & purification/ SWINE/ THROMBIN, metabolism/ *TROPOELASTIN/ TROPOELASTIN, metabolism/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9290. **Toskes PP, Smith GW, Francis GM, et al:** Evidence that pancreatic proteases enhance vitamin B12 absorption by acting on curde preparations of hog gastric intrinsic factor and human gastric juice. Gastroenterology 72(1):31–6, Jan 77
ANEMIA, PERNICIOUS, complications/ ANEMIA, PERNICIOUS, physiopathology/ ANIMAL/ CHYMOTRYPSIN, pharmacodynamics/ CLINICAL RESEARCH/ FEMALE/ *GASTRIC JUICE, drug effects/ GUINEA PIGS/ HUMAN/ INTESTINAL ABSORPTION, drug effects/ INTRINSIC FACTOR, analysis/ *INTRINSIC FACTOR, therapeutic use/ *PANCREATIC DISEASES, complications/ PANCREATIC DISEASES, physiopathology/ PANCREATIC JUICE, enzymology/ *PEPTIDE HYDROLASES, therapeutic use/ SWINE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN B 12 DEFICIENCY, drug therapy/ VITAMIN B 12 DEFICIENCY, physiopathology

9291. **Toth B, Nagel D, Erickson J, et al:** Tumorigenicity of tetramethylhydrazine hydrochloride in Swiss mice. J Natl Cancer Inst 57(5):1179–83, Nov 76
*ADENOMA, chemically induced/ *ANGIOSARCOMA, chemically induced/ ANIMAL/ *CARCINOGENS/ FEMALE/ HEMANGIOMA, chemically induced/ *HYDRAZINES, toxicity/ KIDNEY NEOPLASMS, chemically induced/ *LUNG NEOPLASMS, chemically induced/ MALE/ METHYLATION/ METHYLHYDRAZINE, toxicity/ MICE/ NEOPLASMS, EXPERIMENTAL, chemically induced/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9292. **Toupin J, Leyva F, Lamoureux G:** Transformation blastique par la PHA des coelomocytes de Lumbricus terrestris Ann Immunol (Paris) 128(1–2):29–32, Jan–Mar 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ CELL ADHESION/ CELL DIFFERENTIATION/ *EARTHWORMS, cytology/ EARTHWORMS, immunology/ ENGLISH ABSTRACT/ *PLANT AGGLUTININS, pharmacodynamics/ TRYPSIN, pharmacodynamics

9293. **Tourbaf KD, Bettigole RE, Southard SA:** Infection in hemophilia. Local bleeding and prophylactic treatment. NY State J Med 76(12):2034–6, Nov 76
ADOLESCENCE/ ADULT/ CASE REPORT/ CHILD/ *HEMOPHILIA, complications/ HEMORRHAGE, prevention & control/ HUMAN/ *INFECTION, complications/ INFECTION, prevention & control/ MALE

9294. **Tournut R, Pascal JP, Frexinos J, et al:** Caractères cliniques et évolutifs des hémorrhagies digestives hautes d'origine médicamenteuse Sem Hop Paris 52(40):2283–9, 23 Nov 76 (Eng. Abstr.) **(Fre)**
ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ AGE FACTORS/ AGED/ *ANALGESICS, ANTI-INFLAMMATORY, adverse effects/ ANTICOAGULANTS, adverse effects/ *ASPIRIN, adverse effects/ ENGLISH ABSTRACT/ ESOPHAGEAL VARICES, complications/ ESOPHAGITIS, complications/ FEMALE/ GASTRITIS, complications/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HUMAN/ HYPERTENSION, PORTAL, complications/ IATROGENIC DISEASE/ MALE/ MIDDLE AGE/ PEPTIC ULCER HEMORRHAGE, complications/ PEPTIC ULCER, complications/ PROGNOSIS/ SELF MEDICATION/ SEX FACTORS

9295. **Tow DE:** Thrombus detection: here and now [editorial]. J Nucl Med 18(1):90–1, Jan 77
FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ PLASMINOGEN, diagnostic use/ PLETHYSMOGRAPHY, IMPEDANCE/ RADIONUCLIDE IMAGING/ SERUM ALBUMIN, diagnostic use/ TECHNETIUM, diagnostic use/ *THROMBOPHLEBITIS, diagnosis

9296. **Towatari T, Tanaka K, Yoshikawa D, et al:** Separation of a new protease from cathepsin B1 of rat liver lysosomes. FEBS Lett 67(3):284–8, 1 Sep 76
ANIMAL/ BENZOYLARGININE NITROANILIDE/ *CATHEPSIN, isolation & purification/ CATHEPSIN, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE/ HEMOGLOBINS/ *LIVER, enzymology/ *LYSOSOMES, enzymology/ MALE/ ORNITHINE AMINOTRANSFERASE/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ RATS

9297. **Trach BP:** Vliianie operatsii na koaguliatsionnye svoĭstva krovi u bol'nykh toksicheskim zobom Klin Khir (5):54–9, May 77 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ GOITER, blood/ *GOITER, surgery/ HUMAN

9298. **Tracy RE, Toca V:** Relationship of advanced atherosclerosis lesions to fibrous plaques in 19 location-race groups. Atherosclerosis 27(2):189–99, Jun 77
ADULT/ AGED/ AORTA, ABDOMINAL, pathology/ *ARTERIOSCLEROSIS, pathology/ ATHEROSCLEROSIS, complications/ *ATHEROSCLEROSIS, pathology/ CAUCASIAN RACE/ CENTRAL AMERICA/ COMPARATIVE STUDY/ CORONARY VESSELS, pathology/ FATTY STREAK, ARTERIAL, pathology/ FEMALE/ HUMAN/ LOUISIANA/ MALE/ MEXICO/ MIDDLE AGE/ NEGROID RACE/ NORWAY/ PHILIPPINES/ SOUTH AMERICA

9299. **Traficante LJ, Lampen JO:** Vesicle penicillinase of Bacillus licheniformis 749/C. Apparent identity with the plasma membrane enzyme. Biochim Biophys Acta 467(1):44–50, 16 May 77
*BACILLUS, enzymology/ CELL MEMBRANE, enzymology/ MOLECULAR WEIGHT/ *PENICILLINASE, isolation & purification/ PHOSPHATIDYLSERINES, analysis/ PROTOPLASTS, enzymology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9300. **Trager WF:** Enantiomeric selectivity and perturbation of product ratios as methods for studying the multiplicity of microsomal enzymes. pp. 81–98.
In: Jerina DM, ed. Drug metabolism concepts. Washington, American Chemical Society, 1977. QV 38 D7936 1976. (63 ref.)
ANIMAL/ BENZYL COMPOUNDS, metabolism/ COMPARATIVE STUDY/ ENZYME INDUCTION/ HYDROXYLATION/ IN VITRO/ KINETICS/ METHYLCHOLANTHRENE, pharmacodynamics/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ MODELS, BIOLOGICAL/ MOLECULAR CONFORMATION/ MONOGRAPH/ OXIDATION-REDUCTION/ PHENOBARBITAL, pharmacodynamics/ RATS/ REVIEW/ STEREOISOMERS/ WARFARIN, metabolism

9301. **Tranqui L, Chapel A, Suscillon M, et al:** The proteolytic action of bacterial proteases from Clostridium histolyticum on bovine fibrinogen. Biochim Biophys Acta 492(1):215–24, 27 May 77
ANIMAL/ CASEIN, analysis/ CATTLE/ CLOSTRIDIOPEPTIDASE A, analysis/ *CLOSTRIDIUM, enzymology/ CYSTEINE, pharmacodynamics/ *FIBRINOGEN, metabolism/ MICROSCOPY, ELECTRON/ *PEPTIDE HYDROLASES, metabolism/ POLYMERS/ STRUCTURE-ACTIVITY RELATIONSHIP

9302. **Trapnell JE:** The pathophysiology of acute pancreatitis and the use of trasylol in treatment.
Acta Anaesthesiol Belg 27 suppl:350–5, 1976
ACUTE DISEASE/ ADULT/ AGE FACTORS/ AGED/ BLOOD COAGULATION/ DRUG EVALUATION/ HEART, physiopathology/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ KIDNEY, physiopathology/ LUNG, physiopathology/ MIDDLE AGE/ *PANCREATITIS, drug therapy/ PANCREATITIS, enzymology/ PANCREATITIS, physiopathology/ VASCULAR RESISTANCE

9303. **Trappler B, Katz M:** Coagulation studies in long-term survivors after renal allograft transplantation [letter].
S Afr Med J 50(40):1538, 18 Sep 76
*CORONARY DISEASE, chemically induced/ *GLUCOCORTICOIDS, adverse effects/ HUMAN/ *THROMBOSIS, chemically induced

9304. **Traub RF, Brandt M, Hofmann KD:** Beeinflussung der Thrombozytenfunktion durch hormonelle Kontrazeption
Zentralbl Gynaekol 98(3):161–5, 1976 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ CHLORMADINONE, pharmacodynamics/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *CONTRACEPTIVES, ORAL, HORMONAL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MESTRANOL, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ *PLATELET AGGREGATION, drug effects

9305. **Traub WH:** Studies on neutralization of human serum bactericidal activity by sodium amylosulfate.
J Clin Microbiol 6(2):128–31, Aug 77
*AMYLOPECTIN, pharmacodynamics/ *ANTICOAGULANTS, pharmacodynamics/ *BLOOD BACTERICIDAL ACTIVITY, drug effects/ COMPLEMENT, physiology/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESCHERICHIA COLI, growth & development/ HUMAN

9306. **Treadway WJ Jr, Schultz RM:** The role of methionine-192 of the chymotrypsin active site in the binding and catalysis of mono(amino acid) and peptide substrates.
Biochemistry 15(19):4171–4, 21 Sep 76
AMINO ACIDS/ BINDING SITES/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ DIPEPTIDES/ KINETICS/ METHIONINE, analysis/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9307. **Tres Sánchez A, Muñóz JR, Fernández:** Inhibidores proteásicos del suero humano Rev Clin Esp 142(4):297–308, 31 Aug 76 (81 ref.) **(Spa)**
ALPHA MACROGLOBULINS, analysis/ ALPHA MACROGLOBULINS, blood/ *ENZYME INHIBITORS, blood/ GENETICS, HUMAN/ HUMAN/ LIVER DISEASES, enzymology/ *PEPTIDE HYDROLASES, blood/ PULMONARY EMPHYSEMA, enzymology/ REVIEW

9308. **Tria E, Scapin S, Cocco C, et al:** Insulin-sensitive adenosine 3',5'-cyclic monophosphate phosphodiesterase of hepatocyte plasma membrane. Biochim Biophys Acta 496(1):77–87, 24 Jan 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ CELL MEMBRANE, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYME ACTIVATION/ *INSULIN, pharmacodynamics/ KINETICS/ *LIVER, enzymology/ LIVER, ultrastructure/ MALE/ *PHOSPHODIESTERASES, metabolism/ PROINSULIN, pharmacodynamics/ RATS/ TRYPSIN, metabolism/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, isolation & purification/ *3',5'-CYCLIC AMP PHOSPHODIESTERASE, metabolism

9309. **Triantaphyllopoulos DC:** Physiological effects of the plasminolytic derivatives of fibrinogen.
Prog Clin Biol Res 5:121–45, 1976 (74 ref.)
*BLOOD COAGULATION/ BLOOD PLATELETS/ FACTOR V, metabolism/ FACTOR XIII, metabolism/ FIBRINOGEN, analogs & derivatives/ FIBRINOGEN, metabolism/ *FIBRINOLYTIC AGENTS, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ POLYMERS, metabolism/ PROTHROMBIN, metabolism/ REVIEW/ THROMBIN, metabolism

9310. **Triantaphyllopoulos DC, Ryan LT:** Fibrinogen and its derivatives: cofactors in the intrinsic generation of thrombin. Thromb Haemostas 35(2):305–13, 30 Apr 76
ANIMAL/ CATTLE/ FACTOR VIII, physiology/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, physiology/ *FIBRINOGEN, physiology/ HUMAN/ PROTHROMBIN, metabolism/ *THROMBIN, biosynthesis

9311. **Triolo R, Carelli E, Ramella M, et al:** La sindrome epatorenale. Minerva Med 68(26):1789–808, 26 May 77 (Eng. Abstr.) **(Ita)**
ACUTE DISEASE/ AMINOTRANSFERASES, blood/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ KIDNEY DISEASES, blood/ *KIDNEY DISEASES, diagnosis/ KIDNEY DISEASES, enzymology/ LACTATE DEHYDROGENASE, blood/ LIVER DISEASES, blood/ *LIVER DISEASES, diagnosis/ LIVER DISEASES, enzymology/ MALE/ PROTHROMBIN TIME/ SULFOBROMOPHTHALEIN, diagnostic use

9312. **Triplett DA:** Hereditary factor VII deficiency and increased contact activation time [letter]. Am J Clin Pathol 67(6):607, Jun 77
*BLOOD COAGULATION TESTS, methods/ EVALUATION STUDIES/ *HEMOPHILIA, diagnosis/ HUMAN

9313. **Tritsch D, Reinbolt J, Wittmann-Liebold B:** The primary structure of ribosomal protein S7 from Escherichia coli strains K and B. Sequence of the C-terminal region of S7K and S7B. FEBS Lett 77(1):89–93, 1 May 77
AMINO ACID SEQUENCE/ COMPARATIVE STUDY/ *ESCHERICHIA COLI, analysis/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PROTEIN

CONFORMATION/ *RIBOSOMAL PROTEINS/ RIBOSOMAL PROTEINS, isolation & purification/ SPECIES SPECIFICITY/ TRYPSIN

9314. **Trobisch H, Egbring R:** Hämostatische Defekte bei akuten myeloischen Leukämien des Erwachsenen. Pathophysiologie und Therapie
Dtsch Med Wochenschr 101(39):1430–3, 24 Sep 76 **(Ger)**
BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS/ GRANULOCYTES, enzymology/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *LEUKEMIA, MYELOBLASTIC, complications/ SEPTICEMIA, complications

9315. **Trochard MC, Vaudry H, Leboulenger F, et al:** Etude de la dégradation de l'alpha MSH radioiodée in vitro: influence de quelques inhibiteurs des enzymes protéolytiques C R Soc Biol (Paris) 170(5):1103–9, 1976 (Eng. Abstr.) **(Fre)**
ANIMAL/ BENZAMIDINES, pharmacodynamics/ *BRAIN, metabolism/ ENGLISH ABSTRACT/ KINETICS/ MERCAPTOETHANOL, pharmacodynamics/ MSH, blood/ *MSH, metabolism/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ TEMPERATURE

9316. **Troll W:** Blocking tumor promotion by protease inhibitors. pp. 41–55.
In: Magee PN, et al., ed. Fundamentals in cancer prevention. Baltimore, Univ Park Press, 1976. QZ 200 F982 1975.
ANIMAL/ CELL NUCLEUS, enzymology/ DEXAMETHASONE, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FEMALE/ GLUCOCORTICOIDS, pharmacodynamics/ MICE/ MONOGRAPH/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, enzymology/ NEOPLASMS, EXPERIMENTAL, prevention & control/ OVARY, physiology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, metabolism/ PROGESTERONE, pharmacodynamics/ SKIN NEOPLASMS, chemically induced/ SKIN NEOPLASMS, enzymology/ *SKIN NEOPLASMS, prevention & control/ SKIN, enzymology/ TETRADECANOYLPHORBOL ACETATE/ TOSYLARGININE METHYL ESTER, pharmacodynamics/ TOSYLLYSINE CHLOROMETHYL KETONE, pharmacodynamics/ TOSYLPHENYLALANYL CHLOROMETHYL KETONE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UTERUS, enzymology

9317. **Troshina VM, Abezgauz NN, Leontovich VA:** Primenenie dimetilatsetamida v kachestve krioprotektora pri zamorazhivanii granulotsitov.
Probl Gematol Pereliv Krovi 22(5):50–3, May 77 (Eng. Abstr.) **(Rus)**
*ACETAMIDES, pharmacodynamics/ *BLOOD PRESERVATION, methods/ COMPARATIVE STUDY/ *CRYOPROTECTIVE AGENTS, pharmacodynamics/ DIMETHYL SULFOXIDE, pharmacodynamics/ DRUG EVALUATION/ ENGLISH ABSTRACT/ *FREEZING/ GLYCERIN, pharmacodynamics/ *GRANULOCYTES/ HUMAN/ *LEUKOCYTES

9318. **Trowbridge IS, Nilsen-Hamilton M, Hamilton RT, et al:** Preliminary characterization of two thymus-dependent xenoantigens from mouse lymphocytes. Biochem J 163(2):211–7, 1 May 77
ANIMAL/ ANTIGENIC DETERMINANTS/ *ANTIGENS/ CELL MEMBRANE, immunology/ CHROMATOGRAPHY, AFFINITY/ MICE/ PEPTIDE HYDROLASES/ SOLUBILITY/ *T-LYMPHOCYTES, immunology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9319. **Trpin L, Molinari E, Ascari E:** Anemia emolitica microangiopatica in carcinoma prostatico
Haematologica (Pavia) 62(2):185–92, Apr 77 (Eng. Abstr.) **(Ita)**
AGED/ *ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PROSTATIC NEOPLASMS, complications

9320. **Trube-Becker E:** Bite-marks on battered children.
Z Rechtsmed 79(1):73–8, 21 Jan 77 (Eng. Abstr.)
*BATTERED CHILD SYNDROME/ *BITES AND STINGS, diagnosis/ BITES, HUMAN, complications/ *BITES, HUMAN, diagnosis/ *CHILD ABUSE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ FORENSIC MEDICINE/ GERMANY, WEST/ HEMATOMA, etiology/ HUMAN/ ILLEGITIMACY/ INFANT/ MALE

9321. **Trübestein G:** Indikationen und Ergebnisse mit Urokinase bei Gefässverschlüssen Dtsch Med Wochenschr 101(52):1919–20, 24 Dec 76 **(Ger)**
ACUTE DISEASE/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ PULMONARY EMBOLISM, drug therapy/ RETINAL VESSELS/ *THROMBOEMBOLISM, drug therapy/ THROMBOPHLEBITIS, drug therapy/ THROMBOSIS, drug therapy/ TIME FACTORS/ *UROKINASE, therapeutic use

9322. **Trübestein G, Engel C, Etzel F, et al:** Thrombolysis by ultrasound. Clin Sci Mol Med 51 Suppl 3:697s–698s, Dec 76
ANIMAL/ DOGS/ *THROMBOSIS, therapy/ TIME FACTORS/ *ULTRASONIC THERAPY

9323. **Trübestein G, Brecht T, Brecht G, et al:** Erfahrungen mit Urokinase bei chronisch arterieller Verschlusskrankheit und älteren Phlebothrombosen.
Verh Dtsch Ges Inn Med 82 Pt 2:1948–50, 1976 **(Ger)**
*ARTERIAL OCCLUSIVE DISEASES, drug therapy/ CHRONIC DISEASE/ HUMAN/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ TIME FACTORS/ UROKINASE, administration & dosage/ *UROKINASE, therapeutic use

9324. **Trübestein GK:** Urokinase als Thrombolytikum
Dtsch Med Wochenschr 102(1):28, 7 Jan 77 **(Ger)**
ANTICOAGULANTS, therapeutic use/ HUMAN/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ *THROMBOSIS, drug therapy/ *UROKINASE, therapeutic use

9325. **Truckenbrodt H:** Septische Infektionen im Kindesalter
Med Klin 72(18):779–87, 6 May 77 (27 ref.) **(Ger)**
AGE FACTORS/ BLOOD COAGULATION DISORDERS, complications/ CHILD/ CHILD, PRESCHOOL/ ENDOCARDITIS, complications/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, diagnosis/ INFANT, NEWBORN, DISEASES, etiology/ MENINGITIS, complications/ MENINGOCOCCAL INFECTIONS, diagnosis/ OSTEOMYELITIS, complications/ RESPIRATORY INSUFFICIENCY, complications/ REVIEW/ *SEPTICEMIA/ SEPTICEMIA, complications/ SEPTICEMIA, diagnosis/ SEPTICEMIA, drug therapy/ SEPTICEMIA, etiology/ SHOCK, SEPTIC, complications/ URINARY TRACT INFECTIONS, complications

9326. **Trugnan G, Bereziat G, Graisely B, et al:** Variation des acides gras plaquettaires chez des malades atherosclereux.
Clin Chim Acta 79(3):583–9, 15 Sep 77 (Eng. Abstr.) **(Fre)**
ARACHIDONIC ACIDS, blood/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ *BLOOD PLATELETS, analysis/ DIABETES MELLITUS, blood/ ENGLISH ABSTRACT/ *FATTY ACIDS, blood/ HUMAN/ HYPERLIPEMIA, blood/ LIPIDS, blood

9327. **Trumm M:** Rezidivierendes und metastasierendes Hämangioendotheliom der Kopfhaut Z Hautkr 52(6):319–20, 15 Mar 77 **(Ger)**
CASE REPORT/ FEMALE/ *HEAD AND NECK NEOPLASMS/ *HEMANGIOENDOTHELIOMA/ HUMAN/ MIDDLE AGE/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ *SCALP

9328. **Trümpi B:** Analytische Untersuchungen am delta-Endotoxin von Bacillus thuringiensis
Zentralbl Bakteriol [Naturwiss] 131(4):305–60, 1976 (Eng. Abstr.) **(Ger)**
*BACILLUS THURINGIENSIS, immunology/ *ENDOTOXINS, analysis/ ENDOTOXINS, metabolism/ ENGLISH ABSTRACT/ INTESTINAL SECRETIONS, enzymology/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, metabolism/ SPORES, BACTERIAL

9329. **Truog P, Lauffenburger AL, Gudat F, et al:** Untersuchungen zur morphologischen und funktionellen Integrität kryokonservierter Leukozyten
Schweiz Med Wochenschr 106(22):765–8, 29 May 76 (Eng. Abstr.) **(Ger)**
B-LYMPHOCYTES, immunology/ *BLOOD PRESERVATION, standards/ ENGLISH ABSTRACT/ *FREEZING, methods/ HUMAN/ *LEUKOCYTES/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, metabolism/ LYMPHOCYTES, ultrastructure/ T-LYMPHOCYTES, immunology

9330. **Truskolaski P:** Prostaglandyny w układzie krążenia.
Pol Tyg Lek 32(21):807–10, 23 May 77 **(Pol)**
ANIMAL/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION/ CORONARY CIRCULATION/ CORONARY VESSELS, drug effects/ HUMAN/ MYOCARDIAL CONTRACTION, drug effects/ MYOCARDIUM, metabolism/ PROSTAGLANDINS E, metabolism/ PROSTAGLANDINS E, pharmacodynamics/ *PROSTAGLANDINS/ PROSTAGLANDINS, blood/ SHOCK, SEPTIC, blood

9331. **Trusov OA:** Immunomorfologicheskoe izuchenie plazmorragii pri eksperimental'noĭ gipertonii u krys
Arkh Patol 38(11):17–22, 1976 **(Rus)**
ANIMAL/ *ARTERIES, pathology/ *BLOOD PROTEINS, analysis/ BRAIN, blood supply/ CORONARY VESSELS, pathology/ FIBRIN, analysis/ FIBRIN, immunology/ FIBRINOGEN, analysis/ FIBRINOGEN, immunology/ FLUORESCENT ANTIBODY TECHNIC/ *HYPERTENSION, pathology/ IMMUNE SERUMS/ KIDNEY, blood supply/ MALE/ PANCREAS, blood supply/ RATS

9332. **Trusov OA, Nanaev AK, Shekhonin BV:** Plazmorragiia v sosudakh pri eksperimental'noĭ gipertonii Kardiologiia 16(3):127–9, Mar 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD PROTEINS, metabolism/ BLOOD VESSELS, metabolism/ *BLOOD VESSELS, pathology/ *CELL MEMBRANE PERMEABILITY/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ *HYPERTENSION, pathology/ *PLASMA/ RATS

9333. **Truswell AS:** Diet in the pathogenesis of ischaemic heart disease. Postgrad Med J 52(609):424–32, Jul 76
AFRICA, EASTERN/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ *CORONARY DISEASE, etiology/ CORONARY DISEASE, metabolism/ *DIET, ATHEROGENIC/ EUROPE/ FATS, metabolism/ GREAT BRITAIN/ HUMAN/ OBESITY, complications/ SUCROSE, metabolism

9334. **Tsacopoulos M:** Physiopathologie des thromboses artérielles et veineuses rétiniennes Klin Monatsbl Augenheilkd 170(2):192–8, Feb 77 (Eng. Abstr.) **(Fre)**
CARBON DIOXIDE, metabolism/ COLLATERAL CIRCULATION/ ENGLISH ABSTRACT/ HUMAN/ OXYGEN, metabolism/ PARTIAL PRESSURE/ REGIONAL BLOOD FLOW/ RETINA, metabolism/ *RETINAL ARTERY, physiopathology/ RETINAL DISEASES, physiopathology/ *RETINAL VEIN, physiopathology/ *THROMBOSIS, physiopathology

9335. **Tsakok FH, Koh S, Ratnam SS:** Coagulation and fibrinolysis in intact hydatidiform molar pregnancy. Br Med J 2(6050):1481–4, 18 Dec 76
*BLOOD COAGULATION DISORDERS, complications/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *HYDATIDIFORM MOLE, blood/ PREGNANCY/ *UTERINE NEOPLASMS, blood

9336. **Tsang VC, Damian RT:** Demonstration and mode of action of an inhibitor for activated Hageman factor (factor XIIa) of the intrinsic blood coagulation pathway from Schistosoma mansoni. Blood 49(4):619–33, Apr 77
ANIMAL/ *ANTICOAGULANTS, isolation & purification/ BLOOD COAGULATION TESTS/ CHRISTMAS DISEASE, physiopathology/ FACTOR XI DEFICIENCY, physiopathology/ FACTOR XI, metabolism/ FACTOR XII, biosynthesis/ HUMAN/ MICE/ *SCHISTOSOMA MANSONI, analysis/ SNAKES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VENOMS, pharmacodynamics

9337. **Tsang VC, Hubbard WJ, Damian RT:** Coagulation factor XIIa (activated Hageman factor) inhibitor from adult Schistosoma mansoni. Am J Trop Med Hyg 26(2):243–7, Mar 77
ANIMAL/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION, drug effects/ ENZYME ACTIVATION/ FACTOR X/ FACTOR XI/ *FACTOR XII, antagonists & inhibitors/ FEMALE/ HEMOSTASIS/ MALE/ MICE/ MICE, INBRED C57BL/ *SCHISTOSOMA MANSONI/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9338. **Ts'ao C:** Rat platelet aggregation by ATP. Aggregometrical and ultrastructural comparison with aggregations induced by ADP and collagen. Am J Pathol 85(3):581–93, Dec 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ADENOSINE, pharmacodynamics/ ANIMAL/ APYRASE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, ultrastructure/ COLLAGEN, pharmacodynamics/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ *PLATELET AGGREGATION, drug effects/ RATS

9339. **Tsariuk NB, Bulat LM:** Koahuliatsiina systema krovi pry zatiazhnomu subfebryliteti u ditei.
Pediatr Akush Ginekol (2):14–5, Mar-Apr 77 **(Ukr)**
*BLOOD COAGULATION/ CHILD/ CHRONIC DISEASE/ COMPARATIVE STUDY/ *FEVER, physiopathology/ HUMAN/ INFECTION, physiopathology/ THROMBELASTOGRAPHY

9340. **Tsay DD, Wood WA:** 2-Keto-3-deoxy-6-phosphogluconic aldolase. Primary structure of a 50 amino acid peptide containing the azomethine-forming lysine residue.
Arch Biochem Biophys 177(1):144–56, Nov 76
*ALDEHYDE-LYASES/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ LYSINE, analysis/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHO-2-KETO-3-DEOXY-GLUCONATE ALDOLASE/ PSEUDOMONAS, enzymology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9341. **Tschesche H:** Trypsin-kallikrein inhibitors from cuttlefish (Loligo vulgaris). Methods Enzymol 45:793–7, 1976
AMINO ACIDS, analysis/ ANIMAL/ DRUG STABILITY/ *KALLIKREIN-TRYPSIN INACTIVATOR, isolation & purification/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ METHODS/ MOLECULAR WEIGHT/ MOLLUSCA

9342. **Tschesche H, Dietl T:** Trypsin-kallikrein inhibitors from snails (Helix pomatia). Methods Enzymol 45:772–85, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CROSS REACTIONS/ DISULFIDES/ DRUG STABILITY/ *HELIX (SNAILS), analysis/ *KALLIKREIN-TRYPSIN INACTIVATOR/ KALLIKREIN-TRYPSIN INACTIVATOR, isolation & purification/ METHODS/ MOLECULAR WEIGHT/ NUCLEAR MAGNETIC RESONANCE/ PROTEIN CONFORMATION/ *SNAILS, analysis/ SPECIES SPECIFICITY

9343. **Tschochner H-J:** Gutartige Nierenparenchymgeschwülste unter besonderer Berücksichtigung des Angiomyolipoms Z Aerztl Fortbild (Jena) 70(6):280–4, 15 Mar 76 **(Ger)**
CASE REPORT/ HEMANGIOMA, classification/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ KIDNEY NEOPLASMS,

classification/ *KIDNEY NEOPLASMS, radiography/ KIDNEY NEOPLASMS, surgery/ LIPOMA, classification/ *LIPOMA, radiography/ LIPOMA, surgery/ MALE/ MIDDLE AGE

9344. **Tschöpe W, Czygan P, Ritz E, et al:** Intramural hematoma of the esophagus: a complication of carbon tetrachloride intoxication with acute renal failure. Clin Nephrol 6(6):526–8, Dec 76
ADULT/ *CARBON TETRACHLORIDE POISONING, complications/ CASE REPORT/ *ESOPHAGEAL DISEASES, etiology/ *HEMATOMA, etiology/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ *KIDNEY FAILURE, ACUTE, etiology/ MALE/ *VOMITING, complications/ VOMITING, etiology

9345. **Tschopp TB, Baumgartner HR:** Enzymatic removal of ADP from plasma: unaltered platelet adhesion but reduced aggregation on subendothelium and collagen fibrils. Thromb Haemostas 35(2):334–41, 30 Apr 76
*ADENOSINE DIPHOSPHATE, physiology/ ANIMAL/ ARTERIES/ *COLLAGEN/ CREATINE KINASE/ ENDOTHELIUM/ HUMAN/ PHOSPHOCREATINE/ *PLATELET ADHESIVENESS/ *PLATELET AGGREGATION/ RABBITS

9346. **Tseng C, Hsu L:** [Studies on coagulase-negative staphylococci. II. Caseinolytic activity on skim milk heart-infusion agar and its realtion to the pathogenicity to mice] J Formosan Med Assoc 76(3):258–71, Mar 77 (Eng. Abstr.) **(Chi)**
AGAR/ ANIMAL/ *CASEIN, metabolism/ *COAGULASE, metabolism/ ENGLISH ABSTRACT/ MICE/ MILK/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, pathogenicity

9347. **Tseng LF, Loh HH:** Effects of methoxyamphetamines on the uptake and release of [3H]5-hydroxytryptamine by human blood platelets. Biochem Pharmacol 26(7):647–9, 1 Apr 77
*P-METHOXYAMPHETAMINE, pharmacodynamics/ AMPHETAMINES, metabolism/ *AMPHETAMINES, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ CHLORIMIPRAMINE, metabolism/ HUMAN/ *SEROTONIN, blood/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9348. **Tsiapalis CM:** Protein kinase and phosphoproteins of avian myeloblastosis virus. J Virol 21(3):843–8, Mar 77
*AVIAN LEUKOSIS VIRUSES, enzymology/ CASEIN, metabolism/ MOLECULAR WEIGHT/ *MYELOBLASTOSIS VIRUS, AVIAN, enzymology/ MYELOBLASTOSIS VIRUS, AVIAN, metabolism/ PEPTIDES, metabolism/ PHOSPHATES, metabolism/ *PHOSPHOPROTEINS, biosynthesis/ PROTAMINES, metabolism/ PROTEIN KINASE, isolation & purification/ *PROTEIN KINASE, metabolism/ REVERSE TRANSCRIPTASE, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VIRAL PROTEINS, biosynthesis/ VIRAL PROTEINS, metabolism

9349. **Tsimmerman IaS:** Proteoliticheskaia aktivnost' zheludochnogo soka pri iazvennoĭ bolezni i khronicheskom gastrite i vozmozhnosti ee farmakologicheskoĭ korrektsii Klin Med (Mosk) 54(7):63–8, Jul 76 (Eng. Abstr.) **(Rus)**
ANTACIDS, therapeutic use/ CHRONIC DISEASE/ COMPARATIVE STUDY/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ *GASTRIC JUICE, enzymology/ GASTRIC JUICE, secretion/ GASTRITIS, drug therapy/ *GASTRITIS, enzymology/ GUANETHIDINE, therapeutic use/ HUMAN/ PARASYMPATHOLYTICS, therapeutic use/ PEPTIC ULCER, drug therapy/ *PEPTIC ULCER, enzymology/ *PEPTIDE HYDROLASES, metabolism

9350. **Tsubura E, Yamashita T, Kobayashi M, et al:** Effect of sulfated polysaccharides on blood-borne pulmonary metastasis in rats. Gann 67(6):849–56, Dec 76
ANIMAL/ BLOOD COAGULATION, drug effects/ CHONDROITIN SULFATES, pharmacodynamics/ FEMALE/ FIBRINOLYSIS, drug effects/ *HEPATOMA/ HEPATOMA, blood/ IDOXURIDINE, metabolism/ LIPOPROTEIN LIPASE, blood/ *LUNG NEOPLASMS/ LUNG NEOPLASMS, prevention & control/ NEOPLASM METASTASIS/ *POLYSACCHARIDES, pharmacodynamics/ RATS/ SULFURIC ACID ESTERS, pharmacodynamics

9351. **Tsujita Y, Endo A:** Evidence for the presence of membrane-bound forms of acid protease in Aspergillus oryzae. Biochem Biophys Res Commun 74(1):242–7, 10 Jan 77
*ASPERGILLUS ORYZAE, enzymology/ *ASPERGILLUS, enzymology/ *CELL MEMBRANE, enzymology/ CYTOSOL, enzymology/ ENZYME ACTIVATION, drug effects/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ SOLUBILITY/ SUBCELLULAR FRACTIONS, enzymology/ TRITONS, pharmacodynamics

9352. **Tsujita Y, Endo A:** Extracellular acid protease of Aspergillus oryzae grown on liquid media: multiple forms due to association with heterogeneous polysaccharides. J Bacteriol 130(1):48–56, Apr 77
AMINO ACIDS, analysis/ ANTIGENS/ *ASPERGILLUS ORYZAE, enzymology/ *ASPERGILLUS, enzymology/ CARBOHYDRATES, analysis/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC POINT/ *ISOENZYMES, analysis/ ISOENZYMES, immunology/ ISOENZYMES, metabolism/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, immunology/ PEPTIDE HYDROLASES, metabolism/ *POLYSACCHARIDES, analysis

9353. **Tsujita Y, Endo A:** Chemical properties of the polysaccharides associated with acid protease of Aspergillus oryzae grown on solid bran media. J Biochem (Tokyo) 81(4):1063–70, Apr 77
ACETIC ACIDS/ *ASPERGILLUS ORYZAE, enzymology/ *ASPERGILLUS, enzymology/ FUNGAL PROTEINS, analysis/ GLYCOPROTEINS, analysis/ GUANIDINES/ HEXOSAMINES, analysis/ HEXOSES, analysis/ *PEPTIDE HYDROLASES, analysis/ *POLYSACCHARIDES, analysis/ PRONASE/ PROTEIN BINDING/ SODIUM HYDROXIDE/ UREA

9354. **Tsukagoshi N, Schäfer R, Franklin RM:** Structure and synthesis of a lipid-containing bacteriophage. An endolysin activity associated with bacteriophage PM2. Eur J Biochem 77(3):585–8, 1 Aug 77
BACTERIOLYSIS/ *BACTERIOPHAGES, enzymology/ CALCIUM, pharmacodynamics/ CATIONS, DIVALENT/ ENZYME INDUCTION, drug effects/ KINETICS/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDOGLYCAN/ *PSEUDOMONAS, enzymology

9355. **Tsukerman GI, Semenovskiĭ ML, Arutiunian NV, et al:** Kliniko-morfologicheskie sopostavleniia pri thromboze i nedostatochnosti proteza mitral'nogo klapana. Kardiologiia 17(5):58–65, May 77 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ *MITRAL VALVE INSUFFICIENCY, diagnosis/ MITRAL VALVE INSUFFICIENCY, etiology/ MITRAL VALVE, pathology/ *MITRAL VALVE, surgery/ PHONOCARDIOGRAPHY/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ *THROMBOSIS, diagnosis/ THROMBOSIS, etiology

9356. **Tsushko VS:** O fiziologicheskoĭ giperkoaguliatsii beremennykh Akush Ginekol (Mosk) 5:60–4, May 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PREGNANCY

9357. **Tsvetkova IV, Chemm LV:** Rol' vnutrikletochnykh proteinaz i glikozidaz v degradatsii 'bol'shogo glikoproteida', otvetstvennogo za neĭraminidagnuiu i

gemaggliutiniruiushchuiu aktivnost' virusa bolezni N'iukasla Vopr Med Khim 22(2):266–9, Mar–Apr 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ CELLS, CULTURED/ CHICK EMBRYO/ ENGLISH ABSTRACT/ *GLYCOPROTEINS, metabolism/ *GLYCOSIDE HYDROLASES, metabolism/ *HEMAGGLUTINATION, VIRAL/ HEMAGGLUTININS, VIRAL, antagonists & inhibitors/ NEURAMINIDASE, antagonists & inhibitors/ *NEURAMINIDASE, metabolism/ *NEWCASTLE DISEASE VIRUS, metabolism/ *PEPTIDE HYDROLASES, metabolism

9358. **Tsvetkova TsM:** Tunkosloĭnokhromatografsko opredeliane na niakoi proizvodni na kumarina. Vet Med Nauki 14(1):42–6, 1977 (Eng. Abstr.) **(Bul)**
*CHROMATOGRAPHY, THIN LAYER, methods/ COUMAPHOS, analysis/ *COUMARINS, analysis/ ENGLISH ABSTRACT/ WARFARIN, analysis

9359. **Tsybikov NN:** Svertyvaemost' krovi i limfy pri geterotransfuzionnom shoke u sobak Probl Gematol Pereliv Krovi 21(12):33–8, Dec 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ *BLOOD COAGULATION/ *BLOOD TRANSFUSION, adverse effects/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ HUMAN/ *LYMPH, physiology/ *SHOCK, HEMORRHAGIC, physiopathology/ TIME FACTORS/ TRANSPLANTATION, HETEROLOGOUS

9360. **Tsybyrne KA, Stovbun FI, Iagina VS, et al:** Rol'anaerobnykh Streptokokkov v etiologii ostrykh ano-rektal'nykh tromboflebitov Khirurgiia (Mosk) (6):115–8, Jun 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ *ANUS, blood supply/ ENGLISH ABSTRACT/ HUMAN/ *RECTUM, blood supply/ *STREPTOCOCCAL INFECTIONS, complications/ *THROMBOPHLEBITIS, etiology

9361. **Tuengler P, Pfleiderer G:** Enhanced heat, alkaline and tryptic stability of acetamidinated pig heart lactate dehydrogenase. Biochim Biophys Acta 484(1):1–8, 15 Sep 77
*ACETAMIDES/ CHEMISTRY/ DRUG STABILITY/ HEAT/ HYDROGEN-ION CONCENTRATION/ *LACTATE DEHYDROGENASE/ LACTATE DEHYDROGENASE, metabolism/ *MYOCARDIUM, enzymology/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ TRYPSIN, metabolism

9362. **Tulsiani DR, Buschiazzo HO, Tolbert B, et al:** Changes in plasma hydrolase activities in hereditary and streptozotocin-induced diabetes.
Arch Biochem Biophys 181(1):216–27, May 77
ALLOXAN DIABETES, metabolism/ ANIMAL/ BLOOD PLATELETS, enzymology/ COMPARATIVE STUDY/ DIABETES MELLITUS, chemically induced/ *DIABETES MELLITUS, enzymology/ DIABETES MELLITUS, familial & genetic/ GLYCOSIDE HYDROLASES, blood/ *HYDROLASES, blood/ INSULIN, pharmacodynamics/ KIDNEY, enzymology/ LEUKOCYTES, enzymology/ LIVER, enzymology/ LYSOSOMES, enzymology/ MALE/ MICE/ NITROPHENYL PHOSPHATASE, blood/ RATS/ STREPTOZOTOCIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9363. **Tumko GV:** O znachenii issledovaniia puskovykh mekhanizmov svertyvaniia krovi pri al'veokakkoze i nekotorykh drugikh zabolevaniiakh pecheni Klin Med (Mosk) 54(1):117–22, Jan 76 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION/ *ECHINOCOCCOSIS, HEPATIC, physiopathology/ ENGLISH ABSTRACT/ HUMAN/ JAUNDICE, physiopathology/ LIVER CIRRHOSIS, physiopathology/ *LIVER DISEASES, physiopathology

9364. **Tünder E, Roostar L, Poder K, et al:** The therapy of acute arterial occlusion. J Cardiovasc Surg (Torino) 18(3):273–9, May–Jun 1977
ACID-BASE IMBALANCE, etiology/ ACUTE DISEASE/ ADULT/ AGED/ AORTIC DISEASES, therapy/ ARTERIAL OCCLUSIVE DISEASES, complications/ *ARTERIAL OCCLUSIVE DISEASES, therapy/ COMPARATIVE STUDY/ EMBOLISM, therapy/ FEMALE/ HUMAN/ ISCHEMIA, therapy/ LEG, blood supply/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ THROMBOSIS, therapy/ VASCULAR SURGERY, mortality

9365. **Tunell WP:** Hemangioendothelioma of the pancreas obstructing the common bile duct and duodenum. J Pediatr Surg 11(5):827–30, Oct 76
*BILIARY TRACT DISEASES, etiology/ BILIARY TRACT DISEASES, surgery/ CASE REPORT/ *COMMON BILE DUCT/ COMMON BILE DUCT, surgery/ *DUODENAL OBSTRUCTION, etiology/ *HEMANGIOENDOTHELIOMA, complications/ HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ INFANT/ MALE/ *PANCREATIC NEOPLASMS, complications/ PANCREATIC NEOPLASMS, surgery

9366. **Tung MS:** Characterization and modification of permselective properties of apatite membranes. J Dent Res 55 Spec No:D77–85, Oct 76
*APATITES/ CALCIUM/ CHEMISTRY, PHYSICAL/ CHLORIDES/ COMPARATIVE STUDY/ HISTONES/ HYDROGEN-ION CONCENTRATION/ HYDROXYAPATITES/ MEMBRANE POTENTIALS/ *MEMBRANES, ARTIFICIAL/ MURAMIDASE/ PERMEABILITY/ PHOSPHORUS/ PROTAMINES/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9367. **Tung YC, Lee HT:** Biochemical studies on precatorine. (II) Insulinase inhibitory action of L-tryptophan and its N-methyl derivatives. J Formosan Med Assoc 75(12):681–5, Dec 76
ANIMAL/ *INSULINASE, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ *TRYPTOPHAN, analogs & derivatives/ TRYPTOPHAN, pharmacodynamics

9368. **Turczynski B, Sroczynski J, Kossman S:** Lepkosc osocza a tromboelastogram i niektore wskazniki krzepniecia krwi u chorych na miazdzyce Pol Tyg Lek 31(35):1509–12, 30 Aug 76 (Eng. Abstr.) **(Pol)**
ADULT/ AGED/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ THROMBELASTOGRAPHY

9369. **Turczyński B, Sroczyński J, Kossmann S:** Zmiany lepkości zredukowanej surowicy krwi u chorych na miażdżycę Pol Tyg Lek 31(43):1829–32, 25 OCT 76 (Eng. Abstr.) **(Pol)**
ADULT/ AGED/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE

9370. **Turczyński B, Sroczyński J, Kossmann S:** Lepkość osocza krwi u chorych na miażdżycę Pol Tyg Lek 31(33):1423–5, 16 Aug 76 (Eng. Abstr.) **(Pol)**
ALPHA GLOBULINS, analysis/ *ARTERIOSCLEROSIS, blood/ *ATHEROSCLEROSIS, blood/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HUMAN

9371. **Turczyński B, Szymaniec J:** Zmiany napięcia powierzchniowego osocza krwi pod wpływem niejonowego detergentu (olbrotolu-18) a prędkość opadania krwinek czerwonych. Pol Tyg Lek 32(30):1159–62, 25 Jul 77 (Eng. Abstr.) **(Pol)**
*BLOOD SEDIMENTATION/ BLOOD VISCOSITY, drug effects/ *DETERGENTS, pharmacodynamics/ ENGLISH ABSTRACT/ HUMAN/ *PLASMA, drug effects/ SURFACE TENSION

9372. **Turková J:** Immobilization of enzymes on hydroxyalkyl methacrylate gels. Methods Enzymol 44:66–83, 1976
*ACRYLIC RESINS/ CHYMOTRYPSIN,

metabolism/ CYANOGEN BROMIDE/ *ENZYMES, IMMOBILIZED/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MACROMOLECULAR SYSTEMS/ METHODS/ MOLECULAR WEIGHT/ PAPAIN, metabolism/ PEPSIN, metabolism/ *PEPTIDE HYDROLASES/ *POLYMETHACRYLIC ACIDS/ PROTEIN BINDING

9373. **Turner RW:** Cardiac diseases. Clin Haematol 1(3):595–617, Oct 72 (18 ref.)
ANTICOAGULANTS, therapeutic use/ ATHEROSCLEROSIS, etiology/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION/ BLOOD PLATELETS/ CORONARY DISEASE, etiology/ DRUG INTERACTIONS/ FIBRINOLYSIS/ *HEART DISEASES, complications/ HEART VALVE PROSTHESIS/ HEMOLYSIS/ HEMOSTASIS/ HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ PLATELET AGGREGATION/ PULMONARY EMBOLISM, etiology/ REVIEW/ STRESS/ THROMBOPHLEBITIS, etiology/ WARFARIN, therapeutic use

9374. **Turnheim M, Havelec L, Heiss WD, et al:** Eigenarten ischämischer Insulte bei jungen Erwachsenen
Wien Klin Wochenschr 89(4):106–10, 10 Feb 77 (Eng. Abstr.) **(Ger)**
ADULT/ AGE FACTORS/ ALCOHOLISM, complications/ ARTERIAL OCCLUSIVE DISEASES, complications/ CAROTID ARTERIES/ *CEREBROVASCULAR DISORDERS, pathology/ COMPARATIVE STUDY/ CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERLIPEMIA, complications/ MALE/ RISK/ SEX FACTORS/ THROMBOSIS, complications

9375. **Turovtseva VV, Marko OP, Altukhova SN:** Sravnitel'naia otsenka dvukh metodov opredeniia fibrinoliticheskoi aktivosti mikroorganizmov
Zh Mikrobiol Epidemiol Immunobiol (12):128–9, 1976 **(Rus)**
*BACTERIA, metabolism/ COMPARATIVE STUDY/ *FIBRINOLYSIS/ METHODS

9376. **Turpie AG:** Nonpharmacologic prophylaxis against venous thrombosis: prevention of venous thrombosis in neurosurgical patients with intermittent calf compression. pp. 165–71.
In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976.
ADOLESCENCE/ ADULT/ AGED/ AIR/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ MONOGRAPH/ NERVOUS SYSTEM DISEASES, surgery/ *PRESSURE/ *THROMBOPHLEBITIS, prevention & control

9377. **Turpie AG, Gallus A, Beattie WS, et al:** Prevention of venous thrombosis in patients with intracranial disease by intermittent pneumatic compression of the calf.
Neurology (Minneap) 27(5):435–8, May 77
ADULT/ AGED/ *BRAIN DISEASES, complications/ BRAIN NEOPLASMS, complications/ FEMALE/ HEMATOMA, SUBDURAL, complications/ HUMAN/ *LEG, blood supply/ MALE/ METHODS/ MIDDLE AGE/ *PRESSURE/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, prevention & control/ SUBARACHNOID HEMORRHAGE, complications/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control/ TIME FACTORS

9378. **Turpini R:** Su alcuni effetti emocoagulativi da terapia antifibrinolitica nella diatesi emorragica minore della cirrosi epatica Minerva Gastroenterol 22(2):153–8, Apr–Jun 76 (Eng. Abstr.) **(Ita)**
*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ *HEMORRHAGIC DIATHESIS, drug therapy/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *LIVER CIRRHOSIS, complications

9379. **Tusell J, Ortega JJ, Saenz A, et al:** Un cas de dystrophie thrombocytaire hémorragipare.
Nouv Rev Fr Hematol Blood Cells 18(1):185–7, 1977 **(Fre)**
CASE REPORT/ CHILD/ *HEMORRHAGIC THROMBOCYTHEMIA, diagnosis/ HUMAN/ MALE

9380. **Tutterová M, Mosinger B:** Enhanced lipolysis during interaction of serum and adipose tissue: its mechanism and effect of starvation. Acta Biol Med Ger 34?710:1651–8, 1975
*ADIPOSE TISSUE, metabolism/ ANIMAL/ ENZYME ACTIVATION/ FATTY ACIDS, NONESTERIFIED, metabolism/ GLYCERIN, metabolism/ *LIPID MOBILIZATION/ LIPOPROTEIN LIPASE, metabolism/ *LIPOPROTEINS, blood/ LIPOPROTEINS, metabolism/ MALE/ RATS/ *STARVATION, metabolism

9381. **Twining SS, Brecher AS:** Characterization of the interaction between chymotrypsin and heparin. Can J Biochem 55(2):134–9, Feb 77
BINDING SITES/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ ELECTROPHORESIS, DISC/ *HEPARIN/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ PROFLAVINE, pharmacodynamics/ PROTEIN BINDING

9382. **Twining SS, Brecher AS:** Identification of alpha1-acid glycoprotein, alpha2-macroglobulin and antithrombin III as components of normal and malignant human tissues.
Clin Chim Acta 75(1):143–8, 15 Feb 77
*ALPHA MACROGLOBULINS, analysis/ *ANTITHROMBINS, analysis/ HUMAN/ *NEOPLASMS, analysis/ *OROSOMUCOID, analysis

9383. **Twumasi DY, Liener IE:** Proteases from purulent sputum. Purification and properties of the elastase and chymotrypsin-like enzymes. J Biol Chem 252(6):1917–26, 25 Mar 77
AMINO ACIDS, analysis/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, isolation & purification/ CHYMOTRYPSIN, metabolism/ *EMPHYSEMA, enzymology/ GEL DIFFUSION TESTS/ HEXOSAMINES, analysis/ HEXOSES, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOENZYMES, isolation & purification/ ISOENZYMES, metabolism/ KINETICS/ *PANCREATOPEPTIDASE/ PANCREATOPEPTIDASE, isolation & purification/ PANCREATOPEPTIDASE, metabolism/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SIALIC ACIDS, analysis/ *SPUTUM, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H

9384. **Tyagi AK, Reddy TL, Venkitasubramanian TA:** Site of action of nonheme iron in the malate (flavine adenine dinucleotide) pathway of Mycobacterium phlei.
Can J Microbiol 22(7):1054–7, Jul 76
ALCOHOL OXIDOREDUCTASES, metabolism/ CELL-FREE SYSTEM/ ELECTRON TRANSPORT/ FAD, metabolism/ *IRON, metabolism/ MALATE DEHYDROGENASE, metabolism/ *MALATES, metabolism/ *MYCOBACTERIUM PHLEI, metabolism/ MYCOBACTERIUM PHLEI, enzymology/ *MYCOBACTERIUM, metabolism/ PHENANTHROLINES, pharmacodynamics/ ULTRAVIOLET RAYS/ VITAMIN K, metabolism

9385. **Tyers GF, Williams EH, Wine CR:** Letter: Superior vena cava obstruction. Ann Thorac Surg 22(2):207, Aug 76
FOREIGN BODIES, etiology/ HUMAN/ *PACEMAKER, ARTIFICIAL, adverse effects/ *THROMBOPHLEBITIS, etiology/ *VENA CAVA, SUPERIOR

9386. **Tymiński W:** Wpływ odwodnienia małymi dawkami furosemidu na niektóre parametry hemostazy.
Wiad Lek 30(12):917–9, 15 Jun 77 (Eng. Abstr.) **(Pol)**
AGED/ *BLOOD COAGULATION, drug effects/ EDEMA, drug therapy/ ENGLISH ABSTRACT/ FUROSEMIDE, administration & dosage/

*FUROSEMIDE, adverse effects/ FUROSEMIDE, therapeutic use/ HEMATOCRIT/ HUMAN/ MIDDLE AGE/ POLYCYTHEMIA, chemically induced

9387. **Tympner F, Domschke W, Rösch W, et al:** Verlauf der hydrokinetischen und ekbolen Pankreasfunktion nach akuter Pankreatitis Z Gastroenterol 14(7):684–7, Nov 76 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ADULT/ AMYLASE, secretion/ BICARBONATES, analysis/ CHOLECYSTOKININ, diagnostic use/ CHYMOTRYPSIN, secretion/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PANCREAS, secretion/ *PANCREATITIS, complications/ SECRETIN, diagnostic use/ TRYPSIN, secretion

9388. **Tyson JE, deSa DJ, Moore S:** Thromboatheromatous complications of umbilical arterial catheterization in the newborn period. Clinicopathological study. Arch Dis Child 51(10):744–54, Oct 76
AORTA, pathology/ AUTOPSY/ *CATHETERIZATION, adverse effects/ CATHETERIZATION, methods/ COMPARATIVE STUDY/ EMBOLISM, etiology/ EMBOLISM, pathology/ GESTATIONAL AGE/ HUMAN/ ILIAC ARTERY, pathology/ INFANT/ INFANT, LOW BIRTH WEIGHT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ INFARCTION, etiology/ *THROMBOSIS, etiology/ THROMBOSIS, pathology/ UMBILICAL ARTERIES, pathology

9389. **Tyszkiewicz Z, Nowosławski A, Biel J:** Effect of immunosuppressors, anticoagulants and antiphlogistic drugs on experimental Masugi glomerulonephritis: I–imuran. Pol Med Sci Hist Bull 15–16(4):339–50, Oct–Dec 76
ANIMAL/ ANTIBODY FORMATION/ AZATHIOPRINE, administration & dosage/ AZATHIOPRINE, immunology/ *AZATHIOPRINE, therapeutic use/ CELL DIVISION/ FIBRIN, metabolism/ FLUORESCENT ANTIBODY TECHNIC/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, pathology/ IGG, metabolism/ MALE/ RABBITS

U

9390. **Ubysz-Jerzmanowska K:** Toksyna błonicza. Wpływ na komórki wrażliwe, struktura i mechanizm działania Postepy Hig Med Dosw 30(6):783–814, Nov–Dec 76 **(Pol)**
*DIPHTHERIA TOXIN, metabolism/ DIPHTHERIA TOXIN, pharmacodynamics/ DIPHTHERIA TOXIN, toxicity/ MODELS, BIOLOGICAL/ MOLECULAR CONFORMATION/ *RECEPTORS, DRUG/ TRANSLATION, GENETIC, drug effects/ TRYPSIN, metabolism

9391. **Ueda T, Miyata M, Hayasaka T, et al:** [An autopsy case of thrombotic thrombocytopenic purpura (TTP) (AUTHOR'S TRANSL)] Jpn J Clin Hematol 18(1):73–80, Jan 77 (Eng. Abstr.) **(Jpn)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PURPURA, THROMBOTIC THROMBOPENIC/ PURPURA, THROMBOTIC THROMBOPENIC, pathology

9392. **Uehara S, Hirayama A:** [Study of antithrombin III in pancreatitis (author's transl)] Acta Haematol Jpn 40(2):248–54, Apr 77 (Eng. Abstr.) **(Jpn)**
ADULT/ ALPHA MACROGLOBULINS, metabolism/ ALPHA 1-ANTITRYPSIN, blood/ *ANTITHROMBINS, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PANCREATITIS, blood

9393. **Uemura T, Hanasaki N, Yano S, et al:** The fate of ACTH released from rat anterior pituitary into the incubation medium in vitro: enzymatic degradation and acid activation. Endocrinol Jpn 23(3):233–6, Jun 76
ANIMAL/ CEREBRAL CORTEX/ *CORTICOTROPIN, metabolism/ HYDROGEN-ION CONCENTRATION/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KINETICS/ LIVER EXTRACTS, pharmacodynamics/ MALE/ MEDIAN EMINENCE/ *PITUITARY GLAND, metabolism/ *PITUITARY GLAND, ANTERIOR, metabolism/ RATS/ TEMPERATURE/ TISSUE EXTRACTS, pharmacodynamics

9394. **Ueno H:** [Structure and function of tropomyosin (author's transl)] Protein Nucleic Acid Enzyme (Tokyo) 22(4):260–7, 1 Apr 77 (60 ref.) **(Jpn)**
ACTIN, analysis/ AMINO ACID SEQUENCE/ POLYMERS/ REVIEW/ *TROPOMYOSIN/ TROPOMYOSIN, analysis/ TROPOMYOSIN, isolation & purification/ TROPONIN, analysis/ TRYPSIN/ VISCOSITY

9395. **Ueno Y, Sugimoto C, Onoyama Y, et al:** Rectal injuries following radiation therapy for cervical cancer. Radiol Clin (Basel) 45(6):435–42, 1976
ADULT/ CELL DIFFERENTIATION/ *CERVIX NEOPLASMS, radiotherapy/ EPITHELIAL CELLS, pathology/ FEMALE/ HUMAN/ KINETICS/ MIDDLE AGE/ *RADIATION INJURIES/ RADIATION INJURIES, pathology/ *RECTAL DISEASES, etiology/ RECTAL DISEASES, pathology/ RECTUM, pathology/ THROMBOSIS, etiology/ TIME FACTORS

9396. **Uesaka I, Kubo S, Matsubara I, et al:** Pharmacological studies of o-chloro-alpha-[(tert.-butylamino)methyl]benzylalcohol hydrochloride (C-78), a new bronchodilator. III. Actions on the nervous systems and miscellaneous organs. Arzneim Forsch 27(7):1439–45, Jul 77
ANALGESICS AND ANTIPYRETICS/ ANESTHETICS, LOCAL/ ANIMAL/ ANTI-INFLAMMATORY AGENTS/ ANTI-ULCER AGENTS/ ANTICONVULSANTS/ ANTIEMETICS/ *BENZYL ALCOHOLS, pharmacodynamics/ *BENZYL COMPOUNDS, pharmacodynamics/ BLOOD CELLS, drug effects/ BLOOD COAGULATION, drug effects/ BLOOD SUGAR, metabolism/ BODY TEMPERATURE, drug effects/ *BRONCHODILATOR AGENTS, pharmacodynamics/ DIURESIS, drug effects/ DOGS/ ELECTROENCEPHALOGRAPHY/ EQUILIBRIUM, drug effects/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GUINEA PIGS/ IN VITRO/ MALE/ MICE/ MOTOR ACTIVITY, drug effects/ *NERVOUS SYSTEM, drug effects/ NEUROMUSCULAR JUNCTION, drug effects/ RABBITS/ RATS/ SLEEP, drug effects

9397. **Uflacker R, Tischer W, Netzer U:** Verlaufsbeobachtungen an Kindern mit Hydrozephalus und Myelodysplasie Z Aerztl Fortbild (Jena) 70(22):1157–61, 15 Nov 76 **(Ger)**
BRONCHOPNEUMONIA, diagnosis/ CHILD/ HUMAN/ *HYDROCEPHALUS, surgery/ HYDRONEPHROSIS, diagnosis/ MENINGITIS, diagnosis/ PERITONITIS, diagnosis/ POSTOPERATIVE COMPLICATIONS, diagnosis/ PULMONARY EMBOLISM, diagnosis/ SPINAL CORD DISEASES, surgery/ *SPINAL CORD, abnormalities

9398. **Ugriumov VM, Zotov IuV, Tigliev GS, et al:** Nekotorye patofiziologicheskie obosnovaniia radikal'nogo udaleniia kontuzionnykh ochagov bol'shikh polusharii golovnogo mozga. Zh Vopr Neirokhir (3):3–7, May–Jun 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADULT/ BRAIN CHEMISTRY/ BRAIN INJURIES, ACUTE, pathology/ BRAIN INJURIES, ACUTE, physiopathology/ *BRAIN INJURIES, ACUTE, surgery/ CONTUSIONS/ ENGLISH ABSTRACT/ HEMATOMA/ HUMAN/ METHODS/ MICROCIRCULATION/ MIDDLE AGE/ NECROSIS/ OXYGEN, analysis/ PIA MATER, blood supply

9399. **Ugriumova MO:** Anoreksicheskie preparaty i pervichnaia legochnaia gipertoniia Ter Arkh 40(2):126–31, 1976 (80 ref.) **(Rus)**
*AMINOREX, adverse effects/ AMINOREX, analysis/ AMINOREX, pharmacodynamics/ ANIMAL/ ANTICOAGULANTS, therapeutic use/ *APPETITE DEPRESSANTS, adverse effects/

BLOOD PRESSURE, drug effects/ DOGS/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *HYPERTENSION, PULMONARY, chemically induced/ HYPERTENSION, PULMONARY, diagnosis/ HYPERTENSION, PULMONARY, drug therapy/ MALE/ *OXAZOLES, adverse effects/ PHENTOLAMINE, therapeutic use/ PULMONARY CIRCULATION, drug effects/ RATS/ REVIEW

9400. **Uhlemann ER, TenPas JH, Lucky AW, et al:** Platelet survival and morphology in homocystinuria due to cystathionine synthase deficiency. N Engl J Med 295(23):1283–6, 2 Dec 76
ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, ultrastructure/ CELL SURVIVAL/ CHILD/ *CYSTATHIONINE BETA-SYNTHASE, deficiency/ FEMALE/ HETEROZYGOTE/ HOMOCYSTINE, blood/ *HOMOCYSTINURIA, blood/ HOMOCYSTINURIA, complications/ HOMOCYSTINURIA, familial & genetic/ HUMAN/ *HYDRO-LYASES, deficiency/ MALE/ THROMBOEMBOLISM, etiology

9401. **Uhlíř M, Přestá K, Ledvinová J, et al:** Podíl vaginálních plastických operací na výskytu tromboembolické nemoci (TEN) Cesk Gynekol 41(6):423–5, Aug 76 **(Cze)**
ADULT/ AGED/ FEMALE/ HUMAN/ HYSTERECTOMY, VAGINAL, adverse effects/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ THROMBOEMBOLISM, etiology/ *VAGINA, surgery

9402. **Uhteg LC, Lundblad RL:** The modification of tryptophan in bovine thrombin. Biochim Biophys Acta 491(2):551–7, 25 Apr 77
AMINO ACIDS, analysis/ ANIMAL/ BINDING SITES/ CATTLE/ FIBRINOGEN/ PROTEIN BINDING/ *THROMBIN/ THROMBIN, physiology/ TRYPTOPHAN, analysis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ 2-HYDROXY-5-NITROBENZYL BROMIDE

9403. **Ulevitch RJ, Morrison DC, Cochrane CG, et al:** Complement independent lipopolysaccharide (LPS) induced hypotension and disseminated intravascular coagulation: a correlation of LPS structure with in vivo and in vitro biological activities. Adv Exp Med Biol 73 PT-A:339–49, 1976 (35 ref.)
ANIMAL/ BLOOD PLATELETS, physiology/ BLOOD PRESSURE, drug effects/ COMPLEMENT 3, metabolism/ COMPLEMENT 6, metabolism/ *DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ ESCHERICHIA COLI/ HEMOLYSIS, drug effects/ HYPOTENSION, chemically induced/ *HYPOTENSION, physiopathology/ *LIPOPOLYSACCHARIDES/ NEUTROPHILS, drug effects/ NEUTROPHILS, physiology/ RABBITS/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9404. **Ul'ianov AM, Liapina LA:** Sovremennye dannye o geparine i ego biokhimicheskikh svoĭstvakh. Usp Sovrem Biol 83(1):69–85, Jan–Feb 77 (61 ref.) **(Rus)**
ANIMAL/ BIOTRANSFORMATION/ CHEMISTRY/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS/ FIBRINOLYTIC AGENTS/ HEPARIN ANTAGONISTS, analysis/ *HEPARIN/ HEPARIN, analysis/ HEPARIN, metabolism/ HEPARINOID, analysis/ HEPARINOID, pharmacodynamics/ MAST CELLS, metabolism/ MODELS, CHEMICAL/ RABBITS/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP

9405. **Ullmann U, Newman M:** Vergleichende Untersuchungen über die Pathogenitätsteste und die lipolytische Aktivität bei der Gattung Staphylococcus
Zentralbl Bakteriol [Orig A] 235(1–3):98–103, Aug 76 (Eng. Abstr.) **(Ger)**
COAGULASE, analysis/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HYDROLYSIS/ POLYSORBATES/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, pathogenicity

9406. **Ulmer WT, Islam MS, Zimmermann I:** Das überempfindliche Bronchialsystem. Med Klin 72(24):1049–62, 17 Jun 77 (76 ref.) **(Ger)**
ACETYLCHOLINE, diagnostic use/ AGE FACTORS/ ASTHMA, diagnosis/ BRONCHI, drug effects/ COLD/ GERMANY, WEST/ HISTAMINE, pharmacodynamics/ HUMAN/ PEPTIDE HYDROLASES/ PROSTAGLANDINS F, pharmacodynamics/ PULMONARY EMBOLISM, complications/ *RESPIRATORY HYPERSENSITIVITY/ RESPIRATORY HYPERSENSITIVITY, diagnosis/ RESPIRATORY HYPERSENSITIVITY, etiology/ RESPIRATORY HYPERSENSITIVITY, occurrence/ RESPIRATORY HYPERSENSITIVITY, therapy/ REVIEW/ SEROTONIN, pharmacodynamics/ SULFUR DIOXIDE

9407. **Ulrich F:** Effects of trypsin on protein synthesis in macrophages. Exp Cell Res 101(2):267–77, Sep 76
ADENOSINE TRIPHOSPHATE, metabolism/ BIOLOGICAL TRANSPORT, drug effects/ GLUCOSE, metabolism/ LEUCINE, metabolism/ *MACROPHAGES, drug effects/ MACROPHAGES, metabolism/ POLYRIBOSOMES, drug effects/ *PROTEINS, biosynthesis/ PROTEINS, metabolism/ RIBOSOMES, drug effects/ *TRYPSIN, pharmacodynamics

9408. **Umarova BA, Strukova SM, Kudriashov BA:** Faktor XIII kak stimuliator aktivnosti trombina Vopr Med Khim 22(4):562–6, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BLOOD COAGULATION, drug effects/ CATTLE/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ ENZYME ACTIVATION, drug effects/ ENZYMES, IMMOBILIZED, pharmacodynamics/ ESTERASES, metabolism/ *FACTOR XIII, pharmacodynamics/ IN VITRO/ KINETICS/ MALE/ PROTHROMBIN, pharmacodynamics/ *THROMBIN, pharmacodynamics

9409. **Umbert P, Winkelmann RK:** Granuloma annulare: direct immunofluorescence study. Br J Dermatol 95(5):487–92, Nov 76
BLOOD COAGULATION/ COMPLEMENT 3, analysis/ *FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ *GRANULOMA, immunology/ HUMAN/ HYPERSENSITIVITY, DELAYED/ IGM, analysis/ IMMUNITY, CELLULAR/ NECROBIOSIS LIPOIDICA, immunology/ SARCOIDOSIS, immunology/ *SKIN DISEASES, immunology/ SKIN, analysis

9410. **Umegaki K:** [Ten years' advances in clinical pathology. (5) Clinical hematology–Blood coagulation and fibrinolysis (author's transl)] Jpn J Clin Pathol 24(5):389–92, May 76 **(Jpn)**
*BLOOD COAGULATION TESTS/ *FIBRINOLYSIS/ HUMAN

9411. **Umegaki K:** [Clinical haematology, coagulation and fibrinolysis (author's transl)] Jpn J Clin Pathol Suppl 28:118–30, 30 Nov 76 (80 ref.) **(Jpn)**
*BLOOD COAGULATION TESTS/ *FIBRINOLYSIS/ HEMATOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ REVIEW

9412. **Umetsu T, Sanai K, Kato T:** Effects of bupranolol, a new beta-blocker, on platelet functions of rabbit and human in vitro. Thromb Haemostas 36(2):376–87, 30 Nov 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ADRENERGIC BETA RECEPTOR BLOCKADERS/ ANIMAL/ *BLOOD PLATELETS, drug effects/ COMPARATIVE STUDY/ EPINEPHRINE, pharmacodynamics/ HUMAN/ IN VITRO/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ *PROPANOLAMINES, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ RABBITS

9413. **Umezawa H:** [Research progress of secondary metabolites produced by microorganisms—enzyme inhibitors (author's transl)] Protein Nucleic Acid Enzyme (Tokyo) 21(10):776–90, Oct 76 (62 ref.) **(Jpn)**

ACTINOMYCES, metabolism/ ANIMAL/ ANTIBIOTICS, biosynthesis/ ANTIBIOTICS, ANTINEOPLASTIC, biosynthesis/ DOPAMINE BETA-HYDROXYLASE, antagonists & inhibitors/ ENZYME INHIBITORS, isolation & purification/ *ENZYME INHIBITORS, metabolism/ ENZYME INHIBITORS, pharmacodynamics/ HISTIDINE DECARBOXYLASE, antagonists & inhibitors/ KASUGAMYCIN, biosynthesis/ LEUPEPTINS, biosynthesis/ LEUPEPTINS, pharmacodynamics/ METHYLTRANSFERASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PLASMIDS/ PSEUDOMONAS, analysis/ RATS/ REVIEW/ SALICYLATES, pharmacodynamics/ 3',5'-CYCLIC AMP PHOSPHODIESTERASE, antagonists & inhibitors

9414. **Umezawa H:** Structures and activities of protease inhibitors of microbial origin. Methods Enzymol 45:678–95, 1976
AMINO ACID SEQUENCE/ CHYMOTRYPSIN, antagonists & inhibitors/ DRUG STABILITY/ ENZYME INHIBITORS, isolation & purification/ GLYCOPEPTIDES, isolation & purification/ *LEUPEPTINS/ LEUPEPTINS, isolation & purification/ LEUPEPTINS, pharmacodynamics/ *OLIGOPEPTIDES/ OLIGOPEPTIDES, isolation & purification/ OLIGOPEPTIDES, pharmacodynamics/ PANCREATOPEPTIDASE, antagonists & inhibitors/ PAPAIN, antagonists & inhibitors/ *PEPSTATINS/ PEPSTATINS, isolation & purification/ PEPSTATINS, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SPECIES SPECIFICITY/ *STREPTOMYCES, analysis/ THERMOLYSIN, antagonists & inhibitors

9415. **Umlas J:** Fibrinolysis and disseminated intravascular coagulation in open heart sergery. Transfusion 16(5):460–3, Sep–Oct 76
BLOOD CELL COUNT/ BLOOD PLATELETS/ CARDIOPULMONARY BYPASS/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ *HEART SURGERY/ TIME FACTORS

9416. **Underdown BJ, De Rose J, Plaut A:** Disulfide bonding of secretory component to a single monomer subunit in human secretory IgA. J Immunol 118(5):1816–21, May 77
CHEMISTRY/ CYANOGEN BROMIDE/ DISULFIDES/ HUMAN/ *IGA/ IGA, isolation & purification/ *IGA, SECRETORY/ IGA, SECRETORY, isolation & purification/ *IMMUNOGLOBULIN FRAGMENTS/ *IMMUNOGLOBULINS, ALPHA CHAIN/ IMMUNOGLOBULINS, ALPHA CHAIN, isolation & purification/ IMMUNOGLOBULINS, FC, isolation & purification/ *IMMUNOGLOBULINS, HEAVY CHAIN/ IMMUNOGLOBULINS, HEAVY CHAIN, isolation & purification/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ *SECRETORY COMPONENT

9417. **Ungar F, Callaghan OH, Arora RC, et al:** Subsynaptosomal localization and biochemical characterization of serotonin binding sites in the brain.
Res Commun Chem Pathol Pharmacol 15(3):409–24, Nov 76
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ BINDING SITES/ BOROHYDRIDES, pharmacodynamics/ *BRAIN, metabolism/ BRAIN, ultrastructure/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ IN VITRO/ LIPASE, pharmacodynamics/ MONOAMINE OXIDASE, metabolism/ NAD NUCLEOSIDASE, metabolism/ PAPAIN, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ PHOSPHOLIPIDS, metabolism/ RATS/ *SEROTONIN, metabolism/ SYNAPTIC MEMBRANES, enzymology/ *SYNAPTIC MEMBRANES, metabolism/ THALAMUS, ultrastructure/ TRYPSIN, pharmacodynamics/ TRYPTAMINES, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9418. **Unger BC, Green VA:** Blood lead analysis--lead loss to storage containers. Clin Toxicol 11(2):237–43, Sep 77
ADSORPTION/ BLOOD PRESERVATION/ GLASS/ HYDROGEN PEROXIDE/ *LEAD, blood/ NITRATES/ OSMOLAR CONCENTRATION/ POLYETHYLENES/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ TIME FACTORS

9419. **Unger F:** Konstruktion und tierexperimentelle Befunde mit einer neuen Form eines künstlichen Herzens: Das Ellipsoidherz Wien Klin Wochenschr [Suppl] 89 Suppl 65:1–17, 1977 (Eng. Abstr.) **(Ger)**
ANIMAL/ BIOCOMPATIBLE MATERIALS/ BLOOD PRESSURE/ CARBON DIOXIDE, blood/ CARDIAC OUTPUT/ CATTLE/ ENGLISH ABSTRACT/ EXTRACORPOREAL CIRCULATION/ FEMALE/ *HEART, ARTIFICIAL/ HEMOTHORAX, etiology/ PULMONARY VALVE INSUFFICIENCY, etiology/ THROMBOEMBOLISM, etiology

9420. **Unger JL, Bare C, Haight J:** Traumatic bilateral renal artery thrombosis. J Trauma 17(1):64–8, Jan 77
ACCIDENTS, TRAFFIC/ ADOLESCENCE/ ADULT/ AUTOPSY/ CASE REPORT/ CHILD/ FEMALE/ HUMAN/ KIDNEY, pathology/ MALE/ *RENAL ARTERY OBSTRUCTION, etiology/ RENAL ARTERY OBSTRUCTION, pathology/ RENAL ARTERY OBSTRUCTION, radiography/ *RENAL ARTERY, injuries/ RENAL ARTERY, radiography/ *THROMBOSIS, etiology/ THROMBOSIS, pathology/ THROMBOSIS, radiography

9421. **Unger M, Koepcke E:** Die isolierte Omphalovasculitis thrombotica bei marginaler Insertion–eine seltene Nabelschurkomplikation Zentralbl Gynaekol 99(4):229–33, 1977 (Eng. Abstr.) **(Ger)**
ADULT/ EMBOLISM, complications/ ENGLISH ABSTRACT/ FEMALE/ FETAL DEATH/ *FETAL DISEASES, etiology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ PREGNANCY/ THROMBOSIS, etiology/ *THROMBOSIS, pathology/ UMBILICAL ARTERIES, pathology/ *UMBILICAL CORD, blood supply/ UMBILICAL VEINS, pathology

9422. **Unger T, Struck H:** Zur Aktivitätsbestimmung von Peptidasen und Aminosäurearylamidasen
J Clin Chem Clin Biochem 14(9):449–52, Sep 76 (Eng. Abstr.) **(Ger)**
*AMINO ACID NAPHTHYLAMIDASES, blood/ ANILINE COMPOUNDS/ ENGLISH ABSTRACT/ HUMAN/ PEPTIDE FRAGMENTS/ *PEPTIDE HYDROLASES, blood/ SPECTROPHOTOMETRY, methods

9423. **Unger T, Struck H:** Aminosäure-p-nitroanilide spaltende Aktivitäten im Humanserum. Clin Chim Acta 78(1):113–20, 1 Jul 77 **(Ger)**
*AMINO ACIDS, metabolism/ AMINOPEPTIDASES, blood/ *ANILIDES, metabolism/ BUFFERS/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ METHODS/ *PEPTIDE HYDROLASES, blood/ PEPTIDE PEPTIDOHYDROLASES, blood

9424. **Unger T, Struck H:** Aminosäure-p-Nitroanilide spaltende Enzymaktivitäten der reifen menschlichen Plazenta. I. Arch Gynaekol 222(4):311–8, 8 Jul 77 (Eng. Abstr.) **(Ger)**
AMINO ACIDS, metabolism/ AMINOPEPTIDASES, analysis/ CATHEPSIN, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ NITRO COMPOUNDS, metabolism/ OXYTOCINASE, analysis/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *PLACENTA, enzymology/ PREGNANCY

9425. **Unkeless JC:** The presence of two Fc receptors on mouse macrophages: evidence from a variant cell line and differential trypsin sensitivity. J Exp Med 145(4):931–45, 1 Apr 77
ANTIGEN-ANTIBODY COMPLEX/ *BINDING SITES, ANTIBODY/ CELL LINE/ DINITROBENZENES, immunology/ ERYTHROCYTES, immunology/ IGG/ *IMMUNOGLOBULINS, FC/ IMMUNOGLOBULINS, FC, metabolism/ IMMUNOLOGIC TECHNICS/

*MACROPHAGES, immunology/ MICE/ SERUM ALBUMIN, BOVINE, immunology/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9426. **Ur A:** Analysis and interpretation of the impedance blood coagulation curve. Am J Clin Pathol 67(5):470–6, May 77
*BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ BLOOD SEDIMENTATION/ CLOT RETRACTION/ HEPARIN, pharmacodynamics/ HUMAN/ METHODS/ *PLETHYSMOGRAPHY, IMPEDANCE

9427. **Urbanitz D, Klein PJ, Mödder U, et al:** Lymphangiosis carcinomatosa mit kardiopulmonalem Schock als Leitbefund beim Magenkarzinom Leber Magen Darm 6(2):130–5, 1976 **(Ger)**
ADENOCARCINOMA, diagnosis/ ADULT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ LYMPHATIC METASTASIS/ *SHOCK, CARDIOGENIC, etiology/ *STOMACH NEOPLASMS, complications

9428. **Urech C:** Uber Kniearthrodesen. Z Unfallmed Berufskr 70(2):95–114, 1977 **(Ger)**
ACCIDENTS, TRAFFIC/ ADOLESCENCE/ ADULT/ AGED/ *ARTHRODESIS, methods/ HUMAN/ *KNEE INJURIES, surgery/ *KNEE, surgery/ MIDDLE AGE/ OSTEOMYELITIS, etiology/ POSTOPERATIVE COMPLICATIONS/ THROMBOPHLEBITIS, etiology

9429. **Urlesberger H, Henning K, Steinwender P:** Gefäbetachirurgische Aspekte bei der Tumornephrektomie Wien Med Wochenschr 126(28–31):448–52, 16 Jul 76 **(Ger)**
BRONCHOPNEUMONIA, etiology/ HUMAN/ *KIDNEY NEOPLASMS, surgery/ KIDNEY, blood supply/ *NEPHRECTOMY, methods/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ RENAL VEINS, surgery/ SHOCK, HEMORRHAGIC, etiology/ *VENAE CAVAE, surgery

9430. **Urushihara H, Takeichi M, Hakura A, et al:** Different cation requirements for aggregation of BHK cells and their transformed derivatives. J Cell Sci 22(3):685–95, Dec 76
*CALCIUM, pharmacodynamics/ CELL ADHESION/ *CELL AGGREGATION, drug effects/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ COMPARATIVE STUDY/ EDTA, pharmacodynamics/ *MAGNESIUM, pharmacodynamics/ TRYPSIN, pharmacodynamics

9431. **Urvölgyi J:** Preparing and staining of Coxiella burnetii natural phase II antigen for the microagglutination reaction. Acta Virol (Praha) 20(3):238–42, Jun 76
*AGGLUTINATION TESTS/ ANTIBODIES, BACTERIAL, analysis/ *ANTIGENS, BACTERIAL/ ANTIGENS, BACTERIAL, isolation & purification/ COXIELLA, cytology/ *COXIELLA, immunology/ HUMAN/ Q FEVER, diagnosis/ STAINS AND STAINING/ TRYPSIN

9432. **Usenko LI, Aravina LA, Kasatkina ID, et al:** Sravnitel'noe tsitmorfologicheskoe izuchenie shtammov Aspergillus terricola v protsesse biosinteza proteoliticheskikh fermentov. Mikrobiologiia 46(3):529–38, May–Jun 77 (Eng. Abstr.) **(Rus)**
*ASPERGILLUS, cytology/ ASPERGILLUS, enzymology/ ASPERGILLUS, growth & development/ AUTOLYSIS/ CELL DIFFERENTIATION/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES, biosynthesis/ TIME FACTORS

9433. **Uspenskiĭ SP, Polozhentsev SD, Shvarts IuE:** O sindrome Moshkovitsa Khirurgiia (Mosk) (8):140–1, Aug 76 **(Rus)**
CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOTIC THROMBOPENIC, physiopathology/ RUSSIAN FEDERATION (EUROPE)

9434. **Usvatova IIa, Isaev MR, Mazurina OG, et al:** Serotonin i gistamin u bol'nykh s ostroĭ arterial'noĭ neprokhodimost'iu v posleoperatsionnom periode. Anesteziol Reanimatol (3):77–81, May–Jun 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ *ARTERIAL OCCLUSIVE DISEASES, blood/ EMBOLISM, blood/ ENGLISH ABSTRACT/ *HISTAMINE, blood/ HUMAN/ ISCHEMIA, blood/ LEG, blood supply/ *POSTOPERATIVE COMPLICATIONS, blood/ *SEROTONIN, blood/ SYNDROME/ THROMBOSIS, blood/ TIME FACTORS

9435. **Uszynska-Folejewska R:** Plasminogen activators and urokinase inhibitors in the lungs of foetuses and newborns. Anaesth Resusc Intensive Ther 4(1):41–5, Jan–Mar 76
COMPARATIVE STUDY/ HUMAN/ INFANT, NEWBORN/ INFANT, PREMATURE/ *LUNG, analysis/ LUNG, embryology/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PLASMINOGEN ACTIVATORS, analysis/ *UROKINASE, antagonists & inhibitors

9436. **Uszyński M:** Rozsiane krzepnięcie wewnątrznaczyniowe w położnictwie. Ginekol Pol 48(5):437–44, May 77 (Eng Abstr.) **(Pol)**
*DISSEMINATED INTRAVASCULAR COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY/ SHWARTZMAN PHENOMENON

9437. **Uszyński M, Ryc K, Petrus E, et al:** Wykrycie elementów wód płodowych we krwi pobranej z prawej komory serca jako metoda rozpoznawania zatoru wodami płodowymi. Ginekol Pol 48(6):571–4, Jun 77 **(Pol)**
ADULT/ AMNIOTIC FLUID, analysis/ BLOOD CHEMICAL ANALYSIS/ BLOOD SPECIMEN COLLECTION/ *EMBOLISM, AMNIOTIC FLUID, diagnosis/ FEMALE/ HEART VENTRICLE/ HUMAN/ METHODS/ PREGNANCY

9438. **Uteg KH, Sander W:** Untersuchungen an Kryopräzipitaten 6. Mitteilung: Osmolalität und elektrolytische Leitfähigkeit Folia Haematol (Leipz) 103(4):589–95, 1976 **(Ger)**
BLOOD PROTEINS, analysis/ CHLORIDES, analysis/ *CRYOGLOBULINS/ ELECTRIC CONDUCTIVITY/ *FACTOR VIII/ OSMOLAR CONCENTRATION/ POTASSIUM, analysis/ SODIUM, analysis

9439. **Uteg KH, Májský A:** Uber das Vorkommen von antithrombozytären und antileukozytären Antikörpern bei Hämophilie-A-Patienten nach Transfusion von Kryopräzipitaten Folia Haematol (Leipz) 103(5):771–6, 1976 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ *ANTIBODY FORMATION/ ANTIGENS/ AUTOANTIBODIES/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *FACTOR VIII, therapeutic use/ *HEMOPHILIA, immunology/ HUMAN/ LEUKOCYTES, immunology

9440. **Utian WH:** Current status of menopause and postmenopausal estrogen therapy. Obstet Gynecol Surv 32(4):193–204, Apr 77 (91 ref.)
AGING, drug effects/ ATHEROMA, prevention & control/ BREAST NEOPLASMS, chemically induced/ CASTRATION/ CHOLELITHIASIS, chemically induced/ CLIMACTERIC, drug effects/ CORONARY DISEASE, prevention & control/ ECONOMICS, MEDICAL/ ESTROGENS, SYNTHETIC, adverse effects/ *ESTROGENS, SYNTHETIC, pharmacodynamics/ ESTROGENS, SYNTHETIC, therapeutic use/ FEMALE/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HUMAN/ HYPERLIPEMIA, chemically induced/ *MENOPAUSE, drug effects/ MIDDLE AGE/ OSTEOPOROSIS, complications/ OSTEOPOROSIS, prevention & control/ PSYCHOLOGY/ REVIEW/ RISK/ THROMBOEMBOLISM, chemically induced/ UTERINE HEMORRHAGE, chemically induced/ UTERINE NEOPLASMS, chemically induced

9441. **Utkin W, Ginters J, Balinja N:** Massnahmen zur Verhinderung von Komplikationen nach Lungenoperationen. Zentralbl Chir 102(10):629–63, 1977 (Eng. Abstr.) **(Ger)**
BREATHING EXERCISES/ EARLY

AMBULATION/ ENGLISH ABSTRACT/ EXPECTORANTS, therapeutic use/ HUMAN/ INHALATION THERAPY/ PEPTIDE HYDROLASES, therapeutic use/ *PNEUMONECTOMY/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE

9442. **Uza G:** Angiotensin II. Vascular reactivity and humoral effects. Med Interne 14(2):87–96, Apr–Jun 76
*ANGIOTENSIN II, pharmacodynamics/ *ANGIOTENSIN, analogs & derivatives/ *ANGIOTENSINOGEN, blood/ *BLOOD PRESSURE, drug effects/ *BRADYKININ, blood/ CALCIUM, urine/ CREATININE, urine/ DIET, SALT-FREE/ *HEMOSTASIS, drug effects/ HUMAN/ HYPERALDOSTERONISM, blood/ HYPERTENSION, blood/ HYPERTENSION, physiopathology/ HYPERTENSION, urine/ PLATELET ADHESIVENESS, drug effects/ POTASSIUM, urine/ *PROTEIN PRECURSORS, blood/ *RENIN, blood/ SODIUM, urine

9443. **Uzuka M, Adachi K, Iizuka H, et al:** Epidermal adenylate cyclase systems: the retention of hormone responsiveness after enzymatic separation of pure epidermis.
J Invest Dermatol 69(2):194–7, Aug 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ *ADENYL CYCLASE, metabolism/ ANIMAL/ BROMIDES, administration & dosage/ CLOSTRIDIOPEPTIDASE A, administration & dosage/ ENZYME ACTIVATION, drug effects/ EPINEPHRINE, pharmacodynamics/ HISTAMINE, pharmacodynamics/ *HISTOLOGICAL TECHNICS/ *HORMONES, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ RECEPTORS, HORMONE, drug effects/ SKIN, drug effects/ *SKIN, enzymology/ SWINE/ TRYPSIN, administration & dosage/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9444. **Uzunova AD, Ramey ER, Ramwell PW:** Arachidonate-induced thrombosis in mice: effects of gender or testosterone and estradiol administration.
Prostaglandins 13(5):995–1002, May 77
ADMINISTRATION, ORAL/ ANIMAL/ ARACHIDONIC ACIDS, administration & dosage/ *ARACHIDONIC ACIDS, pharmacodynamics/ ASPIRIN, administration & dosage/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ DELAYED-ACTION PREPARATIONS/ DRUG SYNERGISM/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ FEMALE/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ MALE/ MICE/ MODELS, BIOLOGICAL/ *RESPIRATION, drug effects/ SEX FACTORS/ TESTOSTERONE, administration & dosage/ *TESTOSTERONE, pharmacodynamics/ *THROMBOSIS, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

V

9445. **Vaage J:** Acetylsalicylsyre og prostaglandiner. Kan hemning av prostaglandinsyntese forklare virkningen av 'aspirinlignende' medikamenter Tidsskr Nor Laegeforen 92(33):1727–9, 30 Nov 76 (Eng. Abstr.) **(Nor)**
ANALGESICS AND ANTIPYRETICS, blood/ *ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL/ ASPIRIN, blood/ *ASPIRIN, pharmacodynamics/ BLOOD COAGULATION, drug effects/ CATTLE/ DEPRESSION, CHEMICAL/ DOGS/ DRUG SCREENING/ ENGLISH ABSTRACT/ GUINEA PIGS/ HUMAN/ MALE/ *PROSTAGLANDINS E, biosynthesis/ *PROSTAGLANDINS F, biosynthesis/ RABBITS

9446. **Vaage J, Gjesdal K:** Lung responses and platelet release reaction following induced intravascular platelet aggregation in the cat. Scand J Clin Lab Invest 36(7):641–8, Nov 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ *BLOOD PLATELETS, physiology/ CARDIAC OUTPUT/ CATS/ COLLAGEN, pharmacodynamics/ COMPARATIVE STUDY/ GEL DIFFUSION TESTS/ HEMATOCRIT/ LUNG, blood supply/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 4, pharmacodynamics/ PLATELET FACTOR 4, physiology/ *PULMONARY EMBOLISM, physiopathology/ VASCULAR RESISTANCE, drug effects

9447. **Vaage J, Hauge A:** Small airway constriction and closure after induced intravascular platelet aggregation.
Acta Physiol Scand 100(2):221–30, Jun 77
ANIMAL/ CATS/ COLLAGEN, administration & dosage/ COLLAGEN, pharmacodynamics/ INFUSIONS, PARENTERAL/ LUNG COMPLIANCE/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ PULMONARY EMBOLISM, chemically induced/ *PULMONARY EMBOLISM, physiopathology/ *RESPIRATION/ RESPIRATION, drug effects/ TIDAL VOLUME/ TIME FACTORS

9448. **Vacheron MJ, Guinand M, Arminjon F, et al:** Mise en évidence et séparation d'une gamma-D-glutamyl-(L)meso-diaminopimélate endopeptidase et d'une LD-carboxypeptidase exocellulaires à partir de Bacillus sphaericus 9602
Biochimie 59(1):15–21, 1977 (Eng. Abstr.) **(Fre)**
ALANINE/ BACILLUS SUBTILIS, enzymology/ *BACILLUS, enzymology/ *CARBOXYPEPTIDASES/ CARBOXYPEPTIDASES, isolation & purification/ CARBOXYPEPTIDASES, metabolism/ CELL MEMBRANE, enzymology/ DIAMINOPIMELIC ACID/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ LYSINE/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ SPECIES SPECIFICITY

9449. **Vacquier VD, Moy GW:** Isolation of bindin: the protein responsible for adhesion of sperm to sea urchin eggs.
Proc Natl Acad Sci USA 74(6):2456–60, Jun 77
ACROSOME, physiology/ *ACROSOME, ultrastructure/ ANIMAL/ CELL ADHESION/ EMBRYO, NON-MAMMALIAN/ FEMALE/ MALE/ OOCYTES, physiology/ PROTEIN BINDING/ *PROTEINS, isolation & purification/ PROTEINS, physiology/ SEA URCHINS/ SPERM-OVUM INTERACTIONS/ SPERMATOZOA, physiology/ *SPERMATOZOA, ultrastructure/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9450. **Vadász G, Kereszty M:** Uber das 'Lubliner' Syndrom. Ein Fall von generalisierter Angiomatose der Haut und Hydrocephalie Monatsschr Kinderheilkd 124(10):717–9, Oct 76 (Eng. Abstr.) **(Ger)**
CASE REPORT/ ENGLISH ABSTRACT/ *HEMANGIOMA, complications/ HUMAN/ *HYDROCEPHALUS, complications/ INFANT/ MALE/ MENTAL RETARDATION, complications/ MICROCEPHALY, complications/ *SKIN NEOPLASMS, complications/ SYNDROME

9451. **Vadász K:** Vállficamhoz társuló érsérülés.
Magy Traumatol Orthop 20(2):122–5, 1977 (Eng. Abstr.) **(Hun)**
ACCIDENTS, TRAFFIC/ AGED/ BLOOD VESSELS, injuries/ CASE REPORT/ ENGLISH ABSTRACT/ HEMATOMA, surgery/ HUMAN/ MALE/ *SHOULDER DISLOCATION, complications/ SHOULDER JOINT, blood supply/ SHOULDER JOINT, surgery/ VASCULAR SURGERY

9452. **Vadot M:** Relation débit/pression et notion de résistance. Modification de la viscosité sanguine, chute de la pression due au circuit extra-corporel Ann Anesthesiol Fr 17(12):1357–61, 1976 **(Fre)**
*BLOOD PRESSURE/ *BLOOD VISCOSITY/ BLOOD VOLUME/ *EXTRACORPOREAL CIRCULATION, adverse effects/ HEMODYNAMICS/ HUMAN/ MATHEMATICS

9453. **Vaes G, Eeckhout Y, Druetz JE:** A latent neutral protease released by bone in culture. Arch Int Physiol Biochim 84(3):666–8, 1976
ANIMAL/ *BONE AND BONES, enzymology/

MICE/ ORGAN CULTURE/ *PEPTIDE HYDROLASES, metabolism

9454. **Vafin AZ, Marochkin VS, Vlasov LI, et al:** Oslozhneniia kateterizatsii podkliuchichnoi veny i ikh profilaktika Vestn Khir 117(9):99–104, Sep 76 (Eng. Abstr.) **(Rus)**
*CATHETERIZATION, adverse effects/ ENGLISH ABSTRACT/ FOREIGN BODY MIGRATION, etiology/ HUMAN/ PLEURAL DISEASES, etiology/ PULMONARY EMBOLISM, etiology/ PUNCTURES, adverse effects/ *SUBCLAVIAN VEIN/ SUBCLAVIAN VEIN, injuries/ THROMBOSIS, etiology

9455. **Vaganova TI, Lastovetskaia LV, Strongin AIa, et al:** Biosletsificheskaia khromatografiia metalloendoproteinazy Bacillus subtilis i obnaruzhenie mnozhestvennykh form fermenta Biokhimiia 41(12):2229–36, Dec 76 (Eng. Abstr.) **(Rus)**
AMINO ACIDS, analysis/ *BACILLUS SUBTILIS, enzymology/ ENGLISH ABSTRACT/ METALLOPROTEINS, metabolism/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ THERMOLYSIN, analysis

9456. **Vahrson H, Gorges K:** Enterale und parenterale Leucovorin-Medikation nach Methotrexat-Stossbehandlung maligner Tumoren Med Klin 71(41):1720–3, 8 Oct 76 (Eng. Abstr.) **(Ger)**
ADMINISTRATION, ORAL/ BLOOD PLATELETS, drug effects/ CHORIOCARCINOMA, drug therapy/ CITROVORUM FACTOR, administration & dosage/ CITROVORUM FACTOR, adverse effects/ *CITROVORUM FACTOR, therapeutic use/ COMPARATIVE STUDY/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ LEUKOCYTES, drug effects/ METHOTREXATE, adverse effects/ *METHOTREXATE, therapeutic use/ MIDDLE AGE/ *OVARIAN NEOPLASMS, drug therapy

9457. **Vainer H, Prost-Dvojakovic RJ, Jaisson F, et al:** Studies on human platelets stored at 20–22 degrees C without agitation. Acta Haematol (Basel) 56(3):160–73, 1976
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE, blood/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ *BLOOD PRESERVATION/ BLOOD PRESERVATION, methods/ BLOOD TRANSFUSION/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ GLYCOGEN, biosynthesis/ HUMAN/ OSMOTIC PRESSURE/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3, analysis/ SEROTONIN, blood/ TEMPERATURE/ THROMBIN, pharmacodynamics/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9458. **Vainer H, Bussel A:** Glycoprotéines de surface altérées des plaquettes de leucémie myéloïde chronique Int J Cancer 19(2):143–9, 15 Feb 77 (Eng. Abstr.) **(Fre)**
ADULT/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ CELL MEMBRANE, metabolism/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSYLTRANSFERASES, blood/ GLYCOLIPIDS, blood/ *GLYCOPROTEINS, blood/ HUMAN/ *LEUKEMIA, MYELOCYTIC, blood/ MALE/ MEMBRANE PROTEINS, blood/ MIDDLE AGE/ MOLECULAR WEIGHT/ URIDINE DIPHOSPHATE GALACTOSE, blood/ URIDINE DIPHOSPHATE N-ACETYLGALACTOSAMINE, blood

9459. **Vainer H, Bussel A:** Etudes sur les glycoprotéines membranaires et la glycosylation des protéines des plaquettes dans la leucémie myéloïde chronique Nouv Rev Fr Hematol 16(3):447–54, 1976 (Eng. Abstr.) **(Fre)**
ACETYLGALACTOSAMINE, metabolism/ BINDING SITES/ *BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, metabolism/ CARBON RADIOISOTOPES/ CELL MEMBRANE, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ GALACTOSIDES, metabolism/ GLYCOLYSIS/ GLYCOPROTEINS, biosynthesis/ *GLYCOPROTEINS, metabolism/ HUMAN/ *LEUKEMIA, MYELOCYTIC, blood/ NUCLEOTIDES, metabolism/ PEPTIDES, blood/ PERIODIC ACID-SCHIFF REACTION/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION

9460. **Vainieri H, Wingard LB Jr:** Effect of warfarin on the kinetics of the vitamin K-dependent clotting factors in rats. J Pharmacol Exp Ther 201(2):507–17, May 77
ANIMAL/ *BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION FACTORS, physiology/ FACTOR IX, biosynthesis/ FACTOR IX, physiology/ FACTOR VII, biosynthesis/ FACTOR VII, physiology/ FACTOR X, biosynthesis/ FACTOR X, physiology/ INJECTIONS, INTRAVENOUS/ KINETICS/ MALE/ PROTHROMBIN TIME/ PROTHROMBIN, biosynthesis/ PROTHROMBIN, physiology/ RATS/ TIME FACTORS/ *VITAMIN K, physiology/ WARFARIN, administration & dosage/ WARFARIN, blood/ *WARFARIN, pharmacodynamics

9461. **Vaintraub IA, Bassüner R, Shutov AD:** The action of trypsin and chymotrypsin on the reserve proteins of some leguminous seeds. Nahrung 20(8–9):763–71, 1976
*CHYMOTRYPSIN, metabolism/ HYDROLYSIS/ PROTEIN DENATURATION/ *SEEDS/ SOY BEANS/ SPECIES SPECIFICITY/ *TRYPSIN, metabolism/ *VEGETABLE PROTEINS, metabolism/ VEGETABLES

9462. **Vaisrub S:** Sex determinants in heart disease [editorial]. JAMA 237(5):477, 31 Jan 77
BLOOD VISCOSITY/ FEMALE/ HEMATOCRIT/ HUMAN/ MALE/ MENOPAUSE/ MENSTRUATION/ MYOCARDIAL INFARCT, blood/ *MYOCARDIAL INFARCT, occurrence/ SEX FACTORS

9463. **Vajda T, Szabó T:** Specificity of trypsin and alpha-chymotrypsin towards neutral substrates. Acta Biochim Biophys Acad Sci Hung 11(4):287–94, 1976
*CHYMOTRYPSIN, metabolism/ KINETICS/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN, metabolism

9464. **Vakhidov VV, Kadyrov RIu:** Izmeneniia poverkhnostnykh limfaticheskikh sosudov pri porazhenii ven nizhnikh konechnostei Khirurgiia (Mosk) (5):41–5, May 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEG, blood supply/ *LYMPHATIC SYSTEM, pathology/ LYMPHOGRAPHY/ MALE/ MIDDLE AGE/ SYNDROME/ THROMBOPHLEBITIS, pathology/ VARICOSE VEINS, pathology/ *VASCULAR DISEASES, pathology

9465. **Vakhnina DA, Domanova AI, Iakovleva EB:** Riven' mikroelementiv i stan systemy zsidannia krovi u vahitnykh i rodil' Pediatr Akush Ginekol (5):33–6, Sep-Oct 76 **(Ukr)**
*BLOOD COAGULATION/ ERYTHROCYTES, analysis/ FEMALE/ HUMAN/ *POTASSIUM, blood/ *PREGNANCY/ *SODIUM, blood

9466. **Valdés M:** II. Estudio anatomopatológico de las aortas del grupo de pollos alimentado con huevos (arteriosclerosos) y su comparación con los normales Rev Esp Cardiol 29(5):377–84, Sep-Oct 76 (Eng. Abstr.) **(Spa)**
ANIMAL/ AORTA, pathology/ *ARTERIOSCLEROSIS, diagnosis/ *ATHEROSCLEROSIS, diagnosis/ ATHEROSCLEROSIS, pathology/ CHICKENS/ COMPARATIVE STUDY/ DIAGNOSIS, DIFFERENTIAL/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT

9467. **Valdes M Jr, Pascual-Leone A, O'Connor C, et al:** Estudio anatomopatologico de las aortas del grupo de pollos alimentados con huevos. Su comparacion con los normales Rev Esp Cardiol 29(4):329–36, Jul-Aug 76 (Eng. Abstr.) **(Spa)**
ANIMAL FEED/ ANIMAL/ *AORTA, pathology/ *ARTERIOSCLEROSIS, pathology/ CHICKENS/ CHOLESTEROL, DIETARY/ *DIET,

ATHEROGENIC/ *EGGS/ ENGLISH ABSTRACT

9468. **Valdés Chavarri M, Pascual-Leone A, O'Connor C:** Verificaciones acerca de la hipótesis del colesterol en la aterogénesis, con un modelo de ateromatosis alimentaria en pollos alimentados con huevos. Influencia de la insulina y antidiabéticos orales Rev Clin Esp 143(5):427–35, 15 Dec 76 (Eng. Abstr.) **(Spa)**
ANIMAL/ *ARTERIOSCLEROSIS, metabolism/ *ATHEROSCLEROSIS, metabolism/ CHICKENS/ *CHOLESTEROL, DIETARY, metabolism/ COMPARATIVE STUDY/ *DIET, ATHEROGENIC/ *DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ HYPOGLYCEMIC AGENTS, metabolism/ INSULIN, metabolism/ LIVER, metabolism

9469. **Valdés Chavarri M, Pascual-Leone A, O'Connor C:** Papel de los triglicéridos en la arterioesclerosis Rev Clin Esp 143(4):365–72, 30 Nov 76 (Eng. Abstr.) **(Spa)**
ANIMAL/ *ARTERIOSCLEROSIS, etiology/ CHICKENS/ CHOLESTEROL, analysis/ *CHOLESTEROL, DIETARY, adverse effects/ COMPARATIVE STUDY/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ *TRIGLYCERIDES, adverse effects/ TRIGLYCERIDES, analysis

9470. **Valenkevich LN:** Sostoianie vneshnesekretornoĭ funktsii podzheludochnoĭ zhelezy pri starenii cheloveka Vopr Pitan (1):11–5, May–Jun 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ *AGING/ AMYLASE, secretion/ BICARBONATES, secretion/ CHLORIDES, secretion/ ENGLISH ABSTRACT/ HUMAN/ LIPASE, secretion/ MIDDLE AGE/ *PANCREAS, secretion/ TRYPSIN INHIBITORS, secretion/ TRYPSIN, secretion

9471. **Valenkevich LN:** Funkbtsional'noe sostoianie podzheludochnoĭ zhelezy pri starenii cheloveka Klin Med (Mosk) 54(4):119–23, Apr 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *AGING/ AMYLASE, metabolism/ BICARBONATES, metabolism/ CHLORIDES, metabolism/ ENGLISH ABSTRACT/ HUMAN/ LIPASE, metabolism/ MIDDLE AGE/ PANCREAS, enzymology/ *PANCREAS, physiology/ TRYPSIN, metabolism

9472. **Valensa AO:** Funktsional'noe sostoianie podzheludochnoĭ zhelezy u bol'nykh iazvennoĭ bolezn'iu. Vrach Delo (6):89–91, Jun 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ AMYLASE, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIPASE, blood/ MALE/ MIDDLE AGE/ PANCREAS, enzymology/ *PANCREAS, physiopathology/ STOMACH ULCER, enzymology/ *STOMACH ULCER, physiopathology/ TRYPSIN INHIBITORS, blood/ TRYPSIN, blood

9473. **Valenta LJ, Michel-Béchet M:** Ultrastructure and biochemistry of thyroid carcinoma. Cancer 40(1):284–300, Jul 77
*ADENOCARCINOMA, metabolism/ *ADENOCARCINOMA, ultrastructure/ *ADENOMA, metabolism/ *ADENOMA, ultrastructure/ *CARCINOMA, metabolism/ *CARCINOMA, ultrastructure/ ENDOPLASMIC RETICULUM, ultrastructure/ HUMAN/ IODIDE PEROXIDASE, metabolism/ LYSOSOMES, ultrastructure/ MITOCHONDRIA, ultrastructure/ PEPTIDE HYDROLASES, metabolism/ THYROGLOBULIN, metabolism/ *THYROID NEOPLASMS, metabolism/ *THYROID NEOPLASMS, ultrastructure

9474. **Valenta LJ, Strosberg AD, Valenta V, et al:** Iodopeptides from human thyroglobulin. Acta Endocrinol (Kbh) 85(4):769–80, Aug 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ CHYMOTRYPSIN, pharmacodynamics/ CYANOGEN BROMIDE, pharmacodynamics/ HUMAN/ IODINE, analysis/ IODINE, isolation & purification/ *PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *THYROGLOBULIN, analysis/ THYROGLOBULIN, isolation & purification/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9475. **Valentin F, Boissieras P, Plagnol P, et al:** Résultats chirurgicaux de la transplantation rénale. A propos de 62 observations J Urol Nephrol (Paris) 82(1–2):57–72, Jan–Feb 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ BLADDER FISTULA, etiology/ CASE REPORT/ CYSTS, etiology/ ENGLISH ABSTRACT/ FEMALE/ FISTULA, etiology/ FOLLOW-UP STUDIES/ HEMATURIA, etiology/ HEMORRHAGE, etiology/ HUMAN/ ILIAC VEIN/ *KIDNEY, transplantation/ LYMPH/ MALE/ *POSTOPERATIVE COMPLICATIONS/ RENAL ARTERY STENOSIS, etiology/ SKIN DISEASES, etiology/ THROMBOSIS, etiology/ TRANSPLANTATION, HOMOLOGOUS/ URETERAL DISEASES, etiology/ URETERAL OBSTRUCTION, etiology/ URINARY FISTULA, etiology

9476. **Valentine BH, Baker JL:** Treatment of recurrent pregnancy hypertension by prophylactic anticoagulation.
Br J Obstet Gynaecol 84(4):309–11, Apr 77
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *PRE-ECLAMPSIA, prevention & control/ *PREGNANCY TOXEMIAS, prevention & control/ PREGNANCY TRIMESTER, SECOND/ PREGNANCY/ *WARFARIN, therapeutic use

9477. **Valere PE, Guillevin L, Tricot R:** Perikarditis und frischer Herzinfarkt Munch Med Wochenschr 118(38):1203–6, 17 Sep 76 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ AURICULAR FLUTTER, complications/ ENGLISH ABSTRACT/ HUMAN/ MYOCARDIAL INFARCT, blood/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, drug therapy/ PERICARDIAL EFFUSION, complications/ *PERICARDITIS, complications/ PROGNOSIS

9478. **Valeri CR, Usnr MC:** Cryobiology overview of red cell preservation: achievements and prospective.
Prog Clin Biol Res 11:55–87, 1976 (30 ref.)
ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ BLOOD PRESERVATION, methods/ BLOOD TRANSFUSION/ CALCIUM, blood/ CREATININE, blood/ CRYOPROTECTIVE AGENTS/ DIPHOSPHOGLYCERIC ACIDS, blood/ *ERYTHROCYTES/ ERYTHROCYTES, metabolism/ FREEZING/ HEMOGLOBINS, metabolism/ HUMAN/ HYPOXANTHINES, blood/ LACTATES, blood/ OXYGEN, blood/ PHOSPHATES, blood/ POTASSIUM, blood/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ URIC ACID, blood

9479. **Valeri CR:** Current concepts of blood transfusion.
J Oral Surg 35(9):707–12, Sep 77
BLOOD PLATELETS/ *BLOOD PRESERVATION/ BLOOD PRESERVATION, methods/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ BLOOD TRANSFUSION, AUTOLOGOUS/ BLOOD VOLUME/ CITRATES/ ECONOMICS/ ERYTHROCYTES, cytology/ ERYTHROCYTES, physiology/ FREEZING/ GLUCOSE/ HEART DISEASES, etiology/ HEMOGLOBINS/ HEPARIN/ HEPATITIS B ANTIGENS, analysis/ HEPATITIS, transmission/ HUMAN/ MALARIA, transmission/ PHOSPHATES/ SHOCK, therapy/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9480. **Valle KJ, Otnaess AB, Prydz H:** Inhibition of the synthesis of phospholipase C in Bacillus cereus by a component of the growth medium.
Acta Pathol Microbiol Scand [B] 85(3):219–26, Jun 77
*BACILLUS CEREUS, enzymology/ CHLORAMPHENICOL, pharmacodynamics/ *CULTURE MEDIA/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, pharmacodynamics/ *PHOSPHOLIPASE, biosynthesis/ TISSUE EXTRACTS, pharmacodynamics

9481. **Vallee RB, Borisy GG:** Removal of the projections from cytoplasmic microtubules in vitro by digestion with trypsin. J Biol Chem 252(1):377–82, 10 Jan 77
ANIMAL/ BRAIN, ultrastructure/ CYTOPLASM, ultrastructure/ MACROMOLECULAR SYSTEMS/ MICROSCOPY, ELECTRON/ *MICROTUBULES, ultrastructure/ MOLECULAR WEIGHT/ NERVE TISSUE PROTEINS, analysis/ PROTEIN BINDING/ SWINE/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9482. **Valles J, Aznar J, Santos MT:** Effect of aspirin on platelet phospholipids. Thromb Haemostas 36(3):628–33, 31 Dec 76
ADULT/ *ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ FEMALE/ HUMAN/ MALE/ PHOSPHATIDYLCHOLINES, blood/ *PHOSPHOLIPIDS, blood/ PLATELET AGGREGATION, drug effects/ SPHINGOMYELINS, blood

9483. **Valles J, Aznar J, Santos MT:** Estudio de los ácidos grasos de los fosfolipidos de las plaquetas Sangre (Barc) 22(2):210–8, 1977 (Eng. Abstr.) **(Spa)**
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, analysis/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ *FATTY ACIDS, blood/ HUMAN/ METHODS/ MIDDLE AGE/ *PHOSPHOLIPIDS, blood

9484. **Vallini A, Candi L, Davi D:** Un nuovo test nella diagnostica delle epatopatie. L'Epato-Quick Quad Sclavo Diagn 12(1):67–78, Mar 76 (Eng. Abstr.) **(Ita)**
*BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HUMAN/ *LIVER DISEASES, diagnosis/ LIVER FUNCTION TESTS/ PROTHROMBIN TIME

9485. **Vallner JJ, Perrin JH, Wold S:** Comparison of graphical and computerized methods for calculating binding parameters for two strongly bound drugs to human serum albumin. J Pharm Sci 65(8):1182–7, Aug 76
BINDING SITES, drug effects/ *BISHYDROXYCOUMARIN, metabolism/ COMPARATIVE STUDY/ COMPUTERS/ *FENOPROFEN, metabolism/ HUMAN/ KINETICS/ LIGANDS/ *PHENYLPROPIONATES, metabolism/ *PROTEIN BINDING/ *SERUM ALBUMIN

9486. **Vallner JJ:** Binding of drugs by albumin and plasma protein. J Pharm Sci 66(4):447–65, Apr 77 (268 ref.)
ADULT/ ANALGESICS, ANTI-INFLAMMATORY, blood/ ANESTHETICS, LOCAL, blood/ ANTI-INFECTIVE AGENTS, blood/ ANTICOAGULANTS, blood/ ANTICONVULSANTS, blood/ ANTIHYPERTENSIVE AGENTS, blood/ ANTINEOPLASTIC AGENTS, blood/ BARBITURATES, blood/ BINDING, COMPETITIVE/ *BLOOD PROTEINS, metabolism/ CARDIAC GLYCOSIDES, blood/ CATECHOLAMINES, blood/ DIURETICS, blood/ *DRUGS, blood/ FATTY ACIDS, NONESTERIFIED, pharmacodynamics/ FEMALE/ HUMAN/ HYPOGLYCEMIC AGENTS, blood/ IN VITRO/ INFANT, NEWBORN/ KIDNEY DISEASES, blood/ KINETICS/ LIVER DISEASES, blood/ PREGNANCY/ PROTEIN BINDING/ PSYCHOTROPIC DRUGS, blood/ QUINIDINE, blood/ REVIEW/ SERUM ALBUMIN, deficiency/ *SERUM ALBUMIN, metabolism/ STEROIDS, blood

9487. **Vallotton MB:** Physiopathologie de l'hypertension artérielle. Rôle du système nerveux et des hormones Schweiz Med Wochenschr 106(50):1766–72, 11 Dec 76 (Eng. Abstr.) **(Fre)**
ALDOSTERONE, metabolism/ ANIMAL/ BRADYKININ, metabolism/ *BRAIN, physiopathology/ CATECHOLAMINES/ ENGLISH ABSTRACT/ *HORMONES, physiology/ HUMAN/ HYPERALDOSTERONISM, physiopathology/ *HYPERTENSION, physiopathology/ HYPERTENSION, RENAL, physiopathology/ KALLIKREIN, metabolism/ PROSTAGLANDINS, metabolism/ RATS/ RECEPTORS, ANGIOTENSIN/ RENIN, metabolism/ SHEEP/ SYMPATHETIC NERVOUS SYSTEM, physiopathology

9488. **Valu G, Szabó G:** Proteolytic activity of subcellular fractions from Streptomyces griseus no. 45–H. Acta Biol Acad Sci Hung 27(2–3):171–5, 1976
CELL DIVISION/ CHLOROMERCURIPHENYLSULFONATE, pharmacodynamics/ EDTA, pharmacodynamics/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PHENYLMETHYLSULFONYL FLUORIDE, pharmacodynamics/ RIBOSOMES, metabolism/ SPORES, BACTERIAL, enzymology/ *STREPTOMYCES GRISEUS, enzymology/ STREPTOMYCES GRISEUS, growth & development/ STREPTOMYCES GRISEUS, ultrastructure/ SUBCELLULAR FRACTIONS, enzymology

9489. **Van Alphen PJ, De Jong CA, Merkus FW:** Ervaringen met de intraveneuze toedieningsvorm van maprotiline (Ludiomil). Ned Tijdschr Geneeskd 121(28):1142, 9 Jul 77 **(Dut)**
*ANTHRACENES, administration & dosage/ HUMAN/ *INJECTIONS, INTRAVENOUS, adverse effects/ *MAPROTILINE, administration & dosage/ MAPROTILINE, adverse effects/ *THROMBOPHLEBITIS, chemically induced

9490. **Van Baelen H, Bouillon R, De Moor P:** Binding of 25-hydroxycholecalciferol in tissues. J Biol Chem 252(8):2515–8, 25 Apr 77
ANIMAL/ *CARRIER PROTEINS, metabolism/ CELL LINE/ CYTOSOL, metabolism/ HYDROXYCHOLECALCIFEROLS, blood/ *HYDROXYCHOLECALCIFEROLS, metabolism/ KIDNEY, metabolism/ MUSCLES, metabolism/ ORGAN SPECIFICITY/ RATS/ RIBONUCLEASE/ TRYPSIN

9491. **van Bergen TJ, Kellogg RM:** A crown ether NAD(P)H mimic. Complexation with cations and enhanced hydride donating ability toward sulfonium salts [letter]. J Am Chem Soc 99(11):3882–4, 25 May 77
CHELATING AGENTS/ CHEMISTRY/ *ETHERS, CYCLIC/ MODELS, CHEMICAL/ *NADP/ SULFONIUM COMPOUNDS/ TRYPSIN

9492. **van Beynum GM, de Graaf JM, Castel A, et al:** Structural studies on the coat protein of alfalfa mosaic virus. The complete primary structure. Eur J Biochem 72(1):63–78, 3 Jan 77
ALFALFA/ AMIDES, analysis/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *MOSAIC VIRUSES, analysis/ PEPTIDE FRAGMENTS, analysis/ *PLANT VIRUSES, analysis/ TRYPSIN/ *VIRAL PROTEINS

9493. **Van Biervliet JP, Hendrickx G, Kramer P:** Infantile cortical hyperostosis. Caffey disease. Acta Paediatr Belg 29(3):185–8, Jul-Sep 76
CASE REPORT/ HUMAN/ *HYPEROSTOSIS, CORTICAL CONGENITAL, complications/ HYPEROSTOSIS, CORTICAL CONGENITAL, immunology/ IGM/ INFANT, NEWBORN/ *THROMBOCYTOSIS, complications

9494. **van Caillie M, Morin CL, Roy CC, et al:** Reye's syndrome: relapses and neurological sequelae. Pediatrics 59(2):245–9, Feb 77
ALANINE AMINOTRANSFERASE, blood/ BIOPSY/ CEREBELLAR ATAXIA, diagnosis/ CHILD/ CHILD, PRESCHOOL/ COMA, diagnosis/ ELECTROENCEPHALOGRAPHY/ EPILEPSY, diagnosis/ FATTY LIVER, pathology/ FEMALE/ HUMAN/ INFANT/ LIVER, pathology/ MALE/ PROTHROMBIN TIME/ RECURRENCE/ *REYE'S SYNDROME, diagnosis/ REYE'S SYNDROME, familial & genetic/ VIRAL VACCINES, adverse effects

9495. **Van Damme W, Capesius P, Ammerich H, et al:** Orbital phlebography. J Belge Radiol 59(6):507–19, Nov-Dec 76
ADULT/ CASE REPORT/ DERMOID CYST, diagnosis/ EXOPHTHALMOS, diagnosis/ EYE

NEOPLASMS, diagnosis/ EYE/ FEMALE/ HUMAN/ LACRIMAL APPARATUS/ MALE/ MENINGIOMA, diagnosis/ MIDDLE AGE/ MUCOCELE, diagnosis/ ORBITAL NEOPLASMS, diagnosis/ *PHLEBOGRAPHY, methods/ THROMBOPHLEBITIS, diagnosis

9496. **Van de Berg L:** Traitement chirurgical des thrombophlébites emboligènes des membres inférieurs Rev Med Liege 32(5):129–44, 1 Mar 77 **(Fre)**
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOPHLEBITIS, surgery

9497. **van de Loo J:** Welche Indikationen zur Thrombolysetherapie haben sich bewährt? ZFA (Stuttgart) 53(15):855–60, 31 May 77 **(Ger)**
EVALUATION STUDIES/ FIBRINOLYTIC AGENTS, adverse effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ PULMONARY EMBOLISM, drug therapy/ *THROMBOSIS, drug therapy

9498. **Van De Putte LB, Hegt VN, Overbeek TE:** Activators and inhibitors of fibrinolysis in rheumatoid and nonrheumatoid synovial membranes. A histochemical study. Arthritis Rheum 20(2):671–8, Mar 77
*ARTHRITIS, RHEUMATOID, metabolism/ ARTHRITIS, RHEUMATOID, pathology/ *FIBRINOLYSIS/ HISTOCYTOCHEMISTRY/ HUMAN/ PLASMINOGEN ACTIVATORS, physiology/ *SYNOVIAL MEMBRANE, metabolism/ SYNOVIAL MEMBRANE, pathology

9499. **Van de Vyver G, Buscema M:** Influence of trypsin and concanavalin A on sponge cell aggregation. Arch Biol (Liege) 87(2):245–59, 1976
ANIMAL/ *CELL AGGREGATION, drug effects/ *CONCANAVALIN A, pharmacodynamics/ *PORIFERA, cytology/ PORIFERA, drug effects/ *TRYPSIN, pharmacodynamics

9500. **van de Werve G, Hue L, Hers HG:** Hormonal and ionic control of the glycogenolytic cascade in rat liver. Biochem J 162(1):135–42, 15 Jan 77
ANIMAL/ CALCIUM, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYME ACTIVATION, drug effects/ EGTA, pharmacodynamics/ GLUCAGON, pharmacodynamics/ GLYCOGEN PHOSPHORYLASE, metabolism/ HISTONE KINASE, metabolism/ INSULIN, pharmacodynamics/ LIVER, cytology/ *LIVER, enzymology/ MALE/ PHENYLEPHRINE, pharmacodynamics/ *PHOSPHORYLASE KINASE, metabolism/ RATS/ TRYPSIN, pharmacodynamics

9501. **VandeBerg JL, Johnston PG:** A simple technique for long-term storage of erythrocytes for enzyme electrophoresis. Biochem Genet 15(3–4):213–5, Apr 77
ANIMAL/ *BLOOD PRESERVATION, methods/ DRUG STABILITY/ ELECTROPHORESIS, STARCH GEL/ *ERYTHROCYTES, enzymology/ ERYTHROCYTES, ultrastructure/ FREEZING/ ISOENZYMES, blood/ KANGAROOS/ PHOSPHOGLYCERATE KINASE, blood/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VARIATION (GENETICS)

9502. **Vandekerckhove J, Rombauts W, Wittman Liebold B:** The primary structure of protein S16 from Escherichia coli ribosomes. FEBS Lett 73(1):18–21, 15 Jan 77
AMINO ACID SEQUENCE/ *BACTERIAL PROTEINS/ CHYMOTRYPSIN/ *ESCHERICHIA COLI, analysis/ PEPTIDE FRAGMENTS, analysis/ *RIBOSOMAL PROTEINS/ RIBOSOMES, analysis

9503. **Van den Berg A, Van den Hende-Timmer L, Hofsteenge J, et al:** Guinea-pig pancreatic ribonucleases. Isolation, properties, primary structure and glycosidation. Eur J Biochem 75(1):91–100, 2 May 77
AMINO ACID SEQUENCE/ ANIMAL/ CARBOHYDRATES, analysis/ GUINEA PIGS/ *ISOENZYMES/ ISOENZYMES, isolation & purification/ ISOENZYMES, metabolism/ *PANCREAS, enzymology/ PAPAIN/ PEPTIDE FRAGMENTS, analysis/ *RIBONUCLEASE/ RIBONUCLEASE, isolation & purification/ RIBONUCLEASE, metabolism/ THERMOLYSIN/ TRYPSIN

9504. **Vandeput JJ, Shapiro MA, Tanner JC Jr:** Beschouwingen bij 'haar-transplantaties' Acta Chir Belg 75(6):567–73, 1976 (Eng. Abstr.) **(Dut)**
ALOPECIA, etiology/ *ALOPECIA, surgery/ BACTERIAL INFECTIONS, prevention & control/ COLD/ ENGLISH ABSTRACT/ FEMALE/ *HAIR, transplantation/ HEMATOMA, prevention & control/ HUMAN/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ SURGICAL WOUND INFECTION, prevention & control

9505. **Van der Mast C, Thomas A, Goumans H, et al:** Initiation of protein synthesis in eukaryotes. Binding to Sepharose-heparin and partial purification of initiation factors from Krebs II ascites cells. Eur J Biochem 75(2):455–64, 16 May 77
ANIMAL/ BINDING SITES/ *CARCINOMA, KREBS 2, metabolism/ CHROMATOGRAPHY, AFFINITY/ GUANOSINE TRIPHOSPHATE, metabolism/ HEPARIN, pharmacodynamics/ KINETICS/ METHIONINE/ *PEPTIDE CHAIN INITIATION/ PEPTIDE CHAIN INITIATION, drug effects/ *PEPTIDE INITIATION FACTORS/ PEPTIDE INITIATION FACTORS, isolation & purification/ POTASSIUM CHLORIDE, pharmacodynamics/ PUROMYCIN, metabolism/ RABBITS/ RETICULOCYTES, metabolism/ RIBOSOMES, metabolism/ RNA, TRANSFER, metabolism

9506. **Van Der Molen HR:** L'emploi du sonar Doppler dans l'examen de letendue des angiomes veineus Phlebologie 29(1):9–15, Jan-Mar 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ANEURYSM, diagnosis/ ARM, blood supply/ ARTERIOVENOUS FISTULA, diagnosis/ ARTERIOVENOUS MALFORMATIONS, diagnosis/ CASE REPORT/ ENGLISH ABSTRACT/ FOOT, blood supply/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ KLIPPEL-TRENAUNAY DISEASE, diagnosis/ MALE/ MIDDLE AGE/ THIGH, blood supply/ *ULTRASONICS, diagnostic use/ *VEINS

9507. **Van der Molen HR:** Association d'angiomes et d'anomalies osseuses en dehors de la maladie de Klippel-Trénaunay Phlebologie 29(1):25–32, Jan-Mar 76 (Eng. Abstr.) **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ ANGIOMATOSIS, complications/ *BONE AND BONES, abnormalities/ CASE REPORT/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, complications/ HUMAN/ LIP NEOPLASMS, complications/ MALE/ MIDDLE AGE/ OCCIPITAL BONE/ OSTEOMA, complications/ SKULL NEOPLASMS, complications/ SYNDACTYLIA, complications/ TELANGIECTASIS, complications/ TIBIA/ TOES, abnormalities/ VARICOSE VEINS, complications

9508. **van der Schans GS, Veenhoven WA, Snijder JA, et al:** The detection of platelet isoantibodies by membrane immunofluorescence. J Lab Clin Med 90(1):4–10, Jul 77
ANTI-ANTIBODIES/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ CELL MEMBRANE, immunology/ CHROMATOGRAPHY, GEL/ COMPARATIVE STUDY/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HL-A/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ *ISOANTIBODIES, analysis/ METHODS/ PHAGOCYTOSIS/ PLATELET AGGREGATION/ PLATELET FACTOR 3/ SEROTONIN, blood

9509. **Vandervliet SK:** Papillophlebitis associated with systemic thrombophlebitis: case report. Ann Ophthalmol 9(2):171–4, Feb 77
ADULT/ BREAST, blood supply/ CASE REPORT/ EYE DISEASES, drug therapy/ *EYE DISEASES, etiology/ FLUORESCENCE ANGIOGRAPHY/ HUMAN/ MALE/ *OPTIC DISK/ *PHLEBITIS, diagnosis/ PHLEBITIS, drug therapy/ PREDNISONE, therapeutic use/ *RETINAL VEIN/ *THROMBOPHLEBITIS, complications

9510. **VanderWerf BA, Kumar SS, Rattazzi LC, et al:** Long-term

follow-up of bovine graft arteriovenous fistulas. Rev Interam Radiol 6:85–8, 19–22 Nov 76
ADOLESCENCE/ ADULT/ AGED/ ANEURYSM, etiology/ ANIMAL/ *ARTERIES, transplantation/ *ARTERIOVENOUS SHUNT, SURGICAL, methods/ CATTLE/ CHILD/ FEMALE/ HEART FAILURE, CONGESTIVE, etiology/ *HEMODIALYSIS/ HUMAN/ MALE/ MIDDLE AGE/ REGIONAL BLOOD FLOW/ THROMBOSIS, etiology/ *TRANSPLANTATION, HETEROLOGOUS/ VEINS, transplantation

9511. **Van Dijk PM, Kleine JW:** The transfusion reaction in anesthesiological practice. Acta Anaesthesiol Belg 27(4):247–54, 1976
ANESTHESIA/ ABO BLOOD-GROUP SYSTEM/ BLOOD GROUP INCOMPATIBILITY, etiology/ *BLOOD TRANSFUSION, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ KIDNEY FAILURE, ACUTE, etiology/ RH-HR BLOOD-GROUP SYSTEM

9512. **van Dijk-Wierda CA, Hermans J, Loeliger EA, et al:** Interlaboratory oral anticoagulant quality assessment by the Netherlands Federation of Thrombosis Services. Thromb Haemostas 37(3):509–22, 30 Jun 77
*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ METHODS/ NETHERLANDS/ QUALITY CONTROL

9513. **van Doorm JM, Muller AD, Hemker HC:** Heparin-like inhibitor, not vitamin-K deficiency, in the newborn [letter]. Lancet 1(8016):852–3, 16 Apr 77
ALPHA MACROGLOBULINS, analysis/ ALPHA 1-ANTITRYPSIN, analysis/ ANTITHROMBINS, analysis/ BLOOD COAGULATION FACTORS, analysis/ FETAL BLOOD, analysis/ *HEPARIN ANTAGONISTS, blood/ HUMAN/ INFANT, NEWBORN/ PROTHROMBIN, analysis/ *VITAMIN K DEFICIENCY, blood

9514. **van Eerd JP, Takahashi K:** Amino acid sequence and calcium binding sites of bovine cardiac troponin-C. pp. 427–30.

In: Carafoli E, et al., ed. Calcium transport in contraction and secretion. Amsterdam, North-Holland, 1975. QV 276 I61c 1975.
AMINO ACID SEQUENCE/ ANIMAL/ BINDING SITES/ *CALCIUM, metabolism/ CATTLE/ CYANOGEN BROMIDE/ MONOGRAPH/ *MUSCLE PROTEINS/ MUSCLE PROTEINS, metabolism/ *MYOCARDIUM, metabolism/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ *TROPONIN/ TROPONIN, analysis/ TROPONIN, metabolism/ TRYPSIN

9515. **Vang J, Simert G, Hansson JA, et al:** Results of a modified distal spleno-renal shunt for portal hypertension. Ann Surg 185(2):224–8, Feb 77
ADULT/ AGED/ ASCITES/ BRAIN DISEASES, etiology/ ESOPHAGEAL VARICES, etiology/ ESOPHAGEAL VARICES, therapy/ FEMALE/ FOLLOW-UP STUDIES/ HEMODYNAMICS/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ HYPERSPLENISM/ HYPERTENSION, PORTAL, complications/ HYPERTENSION, PORTAL, mortality/ *HYPERTENSION, PORTAL, surgery/ LIVER, blood supply/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *RENAL VEINS, surgery/ *SPLENIC VEIN, surgery/ THROMBOPHLEBITIS, etiology

9516. **Vanhaelen M, Vanhaelen-Fastré R:** Stabilité des anticoagulants dérivés de l'hydroxy-4 coumarine I. Tautomérie hydroxy-4 coumarine in equilibrium chromanne dione-2,4 in equilibrium hydroxy-2 chromone Pharm Acta Helv 51(10):307–12, 1976 (Eng. Abstr.) **(Fre)**
*ANTICOAGULANTS/ CHEMISTRY/ *COUMARINS, analysis/ DRUG STABILITY/ ENGLISH ABSTRACT

9517. **Vanhaelen-Fastré R, Vanhaelen M:** High-performance liquid and thin-layer chromatography of coumarin anticoagulants and their degradation products. J Chromatogr 129:397–402, 22 Dec 76
*ANTICOAGULANTS, analysis/ BIODEGRADATION/ *CHROMATOGRAPHY, HIGH SPEED LIQUID/ *CHROMATOGRAPHY, THIN LAYER/ METHODS/ SOLVENTS/ *4-HYDROXYCOUMARINS, analysis

9518. **van Helsdingen RJ, Kreutzer HH, Romijn C:** Een patiënt met een pancreatogeen delier. Ned Tijdschr Geneeskd 121(37):1413–5, 10 Sep 77 (Eng. Abstr.) **(Dut)**
ACUTE DISEASE/ ADULT/ AMPICILLIN, therapeutic use/ CASE REPORT/ CHLORDIAZEPOXIDE, therapeutic use/ DELIRIUM, drug therapy/ *DELIRIUM, etiology/ ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ *PANCREATITIS, complications/ PANCREATITIS, drug therapy/ PROPANTHELINE BROMIDE, therapeutic use/ RECURRENCE

9519. **Van Kirk OC, Burry MT, Jansen AA, et al:** A simplified approach to radionuclide venography: concise communication. J Nucl Med 17(11):969–71, Nov 76
HUMAN/ *LEG, blood supply/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, etiology/ *RADIONUCLIDE IMAGING, methods/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, diagnosis

9520. **Vannier C, Louvard D, Maroux S, et al:** Structural and topological homology between porcine intestinal and renal brush border aminopeptidase. Biochim Biophys Acta 455(1):185–99, 11 Nov 76
AMINO ACIDS, analysis/ *AMINOPEPTIDASES/ AMINOPEPTIDASES, immunology/ AMINOPEPTIDASES, isolation & purification/ ANIMAL/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS/ CROSS REACTIONS/ EPITHELIAL CELLS, enzymology/ HYDROLASES, metabolism/ *INTESTINE, SMALL, enzymology/ KIDNEY CORTEX, enzymology/ *KIDNEY TUBULES, PROXIMAL, enzymology/ KIDNEY TUBULES, PROXIMAL, ultrastructure/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ ORGAN SPECIFICITY/ SWINE/ TRYPSIN

9521. **Vannini A, Faraldi I, Gracis GP, et al:** Rare tumors of the orbit during childhood. Multiform glioblastoma, melanoma, cystic lymphangioma, hemangioendothelioma: 67ga scanning and anatomico-pathological aspects. Ophthalmologica 173(6):463–85, 1976
AGE FACTORS/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ GLIOBLASTOMA MULTIFORME, diagnosis/ GLIOBLASTOMA MULTIFORME, pathology/ HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ INFANT/ LYMPHANGIOMA, diagnosis/ LYMPHANGIOMA, pathology/ MALE/ MELANOMA, diagnosis/ MELANOMA, pathology/ *ORBITAL NEOPLASMS, diagnosis/ ORBITAL NEOPLASMS, pathology/ RADIONUCLIDE IMAGING, methods

9522. **van Nispen JW, Hageman TC, Scheraga HA:** Mechanism of action of thrombin on fibrinogen. The reaction of thrombin with fibrinogen-like peptides containing 11, 14, and 16 residues. Arch Biochem Biophys 182(1):227–43, Jul 77
CATTLE/ *FIBRINOGEN/ FIBRINOGEN, metabolism/ KINETICS/ OLIGOPEPTIDES, chemical synthesis/ PEPTIDE FRAGMENTS/ SPECTROMETRY, FLUORESCENCE/ STRUCTURE-ACTIVITY RELATIONSHIP/ *THROMBIN/ THROMBIN, metabolism/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9523. **Vannucchi S, Chiarugi VP:** Surface exposure of glycosaminoglycans in resting, growing and virus transformed 3T3 cells. J Cell Physiol 90(3):503–9, Mar 77
CELL DIVISION/ CELL LINE/ CELL MEMBRANE, analysis/ CELL TRANSFORMATION, NEOPLASTIC/ *CELLS, CULTURED, analysis/ CHONDROITIN SULFATES, analysis/ COMPARATIVE STUDY/

GLYCOPEPTIDES, analysis/ *GLYCOSAMINOGLYCANS, analysis/ HEPARITIN SULFATE, analysis/ HYALURONIC ACID, analysis/ MICE/ POLYOMA VIRUS/ SV40 VIRUS/ TRYPSIN

9524. **van Oosterom AT, Mattie H, Hermens WT, et al:** The influence of the thyroid function on the metabolic rate of prothrombin, factor VII, and factor X in the rat. Thromb Haemostas 35(3):607–19, 30 Jun 76
ANIMAL/ FACTOR VII, analysis/ *FACTOR VII, metabolism/ FACTOR X, analysis/ *FACTOR X, metabolism/ HYPOTHYROIDISM, blood/ MALE/ PHYTONADIONE, administration & dosage/ PROTHROMBIN, analysis/ *PROTHROMBIN, metabolism/ RATS/ THYROID GLAND, drug effects/ *THYROID GLAND, physiology/ WARFARIN, administration & dosage

9525. **van Palenstein Helderman WH:** De normale orale flora en de veranderingen bij gingivitis. Rev Belge Med Dent 32(2):129–38, 1977 **(Dut)**
ACTINOMYCES, isolation & purification/ BACTEROIDES, metabolism/ DENTAL PLAQUE, microbiology/ FORMIC ACIDS, metabolism/ GINGIVAL EXUDATE, microbiology/ *GINGIVITIS, microbiology/ HUMAN/ *MOUTH, microbiology/ STREPTOCOCCUS, isolation & purification/ TREPONEMA, metabolism/ VIBRIO, metabolism/ VITAMIN K, metabolism

9526. **van Praag HM:** Psychotropic drugs in the aged. Compr Psychiatry 18(5):429–42, Sep–Oct 77
AGED/ ANTICOAGULANTS, therapeutic use/ ANTIDEPRESSIVE AGENTS, TRICYCLIC, therapeutic use/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ LITHIUM, therapeutic use/ *MENTAL DISORDERS, drug therapy/ MONOAMINE OXIDASE INHIBITORS, therapeutic use/ *PSYCHOTROPIC DRUGS, therapeutic use/ TRANQUILIZING AGENTS, therapeutic use/ VASODILATOR AGENTS, therapeutic use

9527. **van Vreeswijk W, Roger JH, D'Amaro J, et al:** The major histocompatibility complex of rhesus monkeys, RhL--A. VII. Identification of five new serologically defined antigens. Tissue Antigens 9(1):17–30, Jan 77
ANIMAL/ BLOOD PLATELETS/ GENOTYPE/ HAPLOIDY/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ IMMUNE SERUMS, pharmacodynamics/ IMMUNOSORBENT TECHNICS/ MONKEYS/ PHENOTYPE/ RECOMBINATION, GENETIC/ RHESUS MONKEYS

9528. **van Vroonhoven JM, Slot HB:** A critical review of the literature on long-term treatment of peripheral arteriosclerosis with oral anticoagulants. Arch Chir Neerl 28(4):243–9, 1976 (26 ref.)
*ANTICOAGULANTS, therapeutic use/ *ARTERIOSCLEROSIS, drug therapy/ EVALUATION STUDIES/ FOLLOW-UP STUDIES/ HUMAN/ REVIEW/ TIME FACTORS

9529. **Váradi K, Elödi S:** Purification and properties of human factor IXa. Thromb Haemostas 35(3):576–85, 30 Jun 76
CHROMATOGRAPHY, ION EXCHANGE/ *FACTOR IX, isolation & purification/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHODS/ MOLECULAR WEIGHT

9530. **Varandani PT, Shroyer LA:** A rat kidney neutral peptidase that degrades B chain of insulin, glucagon, and ACTH: purification by affinity chromatography and some properties. Arch Biochem Biophys 181(1):82–93, May 77
ANIMAL/ CATIONS, DIVALENT, pharmacodynamics/ CHROMATOGRAPHY, AFFINITY/ *CORTICOTROPIN, metabolism/ EDTA, pharmacodynamics/ *GLUCAGON, metabolism/ HYDROGEN-ION CONCENTRATION/ *INSULIN, metabolism/ *KIDNEY, enzymology/ MALE/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, metabolism/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PHENANTHROLINES, pharmacodynamics/ PROTEINS, metabolism/ RATS/ SULFHYDRYL COMPOUNDS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9531. **Vargaftig BB, Lefort J, Giroux EL:** Haemorrhagic and inflammatory properties of collagenase from C. histolyticum. Agents Actions 6(5):627–35, Sep 76
ANIMAL/ BIOLOGICAL ASSAY/ BLOOD PLATELETS, drug effects/ CAPILLARY PERMEABILITY, drug effects/ CATS/ CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ *CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ DOGS/ EDEMA, chemically induced/ GERBILS/ HEAT/ *HEMORRHAGE, chemically induced/ HINDLIMB/ HUMAN/ IN VITRO/ *INFLAMMATION, chemically induced/ LUNG DISEASES, chemically induced/ MALE/ MICE/ PLASMA, drug effects/ RABBITS/ RATS

9532. **Vargaftig BB:** Effects of prostaglandin synthetase inhibitors and of other drugs on aggregation of plasma-free rabbit platelets by carrageenan and by thrombin [proceedings]. Br J Pharmacol 58(3):448P, Nov 76
ANIMAL/ *CARRAGEENAN, pharmacodynamics/ *HYDROXYLASES, antagonists & inhibitors/ IN VITRO/ *PLATELET AGGREGATION, drug effects/ *PROSTAGLANDIN SYNTHASE, antagonists & inhibitors/ RABBITS/ *THROMBIN, pharmacodynamics

9533. **Vargaftig BB, Lefort J:** Acute hypotension due to carrageenan, arachidonic acid and slow reacting substance C in the rabbit: role of platelets and nature of pharmacological antagonism. Eur J Pharmacol 43(2):125–41, 15 May 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ *ARACHIDONIC ACIDS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ *BLOOD PRESSURE, drug effects/ *CARRAGEENAN, pharmacodynamics/ DRUG ANTAGONISM/ FEMALE/ GLYCOGEN, pharmacodynamics/ IMMUNE SERUMS, pharmacodynamics/ IN VITRO/ MALE/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, metabolism/ RABBITS/ RESPIRATION, drug effects/ SALICYLIC ACIDS, pharmacodynamics/ *SLOW-REACTING SUBSTANCES, pharmacodynamics/ TIME FACTORS

9534. **Vargaftig BB:** Carrageenan and thrombin trigger prostaglandin synthetase-independent aggregation of rabbit platelets: inhibition by phospholipase A2 inhibitors. J Pharm Pharmacol 29(4):222–8, Apr 77
ACETOPHENONES, pharmacodynamics/ ANIMAL/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ CARRAGEENAN, antagonists & inhibitors/ *CARRAGEENAN, pharmacodynamics/ *HYDROXYLASES, pharmacodynamics/ IN VITRO/ *PHOSPHOLIPASE, antagonists & inhibitors/ *PLATELET AGGREGATION, drug effects/ PROSTAGLANDIN SYNTHASE, antagonists & inhibitors/ *PROSTAGLANDIN SYNTHASE, pharmacodynamics/ RABBITS/ THROMBIN, antagonists & inhibitors/ *THROMBIN, pharmacodynamics

9535. **Varma DR, Gupta RK, Gupta S:** Prothrombin response to phenindione during hypoalbuminaemia [letter]. Br J Clin Pharmacol 2(5):467–8, Oct 75
ADOLESCENCE/ ADULT/ AGED/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PHENINDIONE, administration & dosage/ *PHENINDIONE, pharmacodynamics/ PROTHROMBIN TIME/ *SERUM ALBUMIN, deficiency/ *SULFAPHENAZOLE, pharmacodynamics

9536. **Vartanian MM:** Lechebnoe vliianie geparina i geparina v sochetanii s sigetinom pri éksperimental'nom narushenii matochno-platsentarnogo krovoobrashcheniia Vopr Okhr Materin Det 22(1):76–9, Jan 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BENZENESULFONATES,

administration & dosage/ *BENZENESULFONATES, therapeutic use/ CHINCHILLAS/ DISULFIDES, administration & dosage/ DISULFIDES, therapeutic use/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ ESTROGENS, NON-STEROIDAL, administration & dosage/ *ESTROGENS, NON-STEROIDAL, therapeutic use/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ *PLACENTA, blood supply/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ PREGNANCY/ RABBITS/ UTERINE CONTRACTION, drug effects/ *UTERUS, blood supply

9537. **Vasilevskiĭ NL, Golumb SB:** Enzimologicheskie metody izucheniia funktsii platsenty cheloveka (obzor literatury) Vopr Okhr Materin Det 22(2):79–82, 1977 **(Rus)**
ALKALINE PHOSPHATASE, blood/ ALKALINE PHOSPHATASE, metabolism/ BLOOD PROTEIN ELECTROPHORESIS/ *ENZYME TESTS/ FEMALE/ FIBRINOLYSIS/ HISTOCYTOCHEMISTRY/ HUMAN/ ISOENZYMES, blood/ MATERNAL-FETAL EXCHANGE/ OXYTOCINASE, blood/ OXYTOCINASE, metabolism/ PLACENTA DISORDERS, diagnosis/ *PLACENTA, physiology/ PLACENTA, enzymology/ PREGNANCY TOXEMIAS, diagnosis/ PREGNANCY

9538. **Vasinca M:** Glaucomul exogen. Rev Chir [Oftalmol] 21(2):81–4, Apr–Jun 77 (Eng. Abstr.) **(Rum)**
CEREBROVASCULAR DISORDERS, complications/ ENGLISH ABSTRACT/ EYE DISEASES, complications/ EYE, blood supply/ *GLAUCOMA, etiology/ INFLAMMATION, complications/ PHLEBITIS, complications/ THROMBOSIS, complications/ TRACHOMA, complications

9539. **Vasiukova EA, Pisarskaia IV:** Izmenenie gemokoaguliatsii pri bolezni Itsenko–Kushinga pod vliianiem lecheniia khloditanom Klin Med (Mosk) 54(8):108–10, Aug 76 (Eng. Abstr.) **(Rus)**
ADULT/ *BLOOD COAGULATION, drug effects/ CHRONIC DISEASE/ *CUSHING'S SYNDROME, drug therapy/ CUSHING'S SYNDROME, physiopathology/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *MITOTANE, therapeutic use

9540. **Vasiukova EA, Pisarskaia IV, Sharova IuA, et al:** Uroven' somatotropnogo gormona i sistema svertyvaniia krovi pri akromegalii. Sov Med (6):31–4, Jun 77 (Eng. Abstr.) **(Rus)**
*ACROMEGALY, blood/ ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *SOMATOTROPIN, blood

9541. **Vassalli JD, Hamilton J, Reich E:** Macrophage plasminogen activator: induction by concanavalin A and phorbol myristate acetate. Cell 11(3):695–705, Jul 77
BACTERIAL TOXINS, pharmacodynamics/ *CONCANAVALIN A, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ FIBRINOLYSIS, drug effects/ GLUCOCORTICOIDS, pharmacodynamics/ HYDROLASES, biosynthesis/ LYMPHOCYTES, physiology/ MACROPHAGES, cytology/ MACROPHAGES, drug effects/ *MACROPHAGES, metabolism/ MURAMIDASE, biosynthesis/ *MYRISTIC ACIDS, pharmacodynamics/ PHORBOLS/ *PLASMINOGEN ACTIVATORS, biosynthesis/ PLASMINOGEN ACTIVATORS, metabolism/ PROTEINS, biosynthesis/ RNA, biosynthesis/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIBRIO CHOLERAE

9542. **Vassart G, Refetoff S, Brocas H, et al:** Synthesis of 19 S thyroglobulin in Xenopus oocyte following injection of purified 33 S mRNA. pp. 192–4.
In: Robbins J, et al., ed. Thyroid research. Amsterdam, Excerpta Medica, 1976. W3 EX89 no.378 1975.
ANIMAL/ ANTIGEN-ANTIBODY REACTIONS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ MOLECULAR WEIGHT/ MONOGRAPH/ *OOCYTES, metabolism/ *OVUM, metabolism/ PEPTIDE FRAGMENTS, analysis/ *RNA, MESSENGER, metabolism/ *THYROGLOBULIN, biosynthesis/ THYROGLOBULIN, immunology/ *TRANSLATION, GENETIC/ TRYPSIN/ XENOPUS

9543. **Vataman EB, Mikheeva TG, Dmitrievskaia LA:** Znachenie tolerantnykh fizicheskikh nagruzok v izuchenii svertyvaiushcheĭ i protivosvertyvaiushcheĭ sistemy krovi u bol'nykh perenesshikh infarkt miokarda. Kardiologiia 17(5):31–6, May 77 (Eng. Abstr.) **(Rus)**
ADULT/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ EXERCISE TEST/ *EXERTION/ FIBRINOLYSIS/ FOLLOW-UP STUDIES/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, rehabilitation

9544. **Vaughan DA:** Processing effects. pp. 255–69.
In: Bodwell CE, ed. Evaluation of proteins for humans. Westport, Conn., AVI, 1977. QU 55 I604e 1975.
AMINO ACIDS, blood/ ANIMAL/ CHICKENS/ *DIETARY PROTEINS, metabolism/ *FOOD-PROCESSING INDUSTRY/ FOOD, FORTIFIED/ HEAT/ HUMAN/ LYSINE/ METHIONINE, blood/ MICROWAVES/ MONOGRAPH/ NUTRITION/ PLANT PROTEINS, metabolism/ RATS/ SOY BEANS/ TRYPSIN INHIBITORS, analysis/ WHEAT

9545. **Vaughan KL:** Poisoned dog [letter]. Vet Rec 100(17):371, 23 Apr 77
ANIMAL/ *COUMARINS, poisoning/ *DOG DISEASES, chemically induced/ DOGS/ FEMALE/ NAPHTHALENES, poisoning/ *RODENTICIDES, poisoning

9546. **Vaur JL:** Hématomes des muscles droits de l'abdomen sous anti-coagulants Infirm Fr (183):23–6, Mar 77 **(Fre)**
*ABDOMINAL WALL/ *ANTICOAGULANTS, adverse effects/ *HEMATOMA, chemically induced/ HUMAN

9547. **Vayo HW, Ghista DN, Chandran KB:** Oscillatory flow in thin-walled curved elastic tubes--summary. Bull Math Biol 39(2):245–8, 1977
ARTERIES, anatomy & histology/ *BLOOD FLOW VELOCITY/ *BLOOD PRESSURE/ BLOOD VISCOSITY/ ELASTICITY/ MODELS, BIOLOGICAL/ *RHEOLOGY/ STRESS, MECHANICAL

9548. **Vayssairat M, Fiessinger JN, Housset E:** Les nécroses digitales du membre supérieur. 86 cas Nouv Presse Med 6(11):931–4, 19 Mar 77 (Eng. Abstr.) **(Fre)**
ADULT/ AGED/ ARTERIOSCLEROSIS OBLITERANS, complications/ BLOOD VISCOSITY/ COLLAGEN DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ *FINGERS, pathology/ HUMAN/ HYPERLIPEMIA, complications/ MALE/ MIDDLE AGE/ *OSTEONECROSIS, etiology/ RAYNAUD'S DISEASE, complications/ SCLERODERMA, SYSTEMIC, complications/ SEX FACTORS/ SYNDROME/ TEMPORAL ARTERITIS, complications/ THROMBOANGIITIS OBLITERANS, complications

9549. **Vázquez R, Montoro J, Mayans J, et al:** Estudio de cinética plaquetaria con Cr51 en cuarenta y un pacientes con trombopenias periféricas Sangre (Barc) 21(3):513–22, 1976 (Eng. Abstr.) **(Spa)**
*BLOOD PLATELETS, immunology/ CHROMIUM ISOTOPES, diagnostic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIVER, physiopathology/ MALE/ RADIONUCLIDE IMAGING/ SPLEEN, physiopathology/ SPLENECTOMY/ *THROMBOPENIA, diagnosis/ THROMBOPENIA, surgery

9550. **Vazquez Iglesias JL, Perez-Guillermo M, Ortuño G:** Variantes morfológicas de enterocolitis isquémica difusa como expresión de un mecanismo patogénico común. La coagulación intravascular diseminada

Rev Esp Enferm Apar Dig 49(6):687-700, 15 Mar 77 (Spa)
AGED/ AUTOPSY/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ *ENTEROCOLITIS, ACUTE, pathology/ FEMALE/ HUMAN/ *INTESTINES, blood supply/ *ISCHEMIA, pathology/ MALE/ MIDDLE AGE

9551. **Vecchi C, Luti E, Sarti P, et al:** La nostra esperienza nella terapia d'urgenza della sofferenza cerebrale neonatale
Minerva Pediatr 29(13):951-4, 14 Apr 77 (Ita)
ASPHYXIA NEONATORUM, drug therapy/ *BRAIN DISEASES, drug therapy/ *EMERGENCIES/ HEMORRHAGIC DISEASE OF NEWBORN, drug therapy/ HUMAN/ HYDROCORTISONE, therapeutic use/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, drug therapy

9552. **Vecchione TR:** Persistent post-traumatic pseudosheath formation secondary to a movable organized blood clot.
J Trauma 17(6):481-2, Jun 77
ADOLESCENCE/ ADULT/ CASE REPORT/ HEMATOMA, complications/ *HEMATOMA, pathology/ HEMATOMA, surgery/ HUMAN/ MUSCLES/ *THIGH, injuries/ *WOUNDS, NONPENETRATING, complications

9553. **Vecsey D, Bánkuti P, Pálfy A:** Blutungsprophylaxe nach Prostatektomie mit AMCA. Med Welt 28(24):1100-2, 17 Jun 77 (Ger)
BLADDER/ *CYCLOHEXANECARBOXYLIC ACIDS, administration & dosage/ DEXTRAN, administration & dosage/ FIBRINOLYSIS/ *HEMOSTASIS, SURGICAL/ HUMAN/ INJECTIONS, INTRAVENOUS/ IRRIGATION/ MALE/ *PROSTATECTOMY/ *TRANEXAMIC ACID, administration & dosage/ TRANEXAMIC ACID, adverse effects

9554. **Vehar GA, Davie EW:** Formation of a serine enzyme in the presence of bovine factor VIII (antihemophilic factor) and thrombin. Science 197(4301):374-6, 22 Jul 77
ANTITHROMBINS, pharmacodynamics/ BINDING SITES/ CALCIUM, blood/ ENZYME PRECURSORS, blood/ FACTOR IX, metabolism/ *FACTOR VIII, metabolism/ FACTOR X, metabolism/ ISOFLUROPHATE, pharmacodynamics/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES, blood/ *THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9555. **Vekemans M, Leonard A:** Influence of blood storage after in vitro exposure to ionizing radiations on the yield of chromosome aberrations observed in human lymphocytes.
Int J Radiat Biol 31(5):493-8, May 77
ADULT/ *BLOOD PRESERVATION/ *CHROMOSOME ABERRATIONS/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ HUMAN/ IN VITRO/ *LYMPHOCYTES, radiation effects/ MALE/ TIME FACTORS/ X-RAYS

9556. **Velianov D, Mikhaĭlova V:** Fagotsitoza in vitro na shtamove Salmonella typhimurium sled obrabotka s niakoi khimicheski veshtestva
Acta Microbiol Virol Immunol (Sofiia) 4:66-71, 1976 (Eng. Abstr.) (Bul)
ENGLISH ABSTRACT/ GLYCERIN, pharmacodynamics/ *PERIODIC ACIDS, pharmacodynamics/ *PETROLEUM/ *PHAGOCYTOSIS, drug effects/ SALMONELLA TYPHIMURIUM, drug effects/ *SALMONELLA TYPHIMURIUM, immunology/ *SODIUM DODECYL SULFATE, pharmacodynamics/ *TRYPSIN, pharmacodynamics

9557. **Vellar ID, Doyle JC:** Acute mesenteric ischaemia.
Aust NZ J Surg 47(1):54-61, Feb 77
ACUTE DISEASE/ ADULT/ AGED/ EMBOLISM, diagnosis/ EMBOLISM, surgery/ FEMALE/ HUMAN/ ISCHEMIA, diagnosis/ ISCHEMIA, surgery/ *ISCHEMIA, therapy/ MALE/ *MESENTERIC ARTERIES/ MESENTERIC VASCULAR OCCLUSION, diagnosis/ MESENTERIC VASCULAR OCCLUSION, surgery/ *MESENTERIC VEINS/ MIDDLE AGE/ THROMBOSIS, diagnosis/ THROMBOSIS, surgery

9558. **Velosa JA, Glasser RJ, Nevins TE, et al:** Experimental model of focal sclerosis. II. Correlation with immunopathologic changes, macromolecular kinetics, and polyanion loss.
Lab Invest 36(5):527-34, May 77
ANIMAL/ *DISEASE MODELS, ANIMAL/ FACTOR VIII, metabolism/ FIBRIN, metabolism/ *GLOMERULONEPHRITIS, physiopathology/ GLOMERULOSCLEROSIS, FOCAL, chemically induced/ GLOMERULOSCLEROSIS, FOCAL, metabolism/ *GLOMERULOSCLEROSIS, FOCAL, physiopathology/ IGG, metabolism/ IGM, metabolism/ INJECTIONS, INTRAPERITONEAL/ KIDNEY GLOMERULUS, immunology/ KIDNEY GLOMERULUS, metabolism/ KIDNEY GLOMERULUS, pathology/ MALE/ NEPHRECTOMY/ PROTEINURIA, chemically induced/ PUROMYCIN AMINONUCLEOSIDE, adverse effects/ RATS/ SIALOGLYCOPROTEINS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9559. **Veltkamp JJ, van Tilburg NH, Muller HP:** Von Willebrand disease San Diego [letter]. Lancet 2(7991):909, 23 Oct 76
*BLOOD COAGULATION/ FACTOR VIII, analysis/ FACTOR XII, analysis/ HUMAN/ PROTHROMBIN TIME/ *VON WILLEBRAND'S DISEASE, blood

9560. **Venkataraman S, Horbett TA, Hoffman AS:** The reactivity of alpha-chymotrypsin immobilized on radiation-grafted hydrogel surfaces. J Biomed Mater Res 11(1):111-23, Jan 77
ADSORPTION/ BINDING SITES/ *CHYMOTRYPSIN, metabolism/ ENZYMES, IMMOBILIZED, chemical synthesis/ *ENZYMES, IMMOBILIZED, metabolism/ ESTERS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHACRYLATES, radiation effects/ SILICONES, radiation effects/ STRUCTURE-ACTIVITY RELATIONSHIP/ WATER

9561. **Venkateswara K, Smith EJ, Alexander JW, et al:** Thromboembolic disease in renal allograft recipients. What is its clinical significance? Arch Surg 111(10):1086-92, Oct 76
ADOLESCENCE/ ADULT/ AGE FACTORS/ CASE REPORT/ CEREBROVASCULAR DISORDERS, etiology/ FEMALE/ HUMAN/ *KIDNEY, transplantation/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, etiology/ PULMONARY EMBOLISM, etiology/ RENAL ARTERY/ RENAL VEINS/ SEX FACTORS/ *THROMBOEMBOLISM, etiology/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, etiology/ TIME FACTORS/ TISSUE DONORS/ *TRANSPLANTATION, HOMOLOGOUS, adverse effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9562. **Venneröd AM, Laake K, Solberg AK, et al:** Inactivation and binding of human plasma kallikrein by antithrombin III and heparin. Thromb Res 9(5):457-66, Nov 76
*ANTITHROMBINS, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTERASES, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ KALLIKREIN, antagonists & inhibitors/ *KALLIKREIN, metabolism/ KALLIKREIN, isolation & purification/ *KALLIKREIN-TRYPSIN INACTIVATOR/ KINETICS/ MOLECULAR WEIGHT/ *PROTEIN BINDING/ PROTEIN BINDING, drug effects

9563. **Verbanck M, Pelc I, Stoffels G, et al:** Intégration des aspects somatique et psychiatrique de l'alcoolisme chronique.
Bull Mem Acad R Med Belg 131(9-11):483-99, 1976 (Fre)
ALCOHOLISM, blood/ *ALCOHOLISM, complications/ ALCOHOLISM, therapy/ BILIRUBIN, blood/ BLOOD PLATELETS/ ELECTROLYTES, blood/ HUMAN/ HYPERPARATHYROIDISM, etiology/ LIPIDS, blood/ MENTAL DISORDERS, etiology/ OSTEOPOROSIS, etiology/ *PSYCHOSES, ALCOHOLIC/ TRIGLYCERIDES, blood

9564. **Verboom CN, de Vries J, van Bree L, et al:** Reduction of

2,6-dichlorophenol indophenol by bovine methemoglobin reductase in the presence of a number of non-steroidal anti-inflammatory compounds. Biochem Pharmacol 26(7):685–9, 1 Apr 77
*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ CATTLE/ *INDOPHENOL, analogs & derivatives/ KINETICS/ *METHEMOGLOBIN REDUCTASE, metabolism/ NAD, metabolism/ *NADH, NADPH OXIDOREDUCTASES, metabolism/ *PHENINDIONE, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ *2,6-DICHLOROINDOPHENOL, pharmacodynamics

9565. **Vercellino A, Emanuele B, Galietti F, et al:** [Role of respiratory physiokinetic therapy in general surgery] Arch Sci Med (Torino) 133(1):49–52, Jan–Mar 76 (Eng. Abstr.) **(Ita)**
*BREATHING EXERCISES/ EMBOLISM, prevention & control/ ENGLISH ABSTRACT/ HUMAN/ *POSTOPERATIVE CARE/ *PREOPERATIVE CARE/ RESPIRATION/ THROMBOPHLEBITIS, prevention & control

9566. **Vercellone A, Stratta P, Camussi G, et al:** Reversibilità della sindrome uremica in corso di nefropatia lupica Minerva Nefrol 23(1):53–68, Jan–Feb 76 (Eng. Abstr.) **(Ita)**
ADULT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ MIDDLE AGE/ *NEPHRITIS, INTERSTITIAL, etiology/ PREDNISONE, therapeutic use/ *UREMIA, drug therapy

9567. **Veremeenko GI, Moshchich PS, Vasilenko GI, et al:** Vyvchennia prekalikreïn-kalikreïnovoï systemy plazmy krovi u diteĭ z virusnym hepatytom. Pediatr Akush Ginekol (1):28–30, Jan–Feb 77 **(Ukr)**
ADOLESCENCE/ CHILD/ COMPARATIVE STUDY/ FEMALE/ *HEPATITIS, VIRAL, HUMAN, blood/ HUMAN/ KALLIKREIN, antagonists & inhibitors/ *KALLIKREIN, analysis/ *KALLIKREIN, blood/ MALE/ *PREKALLIKREIN, analysis

9568. **Veremeenko KN, Khomenko LA, Kizim AI:** Fermenty sliuny i ikh issledovanie v klinike (obzor literatury) Lab Delo (7):393–9, 1976 (73 ref.) **(Rus)**
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ AMYLASE, analysis/ DEOXYRIBONUCLEASE, analysis/ HUMAN/ ISOENZYMES, analysis/ KALLIKREIN, analysis/ KININASE I, analysis/ KININASE II, analysis/ MURAMIDASE, analysis/ REVIEW/ RIBONUCLEASE, analysis/ *SALIVA, enzymology/ SALIVARY GLANDS, enzymology

9569. **Veremeenko KN, Verevka VS, Meged' NF:** Issledovanie prekallikrein-kallikreinovoĭ sistemy plazmy krovi pri ostrom pankreatite Klin Khir 00(9):5–9, Sep 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KALLIKREIN, blood/ MALE/ MIDDLE AGE/ *PANCREATITIS, blood/ PREKALLIKREIN, analysis

9570. **Veremeenko KN, Volokhonskaia LI:** Issledovanie proteoliticheskikh fermentov v limfotsitakh nebnykh mindalin Vopr Med Khim (1):101–5, Jan–Feb 77 (Eng. Abstr.) **(Rus)**
CARBOXYPEPTIDASES, metabolism/ CELL NUCLEUS, enzymology/ ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN, metabolism/ *LYMPHOCYTES, enzymology/ LYMPHOCYTES, ultrastructure/ LYSOSOMES, enzymology/ MITOCHONDRIA, enzymology/ *PEPTIDE HYDROLASES, metabolism/ *TONSIL, cytology/ TONSIL, enzymology

9571. **Veremeenko KN, Mitchenko IK, Gontar' AM:** Izuchenie prekallikrein-kallikreinovoĭ sistemy plazmy krovi pri virusnom gepatite Vrach Delo (10):132–4, Oct 76 **(Rus)**
FEMALE/ *HEPATITIS, VIRAL, HUMAN, blood/ HUMAN/ *KALLIKREIN, blood/ MALE/ PREKALLIKREIN, blood

9572. **Veremeenko KN, Kizim AI, Lositskaia VM:** Izuchenie prirody proteinazy, aktiviruiushcheĭsia kontaktnym faktorom, v plazme krovi cheloveka. Vopr Med Khim (3):391–6, May–Jun 77 (Eng. Abstr.) **(Rus)**
ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *FACTOR XII/ HUMAN/ KALLIKREIN, blood/ KAOLIN/ KININOGENS/ *PEPTIDE HYDROLASES, blood/ PROTAMINES/ SILICA/ TOSYLARGININE METHYL ESTER

9573. **Veremeenko KN, Kizim AI, Groma SP:** Izuchenie fermentov kininovoĭ sistemy v sliune bol'nykh khronicheskim tonzillitom. Zh Ushn Nos Gorl Bolezn (3):19–22, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ *CARBOXYPEPTIDASES, metabolism/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ *KALLIKREIN, metabolism/ *KININASE I, metabolism/ *KININS, metabolism/ *SALIVA, enzymology/ SALIVA, metabolism/ TONSILLITIS, enzymology/ *TONSILLITIS, metabolism

9574. **Vergoz D, Warlin JF, Salat J, et al:** Problémes pratiques posés par deux cas d'hémangiomes géants avec syndrome de Kasabach Meritt Phlebologie 29(1):33–7, Jan–Mar 76 (Eng. Abstr.) **(Fre)**
ADULT/ BLOOD TRANSFUSION/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, drug therapy/ HEMORRHAGE, POSTPARTUM, mortality/ HEMORRHAGE, POSTPARTUM, therapy/ HEPARIN, therapeutic use/ HUMAN/ *LABOR COMPLICATIONS/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PREGNANCY/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, drug therapy/ *SKIN NEOPLASMS, complications/ SKIN NEOPLASMS, drug therapy/ SYNDROME/ TRANEXAMIC ACID, therapeutic use/ 6-AMINOCAPROIC ACID, therapeutic use

9575. **Vergroesen AJ:** Early signs of polyunsaturated fatty acid deficiency. Bibl Nutr Dieta (23):19–26, 1976 (20 ref.)
AGED/ ANIMAL/ BLOOD PLATELETS, physiopathology/ DIETARY FATS/ DIETARY PROTEINS/ *FATTY ACIDS, ESSENTIAL, deficiency/ FATTY ACIDS, ESSENTIAL, metabolism/ *FATTY ACIDS, UNSATURATED, metabolism/ HEMATOPOIESIS/ HUMAN/ INFANT/ LIPIDS, metabolism/ MALABSORPTION SYNDROMES, complications/ MALE/ OILS, therapeutic use/ PROTEIN DEFICIENCY, diet therapy/ REVIEW/ SKIN DISEASES, drug therapy/ SKIN DISEASES, etiology/ STRUCTURE-ACTIVITY RELATIONSHIP

9576. **Vergroesen AJ:** Physiological effects of dietary linoleic acid. Nutr Rev 35(1):1–5, Jan 77
AGED/ ANIMAL/ ARTERIAL OCCLUSIVE DISEASES, prevention & control/ ARTERIOSCLEROSIS, prevention & control/ CALORIC INTAKE/ *CARDIOVASCULAR DISEASES, prevention & control/ CHOLESTEROL, blood/ DIABETES MELLITUS, therapy/ DIETARY FATS, therapeutic use/ FATTY ACIDS, ESSENTIAL, physiology/ HEART, drug effects/ HEART, physiology/ HUMAN/ HYPERTENSION, chemically induced/ HYPERTENSION, prevention & control/ *LINOLEIC ACIDS, physiology/ LINOLEIC ACIDS, therapeutic use/ MIDDLE AGE/ NUTRITIONAL REQUIREMENTS/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, biosynthesis/ SODIUM, adverse effects/ THROMBOSIS, prevention & control/ TRIGLYCERIDES, blood

9577. **Vergroesen AJ:** Platelet formation [letter]. Nutr Rev 35(1):25–7, Jan 77
ANIMAL/ ARACHIDONIC ACIDS, adverse effects/ *BLOOD PLATELETS, physiology/ FATTY ACIDS, ESSENTIAL, physiology/ LINOLEIC ACIDS, metabolism/ PLATELET AGGREGATION, drug effects/

PROSTAGLANDINS, biosynthesis/ RABBITS

9578. **Verhaeghe R, Vanhoof A:** The concomitant use of suloctidil and a long-acting oral anticoagulant. Acta Clin Belg 32(1):36-8, 1977
*BLOOD COAGULATION, drug effects/ CLINICAL RESEARCH/ DRUG INTERACTIONS/ HUMAN/ *PHENPROCOUMON, therapeutic use/ *PROPANOLAMINES, therapeutic use/ PROTHROMBIN TIME/ *VASODILATOR AGENTS, therapeutic use/ *4-HYDROXYCOUMARINS, therapeutic use

9579. **Verhoog BD, Haalebos MM, Van Vroonhoven TJ:** Verlamming van de benen als eerste symptoom van een myxoma cordis. Ned Tijdschr Geneeskd 121(27):1092-5, 2 Jul 77 (Eng. Abstr.) **(Dut)**
AORTA, ABDOMINAL, surgery/ AORTIC DISEASES, etiology/ AORTIC DISEASES, prevention & control/ CASE REPORT/ ENGLISH ABSTRACT/ *HEART NEOPLASMS, complications/ HEART NEOPLASMS, surgery/ HUMAN/ ILIAC ARTERY, surgery/ LEG/ MALE/ *MYXOMA, complications/ MYXOMA, surgery/ NEOPLASM SEEDING/ *PARALYSIS, etiology/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, surgery

9580. **Verlin M, Laros RK Jr, Penner JA:** Treatment of refractory thrombocytopenic purpura with cyclophosphamine. Am J Hematol 1(1):97-104, 1976
ADOLESCENCE/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CYCLOPHOSPHAMIDE, administration & dosage/ *CYCLOPHOSPHAMIDE, therapeutic use/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, drug therapy/ SPLENECTOMY

9581. **Verloes R, Kanarek L:** Proteolytic activity associated with tumour growth and metastasis. Influence of trypsin inhibitor (soya bean) on Ehrlich ascites tumour growth [proceedings]. Arch Int Physiol Biochim 84(5):1119-20, Dec 76
ANIMAL/ *CARCINOMA, EHRLICH TUMOR/ CARCINOMA, EHRLICH TUMOR, enzymology/ MICE/ MICE, INBRED BALB C/ MITOSIS/ NEOPLASM METASTASIS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ *TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN INHIBITORS, therapeutic use

9582. **Verma IM, Gibson W:** Role of reverse transcriptase in the life cycle of RNA tumor viruses. pp. 730-52. In: Goulian M, Hanawalt P, ed. DNA synthesis and its regulation. Menlo Park, Calif., Benjamin, 1975. W3 1322 v.3 1975.
*AVIAN LEUKOSIS VIRUSES, enzymology/ BINDING SITES/ MODELS, BIOLOGICAL/ MOLECULAR WEIGHT/ MONOGRAPH/ *MYELOBLASTOSIS VIRUS, AVIAN, enzymology/ OLIGOPEPTIDES, analysis/ PROTEIN CONFORMATION/ *REVERSE TRANSCRIPTASE/ REVERSE TRANSCRIPTASE, metabolism/ *RIBONUCLEASE, metabolism/ *ROUS SARCOMA VIRUS, enzymology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9583. **Vermeer C, Soute BA, Govers-Riemslag J, et al:** In vitro prothrombin synthesis from a purified precursor protein. I. Development of a bovine liver cell-free system. Biochim Biophys Acta 444(3):926-30, 22 Oct 76
ANIMAL/ CATTLE/ CELL FRACTIONATION/ CELL-FREE SYSTEM/ CYTOSOL, metabolism/ KINETICS/ LIVER, metabolism/ *MICROSOMES, LIVER, metabolism/ MICROSOMES, LIVER, ultrastructure/ *PROTHROMBIN, biosynthesis

9584. **Vermeer C, Soute BA, Ates G, et al:** Contributions to the optimal use of human blood. VIII. Stability of blood coagulation factor VII during collection and storage of whole blood and plasma. Vox Sang 31(1 SUPPL):55-67, 1976
ANTICOAGULANTS/ *BLOOD PRESERVATION, standards/ *BLOOD SPECIMEN COLLECTION, standards/ BLOOD SUGAR/ CITRATES, blood/ CRYOGLOBULINS/ DRUG STABILITY/ *FACTOR VIII/ FACTOR VIII, analysis/ FACTOR VIII, standards/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PRECIPITATION/ TIME FACTORS

9585. **Vermeer C, Soute BA, Hemker HC:** A new method for the preparation of artificial factor II reagents from normal human and bovine plasma. Thromb Res 10(3):495-507, Mar 77
ANIMAL/ BARIUM SULFATE, metabolism/ CATTLE/ FACTOR VII, metabolism/ FACTOR X, metabolism/ HUMAN/ METHODS/ *PLASMA/ PLASMA, metabolism/ *PROTHROMBIN, analysis/ SNAKE VENOMS, administration & dosage

9586. **Vermylen J, Bottecchia D, Szpilman H:** Factor VIII and human platelet aggregation. III. Further studies on aggregation of humna platelets by neuraminidase-treated human factor VIII. Br J Haematol 34(2):321-30, Oct 76
CHROMATOGRAPHY, AGAROSE/ COMPARATIVE STUDY/ *FACTOR VIII/ FACTOR VIII, analysis/ FACTOR VIII, isolation & purification/ FACTOR VIII, metabolism/ HUMAN/ MOLECULAR WEIGHT/ *NEURAMINIDASE, pharmacodynamics/ *PLATELET AGGREGATION/ RISTOCETIN, metabolism/ SIALIC ACIDS, metabolism

9587. **Vermylen J, Bottecchia D:** Factor VIII and human platelet aggregation. IV. Effect of proteolytic enzymes on platelet aggregation by factor VIII. Br J Haematol 34(2):331-40, Oct 76
CARRIER PROTEINS, metabolism/ CATTLE/ *FACTOR VIII, metabolism/ FIBRINOLYSIN, pharmacodynamics/ HUMAN/ NEURAMINIDASE, pharmacodynamics/ *PEPTIDE HYDROLASES, blood/ *PLATELET AGGREGATION/ REPTILASE, pharmacodynamics/ THROMBIN, pharmacodynamics/ TIME FACTORS

9588. **Veroft R, Van Gysel JP:** Ooliterations arterielles aigues Brux Med 57(3):139-41, Mar 77 **(Fre)**
ACUTE DISEASE/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS

9589. **Veroux G, Rasa G, Nicotra P, et al:** Closed renal trauma. Int Surg 62(3):155-60, Mar 77
ADULT/ HEMATOMA, etiology/ HUMAN/ *KIDNEY, injuries/ KIDNEY, pathology/ KIDNEY, radiography/ KIDNEY, surgery/ *WOUNDS, NONPENETRATING/ WOUNDS, NONPENETRATING, complications

9590. **Verron G, Exadaktylos P:** Gerinnungsprobleme bei Neugeborenen Zentralbl Chir 101(26):1601-6, 1976 (Eng. Abstr.) **(Ger)**
*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION FACTORS, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HEMORRHAGIC DIATHESIS, familial & genetic/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ LIVER DISEASES, complications/ MICROCIRCULATION/ PLASMA SUBSTITUTES, therapeutic use/ PREDNISOLONE, therapeutic use/ PREGNANCY/ STREPTOKINASE, therapeutic use/ VITAMIN K DEFICIENCY, congenital/ VITAMIN K, therapeutic use

9591. **Verschelden G:** Les thrombophlébites pelviennes Union Med Can 106(2):231-3, Feb 77 **(Fre)**
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *PELVIS, blood supply/ PREGNANCY/ *PUERPERAL DISORDERS/ PUERPERAL INFECTION, complications/ *THROMBOPHLEBITIS

9592. **Verska JJ:** Control of heparinization by activated clotting time during bypass with improved postoperative hemostasis. Ann Thorac Surg 24(2):170-3, Aug 77
BLOOD COAGULATION TESTS/ *CARDIOPULMONARY BYPASS/

*HEMOSTASIS, SURGICAL/ *HEPARIN, administration & dosage/ HUMAN/ PROTAMINES, administration & dosage

9593. **Verstappen FT, Bernards JA, Kreuzer F:** Effects of venous gas embolism on pulmonary gas exchange. pp. 217-20.

In: Distribution des échanges gazeux pulmonaires. Paris, INSERM, 1976. WF 600 D613 1975.
ANIMAL/ BLOOD PRESSURE/ CARBON DIOXIDE, analysis/ CARBON DIOXIDE, blood/ DOGS/ *LUNG, physiopathology/ MONOGRAPH/ NEON/ OXYGEN, analysis/ OXYGEN, blood/ PULMONARY ALVEOLI, analysis/ PULMONARY ARTERY/ *PULMONARY EMBOLISM, physiopathology/ VENTILATION-PERFUSION RATIO

9594. **Verstappen FT, Bernards JA, Kreuzer F:** Effects of pulmonary gas embolism on circulation and respiration in the dog. II. Effects on respiration. Pfluegers Arch 368(1-2):97-104, 11 Mar 77
ANIMAL/ CARBON DIOXIDE, blood/ DOGS/ *EMBOLISM, AIR, physiopathology/ *PULMONARY EMBOLISM, physiopathology/ *RESPIRATION/ TIDAL VOLUME/ VENTILATION-PERFUSION RATIO

9595. **Verstappen FT, Bernards JA, Kreuzer F:** Effects of pulmonary gas embolism on circulation and respiration in the dog. I. Effects on circulation. Pfluegers Arch 368(1-2):89-96, 11 Mar 77
ANIMAL/ BLOOD PRESSURE/ CARDIAC OUTPUT/ DIFFUSION/ DOGS/ *EMBOLISM, AIR, physiopathology/ FEMALE/ GASES, administration & dosage/ INFUSIONS, PARENTERAL/ MALE/ PULMONARY ARTERY, physiopathology/ *PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, physiopathology

9596. **Verstappen FT, Bernards JA, Kreuzer F:** Effects of pulmonary gas embolism on circulation and respiration in the dog. III. Excretion of venous gas bubbles by the lung. Pfluegers Arch 370(1):67-70, 29 Jul 77
ANIMAL/ *BLOOD PRESSURE/ DOGS/ *EMBOLISM, AIR/ FEMALE/ MALE/ NEON/ *PULMONARY EMBOLISM/ RESPIRATION

9597. **Verstappen FT, Bernards JA, Kreuzer F:** Effects of pulmonary gas embolism on circulation and respiration in the dog. IV. Origin of arterial hypoxemia during pulmonary gas embolism. Pfluegers Arch 370(1):71-5, 29 Jul 77
ANIMAL/ *ANOXEMIA, etiology/ AORTA/ ARTERIOVENOUS ANASTOMOSIS/ ATELECTASIS/ BLOOD PRESSURE/ DOGS/ *EMBOLISM, AIR/ FEMALE/ HYPEROPIA/ MALE/ *PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, complications/ VENTILATION-PERFUSION RATIO

9598. **Verstraete M:** The prevention of postoperative deep vein thrombosis and pulmonary embolism with low dose subcutaneous heparin and dextran.
Surg Gynecol Obstet 143(6):981-5, Dec 76
ABDOMEN, surgery/ ADULT/ BONE AND BONES, surgery/ *DEXTRAN, administration & dosage/ DEXTRAN, therapeutic use/ FEMALE/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ LEG/ MALE/ MIDDLE AGE/ PELVIS, surgery/ PLACEBOS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, prevention & control/ RADIONUCLIDE IMAGING/ THORAX, surgery/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevertion & control

9599. **Verstraete M:** Prévention des thromboses veineuses profondes et des embolies pulmonaires post-opératoires par l'injection d'héparine à faible dose ou par le dextran Sem Hop Ther 52(7-8):389-94, Sep-Oct 76 **(Fre)**
DEXTRAN, administration & dosage/ DEXTRAN, therapeutic use/ FEMALE/ *HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

9600. **Verstraete M:** Are agents affecting platelet functions clinically useful? Am J Med 61(6):897-914, Dec 76 (173 ref.)
AGED/ ANIMAL/ *ARTERIAL OCCLUSIVE DISEASES, prevention & control/ ASPIRIN, therapeutic use/ *BLOOD PLATELETS, drug effects/ CLOFIBRATE, therapeutic use/ DEXTRAN, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ DOGS/ HEPARIN, therapeutic use/ HUMAN/ MALE/ PLATELET AGGREGATION, drug effects/ REVIEW/ THROMBOEMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control/ *THROMBOSIS, prevention & control

9601. **Verstraete M:** Are agents affecting platelet function clinically useful in patients with coronary artery disease? Acta Clin Belg 31(4):229-32, 1976
*ANALGESICS, ANTI-INFLAMMATORY, therapeutic use/ ANGINA PECTORIS, complications/ ASPIRIN, therapeutic use/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ *CLOFIBRATE, therapeutic use/ *CORONARY DISEASE, drug therapy/ DIPYRIDAMOLE, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, prevention & control/ SULFINPYRAZONE, therapeutic use

9602. **Verstraete M:** Registry of prospective clinical trials second report. Thromb Haemostas 36(1):239-50, 31 Aug 76
ADULT/ AGED/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, drug effects/ DIPYRIDAMOLE, pharmacodynamics/ *DRUG EVALUATION/ FEMALE/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ *HEMOSTATICS, pharmacodynamics/ HUMAN/ INTERNATIONAL AGENCIES/ MALE/ MIDDLE AGE/ PLASMINOGEN, pharmacodynamics/ *REGISTRIES/ STREPTOKINASE, pharmacodynamics/ SULFINPYRAZONE, pharmacodynamics/ UROKINASE, pharmacodynamics/ VENOMS, pharmacodynamics

9603. **Verstraete M:** Aspects actuels de la prévention des thromboses veineuses Rev Prat 27(21):1293-300, 11 Apr 77 (Eng. Abstr.) **(Fre)**
DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ PLATELET AGGREGATION, drug effects/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control/ VITAMIN K, antagonists & inhibitors

9604. **Verstraete M:** Anticoagulanti orali, destrano o eparina a basso dosaggio per via sottocutanea: quale farmaco deve venire usato per la profilassi delle trombosi venose profonde in pazienti sottoposti ad intervento chirurgico? Clin Ter 81(4):291-7, 31 May 77 (Eng. Abstr.) **(Ita)**
ADMINISTRATION, ORAL/ ADULT/ AGED/ *ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, therapeutic use/ *DEXTRAN, administration & dosage/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

9605. **Verstraete M:** 7. Hemophilia home treatment in Belgium. Scand J Haematol (31):29-33, 1977
BELGIUM/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HOME NURSING/ HUMAN/ SELF ADMINISTRATION

9606. **Verstraete M, Tyberghein J, De Greef Y, et al:** Double-blind trials with ethamsylate, batroxobin or tranexamic acid on blood loss after adenotonsillectomy. Acta Clin Belg 32(2):136-41, 1977
*ADENOIDECTOMY, adverse effects/ *BENZENESULFONATES, therapeutic use/ CHILD/ CLINICAL RESEARCH/ *CYCLOHEXANECARBOXYLIC ACIDS,

therapeutic use/ DRUG EVALUATION/ *ETHAMSYLATE, therapeutic use/ *HEMORRHAGE, drug therapy/ HUMAN/ *PEPTIDE HYDROLASES, therapeutic use/ PLACEBOS/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ *REPTILASE, therapeutic use/ *TONSILLECTOMY, adverse effects/ *TRANEXAMIC ACID, therapeutic use

9607. **Veselý V, Kulich V:** Haptoglobin level in haemophiliacs after administration of pooled cold precipitated antihaemophilic globulin. Preliminary report. Haematologia (Budap) 10(3-4):379-81, 1976
BLOOD GROUP INCOMPATIBILITY/ *FACTOR VIII, therapeutic use/ *HAPTOGLOBINS, blood/ *HEMOPHILIA, blood/ HEMOPHILIA, therapy/ HUMAN

9608. **Vessby B, Lithell H, Boberg J, et al:** Gemfibrozil as a lipid lowering compound in hyperlipoproteinaemia. A placebo-controlled cross-over trial. Proc R Soc Med 69 Suppl 2:32-7, 1976
ADIPOSE TISSUE, enzymology/ ADULT/ AGED/ ANTILIPEMIC AGENTS, administration & dosage/ ANTILIPEMIC AGENTS, adverse effects/ *ANTILIPEMIC AGENTS, therapeutic use/ BODY WEIGHT/ CLINICAL RESEARCH/ FEMALE/ FIBRINOGEN, metabolism/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPERCHOLESTEREMIA, blood/ *HYPERLIPEMIA, drug therapy/ INSULIN, blood/ LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ PLACEBOS/ TRIGLYCERIDES, blood/ VALERATES, administration & dosage/ VALERATES, adverse effects/ *VALERATES, therapeutic use/ XYLENES, administration & dosage/ XYLENES, adverse effects/ *XYLENES, therapeutic use

9609. **Vessby B, Lithell H, Boberg J:** Supplementation with vitamin E in hyperlipidemic patients treated with diet and clofibrate. Effects on serum lipoprotein concentrations, plasma fatty acid composition and adipose tissue lipoprotein lipase activity. Am J Clin Nutr 30(4):517-22, Apr 77
*ADIPOSE TISSUE, enzymology/ AGED/ CHOLESTEROL ESTERS, blood/ CLOFIBRATE, therapeutic use/ FATTY ACIDS, blood/ FATTY ACIDS, UNSATURATED, therapeutic use/ FEMALE/ HUMAN/ *HYPERLIPEMIA, metabolism/ HYPERLIPEMIA, therapy/ *LIPIDS, blood/ *LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood/ VITAMIN E, blood/ *VITAMIN E, pharmacodynamics

9610. **Vesse M, Merland JJ, Mergui A, et al:** Apport de l'artériographie supersélective et de l'embolisation en chirurgie maxillo-faciale. A propos de deux observations Rev Stomatol Chir Maxillofac 78(2):111-9, 1977 (Eng. Abstr.) **(Fre)**
AGED/ *ANGIOGRAPHY, methods/ CASE REPORT/ *EMBOLIZATION, THERAPEUTIC/ ENGLISH ABSTRACT/ *FACE, surgery/ FEMALE/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HEMANGIOMA, therapy/ HUMAN/ *MAXILLA, surgery/ MIDDLE AGE/ NEOPLASMS, EMBRYONAL AND MIXED, radiography/ NEOPLASMS, EMBRYONAL AND MIXED, surgery/ NEOPLASMS, EMBRYONAL AND MIXED, therapy/ ORBITAL NEOPLASMS, radiography/ ORBITAL NEOPLASMS, surgery/ ORBITAL NEOPLASMS, therapy/ PALATAL NEOPLASMS, radiography/ PALATAL NEOPLASMS, surgery/ PALATAL NEOPLASMS, therapy

9611. **Vettore L, de Matteis MC, Falezza GC:** Increased potassium permeability induced in vitro by menadione in normal human red cells. Scand J Haematol 18(1):61-6, Jan 77
CALCIUM, pharmacodynamics/ *CELL MEMBRANE PERMEABILITY, drug effects/ ERYTHROCYTE MEMBRANE, analysis/ *ERYTHROCYTE MEMBRANE, metabolism/ *ERYTHROCYTES, metabolism/ GLUCOSE, pharmacodynamics/ HUMAN/ *POTASSIUM, metabolism/ SODIUM, analysis/ SODIUM, metabolism/ *VITAMIN K, pharmacodynamics/ WATER, metabolism

9612. **Vettore L, De Matteis MC, Del Conte G:** Effects of dipyridamole on sodium and potassium content of human red blood cells. Acta Haematol (Basel) 57(4):193-8, Mar 77
ANEMIA, HYPOCHROMIC, blood/ *DIPYRIDAMOLE, pharmacodynamics/ *ERYTHROCYTES, metabolism/ HUMAN/ *POTASSIUM, blood/ *SODIUM, blood/ THALASSEMIA, blood/ VITAMIN K, pharmacodynamics

9613. **Viadro SS, Martynova MI:** Klinicheskoe znachenie narusheniĭ v sisteme svertyvaniia krovi pri sakharnom diabete u deteĭ (obzor literatury)
Vopr Okhr Materin Det 21(4):61-5, Apr 76 **(Rus)**
ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION/ CHILD/ *DIABETES MELLITUS, JUVENILE, blood/ DIABETES MELLITUS, JUVENILE, complications/ DIABETES MELLITUS, JUVENILE, metabolism/ DIABETIC ANGIOPATHIES, blood/ DIABETIC ANGIOPATHIES, etiology/ FIBRINOLYSIS/ HUMAN/ HYPERLIPEMIA, complications/ LIPIDS, metabolism

9614. **Vialatel C, Richard JP:** Intérêt du temps de céphaline-kaolin en odontologie chirurgicale
Rev Odontostomatol (Paris) 5(5):341-4, Sep-Oct 76 **(Fre)**
ADULT/ AGED/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION FACTORS, physiology/ *BLOOD COAGULATION/ FEMALE/ HEMORRHAGE, ORAL, prevention & control/ HUMAN/ *KAOLIN/ MALE/ *PHOSPHATIDYLETHANOLAMINES/ TIME FACTORS/ *TOOTH, surgery

9615. **Vialushkina MD, Koshel' IV, Kurmashov VI, et al:** Individual'nyĭ prognoz stanovleniia remissii ostrogo leĭkoza po aktivnosti laktatdegidrogenazy blastnykh kletok do lecheniia i vliiaiushchie na éffektivnost' prognoza klinicheskie faktory Pediatriia (8):26-31, Aug 76 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ BLOOD CELL COUNT/ *BLOOD CELLS, enzymology/ BLOOD PLATELETS/ *BONE MARROW CELLS, enzymology/ CHILD/ ENGLISH ABSTRACT/ ENZYME TESTS/ HEMOGLOBINS, analysis/ HUMAN/ LACTATE DEHYDROGENASE, blood/ *LEUKEMIA, diagnosis/ LEUKEMIA, therapy/ LIVER, pathology/ MALE/ PROGNOSIS/ REMISSION

9616. **Viamonte M Jr:** Abdominal visceral venography.
Radiol Clin North Am 14(2):241-64, Aug 76
ADENOCARCINOMA, radiography/ CHOLANGIOMA, radiography/ CORONARY VESSELS, radiography/ HEPATIC VEIN THROMBOSIS, radiography/ HEPATOMA, radiography/ HUMAN/ KIDNEY NEOPLASMS, radiography/ LEIOMYOSARCOMA, radiography/ MESENTERIC VASCULAR OCCLUSION, radiography/ MESENTERIC VEINS, radiography/ PANCREAS, blood supply/ PANCREATIC CYST, radiography/ PANCREATIC NEOPLASMS, radiography/ PHLEBOGRAPHY/ PORTAL VEIN, radiography/ RENAL VEINS, radiography/ STOMACH, blood supply/ *THROMBOPHLEBITIS, radiography/ THROMBOSIS, radiography/ VENA CAVA, INFERIOR, radiography

9617. **Viamonte M Jr:** Radiologie des obstructions des veines viscérales. Conférence Antoine-Béclère, 7 novembre 1975
J Radiol Electrol Med Nucl 57(12):853-63, Dec 76 **(Fre)**
COLLATERAL CIRCULATION/ CORONARY DISEASE, radiography/ FISTULA, radiography/ GLOMERULONEPHRITIS, radiography/ HEPATIC VEIN THROMBOSIS, radiography/ HEPATOMA, radiography/ HUMAN/ JAUNDICE, OBSTRUCTIVE, radiography/ LEIOMYOSARCOMA, radiography/ LIVER

NEOPLASMS, radiography/ NEPHROTIC SYNDROME, radiography/ PANCREATIC CYST, radiography/ PANCREATIC NEOPLASMS, radiography/ PORTAL VEIN, radiography/ PULMONARY VEINS, radiography/ RENAL VEINS, radiography/ SPLENIC VEIN, radiography/ STOMACH NEOPLASMS, radiography/ *THROMBOPHLEBITIS, radiography/ VENA CAVA, INFERIOR, radiography

9618. **Viamonte M Jr, Pereiras R, Russell E, et al:** Transhepatic obliteration of gastroesophageal varices: results in acute and nonacute bleeders. AJR 129(2):237–41, Aug 77
ACUTE DISEASE/ CATHETERIZATION/ CHRONIC DISEASE/ *EMBOLIZATION, THERAPEUTIC/ ESOPHAGEAL VARICES, complications/ *ESOPHAGEAL VARICES, therapy/ HEMATOMA, etiology/ HEMORRHAGE, GASTROINTESTINAL, complications/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ LIVER CIRRHOSIS, complications/ LIVER DISEASES, etiology/ PORTAL VEIN/ POSTOPERATIVE COMPLICATIONS/ *STOMACH, blood supply/ VARICOSE VEINS, complications/ *VARICOSE VEINS, therapy

9619. **Vic-Dupont V:** Les phlébites septiques. Leurs conséquences et leurs traitements Phlebologie 30(1):7–14, Jan–Mar 77 (Eng. Abstr.) **(Fre)**
ANTIBIOTICS, therapeutic use/ *BACTERIAL INFECTIONS/ BACTERIAL INFECTIONS, complications/ BACTERIAL INFECTIONS, drug therapy/ CATHETERIZATION, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PHLEBITIS/ PHLEBITIS, complications/ PHLEBITIS, drug therapy/ PREGNANCY COMPLICATIONS, INFECTIOUS, drug therapy/ PREGNANCY/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy

9620. **Vicente García V, Narvaiza Solis MJ, Goñi Imizcoz M, et al:** Síndrome de Kassabach-Merritt en angiomatosis mesentérica difusa y esplenomegalia gigante Rev Med Univ Navarra 18(3–4):178–84, Sep–Dec 74 **(Spa)**
ADOLESCENCE/ ANGIOMATOSIS, pathology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ *PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, pathology/ SKIN NEOPLASMS, pathology/ SPLENOMEGALY, pathology/ SYNDROME

9621. **Victoria EJ, Mahan LC, Masouredis SP:** Immunoglobulin G disassembly during thermal denaturation in sodium dodecyl sulfate solutions. Biochemistry 16(11):2566–70, 31 May 77
BUFFERS/ CHEMISTRY/ CHYMOTRYPSIN/ ERYTHROCYTE MEMBRANE, metabolism/ *HEAT/ HUMAN/ IGA/ *IGG/ *IGG, metabolism/ IGM/ IN VITRO/ OSMOLAR CONCENTRATION/ PROTEIN DENATURATION, drug effects/ RH-HR BLOOD-GROUP SYSTEM/ *SODIUM DODECYL SULFATE/ SODIUM DODECYL SULFATE, pharmacodynamics/ SULFHYDRYL COMPOUNDS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9622. **Vieira-Matos AN, Tenenhouse A:** The effect of fasting on the in vitro synthesis of amylase in rat exocrine pancreas. Can J Physiol Pharmacol 55(1):90–7, Feb 77
*AMYLASE, biosynthesis/ ANIMAL/ CHYMOTRYPSIN, biosynthesis/ FEMALE/ *PANCREAS, enzymology/ PANCREAS, metabolism/ PROTEINS, metabolism/ RATS/ RNA, metabolism/ *STARVATION, enzymology/ STARVATION, metabolism/ TRYPSIN, biosynthesis

9623. **Vigi V, Maraschio P, Bosi G, et al:** Risk for recombinants in pericentric inversions of the (p11 leads to q21) region of chromosome 18. Hum Genet 37(1):1–5, 10 Jun 77
AUTOSOME ABNORMALITIES, pathology/ CASE REPORT/ *CHROMOSOMES, HUMAN, 16–18/ FEMALE/ HETEROZYGOTE/ HUMAN/ *HYDRONEPHROSIS, familial & genetic/ *HYPOSPADIAS, familial & genetic/ INFANT/ KARYOTYPING/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PHENOTYPE/ *RECOMBINATION, GENETIC/ URETER, abnormalities/ VAGINA, abnormalities

9624. **Vikhriev BS, Kichemasov SKh:** Nekotorye voprosy patogeneza i kliniki khronicheskoĭ venoznoĭ nedostatochnosti nizhnikh konechnosteĭ posle glubokikh ozhogov. Vestn Khir (3):19–23, Mar 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *BURNS, complications/ CHRONIC DISEASE/ ELEPHANTIASIS, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, etiology/ VARICOSE ULCER, complications/ VARICOSE ULCER, etiology/ *VENOUS INSUFFICIENCY/ VENOUS INSUFFICIENCY, etiology

9625. **Viktora L, Hermanová E, Zoubková M:** Megakaryocytopoéza a počet trombocytu po transplantaci buněk kostní dřeně letálně ozářeným myším. Cesk Radiol 31(2):82–6, Mar 77 (Eng. Abstr.) **(Cze)**
ANIMAL/ *BLOOD CELL COUNT/ *BLOOD PLATELETS, radiation effects/ *BONE MARROW CELLS, transplantation/ ENGLISH ABSTRACT/ FEMALE/ *MEGAKARYOCYTES, radiation effects/ MICE/ *RADIATION INJURIES, blood/ TRANSPLANTATION, HOMOLOGOUS

9626. **Viktora L, Málková D, Danielová V:** The complete haemogram and phagocytic activity in Rhesus monkeys (Macaca mulatta). Physiol Bohemoslov 26(3):239–42, 1977
ANIMAL/ BASOPHILS, physiology/ BLOOD PLATELETS, physiology/ EOSINOPHILS, physiology/ ERYTHROCYTE COUNT/ HEMOGLOBINS, physiology/ LEUKOCYTE COUNT/ *MACACA, blood/ MALE/ MONKEYS/ NEUTROPHILS, physiology/ *PHAGOCYTOSIS/ *RHESUS MONKEYS, blood

9627. **Vila R, Bárcena JA, Llobell A, et al:** Characterization of a membrane-bound nitrate reductase from Azotobacter chroococcum. Biochem Biophys Res Commun 75(3):682–8, 11 Apr 77
*AZOTOBACTER, enzymology/ AZOTOBACTER, ultrastructure/ CYTOCHROMES, metabolism/ DITHIONITE, metabolism/ ELECTRON TRANSPORT/ *NITRATE REDUCTASES, metabolism/ NAD, metabolism/ PARAQUAT, metabolism/ SPECTRUM ANALYSIS/ SUBCELLULAR FRACTIONS, enzymology/ VITAMIN K, pharmacodynamics

9628. **Vila V, Aznar J, Regañon E:** Acción de los productos de degradación del fibrinógeno (PDF) sobre diversos test biológicos Sangre (Barc) 21(4):814–26, 1976 (Eng. Abstr.) **(Spa)**
AGGLUTINATION, drug effects/ BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *ERYTHROCYTES, immunology/ ERYTHROCYTES, physiology/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, pharmacodynamics/ FIBRINOLYSIS, drug effects/ LATEX FIXATION TESTS/ REPTILASE, pharmacodynamics/ THROMBIN, pharmacodynamics

9629. **Viladés Juan E, Lasierra Cirujeda J, Fernández Clemente JJ:** Trombósis experimental y 'Dextrano 70'. Angiologia 29(5):214–20, Sep–Oct 77 (Eng. Abstr.)**(Spa)**
ANIMAL/ *BLOOD COAGULATION, drug effects/ *DEXTRAN, pharmacodynamics/ DEXTRAN, therapeutic use/ DRUG EVALUATION/ ENGLISH ABSTRACT/ MALE/ RABBITS/ *THROMBOSIS, drug therapy

9630. **Vilenskiĭ BS:** Ambulatornoe lechenie antikoaguliantami v profilaktike tserebral'nykh ishemii Zh Nevropatol Psikhiatr 76(8):1143–9, 1976 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ *BRAIN, blood supply/ CEREBRAL ARTERIOSCLEROSIS, complications/ CEREBRAL ARTERIOSCLEROSIS, drug therapy/

CEREBRAL EMBOLISM AND THROMBOSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, prevention & control/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HUMAN/ ISCHEMIA, complications/ *ISCHEMIA, prevention & control/ MIDDLE AGE

9631. **Vilenskiĭ BS:** Antikoagulianty v terapii ishemicheskogo insul'ta. Zh Nevropatol Psikhiatr 77(1):31–6, 1977 (Eng. Abstr.) **(Rus)**
AGED/ *ANTICOAGULANTS, therapeutic use/ *CEREBROVASCULAR DISORDERS, drug therapy/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ ISCHEMIA, drug therapy/ MIDDLE AGE/ RECURRENCE

9632. **Vilianskiĭ MP, Novikov IuV, Riabov IuV, et al:** Posttromboflebiticheskiĭ sindrom (diagnostika, konservativnoe i khirurgicheskoe lechenie) Sov Med (3):53–6, Mar 76 **(Rus)**
HUMAN/ SYNDROME/ *THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, therapy

9633. **Villaneuva GB, Danishefsky I:** Evidence for a heparin-induced conformational change on antithrombin III. Biochem Biophys Res Commun 74(2):803–9, 24 Jan 77
*ANTITHROMBINS/ ANTITHROMBINS, isolation & purification/ BINDING SITES/ CIRCULAR DICHROISM/ *HEPARIN/ HUMAN/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9634. **Villaverde CA, Pla-Delfina JM, Escolar G, et al:** Aportación al estudio cinético de la urokinasa y su posible aplicación al establecimiento de regimenes de dosificación. Arch Farmacol Toxicol 3(1):75–7, Apr 77 **(Spa)**
ANIMAL/ INJECTIONS, INTRAVENOUS/ *KINETICS/ MATHEMATICS/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ RATS/ UROKINASE, administration & dosage/ *UROKINASE, metabolism

9635. **Vilpo JA, Levanto A, Jones WA:** Effect of granulocytic chalone on acute myeloid leukaemia in man. A follow-up study. Lancet 1(8015):771–4, 9 Apr 77
ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD PLATELETS, drug effects/ BLOOD SEDIMENTATION/ BONE MARROW CELLS, drug effects/ CASE REPORT/ *CHALONES, therapeutic use/ DRUG EVALUATION/ FEMALE/ FOLLOW-UP STUDIES/ GRANULOCYTES, drug effects/ HEMOGLOBINS, analysis/ HUMAN/ LACTATE DEHYDROGENASE, blood/ LEUKEMIA, MYELOBLASTIC, blood/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ MIDDLE AGE/ RECURRENCE/ REMISSION/ URIC ACID, blood

9636. **Vinarik EM, Medvedeva TF:** Protsessy gemostaza i obmen lipidov pri khronicheskom 'pylevom' bronkhite. Vrach Delo (7):60–2, Jul 77 **(Rus)**
ADULT/ *BLOOD COAGULATION/ *BRONCHITIS, blood/ HUMAN/ *LIPIDS, blood/ MIDDLE AGE/ *MINING/ *OCCUPATIONAL DISEASES, blood

9637. **Vinazzer H:** Gerinnungsphysiologische Erscheinungen und klinische Nebenwirkungen bei Streptokinasetherapie Folia Haematol (Leipz) 103(3):468–71, 1976 **(Ger)**
ANTITHROMBINS, analysis/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION, drug effects/ FIBRINOLYSIN, analysis/ HUMAN/ PLASMINOGEN, analysis/ *STREPTOKINASE, adverse effects/ STREPTOKINASE, therapeutic use

9638. **Vinazzer H:** Prophylaxe postoperativer thrombosen Wien Med Wochenschr 127(6):191–4, 30 Mar 77 (19 ref.) **(Ger)**
ADULT/ ASPIRIN, pharmacodynamics/ *ASPIRIN, therapeutic use/ COLLAGEN, pharmacodynamics/ COUMARINS, therapeutic use/ DEXTRAN, therapeutic use/ EPINEPHRINE, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ PLATELET AGGREGATION, drug effects/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ REVIEW/ THROMBOSIS, etiology/ *THROMBOSIS, prevention & control

9639. **Vinazzer H:** On the interaction between the anti-inflammatory substance proquazone (RU 43-715) and phenprocoumone. Int J Clin Pharmacol Biopharm 15(5):214–6, May 77
ADULT/ AGED/ ANTI-INFLAMMATORY AGENTS, adverse effects/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION, drug effects/ CLINICAL RESEARCH/ DOUBLE-BLIND METHOD/ DRUG INTERACTIONS/ FACTOR VII, metabolism/ FACTOR X, metabolism/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PHENPROCOUMON, therapeutic use/ PLACEBOS/ PLATELET AGGREGATION, drug effects/ PROTHROMBIN, metabolism/ QUINAZOLINES, adverse effects/ *QUINAZOLINES, pharmacodynamics/ *4-HYDROXYCOUMARINS, therapeutic use

9640. **Vinazzer H:** Aggregationshemmung in der Prophylaxe venöser Thrombosen. Acta Med Austriaca® [Suppl] (3):226, 1976 **(Ger)**
*ASPIRIN, therapeutic use/ HUMAN/ *PLATELET AGGREGATION, drug effects/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

9641. **Vincent JE, Zijlstra FJ:** Biphasic effects of phospholipase A2 on platelet aggregation. Effect of prostaglandin synthesis inhibitors and essential fatty acid deficiency. Prostaglandins 12(6):971–9, Dec 76
ANIMAL/ ARACHIDONIC ACIDS, pharmacodynamics/ BLOOD PLATELETS, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG INTERACTIONS/ *FATTY ACIDS, ESSENTIAL, deficiency/ INDOMETHACIN, pharmacodynamics/ PHOSPHOLIPASE, administration & dosage/ *PHOSPHOLIPASE, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ *PROSTAGLANDIN ANTAGONISTS, pharmacodynamics/ PROSTAGLANDINS, biosynthesis/ RATS/ SEROTONIN, secretion/ 5,8,11,14-EICOSATETRAYNOIC ACID, pharmacodynamics

9642. **Vincent NM, Oliver DR:** Blood sedimentation at controlled shear rates. Biorheology 14(1):51–8, 77
*BLOOD SEDIMENTATION/ *BLOOD VISCOSITY/ DEXTRAN/ HEMATOLOGY, instrumentation/ HUMAN/ MOLECULAR WEIGHT

9643. **Vinograd-Finkel' FR, Lubskiĭ VN, Sukhova AG, et al:** Vybor éffektivnogo resuspendiruiushchego rastvora dlia razmorozhennykh otmytykh éritrotsitov trupnoĭ krovi Voen Med Zh (10):42–6, Oct 76 **(Rus)**
*BLOOD PRESERVATION, methods/ CADAVER/ COMPARATIVE STUDY/ *ERYTHROCYTES/ FREEZE DRYING/ HUMAN/ *SOLUTIONS, pharmacodynamics/ SUSPENSIONS/ TEMPERATURE/ TIME FACTORS

9644. **Vinograd-Finkel' FR, Leontovich VA:** Teoreticheskie problemy kriokonservirovaniia kletok krovi. Probl Gematol Pereliv Krovi (2):3–9, Feb 77 (Eng. Abstr.) **(Rus)**
BLOOD CELLS, cytology/ BLOOD CELLS, physiology/ *BLOOD PRESERVATION, methods/ CRYOPROTECTIVE AGENTS, pharmacodynamics/ ENGLISH ABSTRACT/ HUMAN/ REFRIGERATION

9645. **Viré JC, Patriarche GJ, Nowak RJ, et al:** Sepctrophotometric determination of vitamin K compounds. Anal Biochem 49(9):1343–6, Aug 77
COLORIMETRY/ SPECTROPHOTOMETRY, methods/ TITANIUM/ *VITAMIN K, analogs & derivatives/ VITAMIN K, analysis

9646. **Virella G, Yeh CJ:** The sensitivity to plasmin digestion of human IgG proteins of different heavy chain subclasses. Experientia 33(9):1251-3, 15 Sep 77
ENZYME ACTIVATION/ *FIBRINOLYSIN, metabolism/ HUMAN/ IGG, classification/ *IGG, metabolism/ *IMMUNOGLOBULIN ALLOTYPES/ KINETICS/ STREPTOKINASE, pharmacodynamics

9647. **Vischer TL, Bretz U, Baggiolini M:** In vitro stimulation of lymphocytes by neutral proteinases from human polymorphonuclear leukocyte granules. J Exp Med 144(4):863-72, 1 Oct 76
ANIMAL/ *CATHEPSIN, pharmacodynamics/ CHYMOTRYPSIN, pharmacodynamics/ COMPARATIVE STUDY/ HUMAN/ IMMUNOGLOBULINS, SURFACE, analysis/ IN VITRO/ *LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ MICE/ MICE, NUDE/ *NEUTROPHILS, enzymology/ *PANCREATOPEPTIDASE, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ SPLEEN, cytology/ THYMUS GLAND, cytology/ TRYPSIN, pharmacodynamics

9648. **Vischer TL, Bertrand L:** Stimulating effect of neutral proteases on cells in vitro. pp. 180-2.
In: Giroud JP, et al., ed. Future trends in inflammation II. Basel, Birkhauser, 1975. W3 FU966 v.2 1975.
ANIMAL/ B-LYMPHOCYTES, immunology/ *FIBROBLASTS, drug effects/ *HELA CELLS, drug effects/ HELA CELLS, metabolism/ HUMAN/ LYMPHOCYTE TRANSFORMATION, drug effects/ *LYMPHOCYTES, drug effects/ LYMPHOCYTES, immunology/ MICE/ MICE, INBRED BALB C/ MONOGRAPH/ *PEPTIDE HYDROLASES, pharmacodynamics/ PRONASE, pharmacodynamics/ STIMULATION, CHEMICAL/ STREPTOCOCCUS, enzymology/ THYMIDINE, metabolism/ TRYPSIN, pharmacodynamics

9649. **Vitkovic L, Sadoff HL:** Purification of the extracellular protease of Bacillus licheniformis and its inhibition by bacitracin. J Bacteriol 131(3):891-6, Sep 77
*BACILLUS, enzymology/ BACILLUS, metabolism/ BACITRACIN, biosynthesis/ *BACITRACIN, pharmacodynamics/ CHROMATOGRAPHY/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SERINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9650. **Vitkovic L, Sadoff HL:** In vitro production of bacitracin by proteolysis of vegetative Bacillus licheniformis cell protein. J Bacteriol 131(3):897-905, Sep 77
BACILLUS, enzymology/ BACILLUS, growth & development/ *BACILLUS, metabolism/ *BACITRACIN, biosynthesis/ *BACTERIAL PROTEINS, metabolism/ CELL-FREE SYSTEM/ PEPTIDE HYDROLASES, metabolism/ PROTEIN PRECURSORS, metabolism/ RIBOSOMES, metabolism/ SERINE/ SPORES, BACTERIAL, enzymology/ SPORES, BACTERIAL, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9651. **Vitruk SK:** Vliianie geparina na aktivnost' revmaticheskogo protsessa u bol'nykh vialo tekushchim revmokarditom Vrach Delo (2):45-50, Feb 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ *RHEUMATIC HEART DISEASE, drug therapy

9652. **Vittoz P, Dupraz F, Chataing B:** Modalités de prélèvement et de conservation du sang utilisé au cours des circulations extra-corporelles Ann Anesthesiol Fr 17(12):1317-27, 1976 (Eng. Abstr.) **(Fre)**
*BLOOD PRESERVATION, methods/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ HUMAN

9653. **Vizir AD, Grigor'eva NF, Poliakov NF:** Gemangioma serdtsa Vrach Delo (4):87-9, Apr 76 **(Rus)**
ADULT/ CASE REPORT/ FEMALE/ *HEART NEOPLASMS/ HEART NEOPLASMS, pathology/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN

9654. **Vladimirov VG, Sergienko VI, Farkhutdinov RR, et al:** Sravnitel'naia otsenka diagnosticheskikh testov pri pankreonekroze Klin Med (Mosk) 54(10):85-90, Oct 76 (Eng. Abstr.) **(Rus)**
AMYLASE, blood/ ANIMAL/ COMPARATIVE STUDY/ DOGS/ ENGLISH ABSTRACT/ *ENZYME TESTS/ EVALUATION STUDIES/ LUMINESCENCE/ NECROSIS/ *PANCREATIC DISEASES, diagnosis/ PANCREATIC DISEASES, enzymology/ PANCREATITIS, diagnosis/ TRYPSIN INHIBITORS, blood/ TRYPSIN, blood

9655. **Vlahos L, MacDonald AF, Causer DA:** Combination of isotope venography and lung scanning. Br J Radiol 49(586):840-51, Oct 76
COMPARATIVE STUDY/ HUMAN/ LEG, blood supply/ METHODS/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ *RADIONUCLIDE IMAGING/ TECHNETIUM/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography

9656. **Vlahovitch B, Fuentes JM:** Embolization of cerebral angiomas by catheterization of cortical arteries. Neuroradiology 11(5):243-8, 21 Sep 76
ADULT/ BRAIN NEOPLASMS, radiography/ *BRAIN NEOPLASMS, therapy/ CAROTID ARTERIES, radiography/ CASE REPORT/ CATHETERIZATION, methods/ CEREBRAL ANGIOGRAPHY, methods/ *CEREBRAL ARTERIES, surgery/ *EMBOLIZATION, THERAPEUTIC, methods/ HEMANGIOMA, radiotherapy/ *HEMANGIOMA, therapy/ HUMAN/ VERTEBRAL ARTERY, radiography

9657. **Vlasiuk VV, Zhvakina LI:** Gemangioma trakhei kak prichina vrozhdennogo stridora. Vopr Okhr Materin Det 22(6):80, Jun 77 **(Rus)**
*HEMANGIOMA, pathology/ HUMAN/ INFANT/ LARYNGISMUS, congenital/ *LARYNGISMUS, pathology/ MALE/ *TRACHEAL NEOPLASMS, pathology

9658. **Vlodavsky I, Sachs LOVOT, Israel.ion of myeloid leukemic cells. Relationship to free and anchored surface receptors.e reaction, cell movement/drug eff:** Regulation of cap formation by concanavalin A and differentiation of myeloid leukemic cells. Exp Cell Res 101(2):323-30, Sep 76
AZIDES, pharmacodynamics/ CELL ADHESION, drug effects/ *CELL DIFFERENTIATION/ CELL LINE/ *CELL MEMBRANE, drug effects/ CELL MOVEMENT, drug effects/ COLCHICINE, analogs & derivatives/ COLCHICINE, pharmacodynamics/ COMPLEMENT 3/ *CONCANAVALIN A, pharmacodynamics/ IMMUNE ADHERENCE REACTION/ MODELS, BIOLOGICAL/ PLANT AGGLUTININS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ VINBLASTINE, pharmacodynamics

9659. **Vogel CL, Winton EF, Moore MR, et al:** Phase I trial of dianhydrogalactitol administered Iv in a weekly schedule. Cancer Treat Rep 60(7):895-901, Jul 76
ADULT/ AGED/ AGRANULOCYTOSIS, chemically induced/ ANEMIA, chemically induced/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, pharmacodynamics/ CLINICAL RESEARCH/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG ADMINISTRATION SCHEDULE/ DULCITOL, analogs & derivatives/ DULCITOL, adverse effects/ *DULCITOL, therapeutic use/ ETHERS, CYCLIC, therapeutic use/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ *SUGAR ALCOHOLS, therapeutic use/ THROMBOPENIA, chemically induced

9660. **Vogel F:** A probable sex difference in some mutation rates [editorial]. Am J Hum Genet 29(3):312-9, May 77
FEMALE/ FERTILITY/ HEMOPHILIA, familial & genetic/ HETEROZYGOTE/ HUMAN/ LESCH-NYHAN SYNDROME, familial & genetic/ MALE/ MODELS, BIOLOGICAL/ MUSCULAR DYSTROPHY, familial & genetic/ *MUTATION/ PHENOTYPE/ SEX CHROMOSOMES/ *SEX FACTORS/ SEX RATIO

9661. **Vogel G, Huyke R:** Klinik der thrombolytischen Therapie

mit Streptokinase Folia Haematol (Leipz) 103(3):456–67, 1976 **(Ger)**

ANTIGEN-ANTIBODY REACTIONS/ FIBRINOLYSIS, drug effects/ HUMAN/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, adverse effects/ STREPTOKINASE, pharmacodynamics/ *STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy

9662. **Vogel G:** Uberlegungen zu einem standardprogramm der labordiagnostik von blutungsübeln Z Gesamte Inn Med 32(5):SUPPL 67–8, 1 Mar 77 **(Ger)**

*BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS, methods/ *HEMORRHAGE, diagnosis/ HUMAN

9663. **Vogel G, Kopp KF:** Bedarfsadaptierte Heparinisierung bei der Hämodialyse. Verh Dtsch Ges Inn Med 82 Pt 2:1563–5, 1976 **(Ger)**

*HEMODIALYSIS, methods/ *HEPARIN, administration & dosage/ HUMAN/ KIDNEY FAILURE, ACUTE, therapy/ KIDNEY FAILURE, CHRONIC, therapy

9664. **Vogel GE:** Bestimmung der aktivierten partiellen Thromboplastinzeit zur exakten Heparinmonitorisierung Med Klin 72(6):207–11, 11 Feb 77 (Eng. Abstr.) **(Ger)**

*BLOOD COAGULATION TESTS, methods/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HEMODIALYSIS/ HEMORRHAGE, prevention & control/ *HEPARIN, administration & dosage/ HUMAN/ THROMBOPLASTIN

9665. **Vogel GE:** Bestimmung der aktivierten partiellen Thromboplastinzeit zur exakten Heparinmonitorisierung Med Klin 72(6):207–11, 11 Feb 77 (Eng. Abstr.) **(Ger)**

*BLOOD COAGULATION TESTS, methods/ BLOOD PLATELETS/ CENTRIFUGATION/ ENGLISH ABSTRACT/ HEMORRHAGE, prevention & control/ *HEPARIN, administration & dosage/ HUMAN/ THROMBOPLASTIN/ TIME FACTORS

9666. **Vogel GE, Goldmann FL, Jelen S, et al:** Zur Kontrolle der Heparinisierung bei der Hämodialyse des akuten Nierenversagens. Med Welt 28(19):899–902, 13 May 77 **(Ger)**

*BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ *HEMODIALYSIS/ *HEPARIN, administration & dosage/ HUMAN/ KIDNEY FAILURE, ACUTE, therapy/ THROMBIN/ THROMBOPLASTIN

9667. **Vogt A, Tkamiya H, Kim WA:** Some problems involved in postembedding staining. pp. 109–15.
In: Feldman C, et al., ed. Immunoenzymatic techniques. Amsterdam, North-Holland, 1976. W3 I35 no.2 1975.

ANIMAL/ ANTIGENIC DETERMINANTS/ *ANTIGENS, analysis/ CORTICOTROPIN, analysis/ ETHERS/ FLUORESCENT ANTIBODY TECHNIC/ FORMIC ACIDS/ *HISTOLOGICAL TECHNICS/ IGG, analysis/ *IMMUNOENZYME TECHNICS/ INDICATORS AND REAGENTS/ INSULIN, analysis/ *KIDNEY, immunology/ MONOGRAPH/ PANCREAS, analysis/ PEPTIDE HYDROLASES/ PITUITARY GLAND, ANTERIOR, analysis/ RATS/ SALMONELLA TYPHIMURIUM, immunology/ STAINS AND STAINING/ STYRENES/ SWINE

9668. **Vogt V, Dugal B:** Generation of an esterolytic and kinin-forming kallikrein-alpha2-macroglobulin complex in human serum by treatment with acetone. Naunyn Schmiedebergs Arch Pharmacol 294(1):75–84, 16 Jul 76

*ACETONE, pharmacodynamics/ *ALPHA MACROGLOBULINS/ ENZYME ACTIVATION/ HUMAN/ KALLIKREIN, antagonists & inhibitors/ *KALLIKREIN, blood/ KALLIKREIN, isolation & purification/ KININOGENS, blood/ MOLECULAR WEIGHT/ PROTEIN BINDING

9669. **Vögtlin J, Hagmann W, Gruber UF:** Die Wirkung verschiedener Micropore-Blutfilter Anaesthesist 26(2):56–63, Feb 77 (Eng. Abstr.) **(Ger)**

BLOOD CELLS/ BLOOD TRANSFUSION, adverse effects/ BLOOD/ COSTS AND COST ANALYSIS/ EMBOLISM, prevention & control/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ *MICROPORE FILTERS/ NYLON/ POLYESTERS/ POLYETHYLENE TEREPHTHALATE/ POLYURETHANES/ PRESSURE

9670. **Voigt K, Djindjian R:** Diagnostische und therapeutische Ergebnisse superselektiver cerebraler Angiographien bei pathologischen Läsionen im Carotis-Externa-Bereich des Menschen Radiologe 16(10):436–43, Oct 76 (Eng. Abstr.) **(Ger)**

ADOLESCENCE/ ADULT/ ARTERIOVENOUS FISTULA, radiography/ BRAIN NEOPLASMS, blood supply/ BRAIN NEOPLASMS, radiography/ BRAIN NEOPLASMS, therapy/ *CAROTID ARTERY DISEASES, radiography/ CAROTID ARTERY, EXTERNAL, abnormalities/ CAROTID ARTERY, EXTERNAL, radiography/ CATHETERIZATION, methods/ *CEREBRAL ANGIOGRAPHY, methods/ EMBOLIZATION, THERAPEUTIC/ ENGLISH ABSTRACT/ FEMALE/ GELFOAM, therapeutic use/ HEMANGIOMA, radiography/ HEMANGIOMA, therapy/ HUMAN/ LIP NEOPLASMS, blood supply/ LIP NEOPLASMS, radiography/ MALE/ MENINGEAL ARTERIES, radiography/ MENINGIOMA, radiography/ MIDDLE AGE/ SKULL NEOPLASMS, radiography/ TEMPORAL BONE

9671. **Voĭtenok NN, Varivotskaia NV, Murzenok PP, et al:** Fiziko-khimicheskie svoĭstva mitogennogo faktora limfotsitov cheloveka, indutsirovannogo fitogemaggliutininom Biull Eksp Biol Med 82(8):963–5, Aug 76 (Eng. Abstr.) **(Rus)**

CELLS, CULTURED/ CHEMISTRY, PHYSICAL/ CHROMATOGRAPHY, GEL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ HUMAN/ IN VITRO/ ISOELECTRIC FOCUSING/ *LYMPHOCYTES, drug effects/ *MITOGENS, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ *PLANT AGGLUTININS, pharmacodynamics

9672. **Volger E, Emmerich B, Schmid-Schönbein H, et al:** Mikrorheologische Verhalten bei Plasmazell-Dyskrasie. Verh Dtsch Ges Inn Med 82 Pt 2:1616–9, 1976 **(Ger)**

BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ HUMAN/ MICROMANIPULATION/ *PARAPROTEINEMIAS, blood/ *RHEOLOGY

9673. **Volkolakov IaV, Tkhor SN, Il'inskiĭ IM:** Povtornye vospalitel'nye operatsii na briushnoĭ aorte i ee vetviakh. Vestn Khir 118(6):77–80, Jun 77 (Eng. Abstr.) **(Rus)**

ADULT/ *AORTA, ABDOMINAL, surgery/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ THROMBOSIS, surgery

9674. **Volkov MS, Frolova GF:** Perevarivanie belkov syrogo i kulinarnoobrabotannogo miasa korov ural'skikh porod. Vopr Pitan (2):67–70, Mar-Apr 77 (Eng. Abstr.) **(Rus)**

ANIMAL/ CATALYSIS/ CATTLE/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *MEAT/ *PEPSIN/ SPECIES SPECIFICITY/ *TRYPSIN/ USSR

9675. **Volkov VS, Anikin VV, Trotsiuk VV:** Sostoianie mikrotsirkuliatsii u bol'nykh stenokardieĭ (po dannym kon'iunktival'noĭ biomikroskopii). Kardiologiia 17(5):41–5, May 77 (Eng. Abstr.) **(Rus)**

ANEURYSM, etiology/ ANGINA PECTORIS, complications/ *ANGINA PECTORIS, physiopathology/ CAPILLARIES, pathology/ *CONJUNCTIVA, blood supply/ ENGLISH ABSTRACT/ EXERCISE TEST/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ MALE/ *MICROCIRCULATION/ MICROSCOPY/ MIDDLE AGE/ THROMBOSIS, etiology

9676. **Volkov VV, Danilichev VF, Kaverina ZA, et al:** O mestnom deistvii terrilitina i ego osnovnogo komponenta pri subkon'iunktival'nom vvedenii (eksperimental'noe issledovanie) Vestn Oftalmol (1):41–4, 1977 (Eng. Abstr.) **(Rus)**

ANIMAL/ CONJUNCTIVA, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG COMBINATIONS/ DRUG EVALUATION/ DRUG SCREENING/ ENGLISH ABSTRACT/ *EYE, drug effects/ *FIBRINOLYTIC AGENTS, administration &

dosage/ FIBRINOLYTIC AGENTS, pharmacodynamics/ IMMUNOELECTROPHORESIS/ INJECTIONS/ *PEPTIDE HYDROLASES, administration & dosage/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS

9677. **Vollmar F, Bernstein K, Böttger W, et al:** Morphologische Untersuchungen experimenteller Koronarthrombosen des Schweines Zentralbl Allg Pathol 120(4):293–302, 1976 (Eng. Abstr.) **(Ger)**
ANIMAL/ *CORONARY DISEASE, pathology/ ELECTRICITY/ ENGLISH ABSTRACT/ FEMALE/ MALE/ MYOCARDIAL INFARCT, pathology/ SWINE/ THROMBOEMBOLISM, complications

9678. **Vollmar J, Vogt K:** Angiodysplasie und Skeletsystem Chirurg 47(4):205–13, Apr 76 (Eng. Abstr.) **(Ger)**
*ANGIOMATOSIS, complications/ ARTERIOVENOUS MALFORMATIONS, surgery/ *BONE NEOPLASMS, complications/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *GROWTH DISORDERS, complications/ HEMANGIOMA, surgery/ HUMAN/ KLIPPEL-TRENAUNAY DISEASE, surgery/ MALE/ MIDDLE AGE/ PURPURA, THROMBOPENIC, surgery/ SKIN NEOPLASMS, surgery/ STURGE-WEBER SYNDROME, surgery/ SYNDROME/ TIME FACTORS

9679. **Voloboev NA:** Aktivnost' trombotsitov pri ostrykh zabolevaniiakh organov briushnoĭ polosti Khirurgiia (Mosk) (3):74–8, Mar 76 (Eng. Abstr.) **(Rus)**
*ABDOMEN, ACUTE, blood/ ADULT/ *BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION

9680. **Volodina TV, Kozel'tsev VL, Rebrov LB, et al:** Proteoliticheskaia aktivnost' v mitokhondriiakh pecheni krys. Vopr Med Khim (3):338–43, May–Jun 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ CATHEPSIN, metabolism/ ENGLISH ABSTRACT/ FORMALDEHYDE, pharmacodynamics/ IN VITRO/ LYSOSOMES, enzymology/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RATS

9681. **Volokhonskaia LI, Veremeenko KN, Groma SP:** Proteoliticheskie fermenty v limfotsitakh nebnykh mindalin u bol'nykh khronicheskim tonzillitom Zh Ushn Nos Gorl Bolezn (3):41–5, May–Jun 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ *LYMPHOCYTES, enzymology/ *PEPTIDE HYDROLASES, metabolism/ TONSIL, cytology/ *TONSIL, enzymology/ *TONSILLITIS, enzymology

9682. **Volova TN, Krasavina TS, Gornik VM:** Pokazateli svertyvaiushcheĭ i protivosvertyvaiushcheĭ sistem krovi u bol'nykh vibratsionnoĭ bolexn'iu, byzvannoĭ obshcheĭ vibratsiei Gig Tr Prof Zabol (5):51–4, 1977 **(Rus)**
ADULT/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ COMPARATIVE STUDY/ *FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ *OCCUPATIONAL DISEASES, physiopathology/ *VIBRATION, adverse effects

9683. **Volpin G, Oliver S, Katznelson A:** [Rheomacrodex in the prevention of thromboembolic complications following total hip replacement] Harefuah 91(8):213–5, 15 Oct 76 (Eng. Abstr.) **(Heb)**
*ARTHROPLASTY/ *DEXTRAN, administration & dosage/ ENGLISH ABSTRACT/ *HIP JOINT, surgery/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

9684. **von Braun HH, Henning H, Lüders CJ, et al:** Beziehungen zwischen Thrombozytenzahl, klinischer Diagnose und histologischem Leberbefund bei chronisch Leberkranken Z Gastroenterol 14(5): 538–47, Sep 76 (Eng. Abstr.) **(Ger)**
ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIVER CIRRHOSIS, blood/ *LIVER DISEASES, blood/ LIVER DISEASES, complications/ *LIVER, pathology/ MALE/ MIDDLE AGE/ SPLEEN, pathology/ THROMBOPENIA, etiology

9685. **von der Emde J:** Früh- und Spätergebnisse nach Herzklappenersatz Med Klin 72(4):107–11, 28 Jan 77 (9 ref.) **(Ger)**
FOLLOW-UP STUDIES/ HEART SURGERY, adverse effects/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, methods/ HUMAN/ PROGNOSIS/ PROSTHESIS DESIGN/ REVIEW/ THROMBOEMBOLISM, etiology

9686. **Von Der Lippe G:** The absorption of vitamin B12 after subtotal pancreatectomy in the rat. Scand J Gastroenterol 11(7):683–8, 1976
ANIMAL/ GASTRIC MUCOSA, metabolism/ *INTESTINAL ABSORPTION/ MALE/ PANCREAS, physiology/ *PANCREATECTOMY/ PANCREATIC JUICE, secretion/ RATS/ TRYPSIN, secretion/ *VITAMIN B 12, metabolism

9687. **Von der Lippe G, Andersen KJ, Mörkrid L, et al:** Pancreatic extract and the intestinal uptake of vitamin B12. II. Inhibitory effect of trypsin and trypsinogen. Scand J Gastroenterol 12(2):177–82, 1977
ANIMAL/ CHYMOTRYPSIN, pharmacodynamics/ DIALYSIS/ HEAT/ *INTESTINAL ABSORPTION, drug effects/ INTESTINE, SMALL, metabolism/ INTRINSIC FACTOR, metabolism/ MALE/ *PANCREATIC EXTRACTS, pharmacodynamics/ PERFUSION/ PROTEIN BINDING, drug effects/ RATS/ *TRYPSIN, pharmacodynamics/ *TRYPSINOGEN, pharmacodynamics/ *VITAMIN B 12, metabolism

9688. **von Felten A, Kuster J:** Anti-platelet autoantibodies with new specificities detected in patients after renal allotransplantation. Transplantation 22(5):531–3, Nov 76
*ANTIBODY SPECIFICITY/ *AUTOANTIBODIES, analysis/ *BLOOD PLATELETS, immunology/ HUMAN/ *KIDNEY, transplantation/ TIME FACTORS/ TRANSPLANTATION, ALLOGENEIC

9689. **von Felten A:** Antithrombozytäre Antikörper Schweiz Med Wochenschr 106(40):1340–5, 2 Oct 76 (Eng. Abstr.) **(Ger)**
AGRANULOCYTOSIS, immunology/ *ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS/ AUTOANTIBODIES/ *BLOOD PLATELETS, immunology/ ENGLISH ABSTRACT/ HUMAN/ ISOANTIGENS/ PURPURA, THROMBOPENIC, immunology/ SPECIES SPECIFICITY

9690. **von Hartitzsch B, Kerr DN, Morley G, et al:** Androgens in the anaemia of chronic renal failure. Nephron 18(1):13–20, 1977
ADULT/ ANEMIA, complications/ *ANEMIA, drug therapy/ HEMATOMA, etiology/ HEMODIALYSIS/ HEMOGLOBINS, analysis/ HUMAN/ KIDNEY FAILURE, CHRONIC, blood/ *KIDNEY FAILURE, CHRONIC, complications/ MALE/ MIDDLE AGE/ PRIAPISM, chemically induced/ TESTOSTERONE, administration & dosage/ TESTOSTERONE, adverse effects/ TESTOSTERONE, blood/ *TESTOSTERONE, therapeutic use

9691. **von Hospenthal J, Frey C, Rutishauser G, et al:** Thromboseprophylaxe bei transurethraler Prostataresektion Urologe [A] 16(2):88–92, Mar 77 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ COMPARATIVE STUDY/ *DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE RADIOISOTOPES, diagnostic use/ MALE/ MIDDLE AGE/ PROSPECTIVE STUDIES/ *PROSTATECTOMY, adverse effects/ PROSTATECTOMY, methods/ PULMONARY EMBOLISM, prevention & control/ THROMBOSIS, diagnosis/ *THROMBOSIS, prevention & control/ URETHRA

9692. **von Hugo R, Hafter R, Stein B, et al:** Incorporation of 125 I-fibrinogen in circulating soluble fibrin monomer

complexes during hypercoagulability. Thromb Res 10(5):703–10, May 77
ANIMAL/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, etiology/ CHROMATOGRAPHY, AFFINITY/ DISEASE MODELS, ANIMAL/ ENDOTOXINS/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ IODINE RADIOISOTOPES/ RABBITS/ SALMONELLA ENTERITIDIS

9693. **von Kaulla E, von Kaulla KN:** Uber die Rolle von Antithrombin-III-Aktivität bei Ubergerinnungstendenz Dtsch Med Wochenschr 102(13):496, 1 Apr 77 **(Ger)**
*ANTITHROMBINS, analysis/ *BLOOD COAGULATION DISORDERS, blood/ HUMAN

9694. **von Kaulla KN:** Synthetische Fibrinolytika. Eigene Erfahrungen und Vorschläge Folia Haematol (Leipz) 103(3):313–42, 1976 **(Ger)**
P-AMINOBENZOIC ACID, pharmacodynamics/ BLOOD COAGULATION TESTS, methods/ FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS/ HUMAN/ HYDRAZINES, pharmacodynamics/ MALE/ MIDDLE AGE/ NIFLUMIC ACID, pharmacodynamics/ PLASMINOGEN ACTIVATORS, pharmacodynamics/ PYROGENS, pharmacodynamics

9695. **von Knorring L, Oreland L, Perris C:** Neurophysiological measures and visual averaged evoked responses in psychiatric patients. Relationship to monoamine oxidase activity in platelets. Neuropsychobiology 3(2–3):65–74, 1977
ADULT/ AGE FACTORS/ AGED/ *BLOOD PLATELETS, enzymology/ *EVOKED POTENTIALS/ FEMALE/ HUMAN/ MALE/ MENTAL DISORDERS, blood/ *MENTAL DISORDERS, enzymology/ MENTAL DISORDERS, physiopathology/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ PHENETHYLAMINES/ PHOTIC STIMULATION/ REACTION TIME/ TRYPTAMINES/ *VISUAL CORTEX, physiology

9696. **Von Schenck H, Jeppsson JO:** Preparation of monoiodotyrosine-13-glucagon. Biochim Biophys Acta 491(2):503–8, 25 Apr 77
AMINO ACIDS, analysis/ *GLUCAGON/ GLUCAGON, isolation & purification/ *IODOPROTEINS, biosynthesis/ IODOPROTEINS, isolation & purification/ *LACTOPEROXIDASE/ METHODS/ PEPTIDE FRAGMENTS, analysis/ *PEROXIDASES/ TRYPSIN

9697. **von Seebach A, von Seebach HB, Ehrenhardt HP:** Chronische Pigment-purpura. Purpura pigmentosa chronica, Majocchi-Schamberg Med Welt 27(44):2113–6, 29 Oct 76 **(Ger)**
DERMATITIS MEDICAMENTOSA/ FEMALE/ HUMAN/ LEG DERMATOSES, pathology/ MIDDLE AGE/ *PIGMENTATION DISORDERS, pathology/ *PURPURA, pathology/ *SCHAMBERG'S DISEASE, pathology/ SKIN, pathology/ SYNDROME/ *TELANGIECTASIS, pathology

9698. **von Voss H, Petrich C, Tomaschoff J, et al:** Zur Standardisierung der ADP-induzierten Thrombozytenaggregation Blut 33(2):89–96, Aug 76 (Eng. Abstr.) **(Ger)**
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS/ ENGLISH ABSTRACT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MIDDLE AGE/ *PLATELET AGGREGATION, drug effects/ TEMPERATURE/ TIME FACTORS

9699. **von Voss H, Petrich C, Göbel U:** Retention der Thrombozyten bei Neugeborenen Klin Paediatr 188(6):508–11, Nov 76 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ APGAR SCORE/ BILIRUBIN, blood/ BIRTH WEIGHT/ *BLOOD PLATELETS/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ FEMALE/ HUMAN/ *INFANT, NEWBORN/ MALE

9700. **von Wichert P:** Therapeutische und prophylaktische Ansatzpunkte bei 'Schocklunge'
Dtsch Med Wochenschr 102(12):444–5, 25 Mar 77 **(Ger)**
BLOOD TRANSFUSION/ HEPARIN, therapeutic use/ HUMAN/ PLASMA SUBSTITUTES, therapeutic use/ RESPIRATION, ARTIFICIAL/ RESPIRATORY DISTRESS SYNDROME, ADULT, drug therapy/ RESPIRATORY DISTRESS SYNDROME, ADULT, prevention & control/ *RESPIRATORY DISTRESS SYNDROME, ADULT, therapy

9701. **Von Zabern I, Wittmann-Liebold B, Untucht-Grau R, et al:** Primary and tertiary structure of the principal human adenylate kinase. Eur J Biochem 68(1):281–90, Sep 76
*ADENYLATE KINASE/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CYANOGEN BROMIDE/ HOMOZYGOTE/ HUMAN/ *MUSCLES, enzymology/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOTRANSFERASES, ATP/ PROTEIN CONFORMATION/ SPECIES SPECIFICITY/ SWINE/ TRYPSIN/ X-RAY DIFFRACTION

9702. **von Zeipel G, Hanson HS, von Stedingk LV:** Purification from euglobulin of the first component (C1) of complement and its subcomponents by heparin–sepharose chromatography. Acta Pathol Microbiol Scand [C] 85(2):123–30, Apr 77
CHROMATOGRAPHY, DEAE-CELLULOSE/ *COMPLEMENT 1, isolation & purification/ *COMPLEMENT, isolation & purification/ HEPARIN/ HUMAN/ IGG, analysis/ IGM, analysis/ *SERUM GLOBULINS, analysis

9703. **Voorting-Hawking M, Michael JG:** Isolation and characterization of immunoregulatory factors from normal human serum. I. Preliminary biochemical and biological characterization of immunosuppressive factors.
J Immunol 118(2):505–13, Feb 77
ANIMAL/ ANTIBODY FORMATION/ CELL SURVIVAL/ CHROMATOGRAPHY, ION EXCHANGE/ CONCANAVALIN A, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, IMMUNOLOGIC/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ HUMAN/ IMMUNOELECTROPHORESIS/ *IMMUNOSUPPRESSIVE AGENTS, analysis/ IMMUNOSUPPRESSIVE AGENTS, blood/ IMMUNOSUPPRESSIVE AGENTS, isolation & purification/ LIPOPOLYSACCHARIDES, pharmacodynamics/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES/ MERCAPTOETHANOL, pharmacodynamics/ MICE/ MICE, INBRED C57BL/ MICE, NUDE/ PERIODIC ACIDS, pharmacodynamics/ TRYPSIN, pharmacodynamics

9704. **Vopodin EE:** Ispol'zovanie otechestvennogo tromboelastografa 'ISK-1' v kachestve agregatora Lab Delo (4):204–8, 1976 **(Rus)**
HUMAN/ MYOCARDIAL INFARCT, blood/ PLATELET AGGREGATION/ *THROMBELASTOGRAPHY, instrumentation/ USSR

9705. **Vorberg G:** Effektive Therapie chronisch-arterieller Durchblutungsstörungen mit Nico-Padutin forte Munch Med Wochenschr 118(44):1429–32, 29 Oct 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ CHOLESTEROL, blood/ CHRONIC DISEASE/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ GAIT/ HUMAN/ *KALLIKREIN, therapeutic use/ LONG TERM CARE/ MALE/ MIDDLE AGE/ *NICOTINIC ACIDS, therapeutic use

9706. **Vorlová Z, Přibylová J:** Hyperfibrinogenemie a etanolový gelifikační test Vnitr Lek 22(10):1003–8, Oct 76 (Eng. Abstr.) **(Cze)**
*ALCOHOL, ETHYL, diagnostic use/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ *FIBRINOGEN, metabolism/ HUMAN/ METHODS

9707. **Vorob'ev AA, Ukraintsev AD, Berezhnoĭ AM, et al:** Vliianie fermentov i sekretov zheludochno-kishechnogo trakta na

vaktsinnyĭ shtamm EB
Zh Mikrobiol Epidemiol Immunobiol (10):98–102, Oct 76 (Eng. Abstr.) **(Rus)**
BILE, metabolism/ CELL WALL, ultrastructure/ ENGLISH ABSTRACT/ GASTRIC JUICE, metabolism/ *GASTROINTESTINAL SYSTEM, metabolism/ GUINEA PIGS/ HUMAN/ INTESTINAL SECRETIONS, metabolism/ *PLAGUE VACCINE/ RABBITS/ SALIVA, metabolism/ TRYPSIN, metabolism/ *YERSINIA PESTIS/ YERSINIA PESTIS, ultrastructure

9708. **Vospel'nikova ND, Safronova MI, Nagradova NK:** Issledovanie struktury D-glitseral'degid-3-fosfatdegidrogenazy iz skeletnykh myshts krysy Biokhimiia 42(4):677–86, Apr 77 (Eng. Abstr.) **(Rus)**
ALKYLATION/ AMINO ACIDS, analysis/ ANIMAL/ CHEMISTRY/ CYSTEINE, metabolism/ ENGLISH ABSTRACT/ *GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, metabolism/ MACROMOLECULAR SYSTEMS/ *MUSCLES, enzymology/ PEPTIDE FRAGMENTS/ RABBITS/ RATS/ SPECIES SPECIFICITY/ SULFHYDRYL COMPOUNDS/ TEMPERATURE/ TRYPSIN

9709. **Vovchuk SV, Levitskiĭ AP, Osadchiĭ BD, et al:** Vliianie kallikreina podcheliustnykh zhelez sobak na zheludochnuiu sekretsiiu Fiziol Zh SSSR 63(1):131–8, Jan 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ DOGS/ ENGLISH ABSTRACT/ *GASTRIC MUCOSA, secretion/ *KALLIKREIN, pharmacodynamics/ *SUBMANDIBULAR GLAND, analysis

9710. **Voyles BA, McGrath CM:** Markers to distinguish normal and neoplastic mammary epithelial cells in vitro: comparison of saturation density, morphology and concanavalin A reactivity. Int J Cancer 18(4):498–509, 15 Oct 76
ANIMAL/ AUTORADIOGRAPHY/ CELL AGGREGATION, drug effects/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ COMPARATIVE STUDY/ *CONCANAVALIN A, diagnostic use/ CONCANAVALIN A, pharmacodynamics/ *EPITHELIAL CELLS/ FEMALE/ HEMADSORPTION, drug effects/ HYALURONIDASE, pharmacodynamics/ *MAMMARY NEOPLASMS, EXPERIMENTAL, pathology/ MICE/ MICE, INBRED STRAINS/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9711. **Vreeken J:** Anticoagulant therapy in myocardial infarction. Compr Ther 2(12):50–2, Dec 76
ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, therapeutic use/ CORONARY DISEASE, drug therapy/ COUMARINS, administration & dosage/ COUMARINS, adverse effects/ COUMARINS, therapeutic use/ DRUG INTERACTIONS/ HEMORRHAGE, chemically induced/ HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, drug therapy/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, etiology/ THROMBOSIS, prevention & control

9712. **Vukas A, Velfl D, Gligora M:** Ultrastructural features of psoralen plus black light induced successive changes in psoriatic cell. Dermatologica 154(5):277–83, 1977
CELL NUCLEUS, drug effects/ CELL NUCLEUS, radiation effects/ CELL NUCLEUS, ultrastructure/ *COUMARINS, therapeutic use/ CYTOPLASM, drug effects/ CYTOPLASM, radiation effects/ CYTOPLASM, ultrastructure/ DESMOSOMES, drug effects/ DESMOSOMES, radiation effects/ DESMOSOMES, ultrastructure/ *FICUSIN, therapeutic use/ HUMAN/ *PSORIASIS, drug therapy/ *PSORIASIS, radiotherapy/ VACUOLES, drug effects/ VACUOLES, radiation effects/ VACUOLES, ultrastructure

9713. **Vukovich T, Doleschel W, Koller E:** Bildung von Untereinheiten des antihämophilen Globulins bei der Einwirkung grosser Zentrifugalkräfte
Wien Klin Wochenschr 89(10):345–7, 13 May 77 (Eng. Abstr.) **(Ger)**
CHEMISTRY/ ENGLISH ABSTRACT/ *FACTOR VIII, isolation & purification/ HUMAN/ MOLECULAR WEIGHT/ ULTRACENTRIFUGATION

9714. **Vukovich T:** Quantitative determination of plasmin: a fibrinogenolytic method. Clin Chim Acta 79(2):285–90, 1 Sep 77
ANIMAL/ CASEIN, diagnostic use/ *FIBRINOGEN, diagnostic use/ FIBRINOGEN, metabolism/ *FIBRINOLYSIN, analysis/ METHODS/ SERUM GLOBULINS/ SWINE/ UROKINASE

9715. **Vulimiri L, Linder MC, Munro HN, et al:** Structural features of rat cardiac ferritins. Biochim Biophys Acta 491(1):67–75, 28 Mar 77
AMINO ACIDS, analysis/ ANIMAL/ FEMALE/ *FERRITIN/ FERRITIN, isolation & purification/ ISOELECTRIC FOCUSING/ LIVER, analysis/ *MYOCARDIUM, analysis/ ORGAN SPECIFICITY/ PEPTIDE FRAGMENTS, analysis/ RATS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9716. **Vybornykh SN, Loriia ZhK, Egorov NS:** Vliianie gliukozy i ionov ammoniia na sintez ékzoproteaz Actinomyces thermovulgaris T-54 Biol Nauki (8):105–8, 1976 **(Rus)**
*AMMONIUM SULFATE, pharmacodynamics/ ARGININE, pharmacodynamics/ CHLORAMPHENICOL, pharmacodynamics/ CULTURE MEDIA/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYME INDUCTION, drug effects/ *GLUCOSE, pharmacodynamics/ IONS/ *PEPTIDE HYDROLASES, biosynthesis/ *STREPTOMYCES, drug effects/ STREPTOMYCES, growth & development

9717. **Vybornykh SN, Loriia ZhK, Egorov NS:** Vliianie aminokislot na sintez vnekletochnykh proteaz u Actinomyces thermovulgaris. Mikrobiologiia 46(2):227–31, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
*AMINO ACIDS, pharmacodynamics/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES, biosynthesis/ *STREPTOMYCES, enzymology

9718. **Vygovskaia IaI, Vorobel'AV:** Koaguliatsionnoĭ gomeostaz i kininovaia sistema pri ostrom vnutrisosudistom gemolize Probl Gematol Pereliv Krovi 22(1):29–32, Jan 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ *ANEMIA, HEMOLYTIC, blood/ ANIMAL/ *BLOOD COAGULATION/ DOGS/ ENGLISH ABSTRACT/ *KININS, blood/ RABBITS

W

9719. **Wackenheim A, van Damme W, Kosmann P, et al:** Computed tomography in ophthalmology. Density changes with orbital lesions. Neuroradiology 13(3):135–8, 31 May 77
ARTERIOVENOUS FISTULA, radiography/ CAROTID ARTERY DISEASES, radiography/ CATARACT, radiography/ CAVERNOUS SINUS, radiography/ *DENSITOMETRY, X-RAY/ DERMOID CYST, radiography/ FIBROMA, radiography/ GLIOMA, radiography/ HEMATOMA, radiography/ HUMAN/ HYPERTHYROIDISM, radiography/ MUCOCELE, radiography/ NEOPLASM METASTASIS/ OPTIC NERVE/ *ORBIT, radiography/ *ORBITAL NEOPLASMS, radiography/ RETINOBLASTOMA, radiography/ TERATOID TUMOR, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

9720. **Waclawczyk H, Guzikowska E, Ramos A, et al:** Przycznek do etiologii wysięków podtwardówkowych u niemowlęcia. Pediatr Pol 52(6):671–3, Jun 77 **(Pol)**
AGE FACTORS/ BLOOD COAGULATION DISORDERS, complications/ CASE REPORT/

FEMALE/ *HEMATOMA, SUBDURAL, etiology/ HUMAN/ INFANT

9721. **Wagener DJ, Haanen C:** Total serum haemolytic complement activity, erythrocyte sedimentation rate and plasma fibrinogen as indicators of the stage in Hodgkin's disease. Eur J Clin Invest 7(4):289–94, Aug 77
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD SEDIMENTATION/ *COMPLEMENT, physiology/ FEMALE/ *FIBRINOGEN, physiology/ HEMOLYSIS/ HODGKIN'S DISEASE, pathology/ *HODGKIN'S DISEASE, physiopathology/ HUMAN/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE

9722. **Wagenknecht LV:** Urologische Aspekte bei retroperitonealem Hämatom Urologe [A] 16(1):9–14, Jan 77 (Eng. Abstr.) **(Ger)**
ADULT/ ANEURYSM/ BIOPSY, adverse effects/ BLADDER, injuries/ CASE REPORT/ CHILD, PRESCHOOL/ DRAINAGE/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA/ HEMATOMA, diagnosis/ HEMATOMA, etiology/ HEMATOMA, radiography/ HEMATOMA, therapy/ HEMATURIA/ HUMAN/ IATROGENIC DISEASE/ KIDNEY, injuries/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ RENAL ARTERY/ *RETROPERITONEAL SPACE/ RUPTURE/ URETHRA, injuries/ WOUNDS AND INJURIES, complications

9723. **Wagner G, DeMarco A, Wüthrich K:** Dynamics of the aromatic amino acid residues in the globular conformation of the basic pancreatic trypsin inhibitor (BPTI). I. 1H NMR studies. Biophys Struct Mech 2(2):139–58, 23 Aug 76
*AMINO ACIDS, analysis/ HYDROGEN-ION CONCENTRATION/ *KALLIKREIN-TRYPSIN INACTIVATOR, analysis/ NUCLEAR MAGNETIC RESONANCE/ PHENYLALANINE, analysis/ PROTEIN CONFORMATION/ TYROSINE, analysis

9724. **Wagner O, Piza F:** Thrombektomie--chirurgische Therapie venöser Thrombosen. Acta Med Austriaca® [Suppl] (3):225–6, 1976 **(Ger)**
HUMAN/ LEG/ *THROMBOPHLEBITIS, surgery

9725. **Wagner WD, Clarkson TB:** Effect on regression potential of atherosclerosis produced by intermittent or continuous hypercholesterolemia. Atherosclerosis 27(3):369–81, Jul 77
ANIMAL/ AORTA, analysis/ AORTA, pathology/ *ARTERIOSCLEROSIS, etiology/ ATHEROSCLEROSIS, blood/ *ATHEROSCLEROSIS, etiology/ ATHEROSCLEROSIS, pathology/ CALCIUM, analysis/ CHOLESTEROL, analogs & derivatives/ CHOLESTEROL, analysis/ CHOLESTEROL, blood/ COLLAGEN, analysis/ DIET, ATHEROGENIC/ FEMALE/ HYPERCHOLESTEREMIA, chemically induced/ *HYPERCHOLESTEREMIA, complications/ INNOMINATE ARTERY, analysis/ INNOMINATE ARTERY, pathology/ MALE/ PHOSPHATES, analysis/ PIGEONS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9726. **Wagner WD, Clarkson TB, Foster J:** Contrasting effects of ethane-1-hydroxy-1,1-diphosphonate (EHDP) on the regression of two types of dietary-induced atherosclerosis. Atherosclerosis 27(4):419–35, Aug 77
ANIMAL/ AORTA, THORACIC, pathology/ ARTERIES, pathology/ *ARTERIOSCLEROSIS, drug therapy/ *ATHEROSCLEROSIS, drug therapy/ ATHEROSCLEROSIS, pathology/ BONE AND BONES, metabolism/ CALCIUM, blood/ CALCIUM, metabolism/ CHOLESTEROL, blood/ COMPARATIVE STUDY/ DIET, ATHEROGENIC/ FEMALE/ LIVER, pathology/ MALE/ MYOCARDIUM, pathology/ ORGAN WEIGHT/ PHOSPHORUS, blood/ PHOSPHORUS, metabolism/ PIGEONS/ REMISSION/ SODIUM ETIDRONATE, administration & dosage/ *SODIUM ETIDRONATE, pharmacodynamics/ SODIUM ETIDRONATE, therapeutic use/ TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9727. **Waibel P:** Antikoagulation in der Gefässchirurgie Vasa 5(2):107–10, 1976 (Eng. Abstr.) **(Ger)**
*ANTICOAGULANTS, therapeutic use/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ PLASMA SUBSTITUTES/ THROMBOSIS, prevention & control

9728. **Waigand J, Müller JH:** Methodik und Indikation der Nierenphlebographie Radiol Diagn (Berl) 17(2):261–71, 1976 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ HUMAN/ KIDNEY NEOPLASMS, diagnosis/ *PHLEBOGRAPHY, methods/ *RENAL VEINS, radiography/ THROMBOPHLEBITIS, diagnosis

9729. **Wainstock MA:** Ultrasonic presurgical diagnosis in Ophthalmology. Int Surg 62(5):314–6, May 77 (6 ref.)
DIABETIC RETINOPATHY, diagnosis/ *EYE DISEASES, diagnosis/ EYE NEOPLASMS, diagnosis/ HEMANGIOMA, diagnosis/ HEMORRHAGE, diagnosis/ HUMAN/ MELANOMA, diagnosis/ RETINAL DETACHMENT, diagnosis/ REVIEW/ *ULTRASONICS, diagnostic use

9730. **Waite M, Griffin HD:** The phospholipases A of lysosomes. Front Biol 45:257–305, 1976 (92 ref.)
ADRENAL MEDULLA, enzymology/ ANIMAL/ BLOOD PLATELETS, enzymology/ BRAIN, enzymology/ CALCIUM, pharmacodynamics/ EDTA, pharmacodynamics/ FEMALE/ HYDROGEN-ION CONCENTRATION/ LIVER, enzymology/ *LYSOSOMES, enzymology/ MACROPHAGES, enzymology/ MEMBRANE LIPIDS, metabolism/ MITOCHONDRIA, LIVER, enzymology/ MYOCARDIUM, enzymology/ NEUTROPHILS, enzymology/ PANCREAS, enzymology/ PHOSPHOLIPASE, isolation & purification/ *PHOSPHOLIPASE, metabolism/ PLACENTA, enzymology/ PREGNANCY/ PULMONARY ALVEOLI, cytology/ REVIEW/ SPLEEN, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRUS DISEASES, enzymology/ WATER-ELECTROLYTE BALANCE

9731. **Waitzman MB, Colley AM, Nardelli-Olkowska K:** Metabolic approaches to studies on diabetic microangiopathy. Diabetes 26(5):510–7, May 77 (79 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, physiology/ COLLAGEN/ DIABETIC ANGIOPATHIES, blood/ DIABETIC ANGIOPATHIES, enzymology/ *DIABETIC ANGIOPATHIES, metabolism/ DIABETIC RETINOPATHY, blood/ DIABETIC RETINOPATHY, drug therapy/ DRUG INTERACTIONS/ ERYTHROCYTES, metabolism/ GLUCOSYLTRANSFERASES, blood/ HUMAN/ HYDROXY ACIDS, metabolism/ HYDROXY ACIDS, physiology/ INDOMETHACIN, therapeutic use/ NOREPINEPHRINE, pharmacodynamics/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, physiology/ PYRANS, metabolism/ PYRANS, physiology/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9732. **Wakely J:** Scanning electron microscope study of the extracellular matrix between presumptive lens and presumptive retina of the chick embryo. Anat Embryol (Berl) 150(2):163–70, 30 Mar 77
ANIMAL/ BASEMENT MEMBRANE, ultrastructure/ CHICK EMBRYO/ EXTRACELLULAR SPACE, ultrastructure/ HYALURONIDASE, pharmacodynamics/ *LENS, CRYSTALLINE, embryology/ MICROSCOPY, ELECTRON, SCANNING/ *RETINA, embryology/ TRYPSIN, pharmacodynamics

9733. **Walawender WP, Prasassarakich P:** Flow in tapering and cylindrical vessels. Microvasc Res 12(1):1–12, Jul 76

*ARTERIES, anatomy & histology/ ARTERIES, physiology/ *BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ COMPARATIVE STUDY/ MICROCIRCULATION, anatomy & histology/ *MODELS, BIOLOGICAL/ VASCULAR RESISTANCE

9734. **Wald SL, Moor BJ, Karrer FW, et al:** Giant cavernous hemangioma of the liver: case report and review of the literature. Nebr Med J 61(11):407–12, Nov 76
AGED/ CASE REPORT/ FEMALE/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ *LIVER NEOPLASMS/ LIVER NEOPLASMS, surgery

9735. **Walden R, Adar R, Mozes M:** Gangrene of toes with normal peripheral pulses. Ann Surg 185(3):269–72, Mar 77
ADULT/ AGED/ AMPUTATION/ ARTERIOSCLEROSIS, diagnosis/ BUSULFAN, administration & dosage/ *COLLATERAL CIRCULATION/ DIABETIC ANGIOPATHIES, diagnosis/ EMBOLISM, diagnosis/ FEMALE/ FROSTBITE, diagnosis/ *GANGRENE, diagnosis/ GANGRENE, surgery/ HUMAN/ MALE/ MIDDLE AGE/ POLYCYTHEMIA VERA, diagnosis/ *PULSE/ THROMBOCYTOSIS, diagnosis/ *TOES, blood supply

9736. **Walder JA, Hyman BT, Heller MJ, et al:** Reversible acylation and inhibition of aggregation of platelets by substituted maleic anhydrides. Mol Pharmacol 13(3):407–14, May 77
ACYLATION/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ EPINEPHRINE, pharmacodynamics/ FEMALE/ *FURANS, pharmacodynamics/ HUMAN/ *HYDROXYLASES, blood/ IN VITRO/ MALE/ MALEIC ANHYDRIDE, analogs & derivatives/ *MALEIC ANHYDRIDE, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ *PROSTAGLANDIN SYNTHASE, blood/ TIME FACTORS/ TURBIDIMETRY

9737. **Waldvogel FA:** Behandlung schwere bakterieller Klinikinfektionen bei unbekannter Atiologie. Monatsschr Kinderheilkd 125(5):275–9, May 77 **(Ger)**
ADOLESCENCE/ ANTIBIOTICS, therapeutic use/ BACTERIAL INFECTIONS, complications/ *BACTERIAL INFECTIONS, drug therapy/ BACTERIAL INFECTIONS, therapy/ CHILD/ CHILD, PRESCHOOL/ CORTISONE, therapeutic use/ *CROSS INFECTION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEPARIN, therapeutic use/ HOSPITAL INFECTIONS, complications/ *HOSPITAL INFECTIONS, drug therapy/ HOSPITAL INFECTIONS, therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ RESPIRATION, ARTIFICIAL/ TIME FACTORS

9738. **Walewski W:** Zator tętnicy biodrowej wspólnej spowodowany dużym, zorganizowanym zakrzepem, usunięty metodą Fogarty'ego Pol Przegl Chir 49(1):57–9, 1977 (Eng. Abstr.) **(Pol)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ *HEART CATHETERIZATION/ HEART CATHETERIZATION, methods/ HUMAN/ *ILIAC ARTERY/ MALE/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, therapy

9739. **Walker A, Naylor GP:** Measurement of blood viscosity using a conicylindrical viscometer. Med Biol Eng 14(5):551–7, Sep 76
*BLOOD VISCOSITY/ EQUIPMENT AND SUPPLIES/ FIBRINOGEN/ HEMATOCRIT/ HUMAN/ RHEOLOGY

9740. **Walker DE, Barry JM, Hodges CV:** Angiomyolipoma: diagnosis and treatment. J Urol 116(6):712–4, Dec 76
ADULT/ BIOPSY/ CASE REPORT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HUMAN/ *KIDNEY NEOPLASMS/ KIDNEY NEOPLASMS, diagnosis/ KIDNEY NEOPLASMS, pathology/ KIDNEY NEOPLASMS, surgery/ *LIPOMA/ LIPOMA, diagnosis/ LIPOMA, pathology/ LIPOMA, surgery/ MALE/ MIDDLE AGE/ NEPHRECTOMY/ RENAL ARTERY, radiography/ TUBEROUS SCLEROSIS, complications/ ULTRASONICS

9741. **Walker EM:** Congenital abnormality of inferior vena cava, infectious mononucleosis and aneurysm of common carotid artery. Proc R Soc Med 69(12):944–6, Dec 76
ADULT/ *ANEURYSM, complications/ *CAROTID ARTERY DISEASES, complications/ CASE REPORT/ HUMAN/ *INFECTIOUS MONONUCLEOSIS, complications/ MALE/ THROMBOPHLEBITIS, etiology/ *VENA CAVA, INFERIOR, abnormalities

9742. **Walker GK, Sachs L, Sibrack LA, et al:** Separation of epidermal layers of the newborn rat. J Invest Dermatol 68(2):105–7, Feb 77
AMMONIUM CHLORIDE, pharmacodynamics/ ANIMAL/ ANIMALS, NEWBORN/ COMPARATIVE STUDY/ EVALUATION STUDIES/ HISTOCYTOCHEMISTRY/ *HISTOLOGICAL TECHNICS/ PROTEINS, analysis/ RATS/ *SKIN/ SKIN, analysis/ SKIN, drug effects/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9743. **Walker ID, Harris JI, Runswick MJ, et al:** The subunits of rabbit-muscle phosphofructokinase. A search for sequence repetition. Eur J Biochem 68(1):255–69, Sep 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ IODOACETATES/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOFRUCTOKINASE/ PROTEIN BINDING/ PROTEIN CONFORMATION/ RABBITS/ THERMOLYSIN/ TRYPSIN

9744. **Walker ID, Bridgen J:** The keratin chains of avian scale tissue. Sequence heterogeneity and the number of scale keratin genes. Eur J Biochem 67(1):283–93, 1 AUG 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ BIRDS/ CHICKENS/ *GENES/ *KERATIN/ KERATIN, biosynthesis/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *SKIN, metabolism/ SPECIES SPECIFICITY/ TRYPSIN

9745. **Walker ID, Davidson JF, Hutton I, et al:** Disordered 'fibrinolytic potential' in coronary heart disease. Thromb Res 10(3):509–20, Mar 77
*CORONARY DISEASE, blood/ FIBRINOLYSIS/ FOREARM, blood supply/ HUMAN/ HYPERLIPEMIA, blood/ ISCHEMIA, blood/ MALE/ MIDDLE AGE/ TIME FACTORS

9746. **Walker JM, Hastings JR, Johns EW:** The partial amino acid sequence of a non-histone chromosomal protein. Biochem Biophys Res Commun 73(1):72–8, 8 Nov 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CATTLE/ *CHROMOSOMAL PROTEINS, NON-HISTONE/ HISTONES/ PEPSIN/ PEPTIDE FRAGMENTS, analysis/ THROMBIN/ THYMUS GLAND

9747. **Walker JM, Denti E, Van Wagenen R, et al:** Evaluation and selection of activated carbon for hemoperfusion. Kidney Int [Suppl] (7):S320–7, Dec 76
ADSORPTION/ BLOOD PLATELETS/ CAPSULES/ CARBON, administration & dosage/ CARBON, analysis/ *CARBON, therapeutic use/ CHARCOAL, administration & dosage/ CHARCOAL, analysis/ CHARCOAL, therapeutic use/ *HEMODIALYSIS, methods/ HUMAN/ LIVER DISEASES, therapy/ MEMBRANES, ARTIFICIAL/ PARTICLE SIZE/ POISONING, therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREMIA, therapy

9748. **Walker JM, Hastings JR, Johns EW:** The primary structure of a non-histone chromosomal protein. Eur J Biochem 76(2):461–8, 15 Jun 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CARBOXYPEPTIDASES/ CATTLE/ *CHROMOSOMAL PROTEINS, NON-HISTONE/ PEPSIN/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ THYMUS GLAND/ TRYPSIN

9749. **Walker RI, Sheil JM:** Contribution of granulocytopenia to endotoxin sensitivity of mice irradiated or undergoing graft-versus-host reaction. Exp Hematol 4(6):329–38, Nov 76
*AGRANULOCYTOSIS, immunology/ ANIMAL/ BLOOD CELL COUNT/ CHEMOTAXIS, LEUKOCYTE/ COBALT RADIOISOTOPES/ *ENDOTOXINS, pharmacodynamics/ GRAFT VS HOST REACTION/ LIVER, metabolism/ LIVER, physiology/ MICE/ MICE, INBRED CBA/ MICE, INBRED C57BL/ PERFUSION/ *RADIATION EFFECTS/ SPLEEN, transplantation/ THROMBOPENIA, immunology/ TRANSPLANTATION, HOMOLOGOUS

9750. **Walker-Simmons M, Ryan CA:** Wound-induced peptidase activity in tomato leaves.
Biochem Biophys Res Commun 74(2):411–6, 24 Jan 77
ACID PHOSPHATASE, metabolism/ CATALASE, metabolism/ CHLOROPHYLL, metabolism/ ENZYME INDUCTION/ KINETICS/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ *PLANTS, enzymology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9751. **Wallace HW, Brooks H, Stein TP, et al:** The contribution of anticoagulants to platelet dysfunction with extracorporeal circulation. J Thorac Cardiovasc Surg 72(5):735–41, Nov 76
ANTICOAGULANTS, antagonists & inhibitors/ *ANTICOAGULANTS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CALCIUM, pharmacodynamics/ CITRATES, pharmacodynamics/ *EXTRACORPOREAL CIRCULATION/ GLUCOSE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HEXADIMETHRINE, pharmacodynamics/ HUMAN/ PLATELET AGGREGATION, drug effects/ PROTAMINES, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9752. **Wallace WA, Evans CM:** Venous thromboembolism: a cost evaluation of prophylaxis, investigation and treatment. J R Coll Surg Edinb 21(4):218–21, Jul 76
ADULT/ *COSTS AND COST ANALYSIS/ HUMAN/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, therapy

9753. **Wallach RC, Kabakow B, Blinick G:** Intravenous chemotherapy with concurrent peritioneal dialysis: continued treatment of ovarian carcinoma after drug toxicity. Gynecol Oncol 4(3):299–306, Sep 76
BLOOD PLATELETS/ BONE MARROW, drug effects/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ *OVARIAN NEOPLASMS, drug therapy/ *PERITONEAL DIALYSIS

9754. **Wallenstein G, Rebohle E, Voigt U, et al:** Bestimmung der Trypsininhibitorkapazität bei beruflicher inhalativer Allergen- bzw. Irritantienexposition
Z Erkr Atmungsorgane 146(2):120–7, Aug 76 (Eng. Abstr.) **(Ger)**
ADULT/ AGE FACTORS/ ALPHA GLOBULINS, analysis/ BLOOD DONORS/ BLOOD SEDIMENTATION/ ENGLISH ABSTRACT/ ENVIRONMENTAL EXPOSURE/ ENZYMES/ FEMALE/ HUMAN/ IGE, analysis/ MALE/ OCCUPATIONAL DISEASES, blood/ OCCUPATIONAL DISEASES, enzymology/ RESPIRATORY FUNCTION TESTS/ RESPIRATORY HYPERSENSITIVITY, blood/ *RESPIRATORY HYPERSENSITIVITY, enzymology/ SEX FACTORS/ SMOKING, complications/ *TRYPSIN INHIBITORS, blood

9755. **Wallentin L, Berlin R, Vikrot O:** Studies on plasma lipid and phospholipid composition in pernicious anemia before and after specific treatment. Acta Med Scand 201(3):161–5, 1977
*ANEMIA, PERNICIOUS, blood/ ANEMIA, PERNICIOUS, drug therapy/ CHOLESTEROL ACYLTRANSFERASE, blood/ CHOLESTEROL, blood/ FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN, pharmacodynamics/ HUMAN/ *LIPIDS, blood/ LYSOPHOSPHATIDYLCHOLINES, blood/ PHOSPHATIDYLCHOLINES, blood/ *PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood/ *VITAMIN B 12, therapeutic use

9756. **Wallin R, Prydz H:** The N-terminal activation fragment of bovine prothrombin. Immunological studies leading to a one step purification. Biochim Biophys Acta 491(1):317–24, 28 Mar 77
APOPROTEINS/ CALCIUM/ EDTA/ ENZYMES, IMMOBILIZED, metabolism/ GEL DIFFUSION TESTS/ KINETICS/ PEPTIDE FRAGMENTS, isolation & purification/ *PROTHROMBIN/ PROTHROMBIN, isolation & purification/ PROTHROMBIN, metabolism/ WARFARIN

9757. **Wallner SF:** The clot: the hypercoagulable state. Rocky Mt Med J 74(3):130–5, May-Jun 77
ANTITHROMBINS/ BLOOD COAGULATION DISORDERS, classification/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION/ FIBRINOLYSIS/ HUMAN/ THROMBELASTOGRAPHY

9758. **Walsh AC:** Dangers of minimal drinking [letter]
Am J Psychiatry 134(9):1049–50, Sep 77
*ALCOHOL DRINKING/ ANTICOAGULANTS, therapeutic use/ BRAIN DAMAGE, CHRONIC, drug therapy/ *BRAIN DAMAGE, CHRONIC, etiology/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ FETUS, drug effects/ HUMAN

9759. **Walsh C:** Recent developments in suicide substrates and other active site-directed inactivating agents of specific target enzymes. Horiz Biochem Biophys 3:36–81, 1977 (67 ref.)
ACETYLENE, pharmacodynamics/ AFFINITY LABELS/ ALKYNES/ AMINO ACID CHLOROMETHYL KETONES/ AMINO ACID OXIDOREDUCTASES, antagonists & inhibitors/ AMINOTRANSFERASES, antagonists & inhibitors/ ANIMAL/ BINDING SITES/ CHYMOTRYPSIN, antagonists & inhibitors/ *ENZYME INHIBITORS, metabolism/ ETHERS, CYCLIC, pharmacodynamics/ HUMAN/ ISOMERASES, antagonists & inhibitors/ KINETICS/ MODELS, CHEMICAL/ MONOAMINE OXIDASE INHIBITORS/ NITRILES, pharmacodynamics/ OXIDOREDUCTASES, antagonists & inhibitors/ PHOTOCHEMISTRY/ PROTEIN KINASE, antagonists & inhibitors/ PYRIDOXAL PHOSPHATE, pharmacodynamics/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN INHIBITORS, metabolism/ VINYL COMPOUNDS, pharmacodynamics

9760. **Walsh PN:** Platelets, heparin, and blood coagulation. pp. 125–43.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975. (74 ref.)
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ FACTOR X, antagonists & inhibitors/ FACTOR X, metabolism/ HEPARIN ANTAGONISTS/ *HEPARIN, pharmacodynamics/ HEPARIN, physiology/ LYSOSOMES, enzymology/ METHODS/ MONOGRAPH/ PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 4, analysis/ PLATELET FACTOR 4, pharmacodynamics/ PLATELET FACTOR 4, physiology/ REVIEW/ SEROTONIN, metabolism/ THROMBOSIS, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9761. **Walsh PN, Mills DC, White JG:** Metabolism and function of human platelets washed by albumin density gradient separation. Br J Haematol 36(2):287–96, Jun 77
ADENINE NUCLEOTIDES, metabolism/ BLOOD COAGULATION/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ *CELL SEPARATION, methods/ CENTRIFUGATION, DENSITY GRADIENT/ HUMAN/ PLATELET AGGREGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9762. **Walsh RT:** The platelet in von Willebrand's disease: interactions with ristocetin and factor VIII.
Semin Thromb Hemostas 2(2):105–115, Oct 75 (83 ref.)
ANTIGENS/ *BLOOD PLATELETS, metabolism/ FACTOR VIII, immunology/ *FACTOR VIII, metabolism/ HEMOSTASIS/ HUMAN/ REVIEW/ RISTOCETIN, pharmacodynamics/ *VON WILLEBRAND'S DISEASE, blood

9763. **Walsh SI:** Case of the month case No. 22. Ariz Med 34(6):398–401, Jun 77
ADULT/ *ATHLETIC INJURIES, radiography/ CASE REPORT/ *FOOTBALL/ *HEMATOMA, radiography/ HUMAN/ *KIDNEY, injuries/ MALE

9764. **Walshe TM, Davis KR, Fisher CM:** Thalamic hemorrhage: a computed tomographic-clinical correlation.
Neurology (Minneap) 27(3):217–22, Mar 77
ACUTE DISEASE/ ADULT/ AGED/ CASE REPORT/ *CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL HEMORRHAGE, surgery/ FEMALE/ HEMATOMA, diagnosis/ HEMATOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ OCULOMOTOR PARALYSIS, diagnosis/ REFLEX, PUPILLARY/ *THALAMUS/ *TOMOGRAPHY, COMPUTERIZED AXIAL, methods/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9765. **Walsmann P, Horn H, Markwardt F, et al:** Synthetische Inhibitoren der Serinproteinasen. 11. Mitteilung: Uber die Hemmung von Trypsin, Plasmin und Thrombin durch neue Bisamidinoverbindungen Acta Biol Med Ger 35(2):K1–8, 1976 (Eng. Abstr.) **(Ger)**
*AMIDINES, analogs & derivatives/ AMIDINES, pharmacodynamics/ *ANTITHROMBINS/ BENZAMIDINES/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, antagonists & inhibitors/ *TRYPSIN INHIBITORS

9766. **Walsmann P, Markwardt F, Stürzebecher J, et al:** Synthetische Inhibitore der Serinproteinasen 9. Mitteilung: Uber die Hemmung von Trypsin, Plasmin und Thrombin durch Amidinophenyl-, Amidinobenzyl- und beta-[Amidinophenyl]-äthylarylketone Pharmazie 31(10):733–5, 1976 **(Ger)**
*AMIDINES, pharmacodynamics/ BENZOPHENONES, pharmacodynamics/ *FIBRINOLYSIN, antagonists & inhibitors/ KETONES, pharmacodynamics/ *THROMBIN, antagonists & inhibitors/ *TRYPSIN INHIBITORS

9767. **Walt AJ:** Cysts and benign tumors of the liver.
Surg Clin North Am 57(2):449–64, Apr 77 (18 ref.)
ADENOMA, surgery/ ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ CYSTS, diagnosis/ *CYSTS, surgery/ ECHINOCOCCOSIS, diagnosis/ *ECHINOCOCCOSIS, surgery/ FEMALE/ HEMANGIOENDOTHELIOMA, surgery/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIVER DISEASES, diagnosis/ *LIVER DISEASES, surgery/ LIVER NEOPLASMS, diagnosis/ *LIVER NEOPLASMS, surgery/ LIVER, abnormalities/ LIVER, injuries/ MALE/ MIDDLE AGE/ REVIEW

9768. **Walton KW:** Factors affecting lipoprotein deposition in the arterial wall. pp. 79–86.
In: Hautvast JG, et al., ed. Blood and arterial wall in atherogenesis and arterial thrombosis. Leiden, Brill, 1975. W3 1328 No.4 1974. (46 ref.)
AGE FACTORS/ ANIMAL/ *ARTERIES, metabolism/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ FEMALE/ FIBRINOGEN, metabolism/ HUMAN/ HYPERLIPEMIA, complications/ HYPERTENSION, complications/ *LIPOPROTEINS, metabolism/ LIPOPROTEINS, HDL, metabolism/ LIPOPROTEINS, LDL, metabolism/ LIPOPROTEINS, VLDL, metabolism/ MALE/ MIDDLE AGE/ MONOGRAPH/ PERMEABILITY/ REVIEW/ SEX FACTORS/ SMOKING, complications

9769. **Walz D, Hewett-Emmett D, Seegers WH:** Primary structure of the amino-terminal (vitamin K-dependent) region of human prothrombin. Life Sci 20(1):79–83, 1 Jan 77
AMINO ACID SEQUENCE/ CATTLE/ COMPARATIVE STUDY/ GLUTAMATES, analysis/ HUMAN/ PEPTIDES/ *PROTHROMBIN/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VITAMIN K

9770. **Walz DA, Hewett-Emmett D, Reuterby J, et al:** Human thrombin: amino acid sequence of the autocatalytically removed 13 residue A1 peptide. Thromb Res 9(3):289–92, Sep 76
AMINO ACID SEQUENCE/ ANIMAL/ CATTLE/ COMPARATIVE STUDY/ FACTOR X, metabolism/ HUMAN/ PROTHROMBIN, metabolism/ SPECIES SPECIFICITY/ *THROMBIN/ THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9771. **Walz DA, Hewett-Emmett D, Seegers WH:** Amino acid sequence of human prothrombin fragments 1 and 2.
Proc Natl Acad Sci USA 74(5):1969–72, May 77
AMINO ACID SEQUENCE/ HUMAN/ PEPTIDES/ *PROTHROMBIN/ PROTHROMBIN, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9772. **Wamhoff D, Weiss D, Senf L:** Untersuchungen zum Einfluss von Glukoseinfusionen auf Hämostaseparameter
Z Gesamte Inn Med 31(17):711–5, 1 Sep 76 (Eng. Abstr.) **(Ger)**
BLOOD SEDIMENTATION/ ENGLISH ABSTRACT/ FASTING/ GLUCOSE, administration & dosage/ *GLUCOSE, pharmacodynamics/ *HEMOSTASIS, drug effects/ HUMAN/ INJECTIONS, INTRAVENOUS/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ THROMBOPLASTIN

9773. **Wamhoff D, Panzram G:** Einfluss von Insulin, Glukose und anderen Monosacchariden auf Plättchenfunktionen
Klin Wochenschr 54(23):1137–41, 1 Dec 76 **(Ger)**
*BLOOD PLATELETS, drug effects/ *GLUCOSE, pharmacodynamics/ *INSULIN, pharmacodynamics/ *MONOSACCHARIDES, pharmacodynamics

9774. **Wand H, Rieche K, Rudolf J, et al:** Zellelektrophoretische Studie über den Effekt von Methylglyoxal-bis-guanylhydrazon auf Blutkörpe rchen von Krebspatienten Arch Geschwulstforsch 46(4):304–10, 1976 (Eng. Abstr.) **(Ger)**
*BLOOD CELLS, drug effects/ BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ FEMALE/ *GUANIDINES, pharmacodynamics/ HUMAN/ LYMPHOCYTES, drug effects/ MALE/ *MITOGUAZONE, pharmacodynamics/ MITOGUAZONE, therapeutic use/ NEOPLASMS, blood/ *NEOPLASMS, drug therapy

9775. **Wandall HH:** Extracorporeal circulation and the effect of bubble oxygenation on plasma proteins. pp. 213–25.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.
ANIMAL/ BLOOD PLATELETS/ *BLOOD PROTEINS/ DOGS/ ERYTHROCYTES/ *EXTRACORPOREAL CIRCULATION/ HUMAN/ IN VITRO/ MONOGRAPH/ *OXYGENATORS, MEMBRANE

9776. **Wandall JH, Mathiesen FR:** Akut arteriel okklusion. Analyse af 97 operativt behandlede patienter Ugeskr Laeger 139(4):201–3, Jan 77 (Eng. Abstr.) **(Dan)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ ARTERIAL OCCLUSIVE DISEASES, diagnosis/ ARTERIAL OCCLUSIVE DISEASES, mortality/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, mortality/ PROGNOSIS/ THROMBOEMBOLISM, mortality/ THROMBOEMBOLISM, surgery/ THROMBOSIS, mortality/ THROMBOSIS, surgery

9777. **Wandtke JC, Spitzer RM, Olsson HE, et al:** Traumatic thenar ischemia. Am J Roentgenol 127(4):569–71, Oct 76
ANGIOGRAPHY/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *HAND INJURIES, complications/ HAND INJURIES, radiography/ HAND, anatomy & histology/ *HAND, blood supply/ HUMAN/ *ISCHEMIA, etiology/ MALE/ MIDDLE AGE/ *OCCUPATIONAL DISEASES, etiology/

OCCUPATIONAL DISEASES, radiography/ RAYNAUD'S DISEASE, diagnosis/ THROMBOEMBOLISM, diagnosis

9778. **Wanet G, Dehon N:** Etude clinique de l'ultrasonophorèse avec un topique associant phénylbutazone et alpha-chymotrypsine J Belge Rhumatol Med Phys 31(2):49–58, Mar–Apr 76 (Eng. Abstr.) **(Fre)**
ADMINISTRATION, TOPICAL/ CHYMOTRYPSIN, administration & dosage/ *CHYMOTRYPSIN, therapeutic use/ DRUG COMBINATIONS/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HUMAN/ *JOINT DISEASES, drug therapy/ METHODS/ PHENYLBUTAZONE, administration & dosage/ *PHENYLBUTAZONE, therapeutic use/ *ULTRASONIC THERAPY

9779. **Wang JH, Desai R:** A brain protein and its effect on the Ca2+-and protein modulator-activated cyclic nucleotide phosphodiesterase. Biochem Biophys Res Commun 72(3):926–32, 4 Oct 76
ANIMAL/ BRAIN, drug effects/ *BRAIN, enzymology/ *CALCIUM, pharmacodynamics/ CATTLE/ CHYMOTRYPSIN, pharmacodynamics/ HEART, drug effects/ MOLECULAR WEIGHT/ *MYOCARDIUM, enzymology/ *NERVE TISSUE PROTEINS, physiology/ PHOSPHODIESTERASES, isolation & purification/ *PHOSPHODIESTERASES, metabolism/ TRYPSIN, pharmacodynamics

9780. **Wang MK:** Assessment of a cardiovascular symptom of an employee through history taking.
Occup Health Nurs (NY) 25(2):11–5, Feb 77
ADULT/ ANEURYSM, DISSECTING, diagnosis/ ANGINA PECTORIS, diagnosis/ CARTILAGE DISEASES, diagnosis/ CHOLELITHIASIS, diagnosis/ FEMALE/ HIATAL HERNIA, diagnosis/ HUMAN/ *INDUSTRIAL NURSING/ MALE/ *MEDICAL HISTORY TAKING/ MYOCARDIAL INFARCT, diagnosis/ NURSING DIAGNOSIS/ *PAIN, etiology/ PAIN, nursing/ PERICARDIUM/ PLEURISY, diagnosis/ PNEUMOTHORAX, diagnosis/ PULMONARY EMBOLISM, diagnosis/ SPINAL DISEASES, diagnosis/ *THORAX

9781. **Wang TT, Hofmann T:** Acyl and amino intermediates in penicillopepsin-catalysed reactions and activation by nonsubstrate peptides. Can J Biochem 55(4):286–94, April 77
ENZYME ACTIVATION, drug effects/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PENICILLIUM, enzymology/ PEPSIN, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PEPTIDES, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP

9782. **Wang TT, Hofmann T:** Acyl and amino intermediates in penicillopepsin-catalysed reactions and activation by nonsubstrate peptides. Can J Biochem 55(4):186–94, Apr 77
HYDROGEN-ION CONCENTRATION/ KINETICS/ *OLIGOPEPTIDES, metabolism/ PENICILLIUM/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEPTIDYL TRANSFERASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP

9783. **Wang TY, Hussey CV, Garancis JC:** Inhibitory effects of ATP on platelet aggregation: cation interaction and shape change. Ann Clin Lab Sci 7(1):88–92, Jan–Feb 77
ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ BINDING, COMPETITIVE/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ CALCIUM, pharmacodynamics/ CATIONS, DIVALENT/ HUMAN/ IN VITRO/ MAGNESIUM, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ TEMPERATURE/ TIME FACTORS

9784. **Wang TY, Hussey CV:** Adenosine diphosphate-induced platelet aggregation in the states of hypercoagulability. Ann Clin Lab Sci 7(2):152–7, Mar–Apr 77
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ALCOHOL, ETHYL, diagnostic use/ ATHEROSCLEROSIS, blood/ BLOOD COAGULATION TESTS/ FIBRINOGEN, analysis/ GELS/ HEART FAILURE, CONGESTIVE, blood/ HUMAN/ HYPERTENSION, blood/ MYOCARDIAL INFARCT, blood/ *PLATELET AGGREGATION, drug effects/ *THROMBOSIS, blood

9785. **Wang TY, Hussey CV, Garancis JC:** Effects of dibutyryl cyclic adenosinemonophosphate and prostaglandin E1 on platelet aggregation and shape changes.
Am J Clin Pathol 67(4):362–7, Apr 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, ultrastructure/ DEPRESSION, CHEMICAL/ IN VITRO/ *PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS E, pharmacodynamics/ TIME FACTORS

9786. **Wang TY, Hussey CV, Sasse EA, et al:** Platelet aggregation and the ouabain-insensitive ATPase. Ecto-ATPase, reflection of membrane integrity. Am J Clin Pathol 67(6):528–32, Jun 77
*ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATASE, physiology/ *BLOOD PLATELETS, enzymology/ CALCIUM, pharmacodynamics/ *CELL MEMBRANE PERMEABILITY/ *CELL MEMBRANE, enzymology/ CHROMATOGRAPHY, LIQUID/ CYANIDES, pharmacodynamics/ HUMAN/ MAGNESIUM, pharmacodynamics/ *OUABAIN/ *PLATELET AGGREGATION/ POTASSIUM, pharmacodynamics/ PROSTAGLANDINS E, pharmacodynamics/ STIMULATION, CHEMICAL

9787. **Wangel A, Klockars M:** Lymphocyte subpopulations in rheumatoid synovial tissue. Ann Rheum Dis 36(2):176–80, Apr 77
*ARTHRITIS, RHEUMATOID, pathology/ GOLD, pharmacodynamics/ HUMAN/ IMMUNE ADHERENCE REACTION/ IMMUNOGLOBULINS, FC/ IMMUNOGLOBULINS, SURFACE/ LEUKOCYTE COUNT/ SYNOVIAL FLUID, cytology/ *SYNOVIAL MEMBRANE, cytology/ T-LYMPHOCYTES, pathology/ TRYPSIN, pharmacodynamics

9788. **Ward AM, Pickering JD, Fagerhol MK, et al:** Pi (antitrypsin) typing methods. A comparison of acid starch-gel electrophoresis and isoelectric focusing. Hum Hered 27(4):292–7, 1977
COMPARATIVE STUDY/ ELECTROPHORESIS, STARCH GEL/ HUMAN/ ISOELECTRIC FOCUSING/ *PHENOTYPE/ *TRYPSIN INHIBITORS, blood

9789. **Ward AT, Marquardt RR, Campbell LD:** Further studies on the isolation of the thermolabile growth inhibitor from the faba bean (Vicia faba L. var. minor). J Nutr 107(7):1325–34, Jul 77
ANIMAL/ *BODY WEIGHT, drug effects/ *CHICKENS, growth & development/ DIET/ DRUG STABILITY/ HEAT/ HEMAGGLUTINATION TESTS/ HUMAN/ LIVER, anatomy & histology/ ORGAN WEIGHT, drug effects/ PANCREAS, anatomy & histology/ *PLANTS, EDIBLE, analysis/ SEEDS, anatomy & histology/ SEEDS, analysis/ SOLUBILITY/ *TANNINS, isolation & purification/ TANNINS, pharmacodynamics/ TRYPSIN INHIBITORS, analysis

9790. **Ward CA, Stanga RD, Zingg W, et al:** Relation of proteins, platelets, and gas nuclei in adhesion to a synthetic material. Am J Physiol 233(1):H100–5, Jul 77
ANIMAL/ *BLOOD PROTEINS/ *GASES/ METHODS/ *PLATELET ADHESIVENESS/ *SILICONE ELASTOMERS/ SWINE

9791. **Ward JN, Dias R:** Iatrogenic renal artery thrombosis. J Urol 118(1 Pt 1):13–4, Jul 77
ADULT/ CASE REPORT/ CONSTRICTION/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ FEMALE/ HUMAN/ IATROGENIC DISEASE/ KIDNEY CALCULI, surgery/ NEPHRECTOMY/ PREGNANCY/ *RENAL ARTERY/ RENAL ARTERY, surgery/

*THROMBOSIS, chemically induced/ THROMBOSIS, etiology/ THROMBOSIS, surgery

9792. **Ward JV, Radojewski-Hutt AM, Packham MA, et al:** Loss of sulfated proteoglycan from the surface of rabbit platelets during adenosine 5'-diphosphate-induced aggregation. Lab Invest 35(4):337-42, Oct 76
*ADENOSINE DIPHOSPHATE/ ANIMAL/ *BLOOD PLATELETS/ *PLATELET AGGREGATION/ *PROTEOCHONDROITIN SULFATES/ *PROTEOGLYCANS/ RABBITS/ SEROTONIN/ SULFUR RADIOISOTOPES/ THROMBIN

9793. **Ward KA:** Preparation of metabolically active cell suspensions from wool roots. Aust J Biol Sci 29(5-6):443-51, Dec 76
ANIMAL/ ANTIBIOTICS, pharmacodynamics/ CELLS, CULTURED/ FEMALE/ LEUCINE, metabolism/ PROTEINS, biosynthesis/ SHEEP/ THYMIDINE, metabolism/ TRYPSIN/ URIDINE, metabolism/ *WOOL, cytology/ WOOL, metabolism

9794. **Ward PE, Erdös EG, Gedney CD, et al:** Isolation of membrane-bound renal enzymes that metabolize kinins and angiotensins. Biochem J 157(3):643-50, 1 Sep 76
ADENOSINE TRIPHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ *ANGIOTENSIN, metabolism/ ANGIOTENSINASE, analysis/ ANIMAL/ CELL FRACTIONATION/ CELL MEMBRANE, enzymology/ ENDOPLASMIC RETICULUM, enzymology/ GLUCOSEPHOSPHATASE, analysis/ KALLIKREIN, analysis/ KIDNEY CORTEX, enzymology/ KIDNEY CORTEX, ultrastructure/ KIDNEY NEOPLASMS, enzymology/ *KIDNEY TUBULES, PROXIMAL, enzymology/ KININASE I, analysis/ KININASE II, analysis/ *KININS, metabolism/ MALE/ MICROSOMES, enzymology/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9795. **Ward PE, Erdös EG, Gedney CD, et al:** Isolation of renal membranes that contain kallikrein, angiotensin I-converting enzyme (kininase II) and angiotensinase in the rat. Clin Sci Mol Med 51 Suppl 3:267s-270s, Dec 76
*ANGIOTENSINASE, analysis/ ANIMAL/ CELL FRACTIONATION/ CELL MEMBRANE, enzymology/ *KALLIKREIN, analysis/ *KIDNEY CORTEX, enzymology/ *KININASE II, analysis/ MALE/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9796. **Ward PE, Schultz W, Reynolds RC, et al:** Metabolism of kinins and angiotensins in the isolated glomerulus and brush border of rat kidney. Lab Invest 36(6):599-606, Jun 77
*ANGIOTENSIN, metabolism/ ANGIOTENSINASE, metabolism/ ANIMAL/ BRADYKININ, metabolism/ FREEZE FRACTURING/ IN VITRO/ KALLIKREIN, metabolism/ KIDNEY GLOMERULUS, enzymology/ *KIDNEY GLOMERULUS, metabolism/ KIDNEY GLOMERULUS, ultrastructure/ KIDNEY TUBULES, PROXIMAL, enzymology/ KININASE II, metabolism/ *KININS, metabolism/ MALE/ RATS

9797. **Ward RA, Mahony JF, Moynahan LM, et al:** Hemofiltration and thrombus formation in hollow fiber hemodialyzers. Biomater Med Devices Artif Organs 5(2):147-58, 1977
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ FEMALE/ *FILTRATION, instrumentation/ HUMAN/ *KIDNEY, ARTIFICIAL/ MALE/ MIDDLE AGE/ POLYETHYLENE TEREPHTHALATE/ POLYURETHANES

9798. **Ward TF:** Multiple thromboses in an infant of a diabetic mother. J Pediatr 90(6):982-4, Jun 77
ADULT/ CASE REPORT/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ *DIABETIC ANGIOPATHIES, etiology/ FEMALE/ GANGRENE, etiology/ HUMAN/ MATERNAL-FETAL EXCHANGE/ *PREGNANCY IN DIABETES, complications/ PREGNANCY/ RENAL VEINS/ THROMBOSIS, complications/ *THROMBOSIS, etiology

9799. **Wardle EN:** Fibrin monomer complexes in pre-eclampsia [letter]. N Engl J Med 296(1):54, 6 Jan 77
FEMALE/ *FIBRIN/ FIBRIN, analysis/ HUMAN/ *PRE-ECLAMPSIA, blood/ *PREGNANCY TOXEMIAS, blood/ PREGNANCY

9800. **Wardle EN:** Renal failure in obstructive jaundice--pathogenic factors. Postgrad Med J 51(598):512-4, Aug 75
ANIMAL/ BILE ACIDS AND SALTS, metabolism/ BILIRUBIN, metabolism/ DEHYDRATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENDOTOXINS, blood/ FIBRINOLYSIS/ HUMAN/ JAUNDICE, OBSTRUCTIVE, blood/ *JAUNDICE, OBSTRUCTIVE, complications/ *KIDNEY FAILURE, ACUTE, etiology

9801. **Warin RP:** Familial vasculitis (life-long morbilliform urticaria, neurological changes and arthritis). Br J Dermatol 97 Suppl 15:30-1, Jul 77
ADULT/ ARTHRITIS, complications/ ARTHRITIS, familial & genetic/ CASE REPORT/ CHILD/ HEADACHE, etiology/ HUMAN/ INFLAMMATION/ MALE/ PEDIGREE/ PURPURA, complications/ URTICARIA, complications/ URTICARIA, familial & genetic/ VASCULAR DISEASES, complications/ *VASCULAR DISEASES, familial & genetic

9802. **Waring WW:** Current management of cystic fibrosis. Adv Pediatr 23:401-38, 1976 (74 ref.)
ADOLESCENCE/ ADULT/ AEROSOLS/ AMYLASE, therapeutic use/ BRONCHODILATOR AGENTS, therapeutic use/ CALORIC INTAKE/ CHILD/ CHILD, PRESCHOOL/ CYSTIC FIBROSIS, diet therapy/ CYSTIC FIBROSIS, diagnosis/ CYSTIC FIBROSIS, drug therapy/ *CYSTIC FIBROSIS, therapy/ DIETARY FATS/ DIETARY PROTEINS/ DRAINAGE/ HUMAN/ INFANT/ IRRIGATION/ LIPASE, therapeutic use/ PARENTERAL FEEDING/ PEPTIDE HYDROLASES, therapeutic use/ REVIEW/ TRIGLYCERIDES/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ VITAMINS, therapeutic use/ WATER

9803. **Warkany J:** Warfarin embryopathy. Teratology 14(2):205-9, Oct 76 (20 ref.)
*ABNORMALITIES, DRUG-INDUCED, etiology/ ABNORMALITIES, DRUG-INDUCED, pathology/ ABNORMALITIES, DRUG-INDUCED, prevention & control/ ABNORMALITIES, MULTIPLE/ ANIMAL/ FEMALE/ FETAL DEATH, chemically induced/ HEART VALVE PROSTHESIS/ INFANT, NEWBORN/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ PREGNANCY/ REVIEW/ *WARFARIN, adverse effects

9804. **Warlow C:** Low-dose heparin, deep venous thrombosis and myocardial infarction. pp. 293-304.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
ADULT/ AGED/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ METHODS/ MIDDLE AGE/ MONOGRAPH/ *MYOCARDIAL INFARCT, complications/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, mortality/ PULMONARY EMBOLISM, occurrence/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, occurrence/ *THROMBOPHLEBITIS, prevention & control

9805. **Warlow CP, Rennie JA, Ogston D, et al:** Platelet adhesiveness and fibrinolysis after recent cerebro-vascular accidents and their relationship with subsequent deep venous thrombosis of the legs. Thromb Haemostas 36(1):127-32, 31 Aug 76
AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *CEREBROVASCULAR DISORDERS, blood/ CEREBROVASCULAR DISORDERS, complications/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HEMATOCRIT/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *PLATELET ADHESIVENESS/ *THROMBOPHLEBITIS,

etiology

9806. **Warnatz H:** Die Bedeutung immunologischer Defekte für die Tumorentstehung Internist (Berlin) 18(5):264–8, May 77 **(Ger)**
AGAMMAGLOBULINEMIA, complications/ AGE FACTORS/ ALDRICH SYNDROME, complications/ ANTIGENS, NEOPLASM/ ATAXIA TELANGIECTASIA, complications/ BACTERIAL INFECTIONS/ CHEDIAK-HIGASHI SYNDROME, complications/ DOWN'S SYNDROME, complications/ HUMAN/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ IMMUNOSUPPRESSION/ NEOPLASMS, complications/ *NEOPLASMS, immunology/ NUTRITION/ RECURRENCE/ SYNDROME

9807. **Warner NL, Harris AW, Gutman GA:** Membrane immunoglobulin and Fc receptors of murine T and B cell lymphomas. pp. 203–16.
In: Seligmann M, et al., ed. Membrane receptors of lymphocytes. Amsterdam, North-Holland Publ, 1975. W3 I35 no.1 1975.
*B-LYMPHOCYTES, immunology/ *BINDING SITES, ANTIBODY/ BINDING, COMPETITIVE/ CELL LINE/ DOSE-RESPONSE RELATIONSHIP, IMMUNOLOGIC/ IMMUNOGLOBULIN ALLOTYPES/ IMMUNOGLOBULINS, biosynthesis/ *IMMUNOGLOBULINS, FC/ *IMMUNOGLOBULINS, SURFACE, metabolism/ IMMUNOLOGIC TECHNICS/ *LYMPHOMA, immunology/ MICE/ MONOGRAPH/ MYELOMA PROTEINS, metabolism/ NEOPLASMS, EXPERIMENTAL, immunology/ PEPTIDE HYDROLASES, metabolism/ PLASMACYTOMA, immunology/ SARCOMA, MAST CELL, immunology/ *T-LYMPHOCYTES, immunology/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9808. **Warner WL:** Toxicology and pharmacology of adenine in animals and man. Transfusion 17(4):326–32, Jul-Aug 77
*ADENINE, pharmacodynamics/ ADENINE, toxicity/ ANIMAL/ ANIMALS, NEWBORN/ BABOONS/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ DOGS/ ERYTHROCYTES/ EXCHANGE TRANSFUSION/ HUMAN/ KIDNEY, drug effects/ MICE/ MONKEYS/ PREGNANCY/ RATS/ SPECIES SPECIFICITY/ SWINE

9809. **Warniez C, Loffredo V:** Le risque thrombotique sous oestro-progestatifs anticonceptionnels : élements de pathogénie. Rev Fr Gynecol Obstet 72(2):141–5, Feb 77 (Eng. Abstr.) **(Fre)**
*CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, HORMONAL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ SMOKING, complications/ *THROMBOSIS, chemically induced

9810. **Warrell DA, Davidson NMcD, Greenwood BM, et al:** Poisoning by bites of the saw-scaled or carpet viper (Echis carinatus) in Nigeria. Q J Med 46(181):33–62, Jan 77
ADOLESCENCE/ ADULT/ ANTIVENINS, therapeutic use/ BLOOD COAGULATION DISORDERS, chemically induced/ CASE REPORT/ CHILD/ FEMALE/ HEMORRHAGE, chemically induced/ HUMAN/ MALE/ NECROSIS, chemically induced/ NIGERIA/ SKIN DISEASES, chemically induced/ *SNAKE BITES/ SNAKE BITES, blood/ SNAKE BITES, complications/ SNAKE BITES, drug therapy/ SNAKE VENOMS, poisoning

9811. **Warren BA:** Some aspects of blood borne tumour emboli associated with thrombosis. Z Krebsforsch 87(1):1–15, 24 Sep 76
ANIMAL/ BLOOD VESSELS, ultrastructure/ ENDOTHELIUM, ultrastructure/ HAMSTERS/ MICE/ MICE, INBRED STRAINS/ *NEOPLASM CIRCULATING CELLS/ *NEOPLASM METASTASIS, blood/ *NEOPLASMS, blood supply/ NEOPLASMS, blood/ NEOPLASMS, EXPERIMENTAL/ PLATELET ADHESIVENESS/ RATS/ *THROMBOEMBOLISM, etiology

9812. **Warren BA, Lytton DG:** The effects and morphology of atheroembolism in limb arteries: an experimental study. Pathology 8(3):231–45, Jul 76
ANIMAL/ AORTA, ABDOMINAL, pathology/ *ARTERIOSCLEROSIS, complications/ *ATHEROMA, complications/ *FEMORAL ARTERY/ *ILIAC ARTERY/ ILIAC ARTERY, pathology/ MALE/ MICROSCOPY, ELECTRON/ *MICROSCOPY, ELECTRON, SCANNING/ RABBITS/ *THROMBOSIS, etiology/ THROMBOSIS, mortality/ THROMBOSIS, pathology

9813. **Warren L, Fuhrer JP, Tuszynski GP, et al:** Cell-surface glycoproteins in normal and transformed cells. Biochem Soc Symp (40):147–57, 1974 (32 ref.)
CELL LINE/ *CELL MEMBRANE, metabolism/ *CELL TRANSFORMATION, NEOPLASTIC/ GLUCOSAMINE, analysis/ GLYCOPEPTIDES, analysis/ *GLYCOPROTEINS/ GLYCOPROTEINS, metabolism/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PRONASE/ REVIEW/ TRYPSIN

9814. **Washtien W, Abeles RH:** Mechanism of inactivation of gamma-cystathionase by the acetylenic substrate analogue propargylglycine. Biochemistry 16(11):2485–91, 31 May 77
ALKYNES, pharmacodynamics/ *AMINO ACIDS, pharmacodynamics/ BOROHYDRIDES/ CHEMISTRY/ *CYSTATHIONINE GAMMA-LYASE, antagonists & inhibitors/ DEUTERIUM/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ *LYASES, antagonists & inhibitors/ MOLECULAR CONFORMATION/ OXIDATION-REDUCTION/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9815. **Wasowicz B:** Kurs pt.: Gospodarka lipoproteidowa --aspekty fizjologiczne i kliniczno Zaburzenia przemiany fosfolipidów i ich rola w patologii Przegl Lek 33(9):813–5, 1976 **(Pol)**
BLOOD COAGULATION DISORDERS, metabolism/ *HEMATOLOGIC DISEASES, metabolism/ HUMAN/ NIEMANN-PICK DISEASE, metabolism/ *PHOSPHOLIPIDS, metabolism/ SPHINGOLIPIDS, metabolism

9816. **Wasser E:** Erfahrungen mit einer neuen Glucosebestimmungsmethode auf dem Greiner Selective Analyzer II (GSA II) J Clin Chem Clin Biochem 15(3):109–13, Mar 77 (Eng. Abstr.) **(Ger)**
ALCOHOL OXIDOREDUCTASES/ ANTICOAGULANTS/ AUTOANALYSIS, methods/ BLOOD PRESERVATION/ *BLOOD SUGAR, analysis/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FALSE POSITIVE REACTIONS/ HEXOKINASE/ HUMAN/ SPECTROPHOTOMETRY, ULTRAVIOLET, methods

9817. **Watanabe F, Takamura K:** [Polarographic behavior of vitamin K5 in aqueous and alcohol solutions and the application to the determination of vitamin K5 (author's transl)] J Pharm Soc Jpn 96(6):714–20, Jun 76 (Eng. Abstr.) **(Jpn)**
ALCOHOL, ETHYL/ CHEMISTRY, PHYSICAL/ ENGLISH ABSTRACT/ *POLAROGRAPHY/ SOLUTIONS/ *VITAMIN K, analysis/ WATER

9818. **Watanabe H, Kudo K, Itoh K, et al:** [Traumatic false aneurysm and arteriovenous fistula involving the middle meningeal artery-a case combined with intracerebral hematoma (author's transl)] Neurol Surg (Tokyo) 4(11):1101–6, Nov 76 (Eng. Abstr.) **(Jpn)**
*ARTERIOVENOUS FISTULA, complications/ ARTERIOVENOUS FISTULA, etiology/ ARTERIOVENOUS FISTULA, radiography/ *BRAIN INJURIES, ACUTE, complications/ CASE REPORT/ *CEREBRAL ANEURYSM, complications/ CEREBRAL ANEURYSM, etiology/ CEREBRAL ANEURYSM, radiography/ CEREBRAL ANEURYSM, surgery/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, surgery/ ENGLISH ABSTRACT/ *HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ MALE/

*MENINGEAL ARTERIES/ MIDDLE AGE

9819. **Watanabe H, Ito M, Chigasaki H, et al:** Antifibrinolytic therapy in ruptured intracranial aneurysm through repeated monitoring of fibrinolytic activity of blood. Neurol Med Chir (Tokyo) 16(PT1):91–6, 1976
*CEREBRAL ANEURYSM, complications/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ *FIBRINOLYSIS/ HUMAN/ RUPTURE, SPONTANEOUS/ SUBARACHNOID HEMORRHAGE, blood/ *SUBARACHNOID HEMORRHAGE, drug therapy/ SUBARACHNOID HEMORRHAGE, etiology/ *TRANEXAMIC ACID, therapeutic use

9820. **Watanabe H, Chigasaki H, Ishii S:** [Studies on the fibrinolytic system in ruptured intracranial aneurysm. Part 1. Monitoring of the antifibrinolytic therapy through repeated measurement of SK-euglobulin lysis time and FDP (author's transl)] Neurol Surg (Tokyo) 5(8):857–63, Jul 77 (Eng. Abstr.) **(Jpn)**
ADMINISTRATION, ORAL/ CASE REPORT/ *CEREBRAL ANEURYSM, blood/ CEREBRAL ANEURYSM, drug therapy/ CYCLOHEXANECARBOXYLIC ACIDS, administration & dosage/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIS, drug effects/ HUMAN/ INJECTIONS, INTRAVENOUS/ MIDDLE AGE/ RUPTURE, SPONTANEOUS/ *SERUM GLOBULINS, metabolism/ *STREPTOKINASE, metabolism

9821. **Watanabe K, Chao FC, Tullis JL:** Platelet antithrombins: role of thrombin binding and the release of platelet fibrinogen. Br J Haematol 35(1):123–33, Jan 77
*ANTITHROMBINS, metabolism/ BINDING SITES/ BLOOD COAGULATION/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CELL FRACTIONATION/ *FIBRINOGEN, metabolism/ HUMAN/ PROSTAGLANDINS E, pharmacodynamics/ SONICATION, adverse effects/ *THROMBIN, metabolism

9822. **Watanabe N:** Antihyaluronidase level in children with rheumatic fever and other streptococcal infection. Jpn Heart J 17(5):580–91, Sep 76
ADOLESCENCE/ ANTISTREPTOLYSIN, metabolism/ CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ HYALURONIC ACID, metabolism/ *HYALURONIDASE, antagonists & inhibitors/ INFANT/ MALE/ PURPURA, metabolism/ *RHEUMATIC FEVER, enzymology/ STREPTOCOCCAL INFECTIONS, enzymology

9823. **Watanabe T, Ogasawara N, Goto H:** Genetic study of pancreatic proteinase in mice (Mus musculus): genetic variants of trypsin and chymotrypsin. Biochem Genet 14(9–10):697–707, Oct 76
ALLELES/ ANIMAL/ CHYMOTRYPSIN, analysis/ GENES, STRUCTURAL/ GENOTYPE/ *ISOENZYMES, analysis/ LINKAGE (GENETICS)/ MICE/ *PANCREAS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN, analysis/ TRYPSIN, metabolism/ *VARIATION (GENETICS)

9824. **Watanabe T, Tanaka K:** [Electron microscopic study of the kidney in systemic Shwartzman reaction] Jpn J Nephrol 18(10):599–609, Oct 76 (Eng. Abstr.) **(Jpn)**
ANIMAL/ ENGLISH ABSTRACT/ *KIDNEY GLOMERULUS, ultrastructure/ MALE/ RABBITS/ *SHWARTZMAN PHENOMENON, pathology

9825. **Watanabe T, Ogasawara N, Goto H:** Genetic study of pancreatic proteinase in mice (Mus musculus): linkage of the Prt-2 locus on chromosome 8. Biochem Genet 14(11–12):999–1002, Dec 76
ANIMAL/ CHROMOSOME MAPPING/ *GENES, STRUCTURAL/ *LINKAGE (GENETICS)/ MICE/ *PANCREAS, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RECOMBINATION, GENETIC

9826. **Watanabe T, Tanaka K:** Electron microscopic observations of the kidney in the generalized Shwartzman reaction. Virchows Arch [Pathol Anat] 374(3):183–96, 23 Jun 77
ANIMAL/ CAPILLARIES/ ENDOTHELIUM/ ENDOTOXINS/ FIBRIN/ KIDNEY CORTEX NECROSIS, pathology/ KIDNEY GLOMERULUS, pathology/ *KIDNEY, pathology/ MALE/ MICROSCOPY, ELECTRON/ NEUTROPHILS/ RABBITS/ *SHWARTZMAN PHENOMENON, pathology

9827. **Watelet J, Testart J, Biga N, et al:** Rupture de l'artère sous-clavière. A propos d'un cas. J Chir (Paris) 112(1–2):37–46, Jul–Aug 76 (Eng. Abstr.) **(Fre)**
ACCIDENTS, TRAFFIC/ CASE REPORT/ CLAVICLE, injuries/ ENGLISH ABSTRACT/ FRACTURES, etiology/ FRACTURES, surgery/ HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ RUPTURE/ *SUBCLAVIAN ARTERY, injuries/ SUBCLAVIAN ARTERY, surgery

9828. **Watkins WB, Small CW:** Degradation by human placental tissue extracts of oxytocin radioactively labelled in positions 2 and 3. pp. 761–9.
In: Walter R, Meienhofer J, ed. Peptides:chemistry, structure and biology. Ann Arbor, Ann Arbor Science Publishers, 1975. W3 AM595 1975p.
AMIDES/ AMINO ACID SEQUENCE/ *AMINOPEPTIDASES, metabolism/ FEMALE/ GLYCINE/ HUMAN/ KINETICS/ MONOGRAPH/ *OXYTOCIN, metabolism/ *OXYTOCINASE, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *PLACENTA, enzymology/ PREGNANCY

9829. **Watson RC, Farr GH Jr:** Cavernous hemangioma of the liver. Clin Bull 6(4):168–9, 1976
FEMALE/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ *LIVER NEOPLASMS/ LIVER NEOPLASMS, pathology/ LIVER NEOPLASMS, radiography/ LIVER, pathology/ MIDDLE AGE

9830. **Watts C:** Meningioma following irradiation. Cancer 38(5):1939–40, Nov 76
ADULT/ *BRAIN NEOPLASMS, etiology/ BRAIN NEOPLASMS, pathology/ CASE REPORT/ FEMALE/ *HEMANGIOMA, radiotherapy/ HUMAN/ *MENINGIOMA, etiology/ MENINGIOMA, pathology/ *NEOPLASMS, RADIATION-INDUCED/ NEOPLASMS, RADIATION-INDUCED, pathology/ *RADIOTHERAPY, adverse effects

9831. **Watts C:** Disseminated intravascular coagulation. Surg Neurol 8(4):258–62, Oct 77
BLOOD COAGULATION TESTS/ CASE REPORT/ CHILD ABUSE/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ *HEMATOMA, SUBDURAL, complications/ HUMAN/ INFANT/ MALE

9832. **Waugh DF, Lindon JN:** Effects of ions on ADP-induced aggregation of bovine or human platelets. Thromb Haemostas 36(2):465–78, 30 Nov 76
ADENOSINE DIPHOSPHATE/ ANIMAL/ *CALCIUM, pharmacodynamics/ CATIONS, DIVALENT/ CATTLE/ CITRATES, pharmacodynamics/ DRUG INTERACTIONS/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *MAGNESIUM, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9833. **Wautier J, Caen JP, Rymer R:** Angiodysplasia in acquired von Willebrand disease [letter]. Lancet 2(7992):973, 30 Oct 76
ANEURYSM, complications/ ANEURYSM, etiology/ *ARTERIES/ ARTERIOSCLEROSIS OBLITERANS, etiology/ ARTERIOVENOUS MALFORMATIONS, complications/ CASE REPORT/ FEMALE/ HUMAN/ ILIAC ARTERY/ LEG, blood supply/ RUPTURE, SPONTANEOUS, etiology/ *VASCULAR

DISEASES, etiology/ *VON WILLEBRAND'S DISEASE, complications

9834. **Wautier JL, Caen JP:** Les troubles de l'hémostase chez l' éthylique Actual Odontostomatol (Paris) (115):455–61, Sep 76 **(Fre)**
ALCOHOLISM, blood/ *ALCOHOLISM, complications/ *BLOOD COAGULATION DISORDERS, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRINOLYSIS/ HEMORRHAGIC DIATHESIS, etiology/ HEMORRHAGIC DIATHESIS, therapy/ *HEMOSTASIS/ LIVER CIRRHOSIS, etiology/ THROMBOCYTOPATHY, etiology/ THROMBOPENIA, etiology

9835. **Wautier JL, Souchon H, Caen JP:** Inhibition of platelet aggregation by cationic protein from polymorphonuclear leukocytes. Pathol Biol (Paris) 24 Suppl:23–6, Dec 76
ADENOSINE DIPHOSPHATE/ ANIMAL/ BLOOD PROTEINS, pharmacodynamics/ *BLOOD PROTEINS, physiology/ C-REACTIVE PROTEIN, metabolism/ COLLAGEN/ COMPLEMENT 1, antagonists & inhibitors/ COMPLEMENT 1, metabolism/ DEPRESSION, CHEMICAL/ ELECTROCHEMISTRY/ IGG/ NEUTROPHILS, metabolism/ *NEUTROPHILS, physiology/ PEPTIDE HYDROLASES, metabolism/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ RISTOCETIN/ THROMBIN

9836. **Way LW, Motson RW:** Part III. Dissolution of retained common duct stones. Adv Surg 10:99–119, 1976 (70 ref.)
ADMINISTRATION, ORAL/ BILE ACIDS AND SALTS, administration & dosage/ BILE, metabolism/ CHLOROFORM, administration & dosage/ CHOLAGOGUES AND CHOLERETICS, administration & dosage/ CHOLANGIOGRAPHY/ CHOLELITHIASIS, surgery/ CHOLESTASIS, therapy/ CHOLESTEROL, metabolism/ CHOLIC ACIDS, administration & dosage/ *COMMON BILE DUCT CALCULI, drug therapy/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ETHERS, administration & dosage/ HEPARIN, administration & dosage/ HUMAN/ HYDROSTATIC PRESSURE/ IRRIGATION, methods/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ REVIEW/ SODIUM CHLORIDE, administration & dosage/ SOLUBILITY

9837. **Waymouth C:** To disaggregate or not to disaggregate injury and cell disaggregation, transient or permanent? In Vitro 10:97–111, Jul-Aug 74
AMMONIUM CHLORIDE/ CELL MEMBRANE, drug effects/ *CELL SEPARATION, methods/ CELL SURVIVAL, drug effects/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ EDTA, pharmacodynamics/ EGTA, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ LIVER, cytology/ MAMMAE, cytology/ OSMOLAR CONCENTRATION/ PANCREATOPEPTIDASE, pharmacodynamics/ POLYRIBOSOMES, drug effects/ PRESSURE/ PRONASE, pharmacodynamics/ STAINS AND STAINING/ TETRAPHENYLBORATE, pharmacodynamics/ TRYPAN BLUE, diagnostic use/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9838. **Wear JB Jr, Crummy AB, Munson BO:** A new approach to the treatment of priapism. J Urol 117(2):252–4, Feb 77
ADULT/ BLOOD COAGULATION/ CASE REPORT/ HUMAN/ MALE/ METHODS/ *PENIS, blood supply/ *PRIAPISM, therapy

9839. **Weatherbee JA, Luftig RB, Weihing RR:** Binding of adenovirus to microtubules. II. Depletion of high-molecular-weight microtubule-associated protein content reduces specificity of in vitro binding. J Virol 21(2):732–42, Feb 77
*ADENOVIRUSES, HUMAN, metabolism/ BRAIN/ CHICKENS/ *GLYCOPROTEINS, metabolism/ MICROTUBULES, drug effects/ *MICROTUBULES, metabolism/ MICROTUBULES, ultrastructure/ PROTEIN BINDING/ RATS/ REOVIRUS TYPE 3, metabolism/ TRYPSIN, pharmacodynamics/ *TUBULIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9840. **Weathers WW, Snyder GK:** Hemodynamics of the lesser mouse deer, Tragulus javanicus. J Appl Physiol 42(5):679–81, May 77
ANIMAL/ *ARTIODACTYLA, physiology/ BIOMETRY/ BLOOD PRESSURE/ BLOOD VISCOSITY/ BODY WEIGHT/ CAPILLARY RESISTANCE/ CARDIAC OUTPUT/ *CARDIOVASCULAR SYSTEM, physiology/ ERYTHROCYTES/ FEMALE/ HEART RATE/ MALE/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9841. **Weathersby PK, Horbett TA, Hoffman AS:** Solution stability of bovine fibrinogen. Thromb Res 10(2):245–52, Feb 77
ALANINE/ ANIMAL/ CATTLE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, isolation & purification/ METHODS/ MOLECULAR WEIGHT/ POLYETHYLENE GLYCOLS/ PRECIPITATION/ TRICHLOROACETIC ACID/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9842. **Webber MM:** Labeled albumin aggregates for detection of clots. Semin Nucl Med 7(3):253–61, Jul 77
COMPARATIVE STUDY/ FIBRINOGEN, diagnostic use/ HUMAN/ *LEG, blood supply/ *RADIONUCLIDE IMAGING/ *SERUM ALBUMIN, diagnostic use/ SERUM ALBUMIN, RADIO-IODINATED, diagnostic use/ TECHNETIUM, diagnostic use/ *THROMBOPHLEBITIS, diagnosis

9843. **Weber G:** Istogenesi della placca nell'arteriosclerosi sperimentale ed il problema della sua regressione G Ital Cardiol 6(3):367–70, 1976 **(Ita)**
ANIMAL/ *ARTERIES, ultrastructure/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ DIET, ATHEROGENIC/ ENDOTHELIUM, ultrastructure/ MICROSCOPY, ELECTRON/ MUSCLE, SMOOTH, ultrastructure/ REMISSION

9844. **Weber G, Fabbrini P, Resi L, et al:** Aortic endothelial and sub-endothelial lesions in early stages of experimental atherogenesis and in scurvy. Pathol Eur 11(4):251–6, 1976
ANIMAL/ *AORTA, pathology/ AORTA, ultrastructure/ *AORTIC DISEASES, pathology/ *ARTERIOSCLEROSIS, pathology/ *ATHEROSCLEROSIS, pathology/ DIET, ATHEROGENIC/ ENDOTHELIUM, pathology/ ENDOTHELIUM, ultrastructure/ GUINEA PIGS/ RABBITS/ RECEPTORS, CONCANAVALIN A/ *SCURVY, pathology/ VACUOLES, ultrastructure

9845. **Weber G, Bertelli E, Lungarella G, et al:** Osservazioni, con la tecnica del Freeze-etching, sulle piastrine circolanti di soggetti dislipemici e nella ipercolesterolemia sperimentale. Nota preliminare
Arch De Vecchi Anat Patol 61(1):69–75, Apr 76 **(Ita)**
ANIMAL/ *BLOOD PLATELETS, ultrastructure/ *FREEZE ETCHING, methods/ HUMAN/ HYPERCHOLESTEREMIA, blood/ *HYPERCHOLESTEREMIA, pathology/ HYPERLIPEMIA, blood/ *HYPERLIPEMIA, pathology/ RABBITS

9846. **Weber G, Fabbrini P, Resi L, et al:** Aortic surface coat scanning electron-microscopic modifications after short-term hypercholesterolic diet, visualized in rabbits by con A-haemocyanin reaction. Atherosclerosis 27(2):141–5, Jun 77
ANIMAL/ *AORTA, pathology/ *ARTERIOSCLEROSIS, pathology/ ATHEROSCLEROSIS, etiology/ *ATHEROSCLEROSIS, pathology/ CHOLESTEROL, DIETARY, administration & dosage/ CHOLESTEROL, DIETARY, adverse effects/ COMPARATIVE STUDY/ CONCANAVALIN A, diagnostic use/ DIET, ATHEROGENIC/ HEMOCYANIN, diagnostic use/ MICROSCOPY, ELECTRON, SCANNING/ RABBITS/ RECEPTORS, CONCANAVALIN A/ TIME FACTORS

9847. **Weber G, Losi M, Shore B, et al:** Etude de la metformine sur l'artériosclérose expérimentale (lipoprotéines plasmatiques, plaquettes, artères et pancréas).
Journ Annu Diabetol Hotel Dieu :228–43, 1977 **(Fre)**
ANIMAL/ *ARTERIES, drug effects/ *ARTERIOSCLEROSIS, drug therapy/ *BLOOD PLATELETS, drug effects/ *LIPOPROTEINS, blood/ METFORMIN, pharmacodynamics/ *METFORMIN, therapeutic use/ *PANCREAS, drug effects/ RABBITS

9848. **Weber I, Fabre J, Haissily JC, et al:** Pneumopathie aiguë
Praxis 65(15):446–8, 13 Apr 76 **(Fre)**
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *LUNG DISEASES/ MALE/ ORNITHOSIS, diagnosis/ PNEUMONIA, microbiology/ PULMONARY EMBOLISM, diagnosis/ STAPHYLOCOCCUS, isolation & purification/ STREPTOCOCCUS PNEUMONIAE, isolation & purification

9849. **Weber U, Schmid H:** Synthese und biologische Aktivität des Dekapeptids Gly–Pro–Cys–Lys–Ala–Arg–Phe–Gly–Gly–Cys als Modell für das aktive Zentrum des basischen Trypsininhibitors aus Rinderorganen (Kunitz–Inhibitor
Hoppe Seylers Z Physiol Chem 357(10):1359–63, Dec 76 (Eng. Abstr.) **(Ger)**
CATTLE/ ENGLISH ABSTRACT/ METHODS/ MODELS, BIOLOGICAL/ *PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, chemical synthesis/ PEPTIDES, pharmacodynamics/ *TRYPSIN INHIBITOR, KUNITZ SOYBEAN, pharmacodynamics/ *TRYPSIN INHIBITORS, pharmacodynamics

9850. **Wechsler AS, Wolfe WG:** Heparinless shunting during cross–clamping of the thoracic aorta [editorial].
Ann Thorac Surg 23(6):497–8, Jun 77
ANIMAL/ *AORTA, THORACIC, surgery/ AORTIC ANEURYSM, surgery/ ARTERIES, surgery/ HEPARIN, therapeutic use/ HUMAN/ METHODS

9851. **Weck PK, Johnson TC:** Nuclear–cytosol interactions that modulate RNA synthesis and transcript size of mouse brain nuclei. J Neurochem 27(6):1367–74, Dec 76
AGING/ ANIMAL/ BLOOD CELLS, ultrastructure/ *BRAIN, ultrastructure/ *CELL NUCLEUS, metabolism/ CELLS, CULTURED/ CENTRIFUGATION, DENSITY GRADIENT/ COMPARATIVE STUDY/ *CYTOSOL, physiology/ GUINEA PIGS/ HEPARIN, pharmacodynamics/ IN VITRO/ LIVER, ultrastructure/ MICE/ NEUROBLASTOMA, ultrastructure/ NEUROGLIA, ultrastructure/ NEURONS, ultrastructure/ ORGAN SPECIFICITY/ *RNA, biosynthesis/ SPECIES SPECIFICITY/ *TRANSCRIPTION, GENETIC/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9852. **Weeds AG, Pope B:** Studies on the chymotryptic digestion of myosin. Effects of divalent cations on proteolytic susceptibility. J Mol Biol 111(2):129–57, Apr 77
AMINO ACID SEQUENCE/ ANIMAL/ CALCIUM/ *CHYMOTRYPSIN, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MAGNESIUM/ MEROMYOSINS, metabolism/ MOLECULAR WEIGHT/ *MYOSIN, metabolism/ RABBITS

9853. **Wegener K, Wesch H, Kampmann H:** Investigations into human thorotrastosis. Tissue concentrations of 232–Th and late effects in 13 autopsy cases.
Virchows Arch [Pathol Anat] 371(2):131–43, 23 Aug 76
AGED/ FEMALE/ HEMANGIOENDOTHELIOMA, etiology/ HUMAN/ LIVER NEOPLASMS, etiology/ MALE/ MIDDLE AGE/ *NEOPLASMS, RADIATION–INDUCED/ RETICULOENDOTHELIAL SYSTEM, analysis/ *RETICULOENDOTHELIAL SYSTEM, radiation effects/ *THORIUM DIOXIDE, adverse effects/ THORIUM DIOXIDE, analysis

9854. **Wegmann R, Krauter S, Löffelmann K:** Chymotrypsinbestimmung im Stuhl bei chronischen Pankreaserkrankungen mit exokriner Insuffizienz
Wien Med Wochenschr 126(13–14):181–6, 26 Mar 76 **(Ger)**
ADULT/ AGED/ CHRONIC DISEASE/ *CHYMOTRYPSIN, metabolism/ *FECES, enzymology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *PANCREATIC DISEASES, enzymology/ PANCREATIC NEOPLASMS, enzymology/ PANCREATITIS, enzymology

9855. **Weidinger P:** Die Wertigkeit der Venenkapazitätsmessung in der venösen Funktionsdiagnostik
Acta Med Austriaca 3(4):112–6, 1976 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ *PLETHYSMOGRAPHY, IMPEDANCE/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ *VARICOSE VEINS, diagnosis/ VARICOSE VEINS, radiography

9856. **Weiland AJ, Villarreal–Rios A, Kleinert HE, et al:** Replantation of digits and hands: analysis of surgical techniques and functional results in 71 patients with 86 replantations. J Hand Surg 2(1):1–12, Jan 77
ADOLESCENCE/ ADULT/ AGED/ AMPUTATION, TRAUMATIC, surgery/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FINGER INJURIES, surgery/ FINGERS, blood supply/ FINGERS, innervation/ *FINGERS, surgery/ HAND INJURIES, surgery/ *HAND, surgery/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ MALE/ METACARPOPHALANGEAL JOINT, surgery/ METACARPUS, surgery/ MIDDLE AGE/ *REIMPLANTATION/ THUMB, surgery

9857. **Weiler G:** Zur venösen Gasembolie bei diagnostischen und therapeutischen Eingriffen unter besonderer Berücksichtigung des Pneumoperitoneums
Beitr Gerichtl Med 34:9–14, 1976 (Eng. Abstr.) **(Ger)**
ADULT/ BLOOD PLATELETS/ CHILD, PRESCHOOL/ *EMBOLISM, AIR, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *INFUSIONS, PARENTERAL, adverse effects/ *PNEUMOPERITONEUM, ARTIFICIAL, adverse effects

9858. **Weill F, Bourgoin A, Eisenscher A, et al:** Aspect ultrasonore des collections liquidiennes abdominales. Ascite, abcès, hématome J Radiol Electrol Med Nucl 57(8–9):618, Aug–Sep 76 **(Fre)**
*ABDOMINAL WALL/ *HEMATOMA, diagnosis/ HUMAN/ *MESENTERY/ PERITONEAL DISEASES, diagnosis/ *SUBPHRENIC ABSCESS, diagnosis

9859. **Weill F, Eisenscher A, Bourgoin A, et al:** Aspect ultrasonore des abcès et hématomes abdominaux J Chir (Paris) 112(6):409–18, Dec 76 (Eng. Abstr.) **(Fre)**
*ABDOMEN/ *ABSCESS, diagnosis/ ENGLISH ABSTRACT/ *HEMATOMA, diagnosis/ HUMAN/ MESENTERY/ MUSCULAR DISEASES, diagnosis/ POSTOPERATIVE COMPLICATIONS, diagnosis/ RETROPERITONEAL SPACE/ SUBPHRENIC ABSCESS, diagnosis/ *ULTRASONICS, diagnostic use

9860. **Weinbach EC, Harlow DR, Claggett CE, et al:** Entamoeba histolytica: diaphorase activities. Exp Parasitol 41(1):186–97, Feb 77
ANIMAL/ *ENTAMOEBA HISTOLYTICA, enzymology/ LIPOAMIDE DEHYDROGENASE, antagonists & inhibitors/ LIPOAMIDE DEHYDROGENASE, isolation & purification/ *LIPOAMIDE DEHYDROGENASE, metabolism/ NAD, metabolism/ NADP, metabolism/ OXIDATION–REDUCTION/ VITAMIN K, metabolism

9861. **Weingarten J, Kauffman SL:** Teflon embolization to pulmonary arteries. Ann Thorac Surg 23(4):371–3, Apr 77
CASE REPORT/ HEART SEPTAL DEFECTS, VENTRICULAR, surgery/ *HEART SURGERY, adverse effects/ HUMAN/ INFANT/ LUNG, pathology/ MALE/ *POLYTETRAFLUOROETHYLENE, adverse effects/ PROSTHESIS/ *PULMONARY EMBOLISM, etiology/ SUTURE TECHNICS

9862. **Weinmann G, Giertler U, Schwela S:** Thrombolytische Therapie in der Pädiatrie Folia Haematol (Leipz) 103(3):472–6, 1976 **(Ger)**
CHILD/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ EMBOLISM, drug therapy/ FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ MALE/ STREPTOKINASE, therapeutic use/ WATERHOUSE-FRIDERICHSEN SYNDROME, drug therapy

9863. **Weintraub AH, Khan I, Karptkin S:** Evidence for a splenic release factor of platelets in chronic blood loss plasma of rabbits. Br J Haematol 34(3):421–6, Nov 76
ANIMAL/ BLOOD CELL COUNT/ *BLOOD PLATELETS, metabolism/ *BLOOD TRANSFUSION/ *BLOODLETTING/ FEMALE/ IRON, blood/ MALE/ MEGAKARYOCYTES/ *PLASMA, metabolism/ RABBITS/ *SPLEEN, metabolism/ SPLENECTOMY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9864. **Weinzierl M, Kruis W, Krumpoch B, et al:** Durch Röntgenbefunde induzierte differentialdiagnostische Probleme bei Lungenembolien Fortschr Med 95(19):1287–90, 19 May 77 (Eng. Abstr.) **(Ger)**
ADULT/ ALLOPURINOL, therapeutic use/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ DIGITALIS GLYCOSIDES, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ LUNG NEOPLASMS, diagnosis/ LUNG, radiography/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, radiography/ RADIONUCLIDE IMAGING/ SPIRONOLACTONE, therapeutic use

9865. **Weir B, Miller J, Russell D:** Intracranial aneurysms: a clinical, angiographic and computerized tomographic study. Can J Neurol Sci 4(2):99–105, May 77
*ANGIOGRAPHY/ *CEREBRAL ANEURYSM, radiography/ CEREBRAL HEMORRHAGE, radiography/ HEMATOMA, radiography/ HUMAN/ SUBARACHNOID HEMORRHAGE, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

9866. **Weir EK, Mlczoch J, Reeves JT, et al:** Endotoxin and prevention of hypoxic pulmonary vasoconstriction. J Lab Clin Med 88(6):975–83, Dec 76
*ANOXIA, physiopathology/ BLOOD PLATELETS, drug effects/ *BLOOD PRESSURE/ BLOOD PRESSURE, drug effects/ DOGS/ *ENDOTOXINS, pharmacodynamics/ HUMAN/ INDOMETHACIN, pharmacodynamics/ LEUKOCYTE COUNT/ LEUKOCYTES, drug effects/ MECLOFENAMIC ACID, pharmacodynamics/ PROSTAGLANDIN ANTAGONISTS/ PROSTAGLANDINS, biosynthesis/ PULMONARY ARTERY, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR RESISTANCE, drug effects/ *VASOMOTOR SYSTEM, drug effects

9867. **Weir GJ, Roberts RC, Wenzel FJ, et al:** Visualisation of thrombi with technetium-99m urokinase [letter]. Lancet 2(7989):807, 9 Oct 76
HUMAN/ *RADIONUCLIDE IMAGING/ TECHNETIUM, diagnostic use/ *THROMBOSIS, diagnosis/ UROKINASE, diagnostic use

9868. **Weisbrot IM:** Electronic platelet counts [letter]. Am J Clin Pathol 67(3):313–4, Mar 77
*BLOOD CELL COUNT/ *BLOOD PLATELETS

9869. **Weisbrot IM, Waldner DK:** Evaluation of a single-channel photo-optical clot-timing instrument. Am J Clin Pathol 68(3):361–7, Sep 77
*BLOOD COAGULATION TESTS, instrumentation/ EVALUATION STUDIES/ FIBRINOGEN, analysis/ HEPARIN, administration & dosage/ HEPARIN, blood/ HUMAN/ *PHOTOMETRY, instrumentation/ PROTHROMBIN TIME/ TEMPERATURE/ THROMBOPENIA, blood/ THROMBOPLASTIN, analysis

9870. **Weisenburger DD, O'Conner ML, Hart MN:** Thrombotic thrombocytopenic purpura with C'3 vascular deposits: report of a case. Am J Clin Pathol 67(1):61–3, Jan 77
ADULT/ ARTERIES, metabolism/ *BLOOD VESSELS, analysis/ CAPILLARIES, metabolism/ CASE REPORT/ *COMPLEMENT 3, metabolism/ *COMPLEMENT, metabolism/ FEMALE/ HUMAN/ *IGM, metabolism/ *PURPURA, THROMBOTIC THROMBOPENIC, immunology

9871. **Weiss AJ, Metter GE, Fletcher WS, et al:** Studies on adriamycin using a weekly regimen demonstrating its clinical effectiveness and lack of cardiac toxicity. Cancer Treat Rep 60(7):813–22, Jul 76
*ADRIAMYCIN, adverse effects/ ADRIAMYCIN, therapeutic use/ ADULT/ AGED/ CASE REPORT/ CLINICAL RESEARCH/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG ADMINISTRATION SCHEDULE/ FEMALE/ *HEART DISEASES, chemically induced/ HUMAN/ LEUKOPENIA, chemically induced/ MALE/ MIDDLE AGE/ NAUSEA, chemically induced/ NEOPLASMS, drug therapy/ PROGNOSIS/ STOMATITIS, chemically induced/ THROMBOPENIA, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9872. **Weiss HJ, Lages BA:** Possible congenital defect in platelet thromboxane synthetase [letter]. Lancet 1(8014):760–1, 2 Apr 77
ADULT/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS, methods/ *BLOOD PLATELETS, enzymology/ CASE REPORT/ CHILD/ FEMALE/ HUMAN/ HYDROXY ACIDS, biosynthesis/ MALE/ *OXIDOREDUCTASES, deficiency/ PLATELET AGGREGATION/ PROSTAGLANDIN SYNTHASE, deficiency/ PYRANS, biosynthesis

9873. **Weiss HJ, Sussman II, Hoyer LW:** Stabilization of factor VIII in plasma by the von Willebrand factor. Studies on posttransfusion and dissociated factor VIII and in patients with von Willebrand's disease. J Clin Invest 60(2):390–404, Aug 77
*BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD TRANSFUSION/ DRUG STABILITY/ *FACTOR VIII/ FACTOR VIII, isolation & purification/ FACTOR VIII, metabolism/ HEMOPHILIA, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL/ KINETICS/ PROTEIN BINDING/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VON WILLEBRAND FACTOR/ VON WILLEBRAND FACTOR, isolation & purification/ *VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, therapy

9874. **Weiss L:** A pathobiologic overview of metastasis. Semin Oncol 4(1):5–17, Mar 77
ANIMAL/ ANTICOAGULANTS, pharmacodynamics/ BLOOD VESSELS, pathology/ CELL ADHESION, drug effects/ CELL MOVEMENT, drug effects/ ENDOTHELIUM, pathology/ HUMAN/ IMMUNOTHERAPY/ LYMPH NODES, pathology/ LYMPHATIC METASTASIS, pathology/ NEOPLASM CIRCULATING CELLS/ NEOPLASM INVASIVENESS/ NEOPLASM METASTASIS, blood supply/ NEOPLASM METASTASIS, immunology/ *NEOPLASM METASTASIS, pathology/ NEOPLASMS, EXPERIMENTAL, pathology/ ORGAN SPECIFICITY/ THROMBOSIS, pathology

9875. **Weissbach G, Domula M, Lenk H:** Intensive Substitutionstherapie bei Hämophilen Kinderaerztl Prax 44(8):360–7, Aug 76 **(Ger)**
ADOLESCENCE/ BLOOD PROTEINS, analysis/ CHILD/ *FACTOR VIII, administration & dosage/ FIBRINOGEN, analysis/ HEMOLYSIS/ HEMOPHILIA, blood/ *HEMOPHILIA, drug therapy/ HEPARIN, blood/ HUMAN/ MALE

9876. **Weissman J:** Rehabilitation medicine and the hemophilic

patient. Mt Sinai J Med NY 44(3):359–70, May–Jun 77
ADOLESCENCE/ AGED/ CHILD/ HEMARTHROSIS, rehabilitation/ *HEMOPHILIA, rehabilitation/ HUMAN/ PATIENT CARE TEAM/ PHYSICAL THERAPY, methods

9877. **Weitzman S, Dvilansky A, Yanai I:** Thrombocytopenic purpura as the sole manifestation of recurrence in Hodgkin's disease. Acta Haematol (Basel) 58(3):129–33, 1977
ADULT/ CASE REPORT/ *HODGKIN'S DISEASE, complications/ HUMAN/ LYMPH NODES, pathology/ MALE/ NEOPLASM RECURRENCE, LOCAL/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, etiology

9878. **Wekerle H, Feldman M:** T lymphocyte receptors for cell surface antigens. pp. 93–100.
In: Seligmann M, et al., ed. Membrane receptors of lymphocytes. Amsterdam, North-Holland Publ, 1975. W3 I35 no.1 1975.
ANIMAL/ ANTI-ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ BETA 2 MICROGLOBULIN, immunology/ *BINDING SITES, ANTIBODY/ CELL ADHESION/ CELLS, CULTURED/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ HISTOCOMPATIBILITY ANTIGENS/ ISOANTIBODIES/ LYMPHOCYTE TRANSFORMATION/ MONOGRAPH/ NEURAMINIDASE/ RATS/ RATS, INBRED STRAINS/ *T-LYMPHOCYTES, immunology/ TEMPERATURE/ TRYPSIN

9879. **Weksler BB, Gillick M, Pink J:** Effect of propranolol on platelet function. Blood 49(2):185–96, Feb 77
A-23187, pharmacodynamics/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, physiology/ CARBON RADIOISOTOPES/ CELL ADHESION, drug effects/ CLOT RETRACTION/ COLLAGEN/ HUMAN/ ISOMERISM/ *PLATELET AGGREGATION, drug effects/ PLATELET FACTOR 3, metabolism/ PROPRANOLOL, blood/ *PROPRANOLOL, pharmacodynamics/ SEROTONIN, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9880. **Welch CC:** Alcoholic heart disease. Postgrad Med 61(5):138–44, May 77
*ALCOHOLISM, complications/ ALCOHOLISM, physiopathology/ ARRHYTHMIA, diagnosis/ ELECTROCARDIOGRAPHY/ *HEART DISEASES, etiology/ HEART DISEASES, diagnosis/ HEART ENLARGEMENT, etiology/ HEART FAILURE, CONGESTIVE, etiology/ HEART FAILURE, CONGESTIVE, therapy/ HEART, radiography/ HUMAN/ PULMONARY EMBOLISM, complications

9881. **Welch J, Weintraub H, Gutterman BJ, et al:** Laboratory experience with a new autotransfusion device. Arch Surg 111(12):1374–8, Dec 76
ANIMAL/ BLOOD PLATELETS, analysis/ BLOOD PROTEINS, analysis/ *BLOOD TRANSFUSION, AUTOLOGOUS, instrumentation/ DOGS/ FILTRATION, instrumentation/ HEMATOCRIT/ HEMOGLOBINS, analysis

9882. **Welch MJ, Thakur ML, Coleman RE, et al:** Gallium-68 labeled red cells and platelets: new agents for positron tomography. J Nucl Med 18(6):558–62, Jun 77
ANIMAL/ *BLOOD PLATELETS/ DOGS/ *ERYTHROCYTES/ EVALUATION STUDIES/ *GALLIUM RADIOISOTOPES, diagnostic use/ ISOTOPE LABELING, methods/ *RADIONUCLIDE IMAGING, methods/ *TOMOGRAPHY, methods/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ 8-HYDROXYQUINOLINE

9883. **Welinder KG:** Covalent structure of the glycoprotein horseradish peroxidase (EC 1.11.1.7). FEBS Lett 72(1):19–23, 15 Dec 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ CYANOGEN BROMIDE/ *GLYCOPROTEINS/ *HORSERADISH PEROXIDASE/ ISOENZYMES/ PEPTIDE FRAGMENTS, analysis/ *PEROXIDASES/ TRYPSIN

9884. **Welinder KG, Mazza G:** Amino-acid sequences of heme-linked, histidine-containing peptides of five peroxidases from horseradish and turnip. Eur J Biochem 73(2):353–8, Mar 1 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ COMPARATIVE STUDY/ *HEME/ HISTIDINE, analysis/ *HORSERADISH PEROXIDASE/ PEPTIDE FRAGMENTS, analysis/ *PEROXIDASES/ PLANTS, enzymology/ SPECIES SPECIFICITY/ TRYPSIN

9885. **Wells PN:** Ultrasonics in medicine and biology. Phys Med Biol 22(4):629–69, Jul 77 (226 ref.)
ASCITES, diagnosis/ BLOOD CIRCULATION/ CEPHALOMETRY/ DOPPLER EFFECT/ ECHOCARDIOGRAPHY/ FETAL HEART, physiology/ FETUS/ FIBROMA, therapy/ FLOWMETERS/ HOLOGRAPHY, methods/ HUMAN/ LARYNGEAL NEOPLASMS, therapy/ MENIERE'S DISEASE, therapy/ MITRAL VALVE STENOSIS, diagnosis/ NEOPLASMS, diagnosis/ PAIN, INTRACTABLE, therapy/ REVIEW/ THROMBOPHLEBITIS, diagnosis/ *ULTRASONIC THERAPY/ ULTRASONICS, adverse effects/ *ULTRASONICS, diagnostic use/ ULTRASONICS, instrumentation

9886. **Welsh KI, Burgos H, Batchelor JR:** The immune response to allogeneic rat platelets; Ag-B antigens in matrix form lacking Ia. Eur J Immunol 7(5):267–72, May 77
ANIMAL/ *ANTIBODY FORMATION/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ *HISTOCOMPATIBILITY ANTIGENS/ *IMMUNITY, CELLULAR/ IMMUNOGLOBULIN ALLOTYPES/ RATS/ TRANSPLANTATION, ALLOGENEIC

9887. **Wende S, Aulich A, Nover A, et al:** Computed tomography or orbital lesions. A cooperative study of 210 cases. Neuroradiology 13(3):123–34, 31 May 77
ABSCESS, radiography/ ARTERIOVENOUS MALFORMATIONS, radiography/ DERMOID CYST, radiography/ EXOPHTHALMOS, radiography/ EYE, abnormalities/ FIBROMA, radiography/ GLIOMA, radiography/ GOITER, EXOPHTHALMIC, radiography/ HEMANGIOMA, CAVERNOUS, radiography/ HEMATOMA, radiography/ HUMAN/ LIPOMA, radiography/ MELANOMA, radiography/ MENINGIOMA, radiography/ MUCOCELE, radiography/ NEOPLASM METASTASIS/ NEUROBLASTOMA, radiography/ ORBIT, blood supply/ *ORBIT, radiography/ ORBIT, injuries/ *ORBITAL NEOPLASMS, radiography/ RHABDOMYOSARCOMA, radiography/ *TOMOGRAPHY, COMPUTERIZED AXIAL

9888. **Wendlandt GM, Lichtiger B:** A highly specialized and motivated volunteer population: platelet donors. Transfusion 17(3):218–20, May–Jun 77
*BLOOD DONORS/ *BLOOD PLATELETS/ MOTIVATION/ PLASMAPHERESIS

9889. **Wendt P, Jelen S, Birk M:** Proteinasen (inhibitoren) in Plasma und Fistelsekret bei Patienten mit hohen Dünndarmfisteln. Med Welt 28(21):974–7, 27 May 77 **(Ger)**
ADULT/ AGED/ BLOOD PROTEINS, metabolism/ *EXUDATES AND TRANSUDATES, metabolism/ FEMALE/ HUMAN/ INTESTINAL FISTULA, blood/ *INTESTINAL FISTULA, enzymology/ INTESTINE, SMALL/ MALE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, blood/ *PEPTIDE HYDROLASES, metabolism

9890. **Wengeler H, Holzgreve H, Gokel JM, et al:** Thrombotisch-thrombozytopenische Purpura (Moschcowitz-Syndrom) in der Schwangerschaft Geburtshilfe Frauenheilkd 36(11):953–9, Nov 76 (Eng. Abstr.) **(Ger)**
ADULT/ AUTOPSY/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ECLAMPSIA, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, diagnosis/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, pathology/ PREGNANCY/ *PURPURA, THROMBOTIC

THROMBOPENIC, diagnosis/ PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ PURPURA, THROMBOTIC THROMBOPENIC, pathology

9891. **Wentland SH, Carlson TH, Leonard BD, et al:** Presence of a low molecular weight plasma fibrinogen stimulator and inhibitor in human urine. Thromb Res 10(3):337-47, Mar 77
ANIMAL/ *BLOOD, drug effects/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ *FIBRINOGEN, biosynthesis/ HUMAN/ MALE/ MOLECULAR WEIGHT/ RABBITS/ ULTRAFILTRATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *URINE, analysis

9892. **Wenz W:** Traumatismes de la rate
J Radiol Electrol Med Nucl 57(8-9):664-7, Aug-Sep 76 **(Fre)**
ANGIOGRAPHY/ HEMATOMA, radiography/ HUMAN/ SPLEEN, blood supply/ *SPLENIC RUPTURE, radiography

9893. **Werb Z, Mainardi CL, Vater CA, et al:** Endogenous activiation of latent collagenase by rheumatoid synovial cells. Evidence for a role of plasminogen activator
N Engl J Med 296(18):1017-23, 5 May 77
ALPHA MACROGLOBULINS, metabolism/ *ARTHRITIS, RHEUMATOID, enzymology/ CELLS, CULTURED/ CLOSTRIDIOPEPTIDASE A, biosynthesis/ *CLOSTRIDIOPEPTIDASE A, metabolism/ DEPRESSION, CHEMICAL/ DEXAMETHASONE, pharmacodynamics/ FIBRINOLYSIN, metabolism/ HUMAN/ *PLASMINOGEN ACTIVATORS, metabolism/ PLASMINOGEN, biosynthesis/ PROSTAGLANDINS, biosynthesis/ SYNOVIAL MEMBRANE, cytology/ *SYNOVIAL MEMBRANE, enzymology/ SYNOVITIS, enzymology/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9894. **Werner C, Beck L, Bender HG, et al:** Nachuntersuchung von Patientinnen mit Mamma-Reduktionsplastik nach Strömbeck (1972-1975). Postoperative Komplikationen und Ergebnisse. Modifikation der Technik. Postoperative mammographische Beurteilbarkeit.
Geburtshilfe Frauenheilkd 37(7):566-71, Jul 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ *BREAST, surgery/ CICATRIX/ ENGLISH ABSTRACT/ FEMALE/ FISTULA, etiology/ FOLLOW-UP STUDIES/ HEMATOMA, etiology/ HUMAN/ MAMMOGRAPHY/ MIDDLE AGE/ NECROSIS/ NIPPLES, pathology/ OBESITY, complications/ ORGAN WEIGHT/ POSTOPERATIVE COMPLICATIONS/ *SURGERY, PLASTIC/ SURGERY, PLASTIC, methods/ SURGICAL WOUND INFECTION

9895. **Wertz RK, Koepke JA:** A critical analysis of platelet counting methods. Am J Clin Pathol 68(1 Suppl):195-201, Jul 77
AUTOMATION/ BLOOD CELL COUNT, instrumentation/ *BLOOD CELL COUNT, methods/ *BLOOD PLATELETS/ HUMAN/ PLATELET AGGREGATION/ QUALITY CONTROL

9896. **Wesenberg RL, Rumack CM, Lubchenco LO, et al:** Thick blood syndrome. Radiology 125(1):181-3, Oct 77
*BLOOD VISCOSITY/ CASE REPORT/ EXCHANGE TRANSFUSION/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, radiography/ INFANT, NEWBORN, DISEASES, therapy/ PROSPECTIVE STUDIES/ SYNDROME/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H

9897. **Wessler S:** Prevention of venous thromboembolism by low-dose heparin. Mod Concepts Cardiovasc Dis 45(6):105-9, Jun 76
ADULT/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOEMBOLISM, drug therapy/ *THROMBOEMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

9898. **Wessler S, Gitel SN, Wan LS, et al:** Estrogen-containing oral contraceptive agents. A basis for their thrombogenicity. JAMA 236(19):2179-82, 8 Nov 76
ADOLESCENCE/ ADULT/ ANTITHROMBINS, analysis/ *CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ESTROGENS, SYNTHETIC, adverse effects/ FACTOR X, antagonists & inhibitors/ FEMALE/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ PULMONARY EMBOLISM, prevention & control/ SURGERY, OPERATIVE/ THROMBOEMBOLISM, blood/ *THROMBOSIS, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9899. **Wessler S:** Heparin: present and future developments. pp. 367-71.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. WV 193 I604h 1975.
HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ MONOGRAPH/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

9900. **Wessler S:** Current dilemmas in the clinical use of heparin.
Fed Proc 36(1):66-9, Jan 77
ANTITHROMBINS, pharmacodynamics/ BLOOD COAGULATION FACTORS, antagonists & inhibitors/ CATTLE/ HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ PLATELET AGGREGATION, drug effects/ SPECIES SPECIFICITY/ SWINE/ *THROMBOEMBOLISM, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9901. **Wessler S:** Prevention and treatment of thrombosis.
Adv Intern Med 22:187-205, 1977 (66 ref.)
ANTICOAGULANTS, therapeutic use/ ARTERIOSCLEROSIS, physiopathology/ BLOOD COAGULATION DISORDERS, complications/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBROVASCULAR DISORDERS, drug therapy/ EMBOLISM, drug therapy/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, etiology/ PULMONARY EMBOLISM, drug therapy/ REGIONAL BLOOD FLOW/ REVIEW/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, physiopathology/ *THROMBOSIS, prevention & control/ THROMBOSIS, physiopathology/ THROMBOSIS, therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR SURGERY

9902. **Wessler S:** Antithrombotic agents are indicated in the therapy of acute myocardial infarction.
Cardiovasc Clin 8(1):131-8, 1977
ACUTE DISEASE/ CORONARY DISEASE, prevention & control/ COUMARINS, adverse effects/ *COUMARINS, therapeutic use/ HEMORRHAGE, chemically induced/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ PULMONARY EMBOLISM, prevention & control/ THROMBOEMBOLISM, mortality/ THROMBOEMBOLISM, prevention & control/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9903. **West CD:** Anticoagulant and immunosuppressive drugs in the treatment of severe glomerulonephritis with coagulopathy [editorial]. J Pediatr 90(6):1051-2, Jun 77
*ANTICOAGULANTS, therapeutic use/ AZATHIOPRINE, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/

FIBRINOGEN, metabolism/ GLOMERULONEPHRITIS, complications/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, etiology/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MOLECULAR WEIGHT/ STREPTOCOCCAL INFECTIONS

9904. **West DW, Towers GE:** A study of the enzymic dephosphorylation of beta-casein and a derived phosphopeptide. Biochim Biophys Acta 453(2):383-90, 22 Dec 76
*ALKALINE PHOSPHATASE/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL/ *CASEIN/ CATTLE/ ELECTROPHORESIS, CELLULOSE ACETATE/ ESCHERICHIA COLI, enzymology/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOMONOESTERASES/ PHOSPHOMONOESTERASES, metabolism/ PHOSPHOPEPTIDES, analysis/ *PHOSPHOPROTEINS/ SPLEEN, enzymology/ TRYPSIN

9905. **Westaby D, Ogle SJ, Paradinas FJ, et al:** Liver damage from long-term methyltestosterone. Lancet 2(8032):262-3, 6 Aug 77
*ADENOMA, chemically induced/ ADENOMA, diagnosis/ ADULT/ *CHOLESTASIS, chemically induced/ CHOLESTASIS, diagnosis/ FEMALE/ HUMAN/ LIVER FUNCTION TESTS/ *LIVER NEOPLASMS, chemically induced/ LIVER NEOPLASMS, diagnosis/ LIVER, blood supply/ *LIVER, drug effects/ LIVER, pathology/ MALE/ *METHYLTESTOSTERONE, adverse effects/ METHYLTESTOSTERONE, therapeutic use/ *PURPURA, chemically induced/ PURPURA, diagnosis/ STERILITY, MALE, drug therapy/ TRANSSEXUALISM, drug therapy

9906. **Westler B, Neal JL:** Assay of proteolytic activity by gelatin liquefaction (trypsin assay by gelatin liquefaction). Clin Chim Acta 78(1):151-7, 1 Jul 77
BODY FLUIDS, enzymology/ CHYMOTRYPSIN, metabolism/ DUODENUM, enzymology/ FECES, enzymology/ *GELATIN, metabolism/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ METHODS/ TIME FACTORS/ *TRYPSIN, metabolism

9907. **Weston MJ, Rubin MH, Langley PG, et al:** Effects of sulphinpyrazone and dipyridamole on capillary bleeding time in man. Thromb Res 10(6):833-40, Jun 77
BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS/ *DIPYRIDAMOLE, pharmacodynamics/ DOUBLE-BLIND METHOD/ HUMAN/ PLATELET AGGREGATION, drug effects/ *SULFINPYRAZONE, pharmacodynamics

9908. **Weston WL:** Disorders of phagocyte function. Arch Dermatol 112(11):1589-96, Nov 76
ACRODERMATITIS, immunology/ ALDRICH SYNDROME, immunology/ CELL MOVEMENT/ CHEDIAK-HIGASHI SYNDROME, pathology/ CHEMOTAXIS/ HUMAN/ HYPERGAMMAGLOBULINEMIA/ IGE/ IMMUNITY, CELLULAR/ INFLAMMATION, pathology/ MELANOMA, immunology/ *PHAGOCYTE BACTERICIDAL DYSFUNCTION/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, familial & genetic/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, immunology/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, pathology/ PHAGOCYTES, immunology/ *PHAGOCYTES, pathology/ PHAGOCYTOSIS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9909. **Whaley K, Sloane DJ:** Studies of the action of some anti-inflammatory drugs on complement mediated immune haemolysis. Br J Clin Pharmacol 2(2):123-9, Apr 75
ANIMAL/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTIGEN-ANTIBODY REACTIONS, drug effects/ CLOXACILLIN, pharmacodynamics/ *COMPLEMENT/ DIALYSIS/ *HEMOLYSIS, drug effects/ HUMAN/ ISONIAZID, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ SODIUM SALICYLATE, pharmacodynamics/ WARFARIN, pharmacodynamics

9910. **Whang-Peng J, Knutsen T, Ziegler J, et al:** Cytogenetic studies in acute lymphocytic leukemia: special emphasis in long-term survival. Med Pediatr Oncol 2(3):333-51, 1976
ADOLESCENCE/ ADULT/ ANEUPLOIDY/ AZURE STAINS/ CHILD/ CHILD, PRESCHOOL/ CHROMOSOME ABERRATIONS/ CHROMOSOMES, HUMAN, 21-22/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ KARYOTYPING/ *LEUKEMIA, LYMPHOCYTIC, familial & genetic/ LEUKEMIA, LYMPHOCYTIC, mortality/ LEUKEMIA, MYELOCYTIC, familial & genetic/ LEUKOCYTE COUNT/ MALE/ MARYLAND/ MIDDLE AGE/ PROGNOSIS/ REMISSION/ TRYPSIN

9911. **Whayne TF Jr, Morelli JF:** Assays for lipoprotein lipase: comparison of radiolabeled vs titration method and of triolein vs intralipid substrate. Biochem Med 17(3):248-57, Jun 77
CARBON RADIOISOTOPES/ COMPARATIVE STUDY/ HUMAN/ *LIPOPROTEIN LIPASE, blood/ TRIGLYCERIDES, metabolism/ TRIOLEIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9912. **Wheat TE, Goldberg E, Margoliash E:** Primary structure of the essential thiol peptide from the lactate dehydrogenase C subunit. Biochem Biophys Res Commun 74(3):1066-70, 7 Feb 77
AMINO ACID SEQUENCE/ ANIMAL/ *LACTATE DEHYDROGENASE ISOENZYMES/ MALE/ MICE/ PEPTIDE FRAGMENTS, analysis/ SPECIES SPECIFICITY/ TESTIS, enzymology/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9913. **Wheeler HB, Patwardhan NA:** Evaluation of venous thrombosis by impedance plethysmography. pp. 33-50.

In: Madden JL, Hume M, ed. Venous thromboembolism. New York, Appleton-Century-Crofts, 1976. WG 610 V465 1976. (48 ref.)
FALSE POSITIVE REACTIONS/ HUMAN/ LEG, blood supply/ MONOGRAPH/ PHLEBOGRAPHY/ *PLETHYSMOGRAPHY, IMPEDANCE/ PLETHYSMOGRAPHY, IMPEDANCE, methods/ REVIEW/ *THROMBOPHLEBITIS, diagnosis/ VASOMOTOR SYSTEM, physiopathology

9914. **Wheeler MH:** Dissolution of retained choledochal calculi. Ann R Coll Surg Engl 59(2):153-7, Mar 77
AGED/ *CHOLIC ACIDS, therapeutic use/ *COMMON BILE DUCT CALCULI, drug therapy/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ SOLVENTS

9915. **Whisnant JP:** Indications for medical and surgical therapy for ischemic stroke. Adv Neurol 16:133-44, 1977 (26 ref.)
AGE FACTORS/ AGED/ *ANTICOAGULANTS, therapeutic use/ CAROTID ARTERIES/ *CEREBRAL EMBOLISM AND THROMBOSIS, therapy/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, surgery/ *CEREBRAL ISCHEMIA, TRANSIENT, therapy/ HUMAN/ MIDDLE AGE/ PROGNOSIS/ REVIEW/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VERTEBRAL ARTERY

9916. **Whitaker KB, Byfield PG, Moss DW:** An active site peptide from human placental alkaline phosphatase. Clin Chim Acta 71(2):285-91, 6 Sep 76
*ALKALINE PHOSPHATASE, metabolism/ AMINO ACIDS, analysis/ BINDING SITES/ FEMALE/ HUMAN/ MOLECULAR WEIGHT/ *PEPTIDE FRAGMENTS, isolation & purification/ PHOSPHATES, metabolism/ *PLACENTA, enzymology/ PREGNANCY/ TRYPSIN

9917. **White EH, Jelinski LW, Perks HM, et al:** Preferential inhibition of alpha-chymotrypsin by the D form of an amino acid derivative, N'-isobutyryl-N-benzyl-N-nitrosophenylalaninamide (ia)

[letter]. J Am Chem Soc 99(9):3171–3, 27 Apr 77
CHEMISTRY/ *CHYMOTRYPSIN, antagonists & inhibitors/ *NITROSAMINES/ *PHENYLALANINE, analogs & derivatives/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9918. **White GC 2d, Roberts HR, Kingdon HS, et al:** Prothrombin complex concentrates: potentially thrombogenic materials and clues to the mechanism of thrombosis in vivo. Blood 49(2):159–70, Feb 77
ANTITHROMBINS, pharmacodynamics/ BLOOD COAGULATION TESTS/ CALCIUM, pharmacodynamics/ CATIONS, DIVALENT/ DEAE-CELLULOSE, pharmacodynamics/ FACTOR IX, antagonists & inhibitors/ FACTOR X, antagonists & inhibitors/ HEPARIN, pharmacodynamics/ HUMAN/ *PROTHROMBIN, analysis/ STRONTIUM, pharmacodynamics/ *THROMBOSIS, blood/ THROMBOSIS, physiopathology/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9919. **White HL, McLeod MN, Davidson JR:** Platelet monoamine oxidase activity in schizophrenia. Am J Psychiatry 133(10):1191–3, Oct 76
ADULT/ *BLOOD PLATELETS, enzymology/ CHRONIC DISEASE/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MONOAMINE OXIDASE, analysis/ *MONOAMINE OXIDASE, blood/ *SCHIZOPHRENIA, enzymology

9920. **White HL, Glassman AT:** Biochemical properties of the prostaglandin/thromboxane synthetase of human blood platelets and comparison with the synthetase of bovine seminal vesicles. Prostaglandins 12(5):811–28, Nov 76
ALBUMINS, pharmacodynamics/ ANIMAL/ ARACHIDONIC ACIDS, metabolism/ ARACHIDONIC ACIDS, pharmacodynamics/ *BLOOD PLATELETS, enzymology/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROXY ACIDS, blood/ *HYDROXY ACIDS, metabolism/ *HYDROXYLASES, metabolism/ LEUKOCYTES, enzymology/ LINOLENIC ACIDS, pharmacodynamics/ MALE/ PROSTAGLANDIN SYNTHASE, blood/ *PROSTAGLANDIN SYNTHASE, metabolism/ PYRANS, blood/ *PYRANS, metabolism/ *SEMINAL VESICLES, enzymology

9921. **White JC, Adam BA, Lau KS, et al:** Cryoimmunoglobulin IgGk with microtubular ultrastructure associated with pyoderma gangrenosum. J Pathol 120(1):25–33, Sep 76
BLOOD VESSELS, ultrastructure/ BLOOD VISCOSITY/ CASE REPORT/ *CRYOGLOBULINS/ HUMAN/ *IGG/ IGG, analysis/ MALE/ MIDDLE AGE/ MYELOMA PROTEINS/ OPTICS/ *PYODERMA, immunology/ *SKIN ULCER, immunology/ SKIN ULCER, pathology/ SKIN, ultrastructure

9922. **White JG, Rao GH, Gerrard JM:** Effects of nitroblue tetrazolium and vitamin E on platelet ultrastructure, aggregation, and secretion. Am J Pathol 88(2):387–402, Aug 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ COLLAGEN, pharmacodynamics/ ELECTRON TRANSPORT/ EPINEPHRINE, pharmacodynamics/ HUMAN/ *NITROBLUE TETRAZOLIUM, pharmacodynamics/ OXIDATION-REDUCTION/ PLATELET ADHESIVENESS, drug effects/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS, biosynthesis/ *TETRAZOLIUM SALTS, pharmacodynamics/ THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VITAMIN E, pharmacodynamics

9923. **White JJ:** Membrane lung extracorporeal bypass prolonged respiratory support in infants. pp. 465–79.
In: Zapol WM, Qvist J, ed. Artificial lungs for acute respiratory failure. New York, Academic Press, 1976. WF 668 I61a 1975.
ARVIN, therapeutic use/ CATHETERIZATION, methods/ EXTRACORPOREAL CIRCULATION/ FEMALE/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ HYALINE MEMBRANE DISEASE, therapy/ INFANT/ INFANT, NEWBORN/ MONOGRAPH/ *OXYGENATORS, MEMBRANE/ PERFUSION, methods/ PREGNANCY/ *RESPIRATORY DISTRESS SYNDROME, therapy/ *RESPIRATORY INSUFFICIENCY, therapy/ THROMBOSIS, prevention & control

9924. **White JJ, Bell W, Matthews P, et al:** Arvin Antikoagulans in prolongierter extrakorporaler Perfusion Anaesthesist 25(11):526–8, Nov 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ ANTICOAGULANTS/ BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION, methods/ METHODS/ *OXYGENATORS, MEMBRANE/ SHEEP/ *SNAKES/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VENOMS, pharmacodynamics

9925. **White N, Jeffcoate SL, Griffiths EC, et al:** Effect of thyroid status on the thyrotrophin-releasing hormone-degrading activity of rat serum. J Endocrinol 71(1):13–9, OCT 76
ANIMAL/ COLD/ COMPARATIVE STUDY/ ENZYME ACTIVATION/ FEMALE/ HYPERTHYROIDISM, enzymology/ HYPOTHALAMUS, physiology/ HYPOTHYROIDISM, chemically induced/ HYPOTHYROIDISM, enzymology/ MALE/ *PEPTIDE HYDROLASES, blood/ PITUITARY GLAND, ANTERIOR, physiology/ RATS/ THIOURACIL/ *THYROID GLAND, physiology/ THYROID HORMONES, physiology/ THYROTROPIN RELEASING HORMONE, blood/ *THYROTROPIN RELEASING HORMONE, metabolism

9926. **White TJ, Mross GA, Osserman EF, et al:** Primary structure of rat lysozyme. Biochemistry 16(7):1430–6, 5 Apr 77
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHYMOTRYPSIN/ EVOLUTION/ *MURAMIDASE/ MURAMIDASE, urine/ PEPTIDE FRAGMENTS, analysis/ RATS/ SPECIES SPECIFICITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9927. **Whitehead MI, McCarthy TG:** A comparative trial of subcutaneous sodium and calcium heparin as assessed by local haematoma formation and pain. pp. 361–6.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
ADULT/ CALCIUM/ COMPARATIVE STUDY/ FEMALE/ *HEMATOMA, chemically induced/ HEMATOMA, pathology/ HEPARIN, administration & dosage/ *HEPARIN, adverse effects/ HUMAN/ HYSTERECTOMY/ INJECTIONS, SUBCUTANEOUS/ MIDDLE AGE/ MONOGRAPH/ PAIN, etiology/ SODIUM

9928. **Whitehouse FW:** Two minutes with diabetes. Med Times 105(2):83–4, Feb 77
CASE REPORT/ *DIABETIC NEUROPATHIES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ ILIAC ARTERY/ MALE/ MIDDLE AGE/ PAIN/ *SPONDYLOLISTHESIS, diagnosis/ *SPONDYLOLYSIS, diagnosis/ *THROMBOSIS, diagnosis

9929. **Whitlock JP Jr, Rushizky GW, Simpson RT:** DNase-sensitive sites in nucleosomes. Their relative suspectibilities depend on nuclease used. J Biol Chem 252(9):3003–6, 10 May 77
ASPERGILLUS, enzymology/ CHEMISTRY/ *CHROMATIN, metabolism/ *DEOXYRIBONUCLEASE, metabolism/ DNA, metabolism/ *ENDONUCLEASES, metabolism/ HELA CELLS/ NUCLEIC ACID CONFORMATION/ PEPTIDE HYDROLASES, metabolism/ STAPHYLOCOCCUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

9930. **Whitlock JP Jr, Simpson RT:** Localization of the sites along nucleosome DNA which interact with NH2-terminal histone regions. J Biol Chem 252(18):6516–20, 25 Sep 77
BINDING SITES/ *CHROMATIN, metabolism/

DEOXYRIBONUCLEASE, metabolism/ *DNA, NEOPLASM, metabolism/ HELA CELLS/ *HISTONES, metabolism/ TRYPSIN

9931. **Whitlock RR, Mcfarland KF, Carr AA:** Transient ischemic attacks: is medical therapy efficacous?. J Med Assoc Ga 66(5):277–80, May 77
ANTICOAGULANTS, therapeutic use/ CEREBRAL ISCHEMIA, TRANSIENT, mortality/ *CEREBRAL ISCHEMIA, TRANSIENT, therapy/ HUMAN/ RECURRENCE

9932. **Whitman DE, Switzer ME, McKee PA:** The recovery of factor VIII from fresh-frozen indated and outdated human plasma. Thromb Haemostas 36(1):71–7, 31 Aug 76
*BLOOD PRESERVATION, methods/ ERYTHROCYTES/ *FACTOR VIII, analysis/ FREEZING/ HUMAN

9933. **Whitmore WF Jr:** Retropubic implantation of I125 in the treatment of prostatic cancer. Prog Clin Biol Res 6:223–33, 1976
BLADDER NECK OBSTRUCTION, etiology/ HUMAN/ *IODINE RADIOISOTOPES, therapeutic use/ LYMPH NODES, pathology/ LYMPHATIC METASTASIS/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS, etiology/ PROSTATE, pathology/ PROSTATIC NEOPLASMS, pathology/ *PROSTATIC NEOPLASMS, radiotherapy/ PROSTATIC NEOPLASMS, surgery/ PULMONARY EMBOLISM, etiology/ SURGICAL WOUND INFECTION, etiology/ THROMBOSIS, etiology

9934. **Whitney DG, Kahn EM, Estes JW:** Valvular occlusion of the arterialized saphenous vein. Am Surg 42(12):879–87, Dec 76
*ARTERIAL OCCLUSIVE DISEASES, surgery/ HUMAN/ LEG, blood supply/ *POSTOPERATIVE COMPLICATIONS/ SAPHENOUS VEIN, pathology/ *SAPHENOUS VEIN, transplantation/ *THROMBOSIS, etiology/ THROMBOSIS, pathology/ TRANSPLANTATION, AUTOLOGOUS

9935. **Whur P, Koppel H, Urquhart C, et al:** Quantitative electronic analysis of normal and transformed BHK21 fibroblast aggregation. J Cell Sci 23:193–209, Feb 77
CELL ADHESION/ *CELL AGGREGATION/ CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ EDTA, pharmacodynamics/ FIBROBLASTS/ KINETICS/ TRYPSIN, pharmacodynamics

9936. **Whur P, Koppel H, Urquhart CM, et al:** Substrate retention of fractured retraction fibres during detachment of trypsinized BHK21 fibroblasts. J Cell Sci 24:265–73, Apr 77
ANIMAL/ CELL ADHESION, drug effects/ CELL LINE/ *FIBROBLASTS, drug effects/ GLASS/ HAMSTERS/ KIDNEY/ MICROSCOPY, ELECTRON, SCANNING/ TIME FACTORS/ *TRYPSIN, pharmacodynamics

9937. **Wiberg A, Gottfries CG, Oreland L:** Low platelet monoamine oxidase activity in human alcoholics. Med Biol 55(3):181–6, Jun 77
*ALCOHOLISM, enzymology/ *BLOOD PLATELETS, enzymology/ DRUG WITHDRAWAL SYMPTOMS/ FEMALE/ HUMAN/ MALE/ *MONOAMINE OXIDASE, blood/ SUICIDE

9938. **Wichmann A, Borg H:** Purification of human immunoglobulin M by affinity chromatography on protamine-Sepharose. Biochim Biophys Acta 490(2):363–9, 22 Feb 77
CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ HUMAN/ *IGM/ IGM, isolation & purification/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, FAB, isolation & purification/ IMMUNOGLOBULINS, FC, isolation & purification/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PROTAMINES/ SEPHAROSE

9939. **Wickner WT:** Role of hydrophobic forces in membrane protein asymmetry. Biochemistry 16(2):254–8, 25 Jan 77
CHEMISTRY, PHYSICAL/ CHYMOTRYPSIN, metabolism/ LIPOSOMES/ MEMBRANE LIPIDS/ *MEMBRANE PROTEINS/ *MEMBRANES, ultrastructure/ MICROSCOPY, ELECTRON/ TEMPERATURE/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H./ *VIRAL PROTEINS

9940. **Wicks JD, Bigongiari LR, Foley WD, et al:** Parenchymal striations in renal vein thrombosis: arteriographic demonstration. AJR 129(1):95–8, Jul 77
ADOLESCENCE/ ANGIOGRAPHY/ CASE REPORT/ HUMAN/ KIDNEY CORTEX, pathology/ *KIDNEY CORTEX, radiography/ MALE/ RENAL VEINS, pathology/ *RENAL VEINS, radiography/ THROMBOSIS, pathology/ *THROMBOSIS, radiography

9941. **Widestadh BM, Bergentz SE, Boüsen E:** Catheter angiography and venous thrombosis
Acta Radiol [Diagn] (Stockh) 17(6):773–6, Nov 76
ADULT/ AGED/ *ANGIOGRAPHY, adverse effects/ *CATHETERIZATION, adverse effects/ FEMALE/ *FEMORAL ARTERY, radiography/ HUMAN/ MIDDLE AGE/ *THROMBOPHLEBITIS, etiology

9942. **Widimsky J, Riedel M, Stanek V:** Central haemodynamics during exercise in patients with restrictive pulmonary disease. Bull Eur Physiopathol Respir 13(3):369–79, May-Jun 77
*EXERTION/ HEART VENTRICLE, physiopathology/ *HEMODYNAMICS/ HUMAN/ *HYPERTENSION, PULMONARY, physiopathology/ *LUNG DISEASES, physiopathology/ PNEUMONECTOMY, adverse effects/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, physiopathology/ PULMONARY FIBROSIS, physiopathology/ *PULMONARY HEART DISEASE, physiopathology

9943. **Widmer HU:** Die ökonomischen Probleme der Langzeittherapien. Ther Umsch 34(8):591–3, Aug 77 (Eng. Abstr.) (Ger)
BLOOD COAGULATION DISORDERS, therapy/ DIABETES MELLITUS, therapy/ *ECONOMICS, MEDICAL/ ENGLISH ABSTRACT/ HEART DISEASES, therapy/ HUMAN/ HYPERTENSION, therapy/ LONG TERM CARE/ NEOPLASMS, therapy/ *PHYSICIAN-PATIENT RELATIONS

9944. **Widmer LK:** The treatment of venous thrombosis: angiological aspects. Triangle 16(1):47–61, 1977 (127 ref.)
ANTICOAGULANTS, therapeutic use/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ PULMONARY EMBOLISM, prevention & control/ REVIEW/ STREPTOKINASE, adverse effects/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, surgery/ *THROMBOPHLEBITIS, therapy/ VEINS, surgery

9945. **Więckiewicz J:** Zmiany właściwości biochemicznych oraz wrażliwości na antybiotyki beta-laktamowe i lizozym u szczepów Staphylococcus aureus po rewersji ze stanu L-fazy Med Dosw Mikrobiol 28(4):341–6, 1976 (Eng. Abstr.) (Pol)
COAGULASE, biosynthesis/ DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ *L FORMS, drug effects/ *MURAMIDASE, pharmacodynamics/ PENICILLINASE, biosynthesis/ *PENICILLINS, pharmacodynamics/ PHOSPHATASES, biosynthesis/ *STAPHYLOCOCCUS AUREUS, drug effects/ STAPHYLOCOCCUS AUREUS, enzymology

9946. **Wiegman H, Vossepoel AM:** A computer program for long term anticoagulation control.
Comput Programs Biomed 7(2):71–84, Jun 77
*ANTICOAGULANTS, administration & dosage/ *COMPUTERS, DIGITAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *HOSPITAL MEDICATION SYSTEMS/ HUMAN/ *INFORMATION SERVICES/ LONG TERM CARE/ MATHEMATICS/ MODELS, BIOLOGICAL/ ON LINE SYSTEMS/ *THROMBOSIS, drug therapy

9947. **Wielosz M, de Gaetano G, Garattini S:** Improved method

for evaluating the inhibition of [14C]5-Hydroxytryptamine uptake by rat platelets. J Pharm Pharmacol 28(9):717–8, Sep 76
ANIMAL/ *BLOOD PLATELETS, metabolism/ BRAIN, ultrastructure/ DEPRESSION, CHEMICAL/ IN VITRO/ METHODS/ RATS/ *SEROTONIN, metabolism/ SYNAPTOSOMES, metabolism

9948. **Wielosz M, Salmona M, de Gaetano G, et al:** Uptake of 14C-5-hydroxytryptamine by human and rat platelets and its pharmacological inhibition. A comparative kinetic analysis. Naunyn Schmiedebergs Arch Pharmacol 296(1):59–65, 29 Dec 76
ADULT/ ANIMAL/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CHLORIMIPRAMINE, pharmacodynamics/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ FENFLURAMINE, pharmacodynamics/ HUMAN/ IMIPRAMINE, pharmacodynamics/ IN VITRO/ KINETICS/ MALE/ RATS/ *SEROTONIN, blood/ SPECIES SPECIFICITY

9949. **Wielosz M, Roncaglioni MC, de Gaetano G, et al:** Interference by fenfluramine with the storage of 14C-5-hydroxytryptamine in rat platelets. Arch Int Pharmacodyn Ther 225(2):232–9, Feb 77
ANIMAL/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CHLORIMIPRAMINE, pharmacodynamics/ DRUG INTERACTIONS/ *FENFLURAMINE, pharmacodynamics/ IN VITRO/ LACTATE DEHYDROGENASE, blood/ RATS/ RESERPINE, pharmacodynamics/ *SEROTONIN, blood/ TEMPERATURE

9950. **Wiernik PH:** Advances in the management of acute nonlymphocytic leukemia. Arch Intern Med 136(12):1399–403, Dec 76
ACUTE DISEASE/ ANTIBIOTICS, therapeutic use/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ CYTARABINE, administration & dosage/ CYTARABINE, therapeutic use/ DAUNOMYCIN, administration & dosage/ DAUNOMYCIN, therapeutic use/ DRUG THERAPY, COMBINATION/ GRANULOCYTES, transplantation/ HEMORRHAGE, etiology/ HEMORRHAGE, therapy/ HUMAN/ IMMUNOTHERAPY/ INFECTION, etiology/ INFECTION, prevention & control/ INFECTION, therapy/ KIDNEY DISEASES, prevention & control/ LEUKEMIA, complications/ *LEUKEMIA, therapy/ TRANSPLANTATION, ALLOGENEIC

9951. **Wiernik PH:** The therapy of acute leukemia in the adult: a progress report. Haematol Bluttransfus 19:271–84, 1976
ACUTE DISEASE/ ADULT/ *ANTINEOPLASTIC AGENTS, therapeutic use/ AZACYTIDINE, therapeutic use/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ CYTARABINE, therapeutic use/ DAUNOMYCIN, therapeutic use/ DEXAMETHASONE, therapeutic use/ GRANULOCYTES, transplantation/ HUMAN/ *LEUKEMIA, drug therapy/ LEUKEMIA, complications/ LEUKEMIA, mortality/ LEUKEMIA, therapy/ *LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *LEUKEMIA, MYELOCYTIC, drug therapy/ NEOCARZINOSTATIN, therapeutic use/ PATIENT ISOLATION/ PNEUMONIA, etiology/ PREDNISONE, therapeutic use/ PYRIMETHAMINE, therapeutic use/ REMISSION/ THIOGUANINE, therapeutic use/ VINCRISTINE, therapeutic use/ VP 16-213, therapeutic use

9952. **Wierzbicki R, Massalski WK:** Embolies pulmonaires au cours de la pyomyosite tropicale. Proposition d'un traitement préventif Nouv Presse Med 6(4):279–80, 29 Jan 77 **(Fre)**
ADULT/ *ASPIRIN, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ *MYOSITIS, complications/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, prevention & control/ ZAIRE

9953. **Wieshahn GP, Hyde JE, Hearst JE:** The photoaddition of trimethylpsoralen to Drosophila melanogaster nuclei: a probe for chromatin substructure. Biochemistry 16(5):925–32, 8 Mar 77
ANIMAL/ BINDING SITES/ *CELL NUCLEUS, metabolism/ CELLS, CULTURED/ *CHROMATIN, metabolism/ CHROMATIN, ultrastructure/ *COUMARINS, metabolism/ DROSOPHILA MELANOGASTER/ DNA, metabolism/ KINETICS/ MACROMOLECULAR SYSTEMS/ MICROCOCCAL NUCLEASE/ MICROSCOPY, ELECTRON/ NUCLEIC ACID CONFORMATION/ PHOTOCHEMISTRY/ *TRIOXSALEN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9954. **Wigand R, Gelderblom H, Ozel M:** Biological and biophysical characteristics of mouse adenovirus, strain FL. Arch Virol 54(1–2):131–42, 1977
*ADENOVIRUSES/ ADENOVIRUSES, growth & development/ ADENOVIRUSES, immunology/ ADENOVIRUSES, ultrastructure/ ANTIGENS, VIRAL, analysis/ CAPSID/ CELL LINE/ CROSS REACTIONS/ CYTARABINE, pharmacodynamics/ HEAT/ HYDROXYUREA, pharmacodynamics/ IDOXURIDINE, pharmacodynamics/ KIDNEY/ MICE/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics/ VIRUS REPLICATION, drug effects

9955. **Wigley CB, Carbonell AW:** The target cell in the chemical induction of carcinomas in mouse submandibular gland. Eur J Cancer 12(9):737–41, Sep 76
ANIMAL/ CARCINOMA, EPIDERMOID, chemically induced/ CARCINOMA, EPIDERMOID, ultrastructure/ FIBROSARCOMA, chemically induced/ FIBROSARCOMA, ultrastructure/ HYDROXYSTEROID DEHYDROGENASES, analysis/ MALE/ MICE/ MICE, INBRED C57BL/ MUCIN, analysis/ NEOPLASMS, EXPERIMENTAL, chemically induced/ PEPTIDE HYDROLASES, analysis/ SALIVARY GLAND NEOPLASMS, analysis/ *SALIVARY GLAND NEOPLASMS, chemically induced/ SALIVARY GLAND NEOPLASMS, ultrastructure/ *SUBMANDIBULAR GLAND, drug effects/ SUBMANDIBULAR GLAND, ultrastructure/ 9,10-DIMETHYL-1,2-BENZANTHRACENE

9956. **Wiig JN:** The effect of anti-lymphocyte serum, mitogens and enzymatic treatment on the agglutination and surface charge of lymphoid cells. Acta Pathol Microbiol Scand [C] 84(3):177–84, Jun 76
AGGLUTINATION, drug effects/ ANIMAL/ *ANTILYMPHOCYTE SERUM, pharmacodynamics/ *B-LYMPHOCYTES, immunology/ BINDING SITES, ANTIBODY, drug effects/ CELL MEMBRANE, drug effects/ CONCANAVALIN A, pharmacodynamics/ FLUORESCENT ANTIBODY TECHNIC/ IGG, metabolism/ IMMUNOELECTROPHORESIS/ MALE/ MERCAPTOETHANOL, pharmacodynamics/ MICE/ MICE, INBRED STRAINS/ *MITOGENS, pharmacodynamics/ *NEURAMINIDASE, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ *T-LYMPHOCYTES, immunology/ TEMPERATURE/ *TRYPSIN, pharmacodynamics

9957. **Wijngaards G, Hemker HC:** Determination of tissue thromboplastin activity. Haemostasis 6(2):89–97, 1977
BLOOD COAGULATION TESTS/ BRAIN/ CATTLE/ HUMAN/ PHOSPHOLIPIDS, metabolism/ SWINE/ *THROMBOPLASTIN, analysis/ *TISSUE EXTRACTS, analysis

9958. **Wijngaards G, Immerzeel J:** Divalent cations and complex formation between tissue thromboplastin and factor VII. Biochem Biophys Res Commun 77(2):658–64, 25 Jul 77
ANIMAL/ BRAIN/ CALCIUM/ CATIONS, DIVALENT/ *FACTOR VII, metabolism/ HUMAN/ KINETICS/ LUNG/ MACROMOLECULAR SYSTEMS/ MANGANESE, pharmacodynamics/ PROTEIN BINDING/ SWINE/ *THROMBOPLASTIN, metabolism/ ZINC, pharmacodynamics

9959. **Wijngaards G, van Deenen LL, Hemker HC:** Reconstitution and lipid requirements of porcine tissue thromboplastin. Biochim Biophys Acta 488(1):161–71, 20 Jul 77
ANIMAL/ FATTY ACIDS, UNSATURATED/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LUNG/ *PHOSPHOLIPIDS/ PHOSPHOLIPIDS, pharmacodynamics/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ TAUROCHOLIC ACID/ *THROMBOPLASTIN/ THROMBOPLASTIN, metabolism

9960. **Wilchek M, Miron T:** On the mode of adsorption of proteins to 'hydrophobic columns'. Biochem Biophys Res Commun 72(1):108–13, 7 Sep 76
BINDING SITES/ CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN, isolation & purification/ *LACTALBUMIN/ LACTALBUMIN, isolation & purification/ *OVALBUMIN/ OVALBUMIN, isolation & purification/ PROTEIN BINDING/ *SERUM ALBUMIN, BOVINE/ SERUM ALBUMIN, BOVINE, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9961. **Wilde J, Vollmar F, Sedlařik K:** Die Koronarthrombose im Blickwinkel der experimentellen Forschung Z Aerztl Fortbild (Jena) 70(17):919–24, 1 Sep 76 **(Ger)**
*CORONARY DISEASE/ CORONARY DISEASE, drug therapy/ CORONARY DISEASE, surgery/ HUMAN/ METHODS/ *RESEARCH/ STREPTOKINASE, therapeutic use

9962. **Wilde J:** Postoperative Komplikationen nach Lungenresektionen wegen Karzinom. Z Erkr Atmungsorgane 147(3):246–57, Mar 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ *BRONCHIAL NEOPLASMS, surgery/ CHILD/ EMPYEMA, occurrence/ ENGLISH ABSTRACT/ GERMANY, EAST/ HEMORRHAGE, GASTROINTESTINAL, occurrence/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, mortality/ *POSTOPERATIVE COMPLICATIONS, occurrence/ PULMONARY EMBOLISM/ RESPIRATORY INSUFFICIENCY, occurrence/ RETROSPECTIVE STUDIES/ WOUND HEALING

9963. **Wildenthal K, Griffin EE:** Reduction by cycloheximide of lysosomal proteolytic enzyme activity and rate of protein degradation in organ-cultured hearts. Biochim Biophys Acta 444(2):519–24, 24 Sep 76
ACETYLGLUCOSAMINIDASE, metabolism/ ACID PHOSPHATASE, metabolism/ ANIMAL/ CATHEPSIN, metabolism/ CREATINE KINASE, metabolism/ *CYCLOHEXIMIDE, pharmacodynamics/ FEMALE/ FETAL HEART, metabolism/ *LYSOSOMES, enzymology/ MICE/ ORGAN CULTURE/ *PEPTIDE HYDROLASES, metabolism/ PHENYLALANINE, metabolism/ PREGNANCY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9964. **Wildevuur-van Hamersveld C, de Jong JC, Haile MR, et al:** Hematologic abnormalities in extracorporeal circuits (ECC). PP. 197–201.
In: Dawids SG, Engell HC, ed. Physiological and clinical aspects of oxygenator design. Amsterdam, Elsevier, 1976. WG 168 S471p 1975.
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS, physiology/ DOGS/ EOSINOPHILS, pathology/ EOSINOPHILS, physiology/ ERYTHROCYTES, pathology/ ERYTHROCYTES, physiology/ *EXTRACORPOREAL CIRCULATION, adverse effects/ GRANULOCYTES, pathology/ GRANULOCYTES, physiology/ *HEMATOLOGIC DISEASES, etiology/ LEUKOCYTE COUNT/ LYMPHOCYTES, pathology/ LYMPHOCYTES, physiology/ MONOCYTES, pathology/ MONOCYTES, physiology/ MONOGRAPH/ NEUTROPHILS, pathology/ NEUTROPHILS, physiology/ OXYGENATORS, MEMBRANE

9965. **Wilding G, Blumberg ES, Vesell ES:** Reduced warfarin binding of albumin variants. Science 195(4282):991–4, 11 Mar 77
GENOTYPE/ HUMAN/ IN VITRO/ INDIANS, NORTH AMERICAN/ KINETICS/ PROTEIN BINDING/ *SERUM ALBUMIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VARIATION (GENETICS)/ *WARFARIN, blood

9966. **Wilding G, Feldhoff RC, Vesell ES:** Concentration-dependent effects of fatty acids on warfarin binding to albumin. Biochem Pharmacol 26(12):1143–6, 15 Jun 77
BINDING SITES, drug effects/ CATTLE/ DIALYSIS/ *FATTY ACIDS, pharmacodynamics/ HUMAN/ KINETICS/ OLEIC ACIDS, pharmacodynamics/ PALMITIC ACIDS, pharmacodynamics/ PROTEIN BINDING, drug effects/ *SERUM ALBUMIN, metabolism/ SERUM ALBUMIN, BOVINE, metabolism/ *WARFARIN, blood

9967. **Wilhelm R, Eckert M:** Respiratorische und kardiovaskuläre Probleme der postoperativen Intensivtherapie beim alten Menschen. pp. 61–8.
In: Lüder M, ed. Symposium Anästhesie bei extremen Leistungsklassen. Berlin, Akademie-Verlag, 1975. WO 445 S992s 1973. **(Ger)**
AGED/ ASPIRIN/ ATELECTASIS, etiology/ BRADYCARDIA, drug therapy/ BREATHING EXERCISES/ *CRITICAL CARE/ DIGITOXIN, therapeutic use/ EARLY AMBULATION/ ELECTRIC STIMULATION/ EMPHYSEMA/ GERIATRIC NURSING/ HEART RATE/ HUMAN/ HYPOKALEMIA, drug therapy/ MONOGRAPH/ PACEMAKER, ARTIFICIAL/ PARTIAL PRESSURE/ *POSTOPERATIVE CARE, standards/ POTASSIUM MAGNESIUM ASPARTATE, therapeutic use/ PULMONARY EMBOLISM, prevention & control/ STROPHANTHINS, therapeutic use/ TACHYCARDIA, drug therapy

9968. **Wilhelmsson S, Lins LE:** Whole-blood thrombin time: a bedside method for determination of heparin activity. Clin Nephrol 6(6):523–5, Dec 76
*BLOOD COAGULATION TESTS, methods/ HEMODIALYSIS, methods/ *HEPARIN, blood/ HUMAN/ *THROMBIN, diagnostic use

9969. **Wilkes SH, Prescott JM:** Aeromonas neutral protease. Methods Enzymol 45:404–15, 1976
*AEROMONAS, enzymology/ AMINO ACIDS, analysis/ CALCIUM, analysis/ CULTURE MEDIA/ DRUG STABILITY/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ ZINC, analysis

9970. **Wilkinson DS:** Black heel a minor hazard of sport. Cutis 20(3):393–6, Sep 77
ADOLESCENCE/ ADULT/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FOOT DERMATOSES, diagnosis/ *FOOT DERMATOSES, etiology/ FOOT DERMATOSES, pathology/ *HEEL/ HUMAN/ MALE/ MELANOMA, diagnosis/ PIGMENTS/ *PURPURA, etiology/ PURPURA, pathology/ SKIN NEOPLASMS, diagnosis/ *SPORT MEDICINE

9971. **Wilkinson J, Hallinan T:** Trypsin-susceptibility of UDP-glucuronyltransferase. FEBS Lett 75(1):138–40, 15 Mar 77
ANIMAL/ GUINEA PIGS/ KINETICS/ MICROSOMES, LIVER, enzymology/ RATS/ *TRYPSIN/ TRYPSIN, pharmacodynamics/ UDP GLUCURONOSYLTRANSFERASE, isolation & purification/ *UDP GLUCURONOSYLTRANSFERASE, metabolism

9972. **Wilkinson SP, Davidson AR, Henderson J, et al:** Ascites reinfusion using Rhodiascit apparatus--clinical experience and coagulation abnormalities. Postgrad Med J 51(598):583–7, Aug 75
ADULT/ *ASCITES, therapy/ ASCITIC FLUID/ BLOOD COAGULATION DISORDERS/ HUMAN/ *INFUSIONS, PARENTERAL/ INFUSIONS, PARENTERAL, adverse effects/ MIDDLE AGE

9973. **Williams AR, O'Brien WD Jr:** Exposure to ultrasound decreases the recalcification time of platelet rich plasma. Ultrasound Med Biol 2(2):113–8, Feb 76
ACOUSTICS/ *BLOOD COAGULATION/ *BLOOD PLATELETS, metabolism/ *CALCIUM, metabolism/ HUMAN/ ULTRASONIC THERAPY/ *ULTRASONICS

9974. **Williams AR, Sykes SM, O'Brien WD Jr:** Ultrasonic exposure modifies platelet morphology and function in vitro. Ultrasound Med Biol 2(4):311–7, 1977
ADULT/ BLOOD COAGULATION/ *BLOOD PLATELETS, injuries/ HUMAN/ IN VITRO/ PLATELET AGGREGATION/ TIME FACTORS/ *ULTRASONICS, adverse effects

9975. **Williams CH, VanBergen WS, Prentice RL:** Extra-amniotic blood clot simulating placenta previa on ultrasound scan. JCU 5(1):45–7, Feb 77
ADULT/ CASE REPORT/ *DIAGNOSTIC ERRORS/ FEMALE/ HUMAN/ *PLACENTA DISORDERS, diagnosis/ *PLACENTA PRAEVIA, diagnosis/ PREGNANCY/ *THROMBOSIS, diagnosis/ *ULTRASONICS, diagnostic use/ UTERINE HEMORRHAGE, etiology

9976. **Williams CJ, Alexander M, Glatstein E, et al:** Treatment of oat cell carcinoma of the lung: Stanford experience 1972–1976. pp. 237–44.
In: Salmon SE, Jones SE, ed. Adjuvant therapy of cancer. Amsterdam, North-Holland Publ, 1977. QZ 267 I46a 1977.
ADULT/ AGED/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BRAIN NEOPLASMS, prevention & control/ *CARCINOMA, OAT CELL, therapy/ CLINICAL RESEARCH/ CYCLOPHOSPHAMIDE, adverse effects/ CYCLOPHOSPHAMIDE, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ LEUKOPENIA, chemically induced/ LOMUSTINE, adverse effects/ LOMUSTINE, therapeutic use/ *LUNG NEOPLASMS, therapy/ MALE/ MIDDLE AGE/ MONOGRAPH/ NEOPLASM METASTASIS/ PROCARBAZINE, adverse effects/ PROCARBAZINE, therapeutic use/ RADIOTHERAPY DOSAGE/ REMISSION/ THROMBOPENIA, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VINCRISTINE, adverse effects/ VINCRISTINE, therapeutic use

9977. **Williams DF:** Biomaterials and biocompatibility. Med Prog Technol 4(1–2):31–42, 20 Jul 76 (62 ref.)
ALLOYS/ *BIOCOMPATIBLE MATERIALS/ BIOCOMPATIBLE MATERIALS, adverse effects/ BIOCOMPATIBLE MATERIALS, classification/ BLOOD COAGULATION/ CERAMICS/ CORROSION/ EVALUATION STUDIES/ GRAFT REJECTION/ HIP JOINT/ HUMAN/ JOINT PROSTHESIS, adverse effects/ METALS/ POLYMERS/ PROSTHESIS DESIGN/ PROSTHESIS/ REVIEW

9978. **Williams IC:** Bleeding disorder in three male siblings. East Afr Med J 53(11):651–2, Nov 76
*BLOOD COAGULATION DISORDERS, familial & genetic/ CASE REPORT/ CHILD, PRESCHOOL/ HUMAN/ MALE/ TANZANIA

9979. **Williams JE, Dade AW, Benne R:** Posterior paralysis associated with anthelmintic treatment of sheep. J Am Vet Med Assoc 169(12):1307–9, 15 Dec 76
ANIMAL/ *ANTHELMINTICS, adverse effects/ ATAXIA, chemically induced/ ATAXIA, pathology/ ATAXIA, veterinary/ *COUMARINS, adverse effects/ FEMALE/ HINDLIMB/ MALE/ *ORGANOPHOSPHORUS COMPOUNDS, adverse effects/ PARALYSIS, chemically induced/ PARALYSIS, pathology/ *PARALYSIS, veterinary/ *SHEEP DISEASES, chemically induced/ SHEEP DISEASES, pathology/ SHEEP/ SPINAL CORD, pathology

9980. **Williams MF, Jacobs M, Moosa A:** Subaponeurotic haemorrhage of the newborn. S Afr Med J 52(5):176–8, 23 Jul 77
BLOOD TRANSFUSION/ CASE REPORT/ HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ *HEMORRHAGE, therapy/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, drug therapy/ INFANT, NEWBORN, DISEASES, etiology/ *INFANT, NEWBORN, DISEASES, therapy/ SCALP DERMATOSES, drug therapy/ SCALP DERMATOSES, etiology/ *SCALP DERMATOSES, therapy/ VACUUM EXTRACTION, OBSTETRICAL, adverse effects/ VITAMIN K, therapeutic use

9981. **Williams VJ, Roy JH, Gillies CM:** Milk-substitute diet composition and abomasal secretion in the calf. Br J Nutr 36(3):317–35, Nov 76
*ABOMASUM, metabolism/ AGING/ ANIMAL FEED/ ANIMAL/ ANIMALS, NEWBORN/ CATTLE/ COMPARATIVE STUDY/ *DIETARY PROTEINS, metabolism/ FISH PRODUCTS/ FOOD, ARTIFICIAL/ *GASTRIC JUICE, metabolism/ HYDROGEN-ION CONCENTRATION/ MALE/ MILK PROTEINS, metabolism/ PEPTIDE HYDROLASES, metabolism/ SOY BEANS

9982. **Willmen HR, Kogel H, Peters H:** Retroperitoneale Blutung bei Hämophilie A unter der Maske der akuten Appendizitis Med Welt 27(44):2125–7, 29 Oct 76 **(Ger)**
ADULT/ *APPENDICITIS, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *HEMOPHILIA, complications/ *HEMORRHAGE, diagnosis/ HEMORRHAGE, etiology/ HUMAN/ MALE/ RETROPERITONEAL SPACE

9983. **Willmitzer L, Bode J, Wagner KG:** Phosphorylated protamines. I. Binding stoichiometry and thermal stability of complexes in DNA. Nucleic Acids Res 4(1):149–62, Jan 77
CHEMISTRY/ CLUPEINE, analogs & derivatives/ *CLUPEINE, metabolism/ CLUPEINE, physiology/ DRUG STABILITY/ *DNA, metabolism/ HEAT/ PHOSPHATES/ *PROTAMINES, metabolism/ PROTEIN BINDING/ PROTEIN DENATURATION/ SPERMATOGENESIS/ STRUCTURE-ACTIVITY RELATIONSHIP/ THYMUS GLAND

9984. **Willmitzer L, Bode J, Wagner KG:** Phosphorylated protamines. II. Circular dichroism of complexes with DNA, dependency on ionic strength. Nucleic Acids Res 4(1):163–76, Jan 77
CIRCULAR DICHROISM/ *CLUPEINE/ CLUPEINE, analogs & derivatives/ CLUPEINE, metabolism/ *DNA/ DNA, metabolism/ FLUORESCEINS/ OSMOLAR CONCENTRATION/ PHOSPHOPROTEINS/ *PROTAMINES/ PROTAMINES, metabolism/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ THYMUS GLAND

9985. **Willumsen L, Thyme S:** Posttransfusionel purpura. En usaedvanlig og upåagtet transfusionskomplikation Ugeskr Laeger 139(22):1293–5, 30 May 77 (Eng. Abstr.) **(Dan)**
ANTIBODIES, analysis/ ANTIGEN-ANTIBODY COMPLEX/ BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION, adverse effects/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, etiology

9986. **Wilson CB, Yorke CH Jr, Levin VA:** Intracranial malignant growth, primary and metastatic. Curr Probl Cancer 1(8):1–46, Feb 77
ADOLESCENCE/ ADULT/ ANGIOGRAPHY/ ASTROCYTOMA, pathology/ *BRAIN NEOPLASMS/ BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, drug therapy/ BRAIN NEOPLASMS, occurrence/ BRAIN NEOPLASMS, pathology/ CHILD/ CHORDOMA, pathology/ CRANIOPHARYNGIOMA, pathology/ EPENDYMOMA, pathology/ GLIOBLASTOMA MULTIFORME, pathology/ GLIOMA, pathology/ GLUCOCORTICOIDS, therapeutic use/ HEMANGIOMA, pathology/ HUMAN/ MENINGIOMA, pathology/ *NEOPLASM METASTASIS/ NEUROMA, pathology

9987. **Wilson CM, Erdös EG, Dunn JF, et al:** Genetic control of renin activity in the submaxillary gland of the mouse. Proc Natl Acad Sci USA 74(3):1185–9, Mar 77
ANIMAL/ ESTERASES, metabolism/ FEMALE/ *GENES, REGULATOR/ HYBRIDIZATION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ MICE/ MICE, INBRED

STRAINS/ PEPTIDE HYDROLASES, metabolism/ *RENIN, metabolism/ SPECIES SPECIFICITY/ STANOLONE, pharmacodynamics/ *SUBMANDIBULAR GLAND, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

9988. **Wilson DE, Flowers CM, Carlile SI, et al:** Estrogen treatment and gonadal function in the regulation of lipoprotein lipase. Atherosclerosis 24(3):491–9, Sep 76
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, enzymology/ ANIMAL/ CASTRATION/ DIAPHRAGM, drug effects/ *DIAPHRAGM, enzymology/ ESTRADIOL, analogs & derivatives/ *ESTRADIOL, pharmacodynamics/ HEART, drug effects/ KINETICS/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ *MYOCARDIUM, enzymology/ ORGAN SPECIFICITY/ RATS/ *TESTOSTERONE, analogs & derivatives/ TESTOSTERONE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9989. **Wilson DE, Jubiz W, Flowers CM, et al:** Tissue lipoprotein lipase in the hyperthyroid rat. Effect of growth and aging. Atherosclerosis 26(3):353–62, Mar 77
*ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, growth & development/ AGING/ ANIMAL/ BODY WEIGHT/ DIAPHRAGM, enzymology/ DIAPHRAGM, growth & development/ FASTING/ FEMALE/ HEART, growth & development/ *HYPERTHYROIDISM, enzymology/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ *MUSCLE, SMOOTH, enzymology/ MUSCLE, SMOOTH, growth & development/ MYOCARDIUM, enzymology/ ORGAN SPECIFICITY/ PROPRANOLOL, pharmacodynamics/ RATS/ SEX FACTORS/ THYROXINE, blood/ TRIIODOTHYRONINE, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9990. **Wilson GB, Welch TM, Fudenberg HH:** Human transfer factor in guinea pigs: partial purification of the active component. pp. 409–24.
In: Ascher MS, et al., ed. Transfer factor: basic properties and clinical applications. New York, Academic Press, 1976. W3 IN9324N 1975t.
ANIMAL/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN/ DEOXYRIBONUCLEASE/ DRUG STABILITY/ ELECTROPHORESIS, PAPER/ GUANYLORIBONUCLEASE/ GUINEA PIGS/ HUMAN/ HYPERSENSITIVITY, DELAYED/ MOLECULAR WEIGHT/ MONOGRAPH/ RIBONUCLEASE/ SKIN TESTS/ TEMPERATURE/ *TRANSFER FACTOR/ TRANSFER FACTOR, isolation & purification/ TRANSFER FACTOR, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9991. **Wilson GB, Welch TM, Fudenberg HH:** Tx: a component in human dialyzable transfer factor that induces cutaneous delayed hypersensitivity in guinea pigs.
Clin Immunol Immunopathol 7(2):187–202, Mar 77
ANIMAL/ CHROMATOGRAPHY, GEL/ CHYMOTRYPSIN, pharmacodynamics/ DEOXYRIBONUCLEASE, pharmacodynamics/ ELECTROPHORESIS, PAPER/ GUINEA PIGS/ HEAT/ *HYPERSENSITIVITY, DELAYED/ MOLECULAR WEIGHT/ PRONASE, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ *TRANSFER FACTOR/ TRANSFER FACTOR, isolation & purification/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9992. **Wilson JE 3d, Bynum LJ:** An improved pulmonary angiographic technique using a balloon-tipped catheter.
Am Rev Respir Dis 114(6):1137–44, Dec 76
*ANGIOGRAPHY/ *CATHETERIZATION/ HUMAN/ METHODS/ *PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM, radiography/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

9993. **Wilson RF, Murray C, Antonenko DR:** Nonpenetrating thoracic injuries. Surg Clin North Am 57(1):17–36, Feb 77
ADOLESCENCE/ ADULT/ AGED/ AORTA, THORACIC, injuries/ CHILD/ CONTUSIONS, therapy/ DIAPHRAGM, injuries/ FRACTURES/ HEART INJURIES/ HEMATOMA, therapy/ HEMOPNEUMOTHORAX, therapy/ HUMAN/ LUNG, injuries/ MALE/ MIDDLE AGE/ RIBS, injuries/ RUPTURE/ *THORACIC INJURIES/ THORACIC INJURIES, classification/ THORACIC INJURIES, etiology/ THORACIC INJURIES, mortality/ THORACIC INJURIES, physiopathology/ TRACHEA, injuries/ *WOUNDS, NONPENETRATING/ WOUNDS, NONPENETRATING, etiology/ WOUNDS, NONPENETRATING, mortality/ WOUNDS, NONPENETRATING, physiopathology

9994. **Wiltshaw E, Kroner T:** Phase II study of cis-dichlorodiammineplatinum(II) (NSC-119875) in advanced adenocarcinoma of the ovary.
Cancer Treat Rep 60(1):55–60, Jan 76
*ADENOCARCINOMA, drug therapy/ ADULT/ AGED/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BLOOD PLATELETS, drug effects/ *DIAMMONIUM CHLOROPLATINUM COMPOUNDS, therapeutic use/ DRUG ADMINISTRATION SCHEDULE/ FEMALE/ HEMOGLOBINS/ HUMAN/ LEUKOCYTE COUNT/ LEUKOCYTES, drug effects/ MIDDLE AGE/ NAUSEA, chemically induced/ *OVARIAN NEOPLASMS, drug therapy/ *PLATINUM DIAMMINODICHLORIDE, therapeutic use/ UREA, blood/ VOMITING, chemically induced

9995. **Wilusz T, Wilimowska-Pelc A, Mejbaum-Katzenellenbogen W:** Trypsin inhibitors in bovine lung and pancreas during development. Acta Biochim Pol 23(2–3):269–75, 1976
AGE FACTORS/ ANIMAL/ *CATTLE, metabolism/ FEMALE/ HYDROGEN-ION CONCENTRATION/ LUNG, embryology/ LUNG, growth & development/ *LUNG, metabolism/ ORGAN SPECIFICITY/ PANCREAS, embryology/ PANCREAS, growth & development/ *PANCREAS, metabolism/ PREGNANCY/ *TRYPSIN INHIBITOR, KAZAL PANCREATIC, metabolism/ *TRYPSIN INHIBITORS, metabolism

9996. **Wiman B, Holm T, Prydz H:** No effect of factor Xa or tissue thromboplastin and factor VII on the activation of plasminogen. Thromb Res 9(5):523–5, Nov 76
DOSE-RESPONSE RELATIONSHIP, DRUG/ *FACTOR VII, pharmacodynamics/ *FACTOR X, pharmacodynamics/ FIBRINOLYSIN, biosynthesis/ HUMAN/ *PLASMINOGEN, metabolism/ *THROMBOPLASTIN, pharmacodynamics

9997. **Wiman B, Wallén P:** The specific interaction between plasminogen and fibrin. A physiological role of the lysine binding site in plasminogen. Thromb Res 10(2):213–22, Feb 77
AMINO ACID SEQUENCE/ BINDING SITES/ CHROMATOGRAPHY, AFFINITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRIN/ HUMAN/ *LYSINE/ *PLASMINOGEN/ PLASMINOGEN, isolation & purification

9998. **Wiman B:** Primary structure of the B-chain of human plasmin. Eur J Biochem 76(1):129–37, 1 Jun 77
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *FIBRINOLYSIN/ HUMAN/ PEPTIDE FRAGMENTS/ PEPTIDES/ TRYPSIN

9999. **Winand J, Dehaye JP, Herbelinck M, et al:** Antilipolytic action of suloctidil in rat adipose tissue.
Biochem Pharmacol 26(15):1429–33, 1 Aug 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL/ CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DRUG INTERACTIONS/ IN VITRO/ ISOPROTERENOL, pharmacodynamics/ KINETICS/ LIPASE, metabolism/ *LIPIDS,

metabolism/ LIPOPROTEIN LIPASE, metabolism/ *PROPANOLAMINES, pharmacodynamics/ RATS/ TRIGLYCERIDES

10000. **Winand RJ, Wadeleux PA, Etienne-Decerf J, et al:** Biochemical basis of thyroid stimulation in using thyroid cells in tissue cultures. pp. 1–23.
In: von zur Mühlen A, Schleusener H, ed. Biochemical basis of thyroid stimulation and thyroid hormone. Stuttgart, Thieme, 1976. WK 202 B615 1975.
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ CELL MEMBRANE, metabolism/ CELLS, CULTURED/ CHROMATOGRAPHY, GEL/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DOGS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ IODIDES, metabolism/ MONOGRAPH/ RECEPTORS, HORMONE, drug effects/ THYROGLOBULIN, isolation & purification/ THYROID GLAND, cytology/ *THYROID GLAND, growth & development/ THYROID GLAND, metabolism/ THYROID GLAND, ultrastructure/ THYROTROPIN, isolation & purification/ THYROTROPIN, metabolism/ THYROTROPIN, pharmacodynamics/ TRYPSIN/ ULTRACENTRIFUGATION

10001. **Winchester JF, Apiliga MT, Kennedy AC:** Short-term evaluation of charcoal hemoperfusion combined with dialysis in uremic patients. Kidney Int [Suppl] (7):S315–9, Dec 76
BLOOD PLATELETS, analysis/ *CHARCOAL, therapeutic use/ CREATININE, analysis/ *HEMODIALYSIS, methods/ HUMAN/ KIDNEY, ARTIFICIAL, instrumentation/ PHOSPHATES, analysis/ UREA, analysis/ UREMIA, blood/ *UREMIA, therapy/ URIC ACID, analysis

10002. **Winckler CF, Yam LT, Lincoln JB, et al:** Cytologic changes of pleural effusion in pulmonary embolism (letter). Arch Intern Med 136(10):1195–7, Oct 76
DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *PLEURAL EFFUSION, cytology/ *PULMONARY EMBOLISM, pathology

10003. **Wincott E:** Psychosocial aspects of hemophilia: problems, prevention, treatment modalities, research, and future directions. Mt Sinai J Med NY 44(3):438–55, May–Jun 77
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CHILD/ CHILD, PRESCHOOL/ COUNSELING/ FAMILY/ *HEMOPHILIA, therapy/ HUMAN/ INFANT/ MIDDLE AGE/ PATIENT CARE TEAM/ PSYCHOLOGY, SOCIAL

10004. **Winfiled DA, Benton P, Espir ML, et al:** Sodium valproate and thrombocytopenia. Br Med J 2(6042):981, 23 Oct 76
BLOOD CELL COUNT/ BLOOD PLATELETS/ CASE REPORT/ CHILD/ *DIPROPYL ACETATE, adverse effects/ DIPROPYL ACETATE, therapeutic use/ HUMAN/ MALE/ THROMBOPENIA, blood/ *THROMBOPENIA, chemically induced/ *VALERATES, adverse effects

10005. **Winkler R:** Jodwirkungen in Körpergeweben – Bestandsaufnahme und Versuch einer biophysikalischen Deutung Wien Klin Wochenschr 88(13):405–12, 25 Jun 76 (Eng. Abstr.) **(Ger)**
BINDING SITES, drug effects/ BLOOD VISCOSITY, drug effects/ CELL MEMBRANE PERMEABILITY, drug effects/ ENGLISH ABSTRACT/ HUMAN/ IODINE, metabolism/ *IODINE, pharmacodynamics/ LACTATE DEHYDROGENASE, metabolism/ MALATE DEHYDROGENASE, metabolism/ OXIDATION-REDUCTION, drug effects/ PANCREATOPEPTIDASE, metabolism/ PHAGOCYTOSIS, drug effects/ THYROID HORMONES, metabolism

10006. **Winograd J, Palubinskas AJ:** Arterial-portal venous shunting in cavernous hemangioma of the liver. Radiology 122(2):331–2, Feb 77
*ARTERIOVENOUS FISTULA, pathology/ CASE REPORT/ *HEMANGIOMA, CAVERNOUS, blood supply/ *HEPATIC ARTERY/ HEPATIC ARTERY, pathology/ HUMAN/ *LIVER NEOPLASMS, blood supply/ MALE/ MIDDLE AGE/ *PORTAL VEIN/ PORTAL VEIN, pathology

10007. **Wintch R, James PM:** Viability of cryopreserved red blood cells studied over 96 hr post-thaw. J Surg Res 23(2):88–95, Aug 77
BACTERIA, growth & development/ BLOOD CELL COUNT/ BLOOD PLATELETS, physiology/ *BLOOD PRESERVATION/ CELL SURVIVAL/ *ERYTHROCYTES, physiology/ FREEZING/ HUMAN/ LACTATES, blood/ LEUKOCYTES, physiology/ POTASSIUM, blood/ SODIUM, blood

10008. **Winterbauer RH, Ludwig WR, Hammar SP:** Clinical course, management, and long-term sequelae of respiratory failure due to influenza viral pneumonia.
Johns Hopkins Med J 141(3):148–55, Sep 77
ADULT/ AGED/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ *INFLUENZA, complications/ MALE/ MIDDLE AGE/ OXYGEN INHALATION THERAPY/ OXYGEN, blood/ PARTIAL PRESSURE/ *PNEUMONIA, VIRAL, complications/ PULMONARY ALVEOLI, pathology/ PULMONARY FIBROSIS, etiology/ RESPIRATION, ARTIFICIAL/ RESPIRATORY FUNCTION TESTS/ RESPIRATORY INSUFFICIENCY, complications/ *RESPIRATORY INSUFFICIENCY, etiology/ RESPIRATORY INSUFFICIENCY, therapy/ TIME FACTORS

10009. **Winterbourn CC, Carrell RW:** Reactivity of the beta-93 SH groups in Hb Köln. Hemoglobin 1(1):1–11, 1976–77
BLOOD PRESERVATION/ DISULFIDES, blood/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GERMANY/ *HEMOGLOBINS, ABNORMAL, analysis/ HUMAN/ OXIDATION-REDUCTION/ *SULFHYDRYL COMPOUNDS, blood

10010. **Winters WD, Neri A, Morton DL:** New cell line derived from a human chondrosarcoma. In Vitro 10:70–6, Jul–Aug 74
CARCINOGENESIS/ CELL ADHESION/ CELL DIVISION, drug effects/ *CELL LINE/ CELL NUCLEUS, ultrastructure/ *CHONDROSARCOMA/ CLONE CELLS/ CULTURE MEDIA/ HUMAN/ KARYOTYPING/ *SKIN NEOPLASMS/ TRYPSIN, pharmacodynamics

10011. **Wintroub BU, Goetzl EJ, Austen KF:** A neutrophil-dependent pathway for the generation of a neutral peptide mediator. II. Subcellular localization of the neutrophil protease. Immunology 33(1):41–9, Jul 77
CELL FRACTIONATION/ CELL MEMBRANE, enzymology/ CHROMATOGRAPHY, GEL/ HUMAN/ MOLECULAR WEIGHT/ *NEUTROPHILS, enzymology/ NUCLEOTIDASES, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, analysis/ *PEPTIDES, biosynthesis/ SUBCELLULAR FRACTIONS, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10012. **Winzor DJ, Tellam R, Nichol LW:** Determination of the asymptotic shapes of sedimentation velocity patterns for reversibly polymerizing solutes. Arch Biochem Biophys 178(2):327–32, 30 Jan 77
ACETATES/ *CHYMOTRYPSIN/ ISOFLUROPHATE, pharmacodynamics/ *LACTOGLOBULINS/ MODELS, CHEMICAL/ PHOSPHATES/ ULTRACENTRIFUGATION

10013. **Wirz-Justice A, Pühringer W, Lacoste V, et al:** Intravenous L-5-hydroxytryptophan in normal subjects: an interdisciplinary precursor loading study. Part III: Neuroendocrinological and biochemical changes. Pharmakopsychiatr Neuropsychopharmakol 9(6):277–88, Nov 76
ADULT/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ HYDROXYTRYPTOPHAN, administration & dosage/ *HYDROXYTRYPTOPHAN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ MALE/ MONOAMINE OXIDASE, metabolism/ *PITUITARY HORMONES, ANTERIOR, blood/ PROLACTIN, blood/ PROTEIN BINDING/ *SEROTONIN,

blood/ SERUM ALBUMIN/ SERYLTRIHYDROXY BENZYLHYDRAZINE, pharmacodynamics/ SOMATOTROPIN, blood/ TIME FACTORS/ TRYPTOPHAN, blood

10014. **Wiseman LL, Hammond WR:** The reaquisition of cell adhesiveness following tissue disaggregation by eleven different agents. J Exp Zool 197(3):429–33, Sep 76
ANIMAL/ *CELL ADHESION, drug effects/ *CELL AGGREGATION, drug effects/ CELL SURVIVAL/ CHICK EMBRYO/ RETINA, cytology/ RETINA, drug effects/ TRYPSIN, pharmacodynamics

10015. **Wiseman LL, Grobsky GJ, Melester TS:** Is the movement of single cells within solid tissue masses induced by trypsinization? Exp Cell Res 103(2):426–31, Dec 76
*CELL MOVEMENT, drug effects/ CELL SEPARATION/ CELLS, CULTURED/ CHICK EMBRYO/ LIVER, cytology/ MYOCARDIUM, cytology/ RETINA, cytology/ *TRYPSIN, pharmacodynamics

10016. **Wiseman SH, Gonda I:** Comparison of resistance of soluble and immobilised trypsins against denaturation by simulated gastric fluid [proceedings]. J Pharm Pharmacol 28 Suppl:11P, Dec 76
COMPARATIVE STUDY/ CRYSTALLIZATION/ *GASTRIC JUICE, metabolism/ IN VITRO/ PROTEIN DENATURATION/ SOLUBILITY/ *TRYPSIN, metabolism

10017. **Wissler RW, Vesselinovitch D:** Studies of regression of advanced atherosclerosis in experimental animals and man. Ann NY Acad Sci 275:363–78, 1976
ANIMAL/ AORTA, physiopathology/ *ARTERIOSCLEROSIS, physiopathology/ ATHEROSCLEROSIS, drug therapy/ *ATHEROSCLEROSIS, physiopathology/ CHOLESTEROL, DIETARY/ CHOLESTYRAMINE, therapeutic use/ CORONARY VESSELS, physiopathology/ DIET, ATHEROGENIC/ DOGS/ HISTOCYTOCHEMISTRY/ HUMAN/ MONKEYS/ RABBITS/ REMISSION/ RHESUS MONKEYS/ SWINE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10018. **Wissler RW, Vesselinovitch D:** Regression of atherosclerosis in experimental animals and man. Mod Concepts Cardiovasc Dis 46(6):27–32, Jun 77 (19 ref.)
ANIMAL/ AORTA, pathology/ *ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, therapy/ *ATHEROSCLEROSIS/ ATHEROSCLEROSIS, pathology/ ATHEROSCLEROSIS, therapy/ CHOLESTEROL, DIETARY, adverse effects/ CORONARY VESSELS, pathology/ DIET, ATHEROGENIC/ DIETARY FATS, adverse effects/ DISEASE MODELS, ANIMAL/ HUMAN/ MONKEYS/ RABBITS/ REMISSION/ REVIEW/ RHESUS MONKEYS/ SWINE

10019. **Wistow BW, Grossman ZD, Subramanian G, et al:** Localization of fresh experimental venous thrombi in rabbits using 99mTc-oxine-labeled autologous platelets. Radiology 123(3):787–9, Jun 77
ANIMAL/ *BLOOD PLATELETS/ RABBITS/ *RADIONUCLIDE IMAGING, methods/ TECHNETIUM, diagnostic use/ *THROMBOPHLEBITIS, diagnosis/ 8-HYDROXYQUINOLINE, diagnostic use

10020. **Witchitz S, Kolsky H, Moisson P, et al:** Streptokinase et infarctus du myocarde aigu. La fibrinolyse peut-elle limiter la nécrose Ann Cardiol Angeiol (Paris) 26(1):53–6, Jan–Feb 77 (Eng. Abstr.) **(Fre)**
ACUTE DISEASE/ AGED/ DRUG EVALUATION/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use

10021. **Witchitz S:** Diagnostic de l'embolie pulmonaire aiguë (à l'exclusion des formes graves). Rev Prat 27(31):1995–2005, 1 Jun 77 (Eng. Abstr.) **(Fre)**
ENGLISH ABSTRACT/ HUMAN/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ RADIONUCLIDE IMAGING

10022. **Witkin EM:** Ultraviolet mutagenesis and inducible DNA repair in Escherichia coli. Bacteriol Rev 40(4):869–907, Dec 76 (249 ref.)
BACTERIAL PROTEINS, biosynthesis/ CARCINOGENESIS/ COLIPHAGES, growth & development/ COLIPHAGES, radiation effects/ DEOXYRIBONUCLEASE, metabolism/ DNA POLYMERASES, metabolism/ *DNA REPAIR/ DNA REPLICATION/ DNA, BACTERIAL, biosynthesis/ DNA, BACTERIAL, radiation effects/ ESCHERICHIA COLI, enzymology/ *ESCHERICHIA COLI, metabolism/ ESCHERICHIA COLI, radiation effects/ GENES, REGULATOR/ *MUTATION/ PEPTIDE HYDROLASES, metabolism/ PLASMIDS/ REVIEW/ *ULTRAVIOLET RAYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VIRUS REPLICATION

10023. **Witkowska M, Prandota J:** Interakcje między chemioterapeutykami a innymi lekami Postepy Hig Med Dosw 30(6):845–59, Nov–Dec 76 (Eng. Abstr.) **(Pol)**
ANTIBIOTICS, pharmacodynamics/ ANTICOAGULANTS, pharmacodynamics/ BLOOD COAGULATION, drug effects/ BLOOD PROTEINS/ *DRUG INTERACTIONS/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ HUMAN/ PROTEIN BINDING

10024. **Witt C, Polaczek K, Lącki L, et al:** Trombotest i poziom niektórych czynników osoczowych u noworodków. Pediatr Pol 52(5):483–8, May 77 (Eng. Abstr.) **(Pol)**
*BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HUMAN/ *INFANT, NEWBORN

10025. **Witt I:** Neue Methoden der Gerinnungsanalyse mit chromogenen Substraten J Clin Chem Clin Biochem 15(4):239–44, Apr 77 (Eng. Abstr.) **(Ger)**
BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION TESTS, methods/ ENGLISH ABSTRACT/ FEMALE/ HEMATOLOGIC DISEASES, blood/ HEPARIN, blood/ HUMAN/ HYDROLYSIS/ KALLIKREIN, blood/ LIVER DISEASES, blood/ MALE/ PEPTIDES/ PLATELET AGGREGATION

10026. **Witte CL, Ovitt TW, Van Wyck DB, et al:** Ischemic therapy in thrombocytopenia from hypersplenism. Arch Surg 111(10):1115–21, Oct 76
ADULT/ AGED/ BLOOD CELL COUNT/ *BLOOD PLATELET DISORDERS, therapy/ BLOOD PLATELETS/ CASE REPORT/ *CATHETERIZATION/ *EMBOLIZATION, THERAPEUTIC/ EMBOLIZATION, THERAPEUTIC, adverse effects/ FEMALE/ HUMAN/ *HYPERSPLENISM, complications/ LEUKOCYTE COUNT/ LIGATION/ MALE/ MIDDLE AGE/ SPLENIC ARTERY, surgery/ THROMBOCYTOPATHY, blood/ THROMBOCYTOPATHY, etiology/ *THROMBOCYTOPATHY, therapy/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10027. **Witte CL, Corrigan JJ Jr, Witte MH, et al:** Splenic artery ligation in experimental hypersplenism. Surgery 80(5):581–5, Nov 76
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BODY WEIGHT/ HEMATOCRIT/ HYPERSPLENISM, blood/ HYPERSPLENISM, chemically induced/ *HYPERSPLENISM, surgery/ LEUKOCYTE COUNT/ LIGATION/ MALE/ METHYLCELLULOSE/ RATS/ SPLENECTOMY/ *SPLENIC ARTERY, surgery/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10028. **Witte CL:** Cephalic vein cross-over bypass (letter). Surgery 81(6):730, Jun 77
*ARM, blood supply/ CASE REPORT/ HUMAN/ *JUGULAR VEIN, surgery/ MALE/ METHODS/ MIDDLE AGE/ *SUBCLAVIAN VEIN/ SUBCLAVIAN VEIN, surgery/ *THROMBOPHLEBITIS, surgery

10029. **Wittmann-Liebold B, Marzinzig E, Lehmann A:** Primary structure of protein S20 from the small ribosomal subunit of Escherichia coli. FEBS Lett 68(1):110–4, 15 Sep 76
AMINO ACID SEQUENCE/ *ESCHERICHIA COLI/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ *RIBOSOMAL PROTEINS/ THERMOLYSIN/ TRYPSIN

10030. **Wittmann-Liebold B, Pannenbecker R:** Primary structure of protein L33 from the large subunit of the Escherichia coli ribosome. FEBS Lett 68(1):115–8, 15 Sep 76
AMINO ACID SEQUENCE/ CARBOXYPEPTIDASES/ *ESCHERICHIA COLI/ PEPTIDE FRAGMENTS, analysis/ *RIBOSOMAL PROTEINS/ THERMOLYSIN/ TRYPSIN

10031. **Woessner JF Jr:** Proteolytic control of collagen breakdown. pp. 357–69.
In: Ribbons DW, Brew K, ed. Proteolysis and physiological regulation. New York, Academic Press, 1976. W3 MI202 v.11 1976.
ANIMAL/ CLOSTRIDIOPEPTIDASE A, isolation & purification/ *CLOSTRIDIOPEPTIDASE A, metabolism/ *COLLAGEN, metabolism/ ESTRADIOL, pharmacodynamics/ FEMALE/ KINETICS/ MODELS, BIOLOGICAL/ MONOGRAPH/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PREGNANCY/ PROGESTERONE, pharmacodynamics/ RATS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UTERUS, drug effects/ *UTERUS, enzymology

10032. **Woessner JF Jr:** A latent form of collagenase in the involuting rat uterus and its activation by a serine proteinase. Biochem J 161(3):535–42, 1 Mar 77
ANIMAL/ CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ *CLOSTRIDIOPEPTIDASE A, metabolism/ ENZYME ACTIVATION/ FEMALE/ MOLECULAR WEIGHT/ PEPTIDE PEPTIDOHYDROLASES/ PREGNANCY/ RATS/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *UTERUS, enzymology

10033. **Wohl RC, Arzadon L, Summaria L, et al:** Comparison of the esterase and human plasminogen activator activities of various activated forms of human plasminogen and their equimolar streptokinase complexes. J Biol Chem 252(4):1141–7, 25 Feb 77
COMPARATIVE STUDY/ ENZYME ACTIVATION/ *ESTERASES, blood/ HUMAN/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PLASMINOGEN ACTIVATORS/ *PLASMINOGEN/ PLASMINOGEN, metabolism/ PROTEIN BINDING/ *STREPTOKINASE/ STREPTOKINASE, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10034. **Wójcicki J, Samochowiec L, Lawczyński L, et al:** Local treatment of thrombophlebitis with essaven gel. Arch Immunol Ther Exp (Warsz) 24(6):807–10, 1976
ADULT/ *ANTI-INFLAMMATORY AGENTS, TOPICAL/ DRUG COMBINATIONS/ ESCIN, pharmacodynamics/ *ESCIN, therapeutic use/ FEMALE/ GELS/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ *HYDROXYLASES, antagonists & inhibitors/ MALE/ MIDDLE AGE/ PHOSPHOLIPIDS, pharmacodynamics/ *PHOSPHOLIPIDS, therapeutic use/ *PROSTAGLANDIN SYNTHASE, antagonists & inhibitors/ *SAPONINS, therapeutic use/ *THROMBOPHLEBITIS, drug therapy

10035. **Wojskowicz J:** Biosynthesis of alpha-amylase and protease by Streptomyces olivaceus 142. II. Biosynthesis of protease. Acta Microbiol Pol 26(2):163–70, 1977
CHLORAMPHENICOL, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ ENZYME INDUCTION, drug effects/ ENZYME REPRESSION, drug effects/ KINETICS/ *PEPTIDE HYDROLASES, biosynthesis/ *STREPTOMYCES, enzymology

10036. **Wójtowicz M, Radwańska U, Kaczmarek M:** Pomyślny wynik leczenia ciężkiego zespołu Kasabacha-Merritta z koagulopatią ze zużycia Pediatr Pol 51(10):1229–32, Oct 76 **(Pol)**
CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HEMANGIOMA, complications/ *HEMANGIOMA, surgery/ HUMAN/ INFANT/ MALE/ PURPURA, THROMBOPENIC, complications/ SKIN NEOPLASMS, complications/ *SKIN NEOPLASMS, surgery/ SYNDROME

10037. **Wolf A, Stummvoll HK, Pinggera WF, et al:** Zur Leukozytenkinetik bei der Hämodialyse
Wien Med Wochenschr 126(41):595–7, 8 Oct 76 **(Ger)**
BINDING SITES/ CELL MOVEMENT/ FIBRIN, physiology/ *HEMODIALYSIS/ HISTAMINE LIBERATION/ HUMAN/ *KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, therapy/ KINETICS/ *LEUKOCYTES, physiology/ PLATELET AGGREGATION

10038. **Wolf BA, Goldberg AR:** Rous-sarcoma-virus-transformed fibroblasts having low levels of plasminogen activator. Proc Natl Acad Sci USA 73(10):3613–7, Oct 76
BIOLOGICAL TRANSPORT/ CELL DIVISION/ *CELL TRANSFORMATION, NEOPLASTIC/ CELL TRANSFORMATION, NEOPLASTIC, pathology/ CLONE CELLS/ DEOXYGLUCOSE, metabolism/ FIBRIN, metabolism/ *PLASMINOGEN ACTIVATORS, metabolism/ *ROUS SARCOMA VIRUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10039. **Wolf DP, Inoue M, Stark RA:** Penetration of zona-free mouse ova. Biol Reprod 15(2):213–21, Sep 76
ANIMAL/ CHYMOTRYPSIN, pharmacodynamics/ CULTURE MEDIA/ *FERTILIZATION, drug effects/ HYALURONIDASE, pharmacodynamics/ KINETICS/ MICE/ OOCYTES/ *OVUM, drug effects/ PRONASE, pharmacodynamics/ SPERM CAPACITATION/ *SPERM-OVUM INTERACTIONS, drug effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10040. **Wolf DP:** Involvement of a trypsin-like activity in sperm penetration of zona-free mouse ova. J Exp Zool 199(1):149–56, Jan 77
AMIDINES, pharmacodynamics/ ANIMAL/ FEMALE/ *FERTILIZATION, drug effects/ IN VITRO/ INSEMINATION/ MALE/ SPERM CAPACITATION/ *SPERM-OVUM INTERACTIONS, drug effects/ *TRYPSIN INHIBITORS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ ZONA PELLUCIDA, drug effects

10041. **Wolf G, Jentzsch K:** Beitrag zur verbesserten Darstellung des normalen Lymphknotens im Lymphadenogramm Fortschr Geb Roentgenstr Nuklearmed 125(4):351–4, Oct 76 (Eng. Abstr.) **(Ger)**
ANIMAL/ COUMARINS, administration & dosage/ ENGLISH ABSTRACT/ INJECTIONS, INTRALYMPHATIC, methods/ IODIZED OILS, administration & dosage/ *LYMPH NODES, radiography/ LYMPHATIC SYSTEM, drug effects/ LYMPHOGRAPHY, methods/ OILS/ PELVIS/ PRESSURE/ RESINS/ SWINE/ TEMPERATURE

10042. **Wolf G:** Ein Beitrag zum Ablauf fermentativer Prozesse im experimentell entzündeten Pfotengewebe der Ratte Arzneim Forsch 27(3):542–3, 1977 (Eng. Abstr.) **(Ger)**
ANIMAL/ CHROMATOGRAPHY, GEL/ ENGLISH ABSTRACT/ IN VITRO/ *INFLAMMATION, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, analysis/ RATS/ SODIUM SALICYLATE, pharmacodynamics

10043. **Wolf GK:** Arwin in peripheral arterial circulatory disorders: controlled multicentre trials. Eur J Clin Pharmacol 09(5–6):387–92, 22 Mar 76
*ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ARVIN, administration & dosage/ *ARVIN, therapeutic use/ BLOOD VISCOSITY/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DRUG EVALUATION/ FEMALE/ FIBRINOGEN,

analysis/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, SUBCUTANEOUS/ MALE/ NICOTINYL ALCOHOL, therapeutic use/ PAIN/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ PHENPROCOUMON, therapeutic use

10044. **Wolf P, Williams S:** The serial thromboplastin dilution test: a presumptive test for hypercoagulability. Thromb Res 9(2):209–14, Aug 76
ADULT/ *BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION TESTS, methods/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ LEUKEMIA, MYELOCYTIC, blood/ MALE/ MIDDLE AGE/ THROMBOSIS, blood

10045. **Wolfe SA, Tracey DE, Henney CS:** BCG-induced murine effector cells. II. Characterization of natural killer cells in peritoneal exudates. J Immunol 119(3):1152–8, Sep 77
ANIMAL/ ANTIGENS/ *ASCITIC FLUID, immunology/ BINDING SITES, ANTIBODY/ *BCG, immunology/ CELL ADHESION/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *IMMUNITY, CELLULAR/ IMMUNOGLOBULINS, FC/ IMMUNOGLOBULINS, SURFACE, metabolism/ MALE/ MICE/ MICE, INBRED C57BL/ MICE, INBRED DBA/ *MYCOBACTERIUM BOVIS, immunology/ PHAGOCYTOSIS/ T-LYMPHOCYTES, immunology/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10046. **Wolfenstein-Todel C, Frangione B, Prelli F, et al:** The amino acid sequence of 'heavy chain disease' protein ZUC. Structure of the Fc fragment of immunoglobulin G3. Biochem Biophys Res Commun 71(4):907–14, 23 Aug 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHYMOTRYPSIN/ *HEAVY CHAIN DISEASE, immunology/ HUMAN/ *IGG/ *IMMUNOGLOBULINS, ALPHA CHAIN/ *IMMUNOGLOBULINS, FC/ *IMMUNOGLOBULINS, HEAVY CHAIN/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10047. **Wollin A, Jaques LB:** Blocking of olive oil induced plasma protein escape from the intestinal circulation by histamine antagonists and by a diamine oxidase releasing agent. Agents Actions 6(5):589–92, Sep 76
ANIMAL/ *BLOOD PROTEINS, metabolism/ BURIMAMIDE, pharmacodynamics/ COMPARATIVE STUDY/ FEMALE/ *HEPARIN, pharmacodynamics/ *HISTAMINASE, metabolism/ *HISTAMINE H1 RECEPTOR BLOCKADERS, pharmacodynamics/ HISTAMINE, metabolism/ *INTESTINES, blood supply/ INTESTINES, enzymology/ INTESTINES, metabolism/ LYMPH, metabolism/ OILS/ PYRILAMINE, pharmacodynamics/ RATS/ REGIONAL BLOOD FLOW, drug effects

10048. **Wollny HK:** Die Anwendung von Klarsichtfolien über heparinhaltigen Salben bei Venenentzündungen und Traumen. ZFA (Stuttgart) 53(15):866, 31 May 77 **(Ger)**
HEPARIN, administration & dosage/ HUMAN/ *OCCLUSIVE DRESSINGS/ PHLEBITIS, drug therapy/ POLYETHYLENES/ WOUNDS AND INJURIES, drug therapy

10049. **Wolowicka L:** Certain parameters of pulmonary circulation dynamics and gas exchange in the lungs and morphotic changes in lung tissue in dogs during cardiac arrest and immediately after resuscitation.
Anaesth Resusc Intensive Ther 4(4):229–36, Oct–Dec 76
ACID-BASE EQUILIBRIUM/ ANIMAL/ BLOOD PRESSURE/ CARBON DIOXIDE, metabolism/ CARDIAC OUTPUT/ DOGS/ FATTY ACIDS, NONESTERIFIED, blood/ FIBRINOLYSIS/ *HEART ARREST, physiopathology/ LACTATES, blood/ LUNG, ultrastructure/ *OXYGEN CONSUMPTION/ *PULMONARY CIRCULATION/ PYRUVATES, blood/ VASCULAR RESISTANCE

10050. **Wolstenholme J, Woodward CG, Burgoyne RD, et al:** Vaccinia virus cytotoxin. Arch Virol 53(1–2):25–37, 1977
ANTIGENS, VIRAL, analysis/ CELL LINE/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ HELA CELLS/ MOLECULAR WEIGHT/ RIBONUCLEASE, metabolism/ TISSUE EXTRACTS/ *TOXINS/ TOXINS, metabolism/ TOXINS, toxicity/ TRYPSIN, metabolism/ *VACCINIA VIRUS/ VACCINIA VIRUS, growth & development/ VACCINIA VIRUS, immunology

10051. **Wolter JR, Leenhouts JA, Coulthard SW:** Clinical picture and management of subperiosteal hematoma of the orbit. J Pediatr Ophthalmol 13(3):136–8, May 76
ACCIDENTS, TRAFFIC/ ADOLESCENCE/ BONE DISEASES, diagnosis/ BONE DISEASES, surgery/ CASE REPORT/ EXOPHTHALMOS, etiology/ *HEMATOMA/ HEMATOMA, diagnosis/ HEMATOMA, surgery/ HUMAN/ MALE/ NEEDLES/ *ORBIT/ *PERIOSTEUM/ SUCTION/ WOUNDS, NONPENETRATING, complications

10052. **Wolter JR:** Thrombosis of the central retinal artery in retinoblastoma. J Pediatr Ophthalmol 13(2):99–102, Mar 76
CALCINOSIS/ CASE REPORT/ EYE NEOPLASMS, blood supply/ *EYE NEOPLASMS, complications/ GLAUCOMA, etiology/ HUMAN/ INFANT/ IRIS, blood supply/ MALE/ NECROSIS/ NEOPLASM REGRESSION, SPONTANEOUS/ OPTIC NERVE/ PERIPHERAL NERVE NEOPLASMS/ *RETINAL ARTERY/ RETINAL DETACHMENT, etiology/ RETINOBLASTOMA, blood supply/ *RETINOBLASTOMA, complications/ *THROMBOSIS, complications/ UVEAL DISEASES, etiology

10053. **Wong KP, Gillett PG:** Recurrent hemorrhage from corpus luteum during anticoagulant therapy.
Can Med Assoc J 116(4):388–90, 19 Feb 77
ADULT/ *ANTICOAGULANTS, adverse effects/ CASE REPORT/ *CORPUS LUTEUM/ FEMALE/ *HEMORRHAGE, chemically induced/ HUMAN/ OVARIAN DISEASES, chemically induced/ RUPTURE, SPONTANEOUS, chemically induced/ WARFARIN, adverse effects

10054. **Wong LT, Solomonraj G, Thomas BH:** Analysis of warfarin in plasma by high-pressure liquid chromatography.
J Chromatogr 135(1):149–54, 11 May 77
*CHROMATOGRAPHY, HIGH SPEED LIQUID, methods/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHYLATION/ *WARFARIN, blood

10055. **Wong SC, Shaw E:** Inactivation of trypsin-like proteases by active-site-directed sulfonylation. Ability of the departing group to confer selectivity. Arch Biochem Biophys 176(1):113–8, Sep 76
BINDING SITES/ ISOMERISM/ KINETICS/ NITROPHENOLS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SULFONIC ACIDS, pharmacodynamics/ *TRYPSIN INHIBITORS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

10056. **Wood CB, Capperauld I, Blumgart LH:** Bioplast fibrin buttons for liver biopsy and partial hepatic resection.
Ann R Coll Surg Engl 58(5):401–4, Sep 76
ABSORPTION/ ANIMAL/ BIOCOMPATIBLE MATERIALS/ *BIOPSY, instrumentation/ BIOPSY, methods/ DOGS/ FEMALE/ *FIBRIN/ *HEPATECTOMY, instrumentation/ HUMAN/ MALE

10057. **Wood HG, Barden RE:** Biotin enzymes.
Annu Rev Biochem 46:385–413, 1977 (111 ref.)
ACETYL COA CARBOXYLASE, metabolism/ AMINO ACID SEQUENCE/ BINDING SITES/ *BIOTIN/ BIOTIN, metabolism/ CROSS REACTIONS/ KINETICS/ *LIGASES/ LIGASES, immunology/ LIGASES, metabolism/ MACROMOLECULAR SYSTEMS/ METHYLMALONIC ACID/ MOLECULAR MODELS/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PEPTIDES/ PROPIONATES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ PYRUVATE CARBOXYLASE, metabolism/ REVIEW/

TRANSFERASES, metabolism/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UREA

10058. **Woodburn RT:** Sickle cell anemia--the disease and current directions in research. J Indiana State Med Assoc 70(1):18–20, Jan 77
*ANEMIA, SICKLE CELL/ ANEMIA, SICKLE CELL, complications/ ANEMIA, SICKLE CELL, physiopathology/ BLOOD VISCOSITY/ HUMAN/ RESEARCH DESIGN/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

10059. **Woodhouse CR, Eadie DG:** Severe thrombophlebitis with Praxilene. Br Med J 1(6072):1320, 21 May 77
AGED/ FEMALE/ *FURANS, adverse effects/ IN VITRO/ INFUSIONS, PARENTERAL/ MALE/ *NAFRONYL, adverse effects/ NAFRONYL, therapeutic use/ *THROMBOPHLEBITIS, chemically induced/ VENOUS INSUFFICIENCY, drug therapy

10060. **Woods BP, Dennehy A, Clarke N:** Some observations on the preparation of platelet-rich plasma.
Thromb Haemostas 36(2):302–10, 30 Nov 76
BLOOD CELL COUNT/ *BLOOD PLATELETS/ CELL SEPARATION, methods/ HUMAN/ IN VITRO/ *PLASMA/ SPECTROPHOTOMETRY/ ULTRACENTRIFUGATION, methods

10061. **Woods JE, Masson JK, Irons GB:** Experience with subcutaneous mastectomy. Surgery 80(4):422–5, Oct 76
ADULT/ AGED/ BREAST DISEASES, occurrence/ BREAST NEOPLASMS, surgery/ FEMALE/ HEMATOMA, occurrence/ HUMAN/ *MASTECTOMY, methods/ MASTITIS, chemically induced/ MASTITIS, surgery/ MIDDLE AGE/ MINNESOTA/ PROSTHESIS, adverse effects/ SILICONES, adverse effects

10062. **Woods WR, Tulumello TN:** Management of oral hemangioma. Review of the literature and report of a case.
Oral Surg 44(1):39–44, Jul 77
CASE REPORT/ FEMALE/ *HEMANGIOMA, pathology/ HEMANGIOMA, therapy/ HUMAN/ MIDDLE AGE/ *PALATAL NEOPLASMS, pathology/ PALATAL NEOPLASMS, therapy

10063. **Woodward CK:** Dynamic solvent accessibility in the soybean trypsin inhibitor--trypsin complex. J Mol Biol 111(4):509–15, 25 Apr 77
HYDROGEN-ION CONCENTRATION/ KINETICS/ PROTONS/ SOLVENTS/ *SOY BEANS/ TEMPERATURE/ *TRYPSIN INHIBITORS/ *TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10064. **Woolley MM, Stanley P, Wesley JR:** Peripherally located congenital arteriovenous fistulae in infancy and childhood.
J Pediatr Surg 12(2):165–76, Apr 77
ADOLESCENCE/ AMPUTATION/ ANGIOGRAPHY/ ARTERIOVENOUS MALFORMATIONS, radiography/ *ARTERIOVENOUS MALFORMATIONS, surgery/ BUTTOCKS, blood supply/ BUTTOCKS, surgery/ CAROTID ARTERY DISEASES, radiography/ CAROTID ARTERY DISEASES, surgery/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ *COLLATERAL CIRCULATION/ EXTREMITIES, blood supply/ EXTREMITIES, surgery/ FEMALE/ HEAD AND NECK NEOPLASMS, radiography/ HEAD AND NECK NEOPLASMS, surgery/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ POSTOPERATIVE COMPLICATIONS, mortality

10065. **Work WP:** Parapharyngeal space and salivary gland neoplasms. Otolaryngol Clin North Am 10(2):421–6, Jun 77
AGED/ BIOPSY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FIBROMA, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ LIPOMA, diagnosis/ LYMPHANGIOMA, diagnosis/ MALE/ PARAGANGLIOMA, NONCHROMAFFIN, diagnosis/ *PAROTID NEOPLASMS, diagnosis/ PAROTID NEOPLASMS, surgery/ *PHARYNGEAL NEOPLASMS, diagnosis/ PHARYNGEAL NEOPLASMS, surgery/ TERATOID TUMOR, diagnosis

10066. **Workman EF Jr, White GC 2d, Lundblad RL:** Platelet–thrombin interactions as assessed by affinity chromatography. Thromb Res 9(5):491–503, Nov 76
ANIMAL/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, physiology/ BLOOD PLATELETS, ultrastructure/ CALCIUM, pharmacodynamics/ CATALYSIS/ CATTLE/ *CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GEL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYMES, IMMOBILIZED/ HUMAN/ IODINE RADIOISOTOPES, metabolism/ PLATELET AGGREGATION, drug effects/ PROTEIN BINDING/ SEPHAROSE, pharmacodynamics/ THROMBIN, metabolism/ *THROMBIN, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10067. **Workman EF Jr, White GC 2d, Lundblad RL:** High affinity binding of thrombin to platelets. Inhibition by tetranitromethane and heparin.
Biochem Biophys Res Commun 75(4):925–32, 25 Apr 77
ANIMAL/ BINDING SITES/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CATTLE/ *HEPARIN, pharmacodynamics/ HUMAN/ KINETICS/ *METHANE, analogs & derivatives/ *TETRANITROMETHANE, pharmacodynamics/ *THROMBIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10068. **Wörner H:** Zwischenfälle bei der Lokalanästhesie ZWR 86(2):57–60, 25Jan 77 **(Ger)**
ANAPHYLAXIS, etiology/ *ANESTHESIA, LOCAL, adverse effects/ *ANKYLOSIS, etiology/ DRUG HYPERSENSITIVITY, complications/ FEMALE/ HEMATOMA, etiology/ HUMAN/ LINGUAL NERVE, injuries/ MALE/ POSTURE/ SHOCK, CARDIOGENIC, etiology/ SYNCOPE, etiology/ TEMPOROMANDIBULAR JOINT

10069. **Worowski K:** Synergistic antifibrinolytic action of the potato protease inhibitor and epsilon-aminocaproic acid.
Acta Biol Acad Sci Hung 27(2–3):125–8, 1976
*AMINOCAPROIC ACIDS, pharmacodynamics/ BINDING SITES/ DRUG SYNERGISM/ *ENZYME INHIBITORS, pharmacodynamics/ *FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS, drug effects/ *6-AMINOCAPROIC ACID, pharmacodynamics

10070. **Worowski K, Głowiński S:** Effect of potato protease inhibitor on the clotting system and fibrinolysis in the dog.
Haematologia (Budap) 10(3–4):331–7, 1976
ANIMAL/ *BLOOD COAGULATION/ DOGS/ *ENZYME INHIBITORS, pharmacodynamics/ *FIBRINOLYSIS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PLANTS

10071. **Worthington KJ, Cuschieri A:** Activation and release of proteolytic kinin-forming enzymes from rat jejunal loops perfused with hyperosmolar glucose solutions. Gut 18(4):279–83, Apr 77
ANIMAL/ ARGININE, analogs & derivatives/ CELL SURVIVAL/ ENZYME ACTIVATION/ *GLUCOSE, pharmacodynamics/ INTESTINAL MUCOSA, enzymology/ *INTESTINAL MUCOSA, metabolism/ JEJUNUM, enzymology/ *JEJUNUM, metabolism/ *KALLIKREIN, metabolism/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES, metabolism/ PERFUSION/ RATS

10072. **Woscoff A, Cordero AA, Abulafia J:** Linfangitis no venérea del pene Med Cutan Iber Lat Am 4(5):341–7, 1976 (Eng. Abstr.) **(Spa)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ ESCIN, therapeutic use/ HESPERIDIN, therapeutic use/ HUMAN/ *LYMPHANGITIS/ LYMPHANGITIS, drug therapy/ LYMPHANGITIS, etiology/ LYMPHANGITIS, pathology/ MALE/ *PENILE DISEASES/ PENILE DISEASES, drug therapy/ PENILE DISEASES, etiology/ PENILE DISEASES, pathology/ PEPTIDE HYDROLASES, therapeutic use/ SEX BEHAVIOR

10073. **Woźniak M, Ostrowski K, Trzebicki J:** Przypadek rzekomego krwiaka oponowego u chorego z oponiakiem sklepistości mózgu Neurol Neurochir Pol 11(2):259–62, Mar–Apr 77 (Eng. Abstr.) **(Pol)**

*BRAIN NEOPLASMS, radiography/ CASE REPORT/ CEREBRAL ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *HEMATOMA, radiography/ HUMAN/ MALE/ *MENINGES/ *MENINGIOMA, radiography/ MIDDLE AGE

10074. **Wray CH, Moretz WH, Mansberger AR Jr:** Use of the smooth Teflon clip to prevent pulmonary embolism in the postoperative period. Am Surg 43(5):269–78, May 77
ADULT/ AGED/ CASE REPORT/ FEMALE/ GEORGIA/ HUMAN/ MALE/ MIDDLE AGE/ *POLYTETRAFLUOROETHYLENE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, mortality/ *PULMONARY EMBOLISM, prevention & control/ RISK/ VENAE CAVAE

10075. **Wright G, Sanderson JM:** Cellular aggregation and destruction during blood circulation and oxygenation. Thorax 31(4):405–9, Aug 76
ANIMAL/ *BLOOD PLATELETS, physiology/ CELL AGGREGATION/ DOGS/ *EXTRACORPOREAL CIRCULATION/ HEMOLYSIS/ HUMAN/ *LEUKOCYTES, physiology/ PLATELET AGGREGATION

10076. **Wright HT:** Secondary and conformational specificities of trypsin and chymotrypsin. Eur J Biochem 73(2):567–78, Mar 1 77
*CHYMOTRYPSIN, metabolism/ MOLECULAR MODELS/ *PROTEIN CONFORMATION/ PROTEINS/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN, metabolism

10077. **Wright IG, Boreham FL:** Studies on urinary kallikrein in Trypanosoma brucei infections of the rabbit. Biochem Pharmacol 26(5):417–23, 1 Mar 77
ANIMAL/ BIOLOGICAL ASSAY/ FEMALE/ KALLIKREIN, pharmacodynamics/ *KALLIKREIN, urine/ KINETICS/ MALE/ MUSCLE CONTRACTION, drug effects/ RABBITS/ RATS/ *TRYPANOSOMA BRUCEI/ *TRYPANOSOMIASIS, urine/ UTERUS, drug effects/ UTERUS, physiology

10078. **Wright J, Newman D:** An overview of cardiac surgery. Aust NZ J Surg 47(1):119–23, Feb 77
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ AORTIC ANEURYSM, diagnosis/ CHILD/ CORONARY DISEASE, surgery/ HEART DEFECTS, CONGENITAL, surgery/ *HEART DISEASES, surgery/ HUMAN/ INFANT/ PACEMAKER, ARTIFICIAL/ PULMONARY EMBOLISM, surgery

10079. **Wright JK, Feldman J, Takahashi M:** Isolation of a substrate-containing active-site peptide from aspartokinase I. Biochem Biophys Res Commun 72(4):1456–61, 18 Oct 76
ADENOSINE TRIPHOSPHATE/ AMINO ACIDS, analysis/ *ASPARTATE KINASE/ ASPARTATE KINASE, metabolism/ BINDING SITES/ ESCHERICHIA COLI, enzymology/ PEPTIDE FRAGMENTS, analysis/ *PHOSPHOTRANSFERASES, ATP/ PHOSPHOTRANSFERASES, ATP, metabolism/ PROTEIN BINDING/ TRYPSIN

10080. **Wright JR, Calkins E, Humphrey RL:** Potassium permanganate reaction in amyloidosis. A histologic method to assist in differentiating forms of this disease. Lab Invest 36(3):274–81, Mar 77
*AMYLOIDOSIS, diagnosis/ AMYLOIDOSIS, metabolism/ AMYLOIDOSIS, pathology/ CONGO RED/ *HISTOCYTOCHEMISTRY, methods/ HUMAN/ LIVER, metabolism/ *LIVER, pathology/ LUNG, metabolism/ *LUNG, pathology/ MALE/ MIDDLE AGE/ MULTIPLE MYELOMA, metabolism/ MULTIPLE MYELOMA, pathology/ MYOCARDIAL DISEASES, SECONDARY, metabolism/ MYOCARDIAL DISEASES, SECONDARY, pathology/ *POTASSIUM PERMANGANATE, diagnostic use/ SPLEEN, metabolism/ *SPLEEN, pathology/ TENDONS, metabolism/ *TENDONS, pathology/ TRYPSIN, diagnostic use/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10081. **Wu KK, Hoak JC:** Spontaneous platelet aggregation in arterial insufficiency: mechanisms and implications. Thromb Haemostas 35(3):702–11, 30 Jun 76
ADENOSINE, analogs & derivatives/ ADENOSINE, pharmacodynamics/ ADULT/ AGED/ ANGINA PECTORIS, blood/ APYRASE, pharmacodynamics/ *ARTERIAL OCCLUSIVE DISEASES, blood/ ASPIRIN, pharmacodynamics/ CEREBRAL ISCHEMIA, TRANSIENT, blood/ CORONARY DISEASE, blood/ DIPYRIDAMOLE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HIRUDIN, pharmacodynamics/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics

10082. **Wu SM, Spurny OM, Klotz AP:** Budd–chiari syndrome after taking oral contraceptives. A case report and review of 14 reported cases. Am J Dig Dis 22(7):623–8, Jul 77
ADULT/ CASE REPORT/ *ETHINYL ESTRADIOL, adverse effects/ FEMALE/ HEPARIN, therapeutic use/ *HEPATIC VEIN THROMBOSIS, chemically induced/ HEPATIC VEIN THROMBOSIS, diagnosis/ HEPATIC VEIN THROMBOSIS, drug therapy/ HUMAN/ LIVER, radiography/ METHODS/ *NORETHINDRONE, adverse effects/ THROMBOPHLEBITIS, etiology

10083. **Wulfert E:** La fonction plaquettaire: adhésion, largage et agrégation Therapie 31(6):793–804, Nov–Dec 76 (33 ref.) (Eng. Abstr.) **(Fre)**
*ADENOSINE DIPHOSPHATE, metabolism/ AGE FACTORS/ *BLOOD PLATELETS, physiology/ CALCIUM, metabolism/ ENGLISH ABSTRACT/ EPINEPHRINE, physiology/ HUMAN/ IN VITRO/ *PLATELET ADHESIVENESS/ *PLATELET AGGREGATION/ PLATELET AGGREGATION, drug effects/ REVIEW/ SEROTONIN, metabolism

10084. **Wunderer G, Fritz H, Wachter E, et al:** Amino-acid sequence of a coelenterate toxin: toxin II from Anemonia sulcata. Eur J Biochem 68(1):193–8, Sep 76
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ *COELENTERATA, analysis/ DISULFIDES, analysis/ *MARINE TOXINS/ PEPTIDE FRAGMENTS, analysis/ *SEA ANEMONES, analysis/ TRYPSIN

10085. **Wunderer G, Béress L, Machleidt W, et al:** Broad-specificity inhibitors from sea anemones. Methods Enzymol 45:881–8, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHROMATOGRAPHY, GEL/ *COELENTERATA, analysis/ DRUG STABILITY/ *ENZYME INHIBITORS/ ENZYME INHIBITORS, isolation & purification/ ENZYME INHIBITORS, pharmacodynamics/ METHODS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ *SEA ANEMONES, analysis

10086. **Wussow S, Schuster R, Käding E:** Uber den Einfluss einiger Gerinnungshemmer auf die Osmolarität des Blutplasmas Z Med Labortech 17(5):278–9, 1976 **(Ger)**
*ANTICOAGULANTS, pharmacodynamics/ HUMAN/ OSMOLAR CONCENTRATION/ *PLASMA, drug effects

10087. **Wüthrich B, Clasen I:** Zur Aussagekraft des Thrombozytopenietests in der spezifischen Diagnostik der Arzneimittelallergie, insbesondere des Arzneimittelexanthems Schweiz Med Wochenschr 106(23):789–94, 5 Jun 76 (Eng. Abstr.) **(Ger)**
ASPIRIN, adverse effects/ BLOOD CELL COUNT/ BLOOD PLATELETS/ DERMATITIS MEDICAMENTOSA, diagnosis/ *DRUG HYPERSENSITIVITY, diagnosis/ ENGLISH ABSTRACT/ GOLD, adverse effects/ HUMAN/ LEUKOCYTE COUNT/ METHODS

10088. **Wynne JM, Williams GL, Ellman BA:** Gangrene of the extremities in measles. S Afr Med J 52(3):117–21, 16 Jul 77
CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ *GANGRENE, etiology/

GANGRENE, therapy/ HUMAN/ *LEG, blood supply/ MALE/ *MEASLES, complications/ TOES

10089. **Wyroba E:** Studies on the surface coat of Paramecium aurelia. II. Relationship to the immobilization antigen.
Cell Tissue Res 181(2):245–53, 11 Jul 77
ANIMAL/ *ANTIGENS/ IMMOBILIZATION/ PARAMECIUM, immunology/ *PARAMECIUM, ultrastructure/ PRONASE/ SURFACE PROPERTIES/ TRYPSIN

10090. **Wysocka K, Kiczak J, Pozorska D:** Immunokoagulopatia) (lupus anticoagulant) z ciężką skazą krwotoczną w przebiegu tocznia układowego. Wiad Lek 30(14):1129–34, 15 Jul 77 (Eng. Abstr.) **(Pol)**
ADULT/ *BLOOD COAGULATION/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGIC DIATHESIS, blood/ *HEMORRHAGIC DIATHESIS, immunology/ HUMAN/ IGG, analysis/ IGM, analysis/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ THROMBOSIS, blood

10091. **Wyss G, Stalder GA, Gyr K, et al:** Resultate der Kolonoskopien und Polypektomien der Jahre 1974 and 1975 am Kantonsspital Basel
Schweiz Med Wochenschr 107(3):68–72, 22 Jan 77 (Eng. Abstr.) **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ COLITIS, ULCERATIVE, diagnosis/ COLON, injuries/ COLONIC NEOPLASMS, diagnosis/ ENDOSCOPY, adverse effects/ *ENDOSCOPY, standards/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, etiology/ HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ INTESTINAL OBSTRUCTION, diagnosis/ INTESTINAL POLYPS, diagnosis/ *INTESTINAL POLYPS, surgery/ MALE/ MIDDLE AGE/ RUPTURE

Y

10092. **Yacobi A, Levy G:** Effect of naproxen on protein binding of warfarin in human serum.
Res Commun Chem Pathol Pharmacol 15(2):369–72, Oct 76
ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ FEMALE/ HUMAN/ IN VITRO/ *NAPHTHALENEACETIC ACIDS, pharmacodynamics/ *NAPROXEN, pharmacodynamics/ PROTEIN BINDING, drug effects/ *WARFARIN, metabolism

10093. **Yacobi A, Lampman T, Levy G:** Frequency distribution of free warfarin and free phenytoin fraction values in serum of healthy human adults. Clin Pharmacol Ther 21(3):283–6, Mar 77
ADOLESCENCE/ ADULT/ BLOOD PROTEINS, metabolism/ *DIPHENYLHYDANTOIN, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROTEIN BINDING/ SERUM ALBUMIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, blood

10094. **Yacobi A, Levy G:** Comparative pharmacokinetics of coumarin anticoagulants XXVIII: Predictive identification of rats with relatively steep serum warfarin concentration–anticoagulatnt response characteristics.
J Pharm Sci 66(1):145–6, Jan 77
ANIMAL/ BLOOD COAGULATION, drug effects/ KINETICS/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, blood/ WARFARIN, pharmacodynamics

10095. **Yacobi A, Levy G:** Protein binding of warfarin enantiomers in serum of humans and rats.
J Pharmacokinet Biopharm 5(2):123–31, Apr 77
ADULT/ AGED/ ANIMAL/ *BLOOD PROTEINS, metabolism/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROTEIN BINDING/ RATS/ STEREOISOMERS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, blood

10096. **Yacobi A, Levy G:** Comparative pharmacokinetics of coumarin anticoagulants XXI: effect of plasma protein binding on distribution kinetics of warfarin in rats.
J Pharm Sci 66(4):567–72, Apr 77
ANIMAL/ *BLOOD PROTEINS, metabolism/ COMPARATIVE STUDY/ COMPUTERS/ KINETICS/ MALE/ MODELS, BIOLOGICAL/ PROTEIN BINDING/ RATS/ TIME FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, blood

10097. **Yacobi A, Slattery JT, Levy G:** Comparative pharmacokinetics of coumarin anticoagulants XXIV: Effect of treatment with phenobarbital on serum protein binding of warfarin and dicumarol in rats.
J Pharm Sci 66(7):941–3, Jul 77
ANIMAL/ *BISHYDROXYCOUMARIN, blood/ *BLOOD PROTEINS, metabolism/ COMPARATIVE STUDY/ KINETICS/ MALE/ *PHENOBARBITAL, pharmacodynamics/ PROTEIN BINDING, drug effects/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *WARFARIN, blood

10098. **Yaffe H, Bar-On H, Eldor A, et al:** Correlation between thromboplastic activity and lecithin/sphingomyelin ratio in amniotic fluid preliminary report.
Br J Obstet Gynaecol 84(5):354–6, May 77
*AMNIOTIC FLUID, analysis/ BLOOD COAGULATION TESTS/ FEMALE/ HUMAN/ INFANT, NEWBORN/ LUNG, physiology/ *PHOSPHATIDYLCHOLINES, analysis/ PREGNANCY/ *SPHINGOMYELINS, analysis/ *THROMBOPLASTIN, physiology

10099. **Yagi K, Kuwayama H:** Preparation of myosin subfragment-1 from pig cardiac muscle myosin by chymotryptic digestion. J Biochem (Tokyo) 81(4):977–88, Apr 77
ACTIN, pharmacodynamics/ ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ CALCIUM, pharmacodynamics/ CHYMOTRYPSIN/ EDTA, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ *MYOCARDIUM/ *MYOSIN, isolation & purification/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDE FRAGMENTS, isolation & purification/ PROTEIN BINDING/ SWINE

10100. **Yagoda A, Watson RC, Gonzalez-Vitale JC, et al:** Cis-dichlorodiammineplatinum(II) in advanced bladder cancer. Cancer Treat Rep 60(7):917–23, Jul 76
AGED/ *BLADDER NEOPLASMS, drug therapy/ *CARCINOMA, EPIDERMOID, drug therapy/ *DIAMMONIUM CHLOROPLATINUM COMPOUNDS, therapeutic use/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ LEUKOPENIA, chemically induced/ MALE/ MIDDLE AGE/ PLATINUM DIAMMINODICHLORIDE, adverse effects/ *PLATINUM DIAMMINODICHLORIDE, therapeutic use/ REMISSION/ THROMBOPENIA, chemically induced/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10101. **Yakar D, Farhi R, Pavlovitz N:** [Vincristine for idiopathic thrombocytopenic purpura] Harefuah 92(9):402–3, 1 May 77 (Eng. Abstr.) **(Heb)**
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LONG TERM CARE/ *PURPURA, THROMBOPENIC, drug therapy/ REMISSION/ VINCRISTINE, administration & dosage/ *VINCRISTINE, therapeutic use

10102. **Yamada KM, Ohanian SH, Pastan I:** Cell surface protein decreases microvilli and ruffles on transformed mouse and chick cells. Cell 9(2):241–5, Oct 76
ACTIN, pharmacodynamics/ ALPHA FETOPROTEINS, pharmacodynamics/ CELL LINE/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, ultrastructure/ *CELL TRANSFORMATION, NEOPLASTIC/ COLLAGEN, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ *GLYCOPROTEINS, pharmacodynamics/ HISTONES, pharmacodynamics/ HYALURONIC ACID, pharmacodynamics/ *MEMBRANE PROTEINS, pharmacodynamics/ MYOSIN, pharmacodynamics/ POLYLYSINE, pharmacodynamics/ SERUM ALBUMIN, BOVINE, pharmacodynamics

10103. **Yamada M, Tashiro M, Yamaguchi H, et al:** The reactive site of eggplant trypsin inhibitor. J Biochem (Tokyo) 80(6):1293–7, Dec 76

ANHYDRIDES/ ARGININE/ BINDING SITES/ CARBOXYPEPTIDASES/ CYCLOHEXANONES/ DISULFIDES/ GLYOXAL/ HYDROGEN-ION CONCENTRATION/ PLANTS/ SERINE/ TRINITROBENZENESULFONIC ACID/ *TRYPSIN INHIBITORS, metabolism

10104. **Yamada S, Izuchi Y, Miyanishi E, et al:** [Determination of fibrinogen] Jpn J Clin Med 34 suppl:2380-9, 1976 (118 ref.) **(Jpn)**
ADULT/ AFIBRINOGENEMIA, blood/ AFIBRINOGENEMIA, etiology/ AGED/ CEREBROVASCULAR DISORDERS, blood/ CORONARY DISEASE, blood/ FEMALE/ *FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASMS, blood/ REVIEW

10105. **Yamada T, Higashi K, Ohsuga T, et al:** [Purification of plasminogen-free fibrinoge 'practical method in clinical laboratory' (author's transl)] Jpn J Clin Pathol 24(9):745-50, Sep 76 **(Jpn)**
*FIBRINOGEN, isolation & purification/ HUMAN/ METHODS/ PLASMINOGEN, analysis

10106. **Yamada Y, Inouye G, Tahara Y, et al:** On the chemical structure of menaquinones with the tetrahydrogenated isoprenoid side chain. Biochim Biophys Acta 486(1):195-203, 18 Jan 76
BREVIBACTERIUM, analysis/ NOCARDIACEAE, analysis/ NUCLEAR MAGNETIC RESONANCE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SPECTRUM ANALYSIS, MASS/ *VITAMIN K, analysis/ VITAMIN K, isolation & purification

10107. **Yamada Y, Inouye G, Tahara Y, et al:** The structure of the menaquinones with a tetrahydrogenated isoprenoid side-chain. Biochim Biophys Acta 488(2):280-4, 24 Aug 77
BREVIBACTERIUM/ NOCARDIACEAE/ OZONE/ SPECIES SPECIFICITY/ SPECTRUM ANALYSIS, MASS/ TERPENES/ *VITAMIN K, analogs & derivatives

10108. **Yamagata S, Takeshima K:** O-Acetylserine and O-acetylhomoserine sulfhydrylase of yeast. Further purification and characterization as a pyridoxal enzyme. J Biochem (Tokyo) 80(4):777-85, Oct 76
*CYSTEINE SYNTHASE/ CYSTEINE SYNTHASE, isolation & purification/ CYSTEINE SYNTHASE, metabolism/ DRUG STABILITY/ HOMOSERINE, analogs & derivatives/ KINETICS/ *LYASES/ LYASES, isolation & purification/ LYASES, metabolism/ MOLECULAR WEIGHT/ *MULTIENZYME COMPLEXES/ MULTIENZYME COMPLEXES, isolation & purification/ MULTIENZYME COMPLEXES, metabolism/ PROTEIN DENATURATION/ PYRIDOXAL/ *SACCHAROMYCES CEREVISIAE, enzymology/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE/ TRYPSIN/ UREA

10109. **Yamaguchi H:** Antagonistic action of lipid components of membranes from Candida albicans and various other lipids on two imidazole antimycotics, clotrimazole and miconazole. Antimicrob Agents Chemother 12(1):16-25, Jul 77
CANDIDA ALBICANS, analysis/ *CANDIDA ALBICANS, ultrastructure/ CELL MEMBRANE, analysis/ *CLOTRIMAZOLE, antagonists & inhibitors/ FATTY ACIDS, pharmacodynamics/ FATTY ALCOHOLS, pharmacodynamics/ GLYCERIDES, pharmacodynamics/ HYDROGENATION/ HYDROLYSIS/ *IMIDAZOLES, antagonists & inhibitors/ LIPIDS, isolation & purification/ *LIPIDS, pharmacodynamics/ *MEMBRANE LIPIDS, pharmacodynamics/ *MICONAZOLE, antagonists & inhibitors/ PHOSPHOLIPIDS, pharmacodynamics/ PROTOPLASTS, analysis/ PROTOPLASTS, ultrastructure/ STEROLS, pharmacodynamics/ TRYPSIN

10110. **Yamaguchi T, Konishi M, Kuto M, et al:** [Studies on serum AT III levels in various diseases (author's transl)] Acta Haematol Jpn 40(2):255-60, Apr 77 (Eng. Abstr.) **(Jpn)**
*ANTITHROMBINS, analysis/ ENGLISH ABSTRACT/ HUMAN/ *LIVER DISEASES, blood/ *NEOPLASMS, blood

10111. **Yamamoto J, Nagamatsu Y, Horie N, et al:** [Studies on a plasminogen activating system in human milk: III. Formation mechanism of plasminogen activator by SK from the aspect of molecular weight (author's transl)] Acta Haematol Jpn 39(2):158-62, APR 76 (Eng. Abstr.) **(Jpn)**
ENGLISH ABSTRACT/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ FEMALE/ HUMAN/ *MILK, HUMAN, enzymology/ MOLECULAR WEIGHT/ *PLASMINOGEN ACTIVATORS, isolation & purification/ *STREPTOKINASE

10112. **Yamamoto K, Watada M, Mishina Y:** [Pseudothrombocytopenia and the experimental evaluation for platelet counting (author's transl)] Jpn J Clin Pathol 25(1):67-72, Jan 77 **(Jpn)**
ADULT/ AGED/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ CHILD/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOPENIA, blood

10113. **Yamamoto K, Yamamoto M, Ooka H:** Cell surface changes associated with aging of chick embryo fibroblasts in culture. Exp Cell Res 108(1):87-93, Aug 77
*AGGLUTINATION/ AGGLUTINATION, drug effects/ *CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ *CELL SURVIVAL/ CELLS, CULTURED/ CONCANAVALIN A, metabolism/ *CONCANAVALIN A, pharmacodynamics/ HYALURONIDASE, pharmacodynamics/ TRYPSIN, pharmacodynamics

10114. **Yamamoto M, Imanaga H, Jimbo M, et al:** [Computerized transverse axial tomography in intracerebral, intracerebellar and intraventricular hemorrhage (author's transl)] Neurol Surg (Tokyo) 5(4):333-41, Apr 77 (Eng. Abstr.) **(Jpn)**
ADOLESCENCE/ ADULT/ AGED/ CEREBELLAR DISEASES, radiography/ CEREBRAL ANEURYSM, complications/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, radiography/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ *TOMOGRAPHY, COMPUTERIZED AXIAL

10115. **Yamamoto M, Takai Y, Hashimoto E, et al:** Intrinsic activity of guanosine 3',5'-monophosphate-dependent protein kinase similar to adenosine 3',5'-monophosphate-dependent protein kinase. I. Phosphorylation of histone fractions. J Biochem (Tokyo) 81(6):1857-62, Jun 77
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL/ ENZYME ACTIVATION/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *HISTONE KINASE, metabolism/ MAGNESIUM, pharmacodynamics/ PEPTIDE FRAGMENTS, analysis/ *PROTEIN KINASE, metabolism/ PUPA/ SILKWORMS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN

10116. **Yamanaka M:** [Problem of overlapping of collagen diseases with other related diseases or autoimmune diseases--thrombotic thrombopenic purpura--] Jpn J Clin Med 34(6):1147-53, Jun 76 (30 ref.) **(Jpn)**
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ *COLLAGEN DISEASES, complications/ DIAGNOSIS, DIFFERENTIAL/ HEMOLYTIC-UREMIC SYNDROME, diagnosis/ HUMAN/ INFANT/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ PLATELET AGGREGATION/ PURPURA, THROMBOTIC THROMBOPENIC, blood/ *PURPURA, THROMBOTIC THROMBOPENIC, complications/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ REVIEW/ SYNDROME

10117. **Yamasaki K, Ziff M:** Enhancement of in vitro immunoglobulin synthesis of human lymphocytes by lysosomal enzymes from polymorphonuclear leucocytes. Clin Exp Immunol 27(2):254-60, Feb 77

GLUCURONIDASE/ HUMAN/ *IMMUNOGLOBULINS, biosynthesis/ IN VITRO/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *LYMPHOCYTES, immunology/ LYMPHOCYTES, metabolism/ LYSOSOMES, enzymology/ *NEUTROPHILS, enzymology/ STIMULATION, CHEMICAL/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10118. **Yamasaki N, Tsujita T, Sakiyama F, et al:** Enrichment of enzyme activity on deformylation of 1-NFK-lysozyme. J Biochem (Tokyo) 80(2):409-12, Aug 76
BINDING SITES/ CHROMATOGRAPHY, AFFINITY/ EGG WHITE/ *FORMAMIDES/ KINETICS/ KYNURENINE/ *MURAMIDASE/ OZONE/ PEPTIDE FRAGMENTS, analysis/ PROTEIN BINDING/ TEMPERATURE/ TRYPSIN/ TRYPTOPHAN

10119. **Yamashita T, Sawanobori-isobe E, Mori M:** Stabilization of human serum alkaline phosphatase to histidine-induced heat inactivation by tryptic digestion. J Biochem (Tokyo) 80(1):129-34, Jul 76
ALKALINE PHOSPHATASE, antagonists & inhibitors/ *ALKALINE PHOSPHATASE, blood/ BONE AND BONES, enzymology/ EDTA, pharmacodynamics/ FEMALE/ HEAT/ *HISTIDINE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTESTINES, enzymology/ ISOENZYMES, metabolism/ LIVER, enzymology/ MAGNESIUM, pharmacodynamics/ PLACENTA, enzymology/ PREGNANCY/ *TRYPSIN

10120. **Yamato M, Sato K, Hashigaki K, et al:** Chemical structure and sweet taste of isocoumarin and related compounds. IX Chem Pharm Bull (Tokyo) 25(4):706-13, Apr 77
CHEMISTRY/ *COUMARINS/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TASTE

10121. **Yamato M, Hashigaki K, Honda E, et al:** Chemical structure and sweet taste of isocoumarin and related compounds. VII. Chem Pharm Bull (Tokyo) 25(4):695-9, Apr 77
CHEMISTRY/ *COUMARINS/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TASTE

10122. **Yamato M, Hashigaki K, Tsukioka A, et al:** Chemical structure and sweet taste of isocoumarin and related compounds. VIII. Chem Pharm Bull (Tokyo) 25(4):700-5, Apr 77
CHEMISTRY/ *COUMARINS/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TASTE

10123. **Yamazaki A, Nishimura Y, Kamihara T:** Thermostable inhibitor(s) of pyruvate dehydrogenase complex from Streptococcus faecalis. FEBS Lett 74(1):62-6, 15 Feb 77
BACTERIAL PROTEINS, isolation & purification/ *BACTERIAL PROTEINS, physiology/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, GEL/ DRUG STABILITY/ HEAT/ KINETICS/ *PYRUVATE DEHYDROGENASE COMPLEX, antagonists & inhibitors/ PYRUVATE DEHYDROGENASE COMPLEX, isolation & purification/ *STREPTOCOCCUS FAECALIS, enzymology/ STREPTOCOCCUS FAECALIS, physiology/ TRYPSIN, pharmacodynamics

10124. **Yamazaki S, Hasebe H, Takisawa H, et al:** Inhibition of muscle actomyosin ATPase activity by mitochondrial ATPase inhibitor. Biochem Biophys Res Commun 75(4):1104-10, 25 Apr 77
*ACTOMYOSIN, metabolism/ *ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL/ KINETICS/ *MITOCHONDRIA, MUSCLE, physiology/ *MUSCLE PROTEINS, physiology/ *MUSCLES, enzymology/ MYOSIN, metabolism/ RABBITS/ TRYPSIN

10125. **Yanaihara N:** [Chemistry of growth hormone] Clin Endocrinol (Tokyo) 25(2):123-30, Feb 77 (24 ref.) **(Jpn)**
AMINO ACID SEQUENCE/ BINDING SITES/ CHEMISTRY/ DISULFIDES/ FIBRINOLYSIN/ HUMAN/ PEPTIDE FRAGMENTS/ REVIEW/ *SOMATOTROPIN/ STRUCTURE-ACTIVITY RELATIONSHIP/ THROMBIN/ TRYPSIN

10126. **Yang CS:** Interactions between solubilized cytochrome P-450 and hepatic microsomes. J Biol Chem 252(1):293-8, 10 Jan 77
ANIMAL/ BINDING SITES/ COUMARINS/ *CYTOCHROME P-450, metabolism/ ETHYL ETHERS/ KINETICS/ MALE/ METHYLCHOLANTHRENE, pharmacodynamics/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, metabolism/ *OXIDOREDUCTASES, metabolism/ PHENOBARBITAL, pharmacodynamics/ PROTEIN BINDING/ RATS/ SOLUBILITY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10127. **Yang HY, Costa E, Majane EA, et al:** Phosphoprotein phosphatase of pineal gland: some properties of the enzyme and the identification of an endogenous activator. J Neurochem 28(5):1075-80, May 77
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL/ CATTLE/ DRUG STABILITY/ EDTA, pharmacodynamics/ ENZYME ACTIVATION/ EGTA, pharmacodynamics/ FLUORIDES, pharmacodynamics/ GASTRIC INHIBITORY POLYPEPTIDE, pharmacodynamics/ HEAT/ MALE/ MANGANESE, pharmacodynamics/ *PHOSPHOMONOESTERASES, metabolism/ *PINEAL BODY, enzymology/ RATS/ SOLUBILITY/ TRYPSIN, pharmacodynamics/ ZINC, pharmacodynamics

10128. **Yankee R, Sherwood G:** The role of histocompatibility in platelet and granulocyte transfusion therapy. pp. 27-42.

In: HLA typing. Washington, American Assoc. of Blood Banks, 1976. WH 460 A5136h 1976.
ANTIGENS/ ABO BLOOD-GROUP SYSTEM/ BLOOD CELL COUNT/ *BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION/ CELL SURVIVAL/ CROSS REACTIONS/ GRAFT REJECTION/ *GRANULOCYTES, immunology/ *HISTOCOMPATIBILITY/ HL-A/ HUMAN/ *LEUKOCYTES, immunology/ LEUKOPENIA, etiology/ MONOGRAPH/ PLASMAPHERESIS/ SKIN, transplantation/ THROMBOPENIA, therapy

10129. **Yannitsiotis A, Bossinakou I, Louizou C, et al:** Jaundice and hepatitis B surface antigen and antibody in Greek haemophiliacs. Scand J Haematol (30):11-5, 1977
*ANTI-AUSTRALIA ANTIGEN/ ANTI-AUSTRALIA ANTIGEN, analysis/ *ANTIBODIES/ ANTIBODIES, analysis/ BLOOD TRANSFUSION/ GREECE/ *HEMOPHILIA, complications/ *HEPATITIS B SURFACE ANTIGEN/ HEPATITIS B SURFACE ANTIGEN, analysis/ *HEPATITIS B, occurrence/ HUMAN/ *JAUNDICE, etiology/ LIVER FUNCTION TESTS

10130. **Yardimci TU, Ulutin ON:** Glucose-6-phosphate dehydrogenase activity in human platelets and its secretion. New Istanbul Contrib Clin Sci 11(3):142-7, Dec 76
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, enzymology/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ GLUCOSEPHOSPHATE DEHYDROGENASE, secretion/ HUMAN/ SECRETORY RATE, drug effects

10131. **Yarnell PR:** 'Speed': headache and hematoma. Headache 17(2):69-70, May 77
ADULT/ CASE REPORT/ *CEREBRAL HEMORRHAGE, chemically induced/ FEMALE/ *HEADACHE, chemically induced/ *HEMATOMA, chemically induced/ HUMAN/ *METHAMPHETAMINE, adverse effects

10132. **Yaron A:** Dipeptidyl carboxypeptidase from Escherichia coli. Methods Enzymol 45:599-610, 1976
CATIONS, DIVALENT/ COLORIMETRY/ *ESCHERICHIA COLI, enzymology/ GEL DIFFUSION TESTS/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ KINETICS/ MACROMOLECULAR SYSTEMS/ METHODS/

MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ POTENTIOMETRY

10133. **Yaron M, Yaron I, Herzberg M:** Thrombocyte stimulation of hyaluronic acid production and proliferation rate of human synovial fibroblasts. Scand J Rheumatol 5(4):249–50, 1976
*BLOOD PLATELETS, physiology/ CELL DIVISION/ CELLS, CULTURED/ *FIBROBLASTS, physiology/ HUMAN/ *HYALURONIC ACID, biosynthesis/ SYNOVIAL MEMBRANE, cytology/ *SYNOVIAL MEMBRANE, physiology

10134. **Yarovaya GA, Dotsenko VL, Orekhovich VN:** Effect of kininogen on the activity of the kallikreinogen–kallikrein system of human blood serum. Clin Chim Acta 78(1):85–9, 1 Jul 77
ARGININE, analogs & derivatives/ DEPRESSION, CHEMICAL/ ENZYME ACTIVATION, drug effects/ HUMAN/ IN VITRO/ KALLIKREIN, metabolism/ *KALLIKREIN, physiology/ KININOGENS, isolation & purification/ *KININOGENS, pharmacodynamics/ MOLECULAR WEIGHT/ PREKALLIKREIN, isolation & purification/ *PREKALLIKREIN, physiology/ TIME FACTORS/ TRYPSIN, pharmacodynamics

10135. **Yasin R, Skrbic TR, van Beers G, et al:** A quantitative comparison of the dissociation of adult mammalian muscle by various enzymes. Biochem Soc Trans 4(1):53–5, 1976
ANIMAL/ CLOSTRIDIOPEPTIDASE A/ COMPARATIVE STUDY/ HAMSTERS/ HYALURONIDASE/ METHODS/ *MUSCLES, cytology/ PANCREATIN/ PRONASE/ SERUM ALBUMIN, BOVINE/ TRYPSIN

10136. **Yasuda H, Bumgarner MO, Mason RG:** Lindholm blood coagulation test values of some glow-discharge polymer surfaces. Biomater Med Devices Artif Organs 4(3–4):307–21, 1976
BLOOD COAGULATION TESTS/ *BLOOD COAGULATION, drug effects/ HUMAN/ POLYETHYLENES, toxicity/ *POLYMERS, toxicity/ POLYTETRAFLUOROETHYLENE, toxicity/ SILOXANES, toxicity/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10137. **Yasukochi Y, Nakamura M, Minakami S:** Effect of cobalt on the synthesis of liver microsomal cytochromes. J Biochem (Tokyo) 81(4):1005–9, Apr 77
AMINOLEVULINIC ACID, metabolism/ ANIMAL/ *COBALT, pharmacodynamics/ CYTOCHROME P-450, biosynthesis/ *CYTOCHROMES, biosynthesis/ HEME, biosynthesis/ LEUCINE, metabolism/ MALE/ *MICROSOMES, LIVER, metabolism/ PROTEINS, biosynthesis/ RATS/ TRYPSIN

10138. **Yasukouchi T, Fujine M, Kohn S, et al:** A method for the measurement of fibrinolytic activity based on one dimensional diffusion using small glass tubes. II. With special reference to the differences between the use of plasminogen-rich fibrinogen and that of plasminogen-free fibrinogen as the substrates. Thromb Haemostas 37(3):456–63, 30 Jun 77
ANIMAL/ *BLOOD COAGULATION TESTS, methods/ CATTLE/ *FIBRINOGEN, diagnostic use/ *FIBRINOLYSIS/ HUMAN/ *PLASMINOGEN/ STREPTOKINASE/ UROKINASE

10139. **Yasunaga K:** [Present status and prospects of platelet inhibitors] Jpn J Clin Hematol 17(6):590–9, Jun 76 (31 ref.) **(Jpn)**
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADENOSINE, metabolism/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ DEPRESSION, CHEMICAL/ DRUG COMBINATIONS/ DRUG SYNERGISM/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ HUMAN/ PHOSPHODIESTERASES, antagonists & inhibitors/ PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS E, pharmacodynamics/ PROSTAGLANDINS E, therapeutic use/ REVIEW/ SEROTONIN, metabolism/ THEOPHYLLINE, pharmacodynamics/ THROMBOSIS, drug therapy

10140. **Yasunaga K:** [Determination of prothrombin] Jpn J Clin Med 34 suppl:2433–43, 1976 (38 ref.) **(Jpn)**
FEMALE/ HUMAN/ HYPOPROTHROMBINEMIAS, congenital/ HYPOPROTHROMBINEMIAS, etiology/ INFANT, NEWBORN/ MALE/ METHODS/ MIDDLE AGE/ PROTHROMBIN TIME/ *PROTHROMBIN, analysis/ REVIEW/ THROMBOPLASTIN, analysis/ VITAMIN K DEFICIENCY, complications

10141. **Yasunaga K:** [Morphology and metabolism of the blood platelet. Introduction] Acta Haematol Jpn 39(5):619–22, Oct 76 **(Jpn)**
*BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ ENERGY METABOLISM

10142. **Yates AJ, Harvie A, Lowe G, et al:** Mandril-grown graft for vascular access in Christmas disease. Br Med J 2(6044):1108–9, 6 Nov 76
ADULT/ *ARTERIOVENOUS SHUNT, SURGICAL/ BLOOD VESSEL PROSTHESIS/ BRACHIAL ARTERY/ CASE REPORT/ *CHRISTMAS DISEASE, therapy/ *FACTOR IX, administration & dosage/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ METHODS/ THROMBOPHLEBITIS, complications

10143. **Yeagle PL, Langdon RG, Martin RB:** Phospholipid–protein interactions in human low density lipoprotein detected by 31P nuclear magnetic resonance. Biochemistry 16(15):3487–91, 26 Jul 77
APOLIPOPROTEINS, blood/ HUMAN/ IMMUNOELECTROPHORESIS/ *LIPOPROTEINS, LDL/ LIPOPROTEINS, LDL, blood/ NUCLEAR MAGNETIC RESONANCE/ PEPTIDE FRAGMENTS, analysis/ PHOSPHOLIPIDS, blood/ PROTEIN BINDING/ PROTEIN CONFORMATION/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

10144. **Yeatman GW, Shaw C, Barlow MJ, et al:** Pseudobattering in Vietnamese children. Pediatrics 58(4):616–8, Oct 76
*CHILD ABUSE/ CHILD/ FOLK MEDICINE/ HUMAN/ *PURPURA, diagnosis/ UNITED STATES/ VIETNAM

10145. **Yefenof E, Klein G, Kvarnung K:** Relationships between complement activation, complement binding, and EBV absorption by human hematopoietic cell lines. Cell Immunol 31(2):225–33, 15 Jun 77
BINDING SITES/ *BURKITT'S LYMPHOMA VIRUS/ CELL LINE/ CELL MEMBRANE, immunology/ CELL MEMBRANE, metabolism/ COMPARATIVE STUDY/ COMPLEMENT 3, metabolism/ *COMPLEMENT/ COMPLEMENT, metabolism/ ERYTHROCYTES, immunology/ FLUORESCENT ANTIBODY TECHNIC/ IMMUNOLOGIC TECHNICS/ LYMPHOMA, immunology/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10146. **Yeh HC, Wolf BS:** Ultrasonography in ascites. Radiology 124(3):783–90, Sep 77
ABSCESS, diagnosis/ ADULT/ *ASCITES, diagnosis/ CYSTADENOCARCINOMA, diagnosis/ CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEART FAILURE, CONGESTIVE, diagnosis/ HEMATOMA, diagnosis/ HUMAN/ LIVER DISEASES, diagnosis/ LYMPH/ MESOTHELIOMA, diagnosis/ OVARIAN DISEASES, diagnosis/ OVARIAN NEOPLASMS, diagnosis/ PANCREATIC NEOPLASMS, diagnosis/ PELVIS/ PERITONEAL NEOPLASMS, diagnosis/ *ULTRASONICS, diagnostic use

10147. **Yen JT, Jensen AH, Simon J:** Effect of dietary raw soybean and soybean trypsin inhibitor on trypsin and chymotrypsin activities in the pancreas and in small intestinal juice of growing swine. J Nutr 107(1):156–65, Jan 77
ANIMAL/ BODY WEIGHT/ *CHYMOTRYPSIN,

metabolism/ DIET/ FEEDING BEHAVIOR, physiology/ *INTESTINAL SECRETIONS, enzymology/ INTESTINE, SMALL, enzymology/ MALE/ ORGAN WEIGHT/ *PANCREAS, enzymology/ *SOY BEANS/ STOMACH, metabolism/ SWINE/ *TRYPSIN INHIBITOR, KUNITZ SOYBEAN, pharmacodynamics/ *TRYPSIN INHIBITORS, pharmacodynamics/ *TRYPSIN, metabolism

10148. **Yen TT, Allan JA, Pearson DV, et al:** Dissociation of obesity, hypercholesterolemia and diabetes from atherosclerosis in ob/ob mice. Experientia 33(8):995–6, 15 Aug 77
ANIMAL/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ DIET, ATHEROGENIC/ *HYPERCHOLESTEREMIA, complications/ MALE/ MICE/ MICE, OBESE/ *OBESITY IN DIABETES, complications

10149. **Ygge J:** Akut heparinbehandling--standarddos eller dosering efter individuell känslighet Lakartidningen 74(10):921–4, 9 Mar 77 (Eng. Abstr.) **(Swe)**
AGED/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ MALE/ *THROMBOPHLEBITIS, drug therapy

10150. **Yin ET, Tangen O:** Heparin, heparinoids and blood coagulation. pp. 121–4.
In: Kakker VV, Thomas DP, ed. Hepartin: chemistry and clinical usage. London, Academic Press, 1976. QV 193 I604h 1975.
*BLOOD COAGULATION, drug effects/ *DEXTRAN, analogs & derivatives/ DEXTRAN, pharmacodynamics/ DRUG SYNERGISM/ *FACTOR X, antagonists & inhibitors/ HEPARIN, pharmacodynamics/ *HEPARINOID, pharmacodynamics/ MONOGRAPH

10151. **Yoda Y, Nagasawa T, Kawada K, et al:** Effect of prednisolone on megakaryocytopoiesis in mice. Acta Haematol Jpn 40(1):141–6, Feb 77
ANIMAL/ BLOOD CELL COUNT/ BLOOD PLATELETS/ FEMALE/ HEMATOPOIESIS/ MALE/ *MEGAKARYOCYTES, drug effects/ MICE/ *PREDNISOLONE, therapeutic use/ *THROMBOPENIA, drug therapy

10152. **Yokosawa H, Ishii S:** The effective use of immobilized anhydrotrypsin for the isolation of biologically active peptides containing L-arginine residues in C-termini. Biochem Biophys Res Commun 72(4):1443–9, 18 Oct 76
AMINO ACID SEQUENCE/ ARGININE/ BRADYKININ, isolation & purification/ CHROMATOGRAPHY, AFFINITY, methods/ *ENZYMES, IMMOBILIZED/ *PEPTIDES, isolation & purification/ SEPHAROSE/ *TRYPSIN/ TUFTSIN

10153. **Yokosawa H, Ishii S:** Anhydrotrypsin: new features in ligand interactions revealed by affinity chromatography and thionine replacement. J Biochem (Tokyo) 81(3):647–56, Mar 77
CHROMATOGRAPHY, AFFINITY/ DYES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIGANDS/ METHANESULFONATES/ PHENOTHIAZINES/ PROTEIN BINDING/ SPECTROPHOTOMETRY/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN/ TRYPSIN, isolation & purification/ TRYPSIN, metabolism

10154. **Yokosawa H, Ishii S:** Anhydrotrypsin and trypsin: subtle difference in the active-site conformations detected by chemical modification and CD spectroscopy.
J Biochem (Tokyo) 81(3):657–63, Mar 77
BINDING SITES/ CATTLE/ CIRCULAR DICHROISM/ GUANIDINES/ HISTIDINE/ IODOACETAMIDE/ KINETICS/ PROTEIN BINDING/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STREPTOMYCES GRISEUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ TOSYLLYSINE CHLOROMETHYL KETONE, pharmacodynamics/ *TRYPSIN/ TRYPSIN, metabolism

10155. **Yonce LR, Iatridis PG, Joyner WL:** Thrombin-induced vasodilation in the hindlimb (dog). Blood Vessels 14(3):129–40, May 77
ACETYLCHOLINE, pharmacodynamics/ ANIMAL/ ATROPINE, pharmacodynamics/ COMPARATIVE STUDY/ DOGS/ FEMALE/ HINDLIMB, blood supply/ HISTAMINE H1 RECEPTOR BLOCKADERS, pharmacodynamics/ INJECTIONS, INTRA-ARTERIAL/ ISOPROTERENOL, pharmacodynamics/ MALE/ METHYSERGIDE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ RECEPTORS, ADRENERGIC, BETA, drug effects/ RECEPTORS, CHOLINERGIC, drug effects/ SEROTONIN, antagonists & inhibitors/ THROMBIN, administration & dosage/ *THROMBIN, pharmacodynamics/ *VASOMOTOR SYSTEM, drug effects

10156. **Yorifuji T, Jeng IM, Barker HA:** Purification and properties of 3-keto-5-aminohexanoate cleavage enzyme from a lysine-fermenting Clostridium. J Biol Chem 252(1):20–31, 10 Jan 77
AMINOCAPROIC ACIDS/ *CLOSTRIDIUM, enzymology/ COBALT, pharmacodynamics/ DRUG STABILITY/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ *KETOACID-LYASES/ KETOACID-LYASES, isolation & purification/ KETOACID-LYASES, metabolism/ KINETICS/ *LYSINE, metabolism/ MANGANESE, pharmacodynamics/ MOLECULAR WEIGHT/ PHOSPHATES, pharmacodynamics/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFHYDRYL REAGENTS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10157. **Yorke AJ, Mant MJ:** Factor VII deficiency and surgery. Is preoperative replacement therapy necessary? JAMA 238(5):424–5, 1 Aug 77
ADOLESCENCE/ CASE REPORT/ FEMALE/ *HEMOSTASIS/ HEMOSTASIS, SURGICAL/ HUMAN/ *HYPOPROCONVERTINEMIA, complications/ MENORRHAGIA, surgery/ PLASMA SUBSTITUTES, administration & dosage/ PREOPERATIVE CARE/ *SURGERY, OPERATIVE

10158. **Yoshida A, Ewing C, Wessels M, et al:** Molecular abnormality of PI S variant of human alpha1-antitrypsin. Am J Hum Genet 29(3):233–9, May 77
*ALPHA 1-ANTITRYPSIN/ ALPHA 1-ANTITRYPSIN, isolation & purification/ ALPHA 1-ANTITRYPSIN, metabolism/ AMINO ACID SEQUENCE/ ELECTROPHORESIS/ HUMAN/ MOLECULAR CONFORMATION/ TRYPSIN, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VARIATION (GENETICS)

10159. **Yoshida C, Yoshikawa M, Takagi T:** Near-UV circular dichroism of trypsin inhibitor of adzuki beans attributable to disulfide groups. J Biochem (Tokyo) 80(3):449–54, Sep 76
CIRCULAR DICHROISM/ *DISULFIDES/ GLUTATHIONE/ HYDROGEN-ION CONCENTRATION/ PLANTS/ *TRYPSIN INHIBITORS

10160. **Yoshida K, Tsuboi T, Fujitani B, et al:** Effect of high cholesterol diet on platelet aggregation in guinea pigs. J Nutr Sci Vitaminol (Tokyo) 23(2):101–13, 1977
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, metabolism/ CHOLESTEROL, blood/ *CHOLESTEROL, DIETARY/ FATTY ACIDS, NONESTERIFIED, blood/ GUINEA PIGS/ *LIPIDS, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, LDL, pharmacodynamics/ MALE/ PHOSPHOLIPIDS, blood/ *PLATELET AGGREGATION, drug effects

10161. **Yoshida M:** [Endotoxic responses of various cells (author's transl)] Protein Nucleic Acid Enzyme (Tokyo) Suppl:255–68, Nov 76 (112 ref.) **(Jpn)**
BLOOD PLATELETS, drug effects/ BLOOD VESSELS, cytology/ BLOOD VESSELS, drug effects/ DOGS/ *ENDOTOXINS, pharmacodynamics/ GLYCOGEN, metabolism/ GRANULOCYTES, drug effects/

GRANULOCYTES, metabolism/ HEMATOPOIETIC STEM CELLS, drug effects/ HUMAN/ KININS, biosynthesis/ LIVER, cytology/ LIVER, drug effects/ MACROPHAGES, drug effects/ MACROPHAGES, metabolism/ MICE/ PLATELET AGGREGATION/ RABBITS/ REVIEW

10162. **Yoshida N, Aoki N:** Potentiation by collagen or epinephrine of platelet responsiveness to aggregation. The possible role of substance(s) released from platelet membranes. J Lab Clin Med 89(3):603–14, Mar 77
ARACHIDONIC ACIDS/ BLOOD PLATELETS, metabolism/ CELL MEMBRANE, metabolism/ *COLLAGEN, pharmacodynamics/ DRUG SYNERGISM/ *EPINEPHRINE, pharmacodynamics/ IN VITRO/ MALONDIALDEHYDE, biosynthesis/ *PLATELET AGGREGATION, drug effects/ PROSTAGLANDINS F, biosynthesis

10163. **Yoshida N, Tachiya K, Moroi M, et al:** [Effects of alpha2-macroglobulin and FDP on the antithrombin III assay system (author's transl)] Acta Haematol Jpn 40(2):197–201, Apr 77 (Eng. Abstr.) **(Jpn)**
*ALPHA MACROGLOBULINS, pharmacodynamics/ *ANTITHROMBINS, analysis/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ *FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, pharmacodynamics/ HUMAN

10164. **Yoshii Y, Maki Y, Tomono Y, et al:** [Cerebellar hemangioblastoma with multiple aneurysms] Brain Nerv 28(7):703–8, Jul 76 (Eng. Abstr.) **(Jpn)**
CASE REPORT/ *CEREBELLAR DISEASES, complications/ *CEREBELLAR NEOPLASMS, complications/ CEREBELLAR NEOPLASMS, pathology/ *CEREBRAL ANEURYSM, complications/ CEREBRAL ANGIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ MIDDLE AGE

10165. **Yoshimoto T, Orlowski RC, Walter R:** Postproline cleaving enzyme: identification as serine protease using active site specific inhibitors. Biochemistry 16(13):2942–8, 28 Jun 77
BINDING SITES/ BINDING, COMPETITIVE/ ESTERASES, metabolism/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ *KIDNEY, enzymology/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROLINE/ SHEEP/ STRUCTURE-ACTIVITY RELATIONSHIP/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10166. **Yoshimoto T, Yamamoto S, Okuma M, et al:** Solubilization and resolution of thromboxane synthesizing system from microsomes of bovine blood platelets. J Biol Chem 252(16):5871–4, 25 Aug 77
ANIMAL/ ARACHIDONIC ACIDS, blood/ *BLOOD PLATELETS, metabolism/ CATTLE/ HYDROXY ACIDS, biosynthesis/ *MICROSOMES, metabolism/ *OXIDOREDUCTASES/ OXIDOREDUCTASES, blood/ OXIDOREDUCTASES, isolation & purification/ PLATELET AGGREGATION/ PROSTAGLANDINS, blood/ PYRANS, biosynthesis/ SOLUBILITY/ TRITONS

10167. **Yoshinaka Y, Luftig RB:** Partial characterization of a P70 proteolytic factor that is present in purified virions of Rauscher leukemia virus (RLV). Biochem Biophys Res Commun 76(1):54–63, 9 May 77
AMINO ACIDS, metabolism/ DITHIOTHREITOL, pharmacodynamics/ MANGANESE, pharmacodynamics/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, metabolism/ *RAUSCHER VIRUS, metabolism/ TOSYLLYSINE CHLOROMETHYL KETONE, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *VIRAL PROTEINS, metabolism

10168. **Yoshino H:** The role of tryptophanyl residues in heavy meromyosin as studied by chemical modification with 2-hydroxy-5-nitrobenzyl bromide. J Biochem (Tokyo) 80(5):1117–28, Nov 76
ADENOSINE DIPHOSPHATE/ ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE/ MACROMOLECULAR SYSTEMS/ MAGNESIUM, pharmacodynamics/ MANGANESE, pharmacodynamics/ *MEROMYOSINS/ PHOSPHATES, metabolism/ POTASSIUM CHLORIDE, pharmacodynamics/ PROTEIN BINDING/ PYROPHOSPHATES/ TRYPSIN/ *TRYPTOPHAN/ 2-HYDROXY-5-NITROBENZYL BROMIDE

10169. **Yoshioka A, Fujimura Y, Yoshioka K, et al:** [Hemostatic management for tonsillectomy in a hemophiliac (author's transl)] Jpn J Clin Hematol 17(7):788–96, Jul 76 (Eng. Abstr.) **(Jpn)**
CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ *HEMOPHILIA/ *HEMOSTASIS, SURGICAL, methods/ HUMAN/ MALE/ *TONSILLECTOMY

10170. **Yotis W:** Effects of diethylstilbestrol on the production of various extracellular products of Staphylococcus aureus. Experientia 33(3):325–6, 15 Mar 77
BACTERIAL TOXINS, biosynthesis/ COAGULASE, biosynthesis/ DEOXYRIBONUCLEASE, biosynthesis/ *DIETHYLSTILBESTROL, pharmacodynamics/ PENICILLINASE, biosynthesis/ STAPHYLOCOCCUS AUREUS, drug effects/ *STAPHYLOCOCCUS AUREUS, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10171. **Youinou P, Masse R, Fauchier C, et al:** Insuffisance rénale au cours des phacomatoses Nouv Presse Med 5(29):1835, 11 Sep 76 **(Fre)**
ADULT/ CASE REPORT/ FEMALE/ HEMANGIOMA, complications/ HUMAN/ *KIDNEY FAILURE, ACUTE, etiology/ KIDNEY NEOPLASMS, complications/ KIDNEY, POLYCYSTIC, complications/ LIPOMA, complications/ *TUBEROUS SCLEROSIS, complications

10172. **Youinou P, Masse R, Fauchier C, et al:** Insuffisance rénale avec image angiographique d'angioléiomyolipome dans une sclérose tubéreuse de bourneville Ann Dermatol Venereol 104(3):243–5, Mar 77 **(Fre)**
*HEMANGIOMA, radiography/ HUMAN/ *KIDNEY FAILURE, ACUTE, radiography/ *LEIOMYOMA, radiography/ *TUBEROUS SCLEROSIS, radiography

10173. **Young AE, Couch NP:** Deep venous thrombosis [letter] JAMA 238(14):1502, 3 Oct 77
COMPARATIVE STUDY/ FIBRINOGEN, diagnostic use/ HUMAN/ PHLEBOGRAPHY, methods/ PLETHYSMOGRAPHY, IMPEDANCE/ *THROMBOPHLEBITIS, diagnosis

10174. **Young DF, Cholvin NR, Kirkeeide RL, et al:** Hemodynamics of arterial stenoses at elevated flow rates. Circ Res 41(1):99–107, Jul 77
ACETYLCHOLINE, administration & dosage/ ANIMAL/ *ARTERIAL OCCLUSIVE DISEASES, physiopathology/ BLOOD PRESSURE, drug effects/ BLOOD VISCOSITY/ CAROTID ARTERIES, physiopathology/ DOGS/ FEMORAL ARTERY, physiopathology/ *HEMODYNAMICS/ HEMODYNAMICS, drug effects/ *RHEOLOGY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VASCULAR RESISTANCE, drug effects

10175. **Young JR:** The swollen leg. Am Fam Physician 15(1):163–73, Jan 77
ARTERIOVENOUS FISTULA, complications/ CELLULITIS, complications/ CELLULITIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ EDEMA, chemically induced/ EDEMA, diagnosis/ *EDEMA, etiology/ FEMALE/ HUMAN/ ISCHEMIA, complications/ KLIPPEL-TRENAUNAY DISEASE, complications/ LEG DERMATOSES, complications/ *LEG/ LEG, blood supply/ LYMPHEDEMA, diagnosis/ LYMPHEDEMA, etiology/ MALE/ MYXEDEMA, complications/ RUPTURE, SPONTANEOUS/ SYNOVIAL CYST, complications/ THROMBOPHLEBITIS, complications/ VENOUS INSUFFICIENCY, complications

10176. **Young MR, Norris JW:** Femoral neuropathy during anticoagulant therapy. Neurology (Minneap) 26(12):1173–5, Dec 76
ADULT/ AGED/ *ANTICOAGULANTS, adverse effects/ CASE REPORT/ FEMALE/ *FEMORAL NERVE/ HEMATOMA, chemically induced/ HUMAN/ MALE/ MIDDLE AGE/ *NERVE COMPRESSION SYNDROMES, chemically induced/ PROGNOSIS

10177. **Young RA:** The applications and techniques of cell electrophoresis and the Zeiss rectangular chamber cytopherometer. Biomed Eng 11(11):373–7, Nov 76
BLOOD PLATELETS, physiology/ CELL MOVEMENT/ ELECTRODES/ ELECTROPHORESIS, instrumentation/ *ELECTROPHORESIS, methods/ SURFACE PROPERTIES/ TEMPERATURE

10178. **Younger RK, Curtis JJ, Butts WH, et al:** Protective effects of ileal bypass versus administration of clofibrate on experimental hypercholesterolemia and atherosclerosis in monkeys. South Med J 69(9):1141–2, 1145, Sep 76
ANIMAL/ *ARTERIOSCLEROSIS, prevention & control/ ATHEROSCLEROSIS, pathology/ *ATHEROSCLEROSIS, prevention & control/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ *CLOFIBRATE, therapeutic use/ DIET, ATHEROGENIC/ *DISEASE MODELS, ANIMAL/ DOGS/ *HYPERCHOLESTEREMIA, prevention & control/ *ILEUM, surgery/ MONKEYS/ RABBITS/ RHESUS MONKEYS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10179. **Younoszai MK, Ziegler EE, Fomon SJ:** Nutritional principles in management of infants and small children with gastrointestinal disorders. Clin Gastroenterol 6(2):321–40, May 77
ALKALINE PHOSPHATASE, blood/ BLOOD UREA NITROGEN/ BODY HEIGHT/ BODY WEIGHT/ CEPHALOMETRY/ *CHILD NUTRITION/ CHILD, PRESCHOOL/ FEMALE/ *GASTROINTESTINAL DISEASES, diet therapy/ GASTROINTESTINAL SYSTEM, physiology/ HUMAN/ *INFANT NUTRITION/ INFANT/ MALE/ NUTRITION DISORDERS, diagnosis/ PHOSPHORUS, blood/ SERUM ALBUMIN, analysis/ VITAMIN A, blood/ VITAMIN D DEFICIENCY, diagnosis/ VITAMIN E, blood/ VITAMIN K DEFICIENCY, diagnosis/ WRIST, radiography

10180. **Yrios JW:** Comparison of rabbit and pig plasma in the tube coagulase test. J Clin Microbiol 5(2):221–4, Feb 77
ANAEROBIOSIS/ BLOOD COAGULATION/ *COAGULASE, biosynthesis/ COMPARATIVE STUDY/ FERMENTATION/ GLUCOSE, metabolism/ MANNITOL, metabolism/ *MICROCOCCACEAE, classification/ MICROCOCCACEAE, metabolism/ MICROCOCCAL NUCLEASE, biosynthesis/ *PLASMA, physiology/ RABBITS/ STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, metabolism/ SWINE

10181. **Yu SD, Gan JC:** The role of sialic acid and galactose residues in determining the survival of human plasma alpha-antitrypsin in the blood circulation. Arch Biochem Biophys 179(2):477–85, Mar 77
*ALPHA 1-ANTITRYPSIN/ ALPHA 1-ANTITRYPSIN, metabolism/ CARBOHYDRATES, analysis/ CHYMOTRYPSIN, antagonists & inhibitors/ DRUG STABILITY/ *GALACTOSEMIA/ GEL DIFFUSION TESTS/ HALF-LIFE/ HUMAN/ KIDNEY, metabolism/ KINETICS/ LIVER, metabolism/ LUNG, metabolism/ NEURAMINIDASE/ ORGAN SPECIFICITY/ *SIALIC ACIDS/ SIALIC ACIDS, blood/ TRYPSIN INHIBITORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10182. **Yu SK, Latour JG:** Potentiation by alpha and inhibition by beta-adrenergic stimulations of rat platelet aggregation. A comparative study with human and rabbit platelets. Thromb Haemostas 37(3):413–22, 30 Jun 77
ADENOSINE DIPHOSPHATE/ ANIMAL/ COLLAGEN/ COMPARATIVE STUDY/ DRUG ANTAGONISM/ DRUG SYNERGISM/ *EPINEPHRINE, pharmacodynamics/ HUMAN/ ISOPROTERENOL, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ *PLATELET AGGREGATION, drug effects/ *PROPRANOLOL, pharmacodynamics/ RABBITS/ THROMBIN

10183. **Yue RH, Gertler MM, Starr T, et al:** Alteration of plasma antithrombin III levels in ischemic heart disease. Thromb Haemostas 35(3):598–606, 30 Jun 76
ACUTE DISEASE/ *ANTITHROMBINS, analysis/ BLOOD COAGULATION TESTS/ *CORONARY DISEASE, blood/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ THROMBOPLASTIN

10184. **Yue RH, Gertler MM:** Isolation of the high molecular form of bovine factor X and some of its physical properties. Biochim Biophys Acta 490(2):350–62, 22 Feb 77
ANIMAL/ CATTLE/ CHROMATOGRAPHY, GEL/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR X/ FACTOR X, isolation & purification/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ SNAKE VENOMS/ ULTRACENTRIFUGATION/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10185. **Yung YP, Cudkowicz G:** Abrogation of resistance to foreign bone marrow grafts by carrageenans. II. Studies with the anti-macrophage agents iota, kappa, and lambda-carrageenans. J Immunol 119(4):1310–5, Oct 77
ANIMAL/ ANTILYMPHOCYTE SERUM/ *BONE MARROW CELLS, transplantation/ *CARRAGEENAN/ CHIMERA/ ELLAGIC ACID, pharmacodynamics/ FEMALE/ *GRAFT REJECTION, drug effects/ GRAFT REJECTION, radiation effects/ HEPARIN, pharmacodynamics/ *MACROPHAGES, drug effects/ MALE/ MICE/ POLYVINYLPYRIDINE N-OXIDE, pharmacodynamics/ SNAKE VENOMS, pharmacodynamics/ SPLEEN, cytology/ TRANSPLANTATION, HOMOLOGOUS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10186. **Yunis AA, Arimura GK, Russin DJ:** Human pancreatic carcinoma (MIA PaCa-2) in continuous culture: sensitivity to asparaginase. Int J Cancer 19(1):218–35, Jan 77
AGED/ ANEUPLOIDY/ *ASPARAGINASE, pharmacodynamics/ CARMUSTINE, pharmacodynamics/ CELL DIVISION, drug effects/ CELL LINE/ CELLS, CULTURED/ CYTARABINE, pharmacodynamics/ FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ *PANCREATIC NEOPLASMS/ PANCREATIC NEOPLASMS, familial & genetic/ PLASMINOGEN, biosynthesis/ VINCRISTINE, pharmacodynamics

10187. **Yurt RW, Leid RW Jr, Austen KF:** Native heparin from rat peritoneal mast cells. J Biol Chem 252(2):518–21, 25 Jan 77
ANIMAL/ CHROMATOGRAPHY, GEL/ FEMALE/ *HEPARIN/ HEPARIN, biosynthesis/ HEPARIN, isolation & purification/ MALE/ *MAST CELLS, metabolism/ MOLECULAR WEIGHT/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10188. **Yurt RW, Leid RW Jr, Spragg J, et al:** Immunologic release of heparin from purified rat peritoneal mast cells. J Immunol 118(4):1201–7, Apr 77
A-23187, immunology/ ANIMAL/ ANTIBODIES/ HEPARIN, metabolism/ *HEPARIN, secretion/ IGE/ IMMUNOGLOBULINS, FAB/ IN VITRO/ MAST CELLS, immunology/ MAST CELLS, metabolism/ *MAST CELLS, secretion/ MOLECULAR WEIGHT/ *PERITONEAL CAVITY, cytology/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

Z

10189. **Zacharski LR, Rosenstein R:** Comparison of the reaction-rate and clot-density methods for determination of plasma fibrinogen. Am J Clin Pathol 68(1):45–52, Jul 77
BLOOD COAGULATION/ COMPARATIVE

STUDY/ ECONOMICS, MEDICAL/ *FIBRINOGEN, analysis/ HUMAN/ INDICATORS AND REAGENTS/ METHODS/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

10190. **Zacharski LR, Rosenstein R:** Further comments on the failure of collagen to activate factor XIII [letter] Thromb Res 10(5):771-2, May 77
BLOOD COAGULATION, drug effects/ *COLLAGEN, pharmacodynamics/ *FACTOR XII/ HUMAN

10191. **Zackroff RV, Rosenfeld AC, Weisenberg RC:** Effects of RNase and RNA on in vitro aster assembly. J Supramol Struct 5(4):577(429)589(441), 1976
ANIMAL/ CLAMS/ FEMALE/ *MEIOSIS/ MICROTUBULES, drug effects/ OOCYTES, cytology/ *OOCYTES, drug effects/ OOCYTES, ultrastructure/ ORGANOIDS, drug effects/ ORGANOIDS, ultrastructure/ *OVUM, drug effects/ POLY G, pharmacodynamics/ PROTAMINES, pharmacodynamics/ *RIBONUCLEASE, pharmacodynamics/ *RNA, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

10192. **Zador G:** Estrogens and thromboembolic diseases. Present conception of a controversial issue. Acta Obstet Gynecol Scand [Suppl] (54 Suppl):13-28, 1976 (64 ref.)
ABORTION/ *CONTRACEPTIVES, ORAL, adverse effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTROGENS, administration & dosage/ *ESTROGENS, adverse effects/ FEMALE/ HUMAN/ PREGNANCY/ PROSPECTIVE STUDIES/ REVIEW/ SWEDEN/ *THROMBOEMBOLISM, chemically induced/ THROMBOEMBOLISM, mortality/ THROMBOPHLEBITIS, chemically induced

10193. **Zaentz SD, Luna JA, Baker AS, et al:** Detection of cytotoxic antibody to erythroblasts. J Lab Clin Med 89(4):851-60, Apr 77
ANIMAL/ *ANTIBODIES/ COMPLEMENT/ *CYTOTOXICITY TESTS, IMMUNOLOGIC, methods/ *ERYTHROBLASTS, immunology/ *ERYTHROCYTES, immunology/ GLUTATHIONE, pharmacodynamics/ IGG/ NEURAMINIDASE, pharmacodynamics/ TRYPAN BLUE, diagnostic use/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ UNITED STATES GOVERNMENT SUPPORTED, NON-N.I.H.

10194. **Zaets TL, Koriakina IK, Komkina TI, et al:** Izuchenie toksichnosti i proteoliza u krys-gnotobiotov pri termicheskikh ozhogakh Biull Eksp Biol Med 82(12):1444-6, Dec 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ BURNS, blood/ *BURNS, metabolism/ CATHEPSIN, metabolism/ ENGLISH ABSTRACT/ *GERM-FREE LIFE/ LEUCINE AMINOPEPTIDASE, metabolism/ ORGAN SPECIFICITY/ *PEPTIDE HYDROLASES, metabolism/ RATS/ *TOXINS, analysis

10195. **Zagrebina VA, Iarmonenko SS:** Eksperimental'no-klinicheskie izucheniia mekhanizma gemostaticheskogo éffekta mestnoĭ gipotermii pri ginekologicheskikh operatsiiakh Akush Ginekol (Mosk) (7):51-4, Jul 76 (Eng. Abstr.) **(Rus)**
ADULT/ ANIMAL/ COMPARATIVE STUDY/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC DISEASES, surgery/ HEMODYNAMICS/ *HEMOSTASIS/ HUMAN/ *HYPOTHERMIA, INDUCED/ HYSTERECTOMY/ LEIOMYOMA, surgery/ MIDDLE AGE/ PELVIS, blood supply/ UTERINE NEOPLASMS, surgery/ UTERUS, blood supply/ UTERUS, surgery

10196. **Zahavi J:** Editorial: Acquired 'storage pool disease' of platelets. Thromb Haemostas 35(3):501-7, 30 Jun 76
ADENINE NUCLEOTIDES/ ADENOSINE DIPHOSPHATE/ *BLOOD PLATELET DISORDERS/ PLATELET ADHESIVENESS

10197. **Zahavi J:** Hyperaggregability of platelets in thromboembolic disorders [letter]. Thromb Haemostas 36(2):479-82, 30 Nov 76
HUMAN/ MYOCARDIAL INFARCT, blood/ *PLATELET AGGREGATION/ *THROMBOEMBOLISM, blood/ TIME FACTORS

10198. **Zahler WL, Polakoski KL:** Benzamidine as an inhibitor of proacrosin activation in bull sperm. Biochim Biophys Acta 480(2):461-8, 9 Feb 77
*ACROSIN, metabolism/ ACROSOME, enzymology/ *AMIDINES, pharmacodynamics/ ANIMAL/ *BENZAMIDINES, pharmacodynamics/ CATTLE/ COMPARATIVE STUDY/ ENZYME ACTIVATION/ ENZYME PRECURSORS, metabolism/ HYDROGEN-ION CONCENTRATION/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *SPERMATOZOA, enzymology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10199. **Záhoř Z, Czabanová V:** Experimental atherosclerosis of the heart valves in rats following a long-term atherogenic regimen Atherosclerosis 27(1):49-57, May 77
ANIMAL/ AORTA, THORACIC, pathology/ AORTIC VALVE, pathology/ ATHEROMA, pathology/ *CORONARY DISEASE, pathology/ CORONARY VESSELS, pathology/ *DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ ENDOCARDIUM, pathology/ FATTY STREAK, ARTERIAL, pathology/ FEMALE/ *HEART VALVES, pathology/ MALE/ MITRAL VALVE, pathology/ MYOCARDIUM, pathology/ RATS

10200. **Zahradnik HP, Steiner H, Hillemanns HG, et al:** Prostaglandin-F2alpha-und 15-Methyl-Prostaglandin-F2alpha-Anwendung bei massiven uterinen Blutungen. Geburtshilfe Frauenheilkd 37(6):493-5, Jun 77 (Eng. Abstr.) **(Ger)**
ADMINISTRATION, TOPICAL/ ADOLESCENCE/ ADULT/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGE, POSTPARTUM, drug therapy/ HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ INJECTIONS, INTRAVENOUS/ LABOR COMPLICATIONS, etiology/ PREGNANCY/ PROSTAGLANDINS F, administration & dosage/ *PROSTAGLANDINS F, therapeutic use

10201. **Zaikova MV, Koroleva EV:** Characteristics and results of primary plastic operations performed by neoplasms of eyelids and orbit. Acta Chir Plast (Praha) 19(1):21-9, 1977
ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ CHILD/ EYELID DISEASES, surgery/ *EYELID NEOPLASMS, surgery/ *EYELIDS, surgery/ FEMALE/ HEMANGIOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ NEUROFIBROMA, surgery/ NEVUS, surgery/ ORBITAL NEOPLASMS, surgery/ *SURGERY, PLASTIC/ XANTHOMATOSIS, surgery

10202. **Zajdel M, Węgrzynowicz Z, Sawecka J, et al:** Stafylokoagulaza i stafylotrombina Postepy Hig Med Dosw 31(1):17-31, Jan - Feb 77 (77 ref.) (Eng. Abstr.) **(Pol)**
ANIMAL/ BLOOD COAGULATION, drug effects/ CATTLE/ *COAGULASE, blood/ COAGULASE, isolation & purification/ COAGULASE, pharmacodynamics/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, enzymology/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ *PROTHROMBIN/ RABBITS/ REVIEW

10203. **Zajgner J, Haftek J, Kołodziej M:** Diagnostyka naczyniaków rdzenia kręgowego Pol Przegl Radiol 41(1):33-7, Jan-Feb 77 **(Pol)**
ANGIOGRAPHY/ CASE REPORT/ FEMALE/ *HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ *SPINAL CORD NEOPLASMS, radiography/ SPINAL CORD, blood supply

10204. **Zajtchuk R, Collins GJ, Holley PW, et al:** Coagulation factors influencing thrombosis of aorta-coronary bypass grafts. J Thorac Cardiovasc Surg 73(2):309-11, Feb 77
ANTITHROMBINS, deficiency/ *AORTOCORONARY BYPASS, adverse effects/

*BLOOD COAGULATION FACTORS, analysis/ CORONARY CIRCULATION/ *CORONARY DISEASE, etiology/ FACTOR VIII, analysis/ HUMAN/ PLATELET ADHESIVENESS/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ THROMBIN, analysis

10205. **Zakashanskiĭ IG, Braude IIa, Strugatskiĭ ID:** Perelivanie svezhegeparinizirovannoĭ krovi pri ostroĭ krovopotere Khirurgiia (Mosk) (1):93–5, Jan 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ *BLOOD TRANSFUSION/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ *HEMORRHAGE, therapy/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ SURGERY, OPERATIVE

10206. **Zakeli V:** Akutini pankreatitis Acta Chir Iugosl 24(1 Suppl):17–20, 1977 **(Scr)**
ACUTE DISEASE/ HEPARIN, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, diagnosis/ PANCREATITIS, drug therapy/ PANCREATITIS, surgery

10207. **Zakharchenko LP:** Nekotorye pokazateli protivosvertyvaiushcheĭ sistemy pri khronicheskom glomerulonefrite u deteĭ Vopr Okhr Materin Det 21(8):41–4, Aug 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FIBRIN FIBRINOGEN DEGRADATION PRODUCTS, analysis/ *FIBRINOLYSIS/ *GLOMERULONEPHRITIS, blood/ HUMAN

10208. **Zakharov MM, Bychkov SM:** Vzaimodeĭstvie strukturnogo glikoprotein soedinitel'noĭ tkani s proteoglikanami i glikozaminoglikanami Biull Eksp Biol Med 82(12):1430–2, Dec 76 (Eng. Abstr.) **(Rus)**
ANIMAL/ CATTLE/ CHEMISTRY/ CHONDROITIN SULFATES/ ENGLISH ABSTRACT/ *GLYCOPROTEINS/ GLYCOPROTEINS, analysis/ *GLYCOSAMINOGLYCANS/ HEART VALVES, analysis/ HEPARIN/ NASAL SEPTUM, analysis/ *PROTEOGLYCANS/ SOLUBILITY

10209. **Zakin MM, Poskus E, Langton AA, et al:** Primary structure of equine growth hormone. Int J Pept Protein Res 8(5):435–44, 1976
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ ELECTROPHORESIS, DISC/ HORSES/ PEPTIDE FRAGMENTS, analysis/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SOLVENTS/ *SOMATOTROPIN, analysis/ TRYPSIN

10210. **Zakirov UB, Kadyrov UZ, Mirtursunova SZ, et al:** Ekzosekretornaia funktsiia podzheludochnoĭ zhelezy pri vozdeĭstvii razlichnykh doz geksakhlortsiklogeksana. Farmakol Toksikol 39(4):455–8, Jun–Aug 76 (Eng. Abstr.) **(Rus)**
AMYLASE, antagonists & inhibitors/ AMYLASE, secretion/ ANIMAL/ BENZENE HEXACHLORIDE, administration & dosage/ *BENZENE HEXACHLORIDE, toxicity/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ ENZYME INHIBITORS, pharmacodynamics/ LIPASE, antagonists & inhibitors/ LIPASE, secretion/ *PANCREAS, enzymology/ PANCREAS, secretion/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, secretion/ RATS

10211. **Zakliakov KI, Mel'man VM:** Trombektomiia iz safeno-kavernoznogo anastomoza pri priapizme Urol Nefrol (Mosk) (6):58, Nov–Dec 76 **(Rus)**
ADULT/ CASE REPORT/ HUMAN/ MALE/ *PENIS, blood supply/ PRIAPISM, complications/ *PRIAPISM, surgery/ RUSSIAN FEDERATION (EUROPE)/ *SAPHENOUS VEIN/ THROMBOSIS, etiology/ *THROMBOSIS, surgery/ VASCULAR SURGERY, adverse effects

10212. **Zaks AS, Bykova AA, Suslina ML:** Antitela k mediatoram vospaleniia kak ego ingibitory i analizatory Farmakol Toksikol 40(2):190–3, Mar–Apr 77 (Eng. Abstr.) **(Rus)**
ANIMAL/ BRADYKININ, immunology/ ENGLISH ABSTRACT/ HISTAMINE, immunology/ INFLAMMATION, chemically induced/ *INFLAMMATION, prevention & control/ KALLIKREIN, immunology/ RABBITS/ RATS/ *SEROTHERAPY/ SEROTONIN, immunology

10213. **Zala L, Wanner H, Faessler R, et al:** Kontrolle röntgenbestrahlter tuberöser Hämangiome nach 15–20 Jahren Dermatologica 153(2):82–5, 1976 (Eng. Abstr.) **(Ger)**
DOSE-RESPONSE RELATIONSHIP, RADIATION/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ *HEMANGIOMA, radiotherapy/ HUMAN/ MALE/ *RADIATION INJURIES, etiology/ RADIOTHERAPY DOSAGE/ *SKIN NEOPLASMS, radiotherapy

10214. **Zalin AM, Hoffenberg R:** Uptake of macromolecules by the thyroid. Acta Endocrinol (Kbh) 84(1):93–104, Jan 77
ANIMAL/ BINDING SITES, drug effects/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ ENDOCYTOSIS, drug effects/ *FIBRINOGEN, metabolism/ *INULIN, metabolism/ IODINE RADIOISOTOPES/ ISOTOPE LABELING/ MACROMOLECULAR SYSTEMS/ *POLYVINYLPYRROLIDONE, metabolism/ PRECIPITATION/ SHEEP/ STIMULATION, CHEMICAL/ *THYROGLOBULIN, metabolism/ *THYROID GLAND, metabolism/ THYROTROPIN, pharmacodynamics

10215. **Zalin AM, Hoffenberg R:** Thyroid uptake of foreign macromolecules. pp. 35–47.
In: von zur Mühlen A, Schleusener H, ed. Biochemical basis of thyroid stimulation and thyroid hormone. Stuttgart, Thieme, 1976. WK 202 B615 1975.
ANIMAL/ CORTICOTROPIN, pharmacodynamics/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ FIBRINOGEN, metabolism/ IN VITRO/ IODINE RADIOISOTOPES, diagnostic use/ *MACROMOLECULAR SYSTEMS/ MONOGRAPH/ ORGAN SPECIFICITY/ POLYVINYLPYRROLIDONE, metabolism/ PROTEIN BINDING, drug effects/ SHEEP/ SPECIES SPECIFICITY/ THYROGLOBULIN, metabolism/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism/ THYROTROPIN, pharmacodynamics/ TIME FACTORS

10216. **Zammarchi E, Borgheresi S:** L'omocistinuria. Sintesi clinica e descrizione di un caso Minerva Pediatr 28(12–3):730–42, 7 Apr 76 (68 ref.) (Eng. Abstr.) **(Ita)**
AMINO ACIDS, SULFUR, metabolism/ BONE DISEASES, etiology/ CYSTATHIONINE BETA-SYNTHASE, deficiency/ ENGLISH ABSTRACT/ EYE DISEASES, etiology/ HOMOCYSTEINE, metabolism/ HOMOCYSTINE, metabolism/ *HOMOCYSTINURIA/ HOMOCYSTINURIA, diagnosis/ HOMOCYSTINURIA, familial & genetic/ HOMOCYSTINURIA, metabolism/ HOMOCYSTINURIA, therapy/ HUMAN/ INTESTINAL ABSORPTION/ METHYLTRANSFERASES, deficiency/ NERVOUS SYSTEM DISEASES, etiology/ REVIEW/ SKIN DISEASES, etiology/ TETRAHYDROFOLATE DEHYDROGENASE, deficiency/ THROMBOSIS, etiology/ VITAMIN B 12, metabolism

10217. **Zana J:** Gefässchirurgische Möglichkeiten in der Urologie und Nephrologie Acta Chir Acad Sci Hung 17(4):255–65, 1976 (Eng. Abstr.) **(Ger)**
ARTERIOVENOUS SHUNT, SURGICAL, methods/ ENGLISH ABSTRACT/ HEMODIALYSIS/ HUMAN/ KIDNEY FAILURE, CHRONIC, surgery/ KIDNEY FAILURE, CHRONIC, therapy/ KIDNEY, transplantation/ METHODS/ *RENAL ARTERY, surgery/ *SAPHENOUS VEIN, surgery/ SAPHENOUS VEIN, transplantation/ THROMBOSIS, surgery/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS, adverse effects

10218. **Zander J:** Empfängnisverhütung Ther Umsch 33(4):195–203, Apr 76 **(Ger)**
*CONTRACEPTION/ CONTRACEPTION, standards/ CONTRACEPTIVE DEVICES, FEMALE, standards/ CONTRACEPTIVE DEVICES, MALE, standards/ CONTRACEPTIVES, ORAL, SYNTHETIC, adverse effects/ CONTRACEPTIVES, POSTCOITAL, HORMONAL, standards/ DRUG IMPLANTS/ ESTROGENS, SYNTHETIC, administration & dosage/ FEMALE/ HUMAN/ MALE/ PROGESTATIONAL HORMONES, administration & dosage/ RHYTHM METHOD/ STERILIZATION, SEXUAL/ THROMBOEMBOLISM, chemically induced

10219. **Zannini G:** Complicazioni della chirurgia riparativa delle arterie. Minerva Chir 32(11):689–91, 15 Jun 77 **(Ita)**
ANEURYSM, surgery/ *ARTERIES, surgery/ BLOOD VESSEL PROSTHESIS/ EMBOLISM, surgery/ ENDARTERECTOMY/ MESENTERIC VASCULAR OCCLUSION, surgery/ POSTOPERATIVE COMPLICATIONS/ *SURGICAL WOUND DEHISCENCE, surgery/ *SURGICAL WOUND INFECTION, surgery/ THROMBOSIS, surgery

10220. **Zanoni G:** Heparinwirkung in niedrigen Dosen und deren Kontrolle Praxis 65(16):477–80, 20 Apr 76 (Eng. Abstr.)
ANTITHROMBINS, analysis/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ THROMBELASTOGRAPHY/ THROMBIN/ *THROMBOEMBOLISM, prevention & control

10221. **Zanoni G:** Thrombose- und Embolieprophylaxe mit Low-dose-Heparin Praxis 65(16):471–6, 20 Apr 76 (Eng. Abstr.) **(Ger)**
DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ HUMAN/ *THROMBOEMBOLISM, prevention & control

10222. **Zapol WM, Snider MT, Schneider RC:** Extracorporeal membrane oxygenation for acute respiratory failure. Anesthesiology 46(4):272–85, Apr 77 (103 ref.)
CARBON DIOXIDE, metabolism/ CAROTID ARTERIES/ CATHETERIZATION, methods/ EMBOLISM, AMNIOTIC FLUID, therapy/ FEMORAL ARTERY/ FEMORAL VEIN/ HEMODYNAMICS/ HUMAN/ OXYGEN CONSUMPTION/ *OXYGENATORS, MEMBRANE/ OXYGENATORS, MEMBRANE, adverse effects/ OXYGENATORS, MEMBRANE, methods/ PULMONARY CIRCULATION/ *RESPIRATORY INSUFFICIENCY, therapy/ REVIEW/ SILICONES, adverse effects/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10223. **Zaslavskaia RM, Perepelkin EG, Akhmetov KZh:** Korreliatsionnye sviazi mezhdu pokazatelliami gemokoaguliatsii i lipidnogo obmena u bol'nykh stenokardiei v techenie sutok. Kardiologiia 17(6):111–5, Jun 77 (Eng. Abstr.) **(Rus)**
ADULT/ AGED/ *ANGINA PECTORIS, blood/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD PLATELETS, pathology/ DIURNAL RHYTHM/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HEPARIN, blood/ HUMAN/ *LIPIDS, blood/ MIDDLE AGE

10224. **Zassenhaus PH, Hanson KM, Wolgemuth RL:** A new water-soluble substrate for the determination of trypsin activity. Anal Biochem 76(1):321–9, Nov 76
P-AMINOBENZOIC ACID/ ANIMAL/ ARGININE/ BENZOYLARGININE NITROANILIDE/ CALCIUM, pharmacodynamics/ CATTLE/ DIPEPTIDES/ DOGS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHODS/ PANCREATIC JUICE, enzymology/ PANCREATIN, metabolism/ RATS/ SODIUM, pharmacodynamics/ SWINE/ *TRYPSIN, analysis/ TRYPSIN, metabolism

10225. **Zauber NP, Levin J:** Factor IX levels in patients with hemophilia B (Christmas disease) following transfusion with concentrates of factor IX or fresh frozen plasma (FFP). Medicine (Baltimore) 56(3):213–24, May 77
*BLOOD TRANSFUSION, methods/ BODY WEIGHT/ *CHRISTMAS DISEASE, blood/ COMPARATIVE STUDY/ FACTOR IX, administration & dosage/ *FACTOR IX, analysis/ HALF-LIFE/ HEMORRHAGE, therapy/ HUMAN/ PLASMA/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10226. **Zava DT, Harrington NY, McGuire WL:** Nuclear estradiol receptor in the adult rat uterus: a new exchange assay. Biochemistry 15(19):4292–7, 21 Sep 76
ADRENALECTOMY/ ANIMAL/ CASTRATION/ *CELL NUCLEUS, metabolism/ CYTOSOL, metabolism/ *ESTRADIOL, metabolism/ FEMALE/ KINETICS/ METHODS/ OSMOLAR CONCENTRATION/ POTASSIUM CHLORIDE, pharmacodynamics/ PROTAMINES/ RATS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ *UTERUS, metabolism

10227. **Zavadskiĭ AV:** Vliianie fermentov gruppy proteaz i nukleaz na funktsiiu slukhovoĭ truby u bol'nykh s khronicheskimi gnoĭnymi otitami Zh Ushn Nos Gorl Bolezn (5):84, Sep-Oct 76 **(Rus)**
*DEOXYRIBONUCLEASE, therapeutic use/ *EUSTACHIAN TUBE/ HUMAN/ *OTITIS MEDIA, drug therapy/ *PEPTIDE HYDROLASES, therapeutic use/ *RIBONUCLEASE, therapeutic use

10228. **Zavala DC:** Pulmonary hemorrhage in fiberoptic transbronchial biopsy. Chest 70(5):584–8, Nov 76
ANOXEMIA, complications/ ARRHYTHMIA, complications/ ASTHMA, complications/ BIOPSY, adverse effects/ BIOPSY, instrumentation/ BIOPSY, methods/ BLOOD COAGULATION DISORDERS, complications/ BRONCHOSCOPY, adverse effects/ FIBER OPTICS/ *HEMOPTYSIS, etiology/ HUMAN/ HYPOVENTILATION, complications/ IMMUNOSUPPRESSION, adverse effects/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications

10229. **Zav'yalov VP, Demchenko AP, Suchomudrenko AG, et al:** Temperature-dependent changes of myeloma immunoglobulin G (K) IVA, Bence-Jones protein (K-type) IVA and its fragments.
Biochim Biophys Acta 491(1):7–15, 28 Mar 77
*BENCE JONES PROTEIN/ BENCE JONES PROTEIN, blood/ BENCE JONES PROTEIN, urine/ CIRCULAR DICHROISM/ GEL DIFFUSION TESTS/ HUMAN/ *IGG/ IGG, urine/ IMMUNOGLOBULINS, FAB/ *MULTIPLE MYELOMA, blood/ MULTIPLE MYELOMA, immunology/ MULTIPLE MYELOMA, urine/ PEPTIDE FRAGMENTS, analysis/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE/ TRYPSIN/ TYROSINE, analysis

10230. **Zav'yalov VP, Troitsky GV, Khechinashvili NN, et al:** Thermally induced conformational transitions of Bence-Jones protein IVA and its proteolytic fragments.
Biochim Biophys Acta 492(1):102–11, 27 May 77
*BENCE JONES PROTEIN/ BENCE JONES PROTEIN, isolation & purification/ BENCE JONES PROTEIN, urine/ CIRCULAR DICHROISM/ HUMAN/ PEPTIDE FRAGMENTS, isolation & purification/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ TEMPERATURE/ TRYPSIN

10231. **Zawilska K:** Postępy hematologii. Choroba Willebranda i hemofilia A w świetle nowych badań nad czynnikiem VIII Pol Arch Med Wewn 56(8):179–84, Aug 76 (36 ref.) **(Pol)**
AUTOANTIBODIES/ DIAGNOSIS, DIFFERENTIAL/ *FACTOR VIII/ FACTOR VIII, immunology/ *HEMOPHILIA, diagnosis/ HUMAN/ PLATELET AGGREGATION, drug effects/ REVIEW/ RISTOCETIN, pharmacodynamics/ *VON WILLEBRAND'S DISEASE, diagnosis

10232. **Zaynoun ST, Johnson BE, Frain-Bell W:** A study of oil of bergamot and its importance as a phototoxic agent. I. Characterization and quantification of the photoactive component. Br J Dermatol 96(5):475–82, May 77
*COUMARINS, toxicity/ FICUSIN, analogs & derivatives/ FICUSIN, analysis/ *FICUSIN, toxicity/ HUMAN/ *OILS, analysis/ OILS, toxicity/ *PHOTOSENSITIZATION, chemically induced/

SKIN TESTS

10233. **Zborovskiĭ AB, Bondareva LI, Davydov AA, et al:** Kliniko-patogenicheskaia kharakteristika neaktivnogo revmatizma kak osobogo perioda v faznom technii revmaticheskogo protsessa Sov Med (7):14–9, Jul 76 (Eng. Abstr.) **(Rus)**
ADENINE NUCLEOTIDES, metabolism/ AUTOANTIBODIES/ BLOOD COAGULATION/ CARBOHYDRATES, metabolism/ ENGLISH ABSTRACT/ HUMAN/ LIPIDS, blood/ NUCLEIC ACIDS, metabolism/ RHEUMATISM, immunology/ *RHEUMATISM, metabolism

10234. **Zekert F:** Thrombosen, Embolien und Aggregationshemmer in der Chirurgie Fortschr Med 94(31):1791–8, 4 Nov 76 (Eng. Abstr.) **(Ger)**
AGED/ *ANTICOAGULANTS, therapeutic use/ ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ DIPYRIDAMOLE, pharmacodynamics/ DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *PLATELET AGGREGATION, drug effects/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PULMONARY EMBOLISM, prevention & control/ SEX FACTORS/ *THROMBOPHLEBITIS, prevention & control

10235. **Zelefsky MN, Lutzker LG:** The target sign: a new radiologic sign of septic pulmonary emboli. AJR 129(3):453–5, Sep 77
ADULT/ CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ LUNG, radiography/ MALE/ *PULMONARY EMBOLISM, radiography/ *SEPTICEMIA, radiography/ STAPHYLOCOCCAL INFECTIONS, radiography

10236. **Zelenin RP:** Khirurgicheskoe lechenie ostrogo tromboza varikozno rasshirennykh ven Khirurgiia (Mosk) (5):46–8, May 77 (Eng. Abstr.) **(Rus)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *THROMBOSIS, surgery/ *VARICOSE VEINS, complications/ VARICOSE VEINS, surgery

10237. **Zelikovski A, Podlipski A, Sternberg A, et al:** Canges in chemical, hematological and blood gases values in chronic venous insufficiency of the lower limbs. Vasa 6(1):26–9, 1977
ADULT/ ARM/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION TESTS/ BLOOD GAS ANALYSIS/ FEMALE/ HEMATOCRIT/ HEMOGLOBINS/ HUMAN/ IRON, metabolism/ *LEG/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ VARICOSE VEINS, physiopathology/ *VENOUS INSUFFICIENCY, physiopathology

10238. **Zelinskiĭ BA, Kogut ES:** Primenenie trazilola pri diabeticheskom ketoatsidoze Vrach Delo (9):78–80, Sep 76 (Eng. Abstr.) **(Rus)**
*ACIDOSIS, DIABETIC, drug therapy/ ADOLESCENCE/ ADULT/ CASE REPORT/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE

10239. **Zeller DE, Newman RL:** Carcinoma of the vulva. Case report. Mo Med 74(6):258–60, Jun 77
AGED/ CARCINOMA, EPIDERMOID, pathology/ *CARCINOMA, EPIDERMOID, surgery/ CASE REPORT/ FEMALE/ HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HUMAN/ MIDDLE AGE/ VULVAR NEOPLASMS, pathology/ *VULVAR NEOPLASMS, surgery

10240. **Zeller EA, Boshes B, Arbit J, et al:** Molecular biology of neurological and psychiatric disorders. I. Effect of parkinsonism, age, sex and L-dopa on platelet monoamine oxidase. J Neural Transm 39(1–2):63–77, 1976
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *BLOOD PLATELETS, enzymology/ CHILD/ FEMALE/ HUMAN/ *LEVODOPA, pharmacodynamics/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ PARKINSONISM, blood/ PARKINSONISM, drug therapy/ *PARKINSONISM, enzymology/ SEX FACTORS/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10241. **Zeman RK:** Disseminated intravascular coagulation following intravenous pyelography [letter]. Invest Radiol 12(2):203–4, Mar–Apr 77
BLADDER NEOPLASMS, radiography/ CARCINOMA, TRANSITIONAL CELL, radiography/ CASE REPORT/ *CONTRAST MEDIA, adverse effects/ *DIATRIZOATE, analogs & derivatives/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ MALE/ *MEGLUMINE DIATRIZOATE, adverse effects/ MIDDLE AGE

10242. **Zernov NG, Epikhin NV:** Diagnosticheskoe znachenie opredeleniia shchelochnoĭ fosfatazy, gistidazy i urokininazy v zhelchi pri zabolevaniiakh gepatobiliarnoĭ sistemy u deteĭ Pediatriia (3):56–9, Mar 77 (Eng. Abstr.) **(Rus)**
*ALKALINE PHOSPHATASE, metabolism/ *AMMONIA-LYASES, metabolism/ *BILE, enzymology/ *BILIARY TRACT DISEASES, diagnosis/ CHILD/ CHOLANGITIS, diagnosis/ CHOLECYSTITIS, diagnosis/ ENGLISH ABSTRACT/ *ENZYME TESTS/ *HISTIDASE, metabolism/ HUMAN/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *UROKINASE, metabolism

10243. **Zesch A, Schaefer H:** Penetration, Permeation und Resorption von Heparin. In-vivo-Untersuchungen an der menschlichen Haut Arzneim Forsch 26(7):1365–8, 1976 (Eng. Abstr.) **(Ger)**
ENGLISH ABSTRACT/ HEPARIN, administration & dosage/ *HEPARIN, metabolism/ HUMAN/ OINTMENT BASES/ *SKIN ABSORPTION

10244. **Zetter BR, Chen LB, Buchanan JM:** Binding and internalization of thrombin by normal and transformed chick cells. Proc Natl Acad Sci USA 74(2):596–600, Feb 77
CELL DIVISION/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ CHICK EMBRYO/ FIBROBLASTS, metabolism/ FIBROBLASTS, ultrastructure/ KINETICS/ MICROSCOPY, ELECTRON/ MITOSIS/ ROUS SARCOMA VIRUS/ TEMPERATURE/ *THROMBIN, metabolism/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10245. **Zetter BR, Sun TT, Chen LB, et al:** Thrombin potentiates the mitogenic response of cultured fibroblasts to serum and other growth promoting agents. J Cell Physiol 92(2):233–9, Aug 77
*BLOOD/ *CELL DIVISION, drug effects/ CELL LINE/ CELLS, CULTURED/ DRUG SYNERGISM/ *GROWTH SUBSTANCES, pharmacodynamics/ PROSTAGLANDINS F, pharmacodynamics/ *THROMBIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10246. **Zharhary D, Gershon H:** Nitrophenylated derivatives of epsilon-aminocaproic acid: synthesis and physico-chemical characterization. J Immunol Methods 15(3):247–53, 1977
*AMINOCAPROIC ACIDS, chemical synthesis/ DINITROFLUOROBENZENE, analogs & derivatives/ METHODS/ NITROBENZENES, chemical synthesis/ PICRYL CHLORIDE/ SPECTROPHOTOMETRY/ *6-AMINOCAPROIC ACID, chemical synthesis

10247. **Zharhary D, Segev Y, Gershon H:** The affinity and spectrum of cross reactivity of antibody production in senescent mice: the IgM response. Mech Ageing Dev 6(5):385–92, Sep–Oct 77
*AGING/ AMINOCAPROIC ACIDS, immunology/ ANIMAL/ *ANTIBODY FORMATION/ ANTIBODY PRODUCING CELLS/ ANTIGENS/ *CROSS REACTIONS/ DINITROBENZENES, immunology/ FEMALE/ HAPTENS/ HEMOCYANIN, immunology/ HEMOLYTIC PLAQUE TECHNIC/ *IGM/ LIPOPOLYSACCHARIDES, immunology/ MICE/ MOLLUSCA/ NITROBENZENES, immunology/ TRINITROBENZENES, immunology

10248. **Zhdanova LV, Mamontova TV:** Sintez virusspetsificheskikh RNK v usloviiakh gomologichnoĭ i geterologichnoĭ interferentsii, vyzyvaemoĭ virusom bolezni N'iukasla Vopr Virusol (4):425–9, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
CHICK EMBRYO/ ENGLISH ABSTRACT/ HEPARIN, pharmacodynamics/ NEWCASTLE DISEASE VIRUS, growth & development/ *NEWCASTLE DISEASE VIRUS, metabolism/ NEWCASTLE DISEASE VIRUS, radiation effects/ *RNA, VIRAL, biosynthesis/ TISSUE CULTURE/ ULTRAVIOLET RAYS/ VESICULAR STOMATITIS VIRUS, growth & development/ *VIRAL INTERFERENCE

10249. **Zhenchevskiĭ RA:** Kompleksnoe lechenie spaechnoĭ bolezni briushnoĭ polosti Khirurgiia (Mosk) (12):8–12, Dec 76 (Eng. Abstr.) **(Rus)**
ADHESIONS/ AUTOIMMUNE DISEASES, therapy/ CASE REPORT/ DESENSITIZATION/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIN, therapeutic use/ HISTAMINE H1 RECEPTOR BLOCKADERS, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ *INTESTINAL OBSTRUCTION, therapy/ IONTOPHORESIS/ MIDDLE AGE/ POSTOPERATIVE CARE/ TRYPSIN, therapeutic use

10250. **Zhikharev SS:** Znachenie narusheniĭ metabolizma tsiklicheskogo adenozin--3',5'-monofosfata (tsAMF) v patogeneze bronkhial'noĭ astmy Ter Arkh 49(3):131–5, 1977 **(Rus)**
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL/ ASTHMA, drug therapy/ *ASTHMA, metabolism/ BACTERIAL TOXINS, immunology/ BLOOD PLATELETS, metabolism/ BORDETELLA PERTUSSIS/ CATECHOLAMINES, pharmacodynamics/ DISEASE MODELS, ANIMAL/ HISTAMINE ANTAGONISTS, therapeutic use/ HISTAMINE LIBERATION, drug effects/ HUMAN/ HYPERSENSITIVITY, metabolism/ LEUKOCYTES, drug effects/ LYMPHOCYTE TRANSFORMATION/ LYSOSOMES, metabolism/ PLATELET AGGREGATION/ PROSTAGLANDINS, pharmacodynamics/ RECEPTORS, ADRENERGIC, BETA

10251. **Zhivoderov VM, Kondratchik SI, Fartakova VP:** O vzaimosviazi izmeneniĭ pokazateleĭ belkovogo obmena i sistemy koaguliatsii krovi u bol'nykh infarktom miokarda. Kardiologiia 17(3):141, Mar 77 **(Rus)**
*BLOOD COAGULATION/ *BLOOD PROTEINS, analysis/ *CORONARY DISEASE, blood/ HUMAN

10252. **Zhuravlev II, Resenchuk AI, Iatsenko OK:** Kavernoznaia gemangioma mochetochnika Urol Nefrol (Mosk) (4):65–6, Jul–Aug 76 **(Rus)**
ADULT/ CASE REPORT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, physiopathology/ HUMAN/ KIDNEY, physiopathology/ RUSSIAN FEDERATION (ASIA)/ *URETERAL NEOPLASMS, physiopathology/ VISCEROPTOSIS, physiopathology

10253. **Ziablitskiĭ VM, Khnychev SS, Dorofeev VM, et al:** Vliianie terapii adenozintrifosfatom na techenie luchevogo gemorragicheskogo sindroma. Med Radiol (Mosk) 22(5):84–6, May 77 **(Rus)**
*ADENOSINE TRIPHOSPHATE, therapeutic use/ ANIMAL/ BLOOD, drug effects/ CALCIFICATION, PHYSIOLOGIC, drug effects/ FEMALE/ *HEMORRHAGE, drug therapy/ HEMOSTASIS, drug effects/ MALE/ RABBITS/ *RADIATION INJURIES, EXPERIMENTAL, drug therapy/ SYNDROME/ TIME FACTORS

10254. **Ziberstein B, Felix WN, Pollara W, et al:** Fisiopatologia dos estados de choque: aspectos práticos Rev Ginecol Obstet (Rio de J) 133:109–14, Mar–Apr 76 (Eng. Abstr.) **(Por)**
ACID-BASE IMBALANCE, physiopathology/ BLOOD COAGULATION DISORDERS, physiopathology/ ENGLISH ABSTRACT/ HUMAN/ *SHOCK, physiopathology

10255. **Ziebell WC:** Painful bruise syndrome. Cutis 18(2):293–6, Aug 76
ADULT/ AUTOIMMUNE DISEASES, immunology/ CASE REPORT/ *ERYTHROCYTES, immunology/ FEMALE/ HUMAN/ INTRADERMAL TESTS/ MALE/ *PURPURA, immunology

10256. **Ziegler HK:** Lungenembolie aus der Sicht des Pathologen. Med Klin 72(24):1063–70, 17 Jun 77 **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BRAIN DISEASES, complications/ CHILD/ CHILD, PRESCHOOL/ CONTRACEPTIVES, ORAL/ CRITICAL CARE/ DEATH, SUDDEN/ FEMALE/ GERMANY, WEST/ HEART DISEASES, complications/ HUMAN/ INFANT/ MALE/ METABOLIC DISEASES, complications/ MIDDLE AGE/ NEOPLASMS, complications/ PANCREATITIS, complications/ PSYCHOSES, complications/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, occurrence/ *PULMONARY EMBOLISM, pathology/ PULMONARY HEART DISEASE, etiology/ SEX FACTORS/ TUBERCULOSIS, complications

10257. **Zieliński JJ, Wieczorkiewicz M:** Występowanie napadów i przebieg leczenia w świetle dalszych badań reprezentatywnych grup chorych na padaczkę Neurol Neurochir Pol 11(1):47–52, Jan–Feb 77 (Eng. Abstr.) **(Pol)**
ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ *EPILEPSY/ EPILEPSY, drug therapy/ FOLLOW-UP STUDIES/ HUMAN/ RECURRENCE/ REMISSION

10258. **Zieliński T, Holzer I, Korabiec M:** Nietypowe postacie kliniczne grzybic skóry Przegl Dermatol 64(2):231–3, Mar–Apr 77 (Eng. Abstr.) **(Pol)**
ADULT/ CASE REPORT/ CHRONIC DISEASE/ *DERMATOMYCOSES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ECZEMA, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ PURPURA, diagnosis

10259. **Zielinsky A, Altman R, Rouvier J:** Comparison between a modified ethanol gelation test and protamine sulfate test. Experimental studies. Thromb Haemostas 36(1):165–72, 31 Aug 76
*ALCOHOL, ETHYL, diagnostic use/ COMPARATIVE STUDY/ FIBRIN/ *FIBRINOGEN, analysis/ GELS/ HUMAN/ METHODS/ *PROTAMINES, diagnostic use/ SOLUBILITY

10260. **Zil'ber AP, El'kina RM:** Sindrom massivnogo krovovozmeshcheniia kak terminal'noe sostoianie v praktike anesteziologa-reanimatologa. Probl Gematol Pereliv Krovi 22(4):43–6, Apr 77 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION DISORDERS, etiology/ *BLOOD TRANSFUSION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HEMORRHAGE, therapy/ HUMAN/ *KIDNEY FAILURE, ACUTE, etiology/ MIDDLE AGE/ *RESPIRATORY INSUFFICIENCY, etiology/ SYNDROME

10261. **Zilly W, Breimer DD, Richter E:** Pharmacokinetic interactions with rifampicin. Clin Pharmacokinet 2(1):61–70, Jan–Feb 77
ABSORPTION/ ADMINISTRATION, ORAL/ ADRENAL CORTEX HORMONES/ ANTICOAGULANTS/ CONTRACEPTIVES, ORAL/ DAPSONE/ DIGITOXIN/ DRUG INTERACTIONS/ ENZYME INDUCTION/ GLYMIDINE/ HEXOBARBITAL/ HUMAN/ ISONIAZID/ KINETICS/ LIVER DISEASES, metabolism/ METHADONE/ *RIFAMPIN/ RIFAMPIN, metabolism/ RIFAMPIN, pharmacodynamics/ TOLBUTAMIDE

10262. **Zilversmit DB:** Role of triglyceride-rich lipoproteins in atherogenesis. Ann NY Acad Sci 275:138–44, 1976
ANIMAL/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ CHOLESTEROL, blood/ CHYLOMICRONS, blood/ LIPOPROTEIN LIPASE, metabolism/ *LIPOPROTEINS, physiology/ LIPOPROTEINS, LDL, blood/ MODELS, BIOLOGICAL/ RABBITS/ TRIGLYCERIDES, blood/

*TRIGLYCERIDES, physiology/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10263. **Zilversmit DB, Clarkson TB, Hughes LB:** High plasma cholesterol in mink (Mustela vison) without atherosclerosis. Atherosclerosis 26(1):97–102, Jan 77
AGE FACTORS/ ANIMAL/ AORTA, analysis/ AORTA, pathology/ ATHEROSCLEROSIS, pathology/ ATHEROSCLEROSIS, veterinary/ *CHOLESTEROL, blood/ CHOLESTEROL, analysis/ CHOLESTEROL, DIETARY/ CORONARY VESSELS, pathology/ FATTY STREAK, ARTERIAL, pathology/ FEMALE/ LIPOPROTEINS, HDL, blood/ MALE/ *MINK, blood/ PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10264. **Zimbler S, McVerry B, Levine P:** Hemophilic arthropathy of the foot and ankle. Orthop Clin North Am 7(4):985–97, Oct 76
ADOLESCENCE/ ADULT/ *ANKLE JOINT/ ANKLE JOINT, physiopathology/ ANKLE JOINT, surgery/ *FOOT DISEASES, surgery/ *HEMARTHROSIS, surgery/ *HEMOPHILIA, complications/ HUMAN/ JOINT DISEASES, etiology/ JOINT DISEASES, physiopathology/ *JOINT DISEASES, surgery

10265. **Zimmerman M, Ashe BM:** Sbustrate specificity of the elastase and the chymotrypsin-like enzyme of the human granulocyte. Biochim Biophys Acta 480(1):241–5, 11 Jan 77
ANIMAL/ *CHYMOTRYPSIN, blood/ CYTOPLASMIC GRANULES, enzymology/ DOGS/ *GRANULOCYTES, enzymology/ HUMAN/ KINETICS/ *LEUKOCYTES, enzymology/ MONKEYS/ ORGAN SPECIFICITY/ PANCREAS, enzymology/ *PANCREATOPEPTIDASE, blood/ PANCREATOPEPTIDASE, metabolism/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE

10266. **Zimmerman M, Ashe B, Yurewicz EC, et al:** Sensitive assays for trypsin, elastase, and chymotrypsin using new fluorogenic substrates. Anal Biochem 78(1):47–51, Mar 77
*CHYMOTRYPSIN, analysis/ *COUMARINS/ *FLUORESCENT DYES/ KINETICS/ MICROCHEMISTRY/ *PANCREATOPEPTIDASE, analysis/ SPECTROMETRY, FLUORESCENCE, methods/ *TRYPSIN, analysis

10267. **Zimmerman RD, Leeds NE, Naidich TP:** Ring blush associated with intracerebral hematoma. Radiology 122(2 Suppl):707–11, Mar 77
ADOLESCENCE/ ADULT/ AGED/ CEREBRAL HEMORRHAGE, pathology/ *CEREBRAL HEMORRHAGE, radiography/ FEMALE/ HEMATOMA, pathology/ *HEMATOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ RADIOGRAPHIC IMAGE ENHANCEMENT/ TIME FACTORS/ *TOMOGRAPHY, COMPUTERIZED AXIAL

10268. **Zimmerman TS, de la Pointe L, Edgington TS:** Interaction of factor VIII antigen in hemophilic plasmas with human antibodies to factor VIII. J Clin Invest 59(5):984–9, May 77
ANTIGEN-ANTIBODY REACTIONS/ *FACTOR VIII, immunology/ *HEMOPHILIA, immunology/ HUMAN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10269. **Zimmermann O:** Therapeutische Mitteilung zur klinischen Prüfung eines neuen venen-Gels ZFA (Stuttgart) 53(9):510–1, 31 Mar 77 **(Ger)**
CLINICAL RESEARCH/ DRUG COMBINATIONS/ ESCIN, therapeutic use/ GELS/ HEPARIN, therapeutic use/ HISTAMINE ANTAGONISTS, therapeutic use/ HUMAN/ *VASCULAR DISEASES, drug therapy/ VEINS

10270. **Zimmermann R, Hoffrichter A, Walter E, et al:** Orale Antikoagulation und Thrombozytenfunktion bei hypolipämischer Behandlung mit einem neuen Clofibrat-Analog (BM 15.075) Dtsch Med Wochenschr 102(14):509–12, 8 Apr 77 (Eng. Abstr.) **(Ger)**
AGED/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ *CLOFIBRATE, analogs & derivatives/ *CLOFIBRATE, pharmacodynamics/ CLOFIBRATE, therapeutic use/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ HYPERLIPEMIA, drug therapy/ MALE/ MIDDLE AGE/ PHENPROCOUMON, pharmacodynamics/ PLATELET AGGREGATION, drug effects

10271. **Zimmermann R, Zieboll L, Barth P, et al:** Vergleichende Untersuchungen zur antithrombotischen Wirkung von Acetylsalicylsäure und Antikoagulantien am experimentellen Thrombosemodell.
Verh Dtsch Ges Inn Med 82 Pt 2:1946–7, 1976 **(Ger)**
ANIMAL/ *ANTICOAGULANTS, therapeutic use/ *ASPIRIN, therapeutic use/ COMPARATIVE STUDY/ DISEASE MODELS, ANIMAL/ RABBITS/ *THROMBOSIS, drug therapy

10272. **Zini R, d'Athis P, Hoareau A, et al:** Binding of four sulphonamides to human albumin.
Eur J Clin Pharmacol 10(2):139–45, 15 Jun 76
ACENOCOUMAROL, blood/ BINDING SITES/ BINDING, COMPETITIVE/ FUROSEMIDE, blood/ HUMAN/ IN VITRO/ KINETICS/ PHENINDIONE, analogs & derivatives/ PHENINDIONE, blood/ PROTEIN BINDING/ *SERUM ALBUMIN, metabolism/ SULFISOXAZOLE, blood/ *SULFONAMIDES, blood/ TOLBUTAMIDE, blood

10273. **Zinkiewicz Z:** Badania wiskozymetryczne surowicy krwi u dzieci zdrowych Pediatr Pol 51(9):1059–64, 1976 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ AGE FACTORS/ BLOOD PROTEINS, analysis/ *BLOOD VISCOSITY/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN

10274. **Zinkiewicz Z:** Zachowanie się lepkości surowicy krwi w chlorobach nerek u dzieci Pediatr Pol 51(9):1065–71, 1976 (Eng. Abstr.) **(Pol)**
AGE FACTORS/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ GLOMERULONEPHRITIS, blood/ HUMAN/ *KIDNEY DISEASES, blood/ NEPHROSIS, LIPOID, blood

10275. **Zinnev SH, Margolius HS, Rosner BR, et al:** Does hypertension begin in childhood? Studies of the familial aggregation of blood pressure in childhood. pp. 45–53.
In: New MI, Levine LS, ed. Juvenile hypertension. New York, Raven Press, 1977. W3 KR45 v.8 1976.
ADOLESCENCE/ AGE FACTORS/ ANALYSIS OF VARIANCE/ *BLOOD PRESSURE/ BOSTON/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FOLLOW-UP STUDIES/ HEALTH SURVEYS/ HUMAN/ *HYPERTENSION, familial & genetic/ KALLIKREIN, urine/ MALE/ MONOGRAPH/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10276. **Zirkin BR, Chang TS:** Involvement of endogenous proteolytic activity in thiol-induced release of DNA template restrictions in rabbit sperm nuclei.
Biol Reprod 17(1):131–7, Aug 77
*AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL/ AUTORADIOGRAPHY/ BENZAMIDINES, pharmacodynamics/ *DITHIOTHREITOL, pharmacodynamics/ *DNA, biosynthesis/ MALE/ *PROTEINS, metabolism/ RABBITS/ SPERM HEAD, drug effects/ *SPERM HEAD, metabolism/ *SPERMATOZOA, metabolism/ *TEMPLATES/ THYMIDYLIC ACIDS, pharmacodynamics/ *TRITONS, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10277. **Zmyslowski WP, Janfaza P:** Anesthetic complication following surgical extirpation of a cyst in the thyroglossal duct. Anesthesiology 47(3):306, Sep 77
ADULT/ *ANESTHESIA, INTRATRACHEAL, adverse effects/ CASE REPORT/ HEMATOMA/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, etiology/ RUPTURE/ *THYROGLOSSAL CYST, surgery

10278. **Zoes C, Dube VE, Miller HJ, et al:** Anti-A1 in the plasma

of platelet concentrates causing a hemolytic reaction. Transfusion 17(1):29–32, Jan–Feb 77
ADULT/ *ANTIBODIES/ ANTIGENS/ *ABO BLOOD-GROUP SYSTEM/ *BLOOD PLATELETS, transplantation/ *BLOOD TRANSFUSION, adverse effects/ CASE REPORT/ ELECTROPHORESIS/ ERYTHROCYTES, immunology/ FEMALE/ FETAL HEMOGLOBIN/ HUMAN/ *PLASMA, immunology

10279. **Zola-Slęczek E, Szczeklik J, Gumińska M:** Zmiany aktywności aminotransferaz AlAT i AspAT w surowicy krwi u chorych z przewlekłą niedrożnością tętnic obwodowych leczonych streptokinazą
Pol Arch Med Wewn 56(8):157–64, Aug 76 (Eng. Abstr.) **(Pol)**
ADULT/ *ALANINE AMINOTRANSFERASE, blood/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ARTERIAL OCCLUSIVE DISEASES, enzymology/ *ASPARTATE AMINOTRANSFERASE, blood/ ENGLISH ABSTRACT/ HUMAN/ LIVER, enzymology/ MIDDLE AGE/ *STREPTOKINASE, therapeutic use

10280. **Zolin VF, Koreneva LG:** Primenenie redkozemel'nykh élementov v kachestve metki dlia issledovaniia biologicheskie aktivnykh soedinenii. V. Spektry liuminestsentsii i tsentry sviazyvaniia evropiia v nekotorhykh belkakh Biofizika 21(6):1003–7, Nov 76 (Eng. Abstr.) **(Rus)**
ALBUMINS/ ALCOHOL OXIDOREDUCTASES/ BINDING SITES/ CHYMOTRYPSINOGEN/ ENGLISH ABSTRACT/ *ENZYMES/ *EUROPIUM/ LACTATE DEHYDROGENASE/ MURAMIDASE/ MYOSIN/ PEPSIN/ PROTAMINES/ *PROTEINS/ RIBONUCLEASE/ SPECTROMETRY, FLUORESCENCE/ TROPOMYOSIN

10281. **Zöller H, Gutmann W, Fährer E, et al:** Diabetes mellitus, hämostatische Funktion und Angiopathia diabetica
Med Welt 27(37):1742–3, 10 Sep 76 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION FACTORS/ COMPARATIVE STUDY/ *DIABETES MELLITUS, blood/ *DIABETIC ANGIOPATHIES/ FEMALE/ *HEMOSTASIS/ HUMAN/ HYPERLIPEMIA, blood/ MALE/ MIDDLE AGE

10282. **Zöller H:** Fibrinstabilisierung und Faktor-XIII-Substitution bei malignen Tumoren. Arzneim Forsch 27(7):1500–2, Jul 77 (Eng. Abstr.) **(Ger)**
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FACTOR XIII DEFICIENCY, complications/ *FACTOR XIII, metabolism/ FEMALE/ HUMAN/ LEUKEMIA, blood/ LEUKEMIA, complications/ MALE/ MIDDLE AGE/ *NEOPLASMS, blood/ NEOPLASMS, complications

10283. **Zolotukhin NA, Revin AN:** Primenenie ingibitorov proteaz pri rakovoĭ intoksikatsii. Khirurgiia (Mosk) (6):110–1, Jun 77 (Eng. Abstr.) **(Rus)**
*ABDOMINAL NEOPLASMS, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *TRYPSIN INHIBITORS, therapeutic use

10284. **Zorina NP:** Aktyvnist' pankreatychnykh fermentiv u sechi zdorovykh diteĭ pershoho roku zhyttia.
Pediatr Akush Ginekol (2):26–7, Mar–Apr 77 **(Ukr)**
AGE FACTORS/ *AMYLASE, urine/ BREAST FEEDING/ ENZYME ACTIVATION/ HUMAN/ INFANT/ *LIPASE, urine/ *PANCREAS, enzymology/ *PEPTIDE HYDROLASES, urine/ RICKETS, enzymology/ SEASONS

10285. **Zsdánszky C, Györffy G, Pintér J:** In vivo and in vitro innocuity tests applied at the National Institute of Haematology and Blood Transfusion. Dev Biol Stand 34:155–8, 1977
ANIMAL/ ANTICOAGULANTS, blood/ BIOLOGICAL ASSAY, methods/ *BIOLOGICAL ASSAY, standards/ *BLOOD PRESERVATION/ EQUIPMENT AND SUPPLIES/ FISHES/ GUINEA PIGS/ IMMUNOGLOBULINS, analysis/ IN VITRO/ MICE/ PLASTICS/ RABBITS

10286. **Zubairov DM, Zinkevich OD:** Gemokoaguliatsionnye svoĭstva immobilizovannykh proteaz Vopr Med Khim 22(2):187–91, Mar–Apr 76 (Eng. Abstr.) **(Rus)**
*BLOOD COAGULATION, drug effects/ CHYMOTRYPSIN, pharmacodynamics/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *ENZYMES, IMMOBILIZED/ FIBRINOLYSIN, pharmacodynamics/ FIBRINOLYSIS, drug effects/ PAPAIN, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ POLYSTYRENES, pharmacodynamics/ RESINS, SYNTHETIC/ THROMBIN, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UROKINASE, pharmacodynamics

10287. **Zubarev RP, Kolpakov EV, Morov GV, et al:** Problemy tromboobrazovaniia i razrusheniia poverkhnostnog o sloia implantirovannykh iskusstvennykh klapanov serdtsa
Med Tekh (4):26–9, Jul–Aug 76 (Eng. Abstr.) **(Rus)**
*AORTIC VALVE/ BLOOD FLOW VELOCITY/ ENGLISH ABSTRACT/ *HEART VALVE PROSTHESIS, adverse effects/ HEMODYNAMICS/ HUMAN/ *MITRAL VALVE/ *THROMBOSIS, etiology

10288. **Zubekhina LI:** Aktivnost' lipoproteidlipazy u krupnogo rogatogo skota pri tuberkuleze. Veterinariia (7):97–8, Jul 77 **(Rus)**
ANIMAL/ CATTLE/ ENZYME ACTIVATION/ ENZYME TESTS/ *LIPOPROTEIN LIPASE, antagonists & inhibitors/ PROGNOSIS/ *TUBERCULOSIS, BOVINE, diagnosis

10289. **Zuccoli P, Uleri G:** Attuali orientamenti nel trattamento del traumatizzato cranio-encefalico. La nostra esperienza, con particolare riferimento alla profilassi ed alla terapia delle emorragie gastroenteriche ed al trattamento con L-Dopa
Minerva Anestesiol 42(7–8):527–36, Jul–Aug 76 (Eng. Abstr.) **(Ita)**
ALUMINUM HYDROXIDE GEL, therapeutic use/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION DISORDERS, etiology/ BRAIN INJURIES, ACUTE, complications/ *BRAIN INJURIES, ACUTE, therapy/ ENGLISH ABSTRACT/ *HEMORRHAGE, GASTROINTESTINAL, prevention & control/ HUMAN/ ISCHEMIA, complications/ *LEVODOPA, therapeutic use/ MAGNESIUM HYDROXIDE, therapeutic use/ SHOCK, TRAUMATIC, complications/ SHOCK, TRAUMATIC, prevention & control/ VITAMIN K, therapeutic use

10290. **Zuch A, Darewicz J, Kopecki H:** Aktywność fibrynolityczna osocza krwi u chorych z kamicą nerkową
Pol Tyg Lek 32(16):585–8, 18 Apr 77 (Eng. Abstr.) **(Pol)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *KIDNEY CALCULI, blood/ KIDNEY, secretion/ MALE/ MIDDLE AGE/ PLASMINOGEN, secretion

10291. **Zuch A, Szofer W:** XIII czynnik układu krzepnięcia krwi oraz transamidazy narządu rodnego szczura w przebiegu ciąży Ginekol Pol 48(3):237–45, Mar 77 (Eng. Abstr.) **(Pol)**
AMIDINOTRANSFERASES, analysis/ *AMIDINOTRANSFERASES, blood/ ANIMAL/ ENGLISH ABSTRACT/ *FACTOR XIII, metabolism/ FEMALE/ PREGNANCY/ *PREGNANCY, ANIMAL/ RATS/ TIME FACTORS/ *UTERUS, analysis

10292. **Zuck TF, Bensinger TA, Peck CC, et al:** The in vivo survival of red blood cells stored in modified CPD with adenine: report of a multi-institutional cooperative effort
Transfusion 17(4):374–82, Jul–Aug 77
*ADENINE, pharmacodynamics/ ANTICOAGULANTS/ BLOOD PRESERVATION, methods/ BLOOD TRANSFUSION/ *CELL SURVIVAL, drug effects/ CITRATES/ *ERYTHROCYTES, metabolism/ FEMALE/ GLUCOSE/ HUMAN/ MALE/ PHOSPHATES

10293. **Zucker MB:** Heparin and platelet function. Fed Proc 36(1):47–9, Jan 77 (40 ref.)
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL/ ARTERIOVENOUS SHUNT, SURGICAL/

*BLOOD PLATELETS, physiology/ CELL SURVIVAL, drug effects/ CITRATES, pharmacodynamics/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *HEPARIN, pharmacodynamics/ HUMAN/ *PLATELET AGGREGATION, drug effects/ REVIEW/ SPECIES SPECIFICITY

10294. **Zucker MB, Kim SJ, McPherson J, et al:** Binding of factor VIII to platelets in the presence of ristocetin. Br J Haematol 35(4):535–49, Apr 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ COMPARATIVE STUDY/ *FACTOR VIII, metabolism/ HUMAN/ IN VITRO/ PLATELET AGGREGATION, drug effects/ PURPURA, THROMBOPENIC, metabolism/ *RISTOCETIN, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H./ VON WILLEBRAND FACTOR, metabolism

10295. **Zucker ML, Gomperts ED, Marcus RG:** Prophylactic and therapeutic use of anticoagulants in inherited antithrombin III deficiency. S Afr Med J 50(43):1743–8, 9 Oct 76
ADULT/ *ALPHA GLOBULINS/ CASE REPORT/ CHILD/ FEMALE/ *HEPARIN CO-FACTOR/ *HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, familial & genetic/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, familial & genetic/ PREGNANCY/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, familial & genetic/ *WARFARIN, therapeutic use

10296. **Zucker-Franklin D, Drosenberg L:** Platelet interaction with modified articular cartilage. Its possible relevance to joint repair. J Clin Invest 59(4):641–51, Apr 77
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, ultrastructure/ *CARTILAGE, ARTICULAR, metabolism/ CARTILAGE, ARTICULAR, pathology/ CATTLE/ CHONDROITIN SULFATES, pharmacodynamics/ COLLAGEN, pharmacodynamics/ HUMAN/ KNEE INJURIES, chemically induced/ PAPAIN/ PLATELET AGGREGATION, drug effects/ POLYLYSINE, pharmacodynamics/ PROTEOGLYCANS, pharmacodynamics/ RABBITS/ TRYPSIN/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10297. **Zucker-Franklin D, Karpatkin S:** Red-cell and platelet fragmentation in idiopathic autoimmune thrombocytopenic purpura. N Engl J Med 297(10):517–23, 8 Sep 77
AUTOANTIBODIES, analysis/ *AUTOIMMUNE DISEASES, blood/ BLOOD PLATELETS, immunology/ *BLOOD PLATELETS, ultrastructure/ COMPLEMENT/ ERYTHROCYTES, immunology/ *ERYTHROCYTES, ultrastructure/ HUMAN/ IGG/ IGM/ MONOCYTES, immunology/ PHAGOCYTOSIS/ *PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, immunology/ SPLENECTOMY/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10298. **Zuelzer WW, Lusher JM:** Childhood idiopathic thrombocytopenic purpura. Am J Dis Child 131(3):360–2, Mar 77
*ADRENAL CORTEX HORMONES, therapeutic use/ CHILD/ HUMAN/ *PURPURA, THROMBOPENIC, drug therapy

10299. **Zuinen C:** Etude de la tolérance et de l'efficaité du gel 1328 AN en traumatologie sportive Rev Med Liege 31(5):169–74, 1 Mar 76 **(Fre)**
ADMINISTRATION, TOPICAL/ ADULT/ *ATHLETIC INJURIES, drug therapy/ EDEMA, drug therapy/ ESCIN, administration & dosage/ *ESCIN, therapeutic use/ FEMALE/ GELS/ HEMATOMA, drug therapy/ HUMAN/ MALE/ MUSCLES, injuries/ *SAPONINS, therapeutic use/ SPRAINS AND STRAINS, drug therapy/ TENDINITIS, drug therapy/ THERMOGRAPHY

10300. **Zülch KJ:** Pathogenetic and clinical observations in spinovascular insufficiency. Zentralbl Neurochir 37(1):1–13, 1976
ARTERIAL OCCLUSIVE DISEASES/ ARTERIES/ FEMALE/ HEMANGIOMA/ HUMAN/ *INFARCTION/ INFARCTION, pathology/ MALE/ MIDDLE AGE/ SPINAL CORD DISEASES, complications/ *SPINAL CORD DISEASES, etiology/ SPINAL CORD INJURIES/ *SPINAL CORD, blood supply/ SPINAL CORD, pathology/ SYNDROME/ VARICOSE VEINS

10301. **Zumel M, Perez-Tabernero M:** Biología de los injertos aórticos en animales sometidos a dieta aterogénica Angiologia 28(5):254–70, Sep-Oct 76 **(Spa)**
*AORTA, ABDOMINAL, surgery/ *ARTERIOSCLEROSIS, surgery/ *BLOOD VESSEL PROSTHESIS/ *DIET, ATHEROGENIC/ EVALUATION STUDIES

10302. **Zurabian SA, Galstian SM, Galstian StM, et al:** K lecheniiu ostrykh trombozov sistemy nizhneĭ poloĭ veny. Zh Eksp Klin Med 17(2):75–80, 1977 **(Rus)**
ACUTE DISEASE/ FEMALE/ *FEMORAL VEIN/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *ILIAC VEIN/ MALE/ *THROMBOSIS, drug therapy/ *VENA CAVA, INFERIOR

10303. **Zurier RB, Doty J, Goldenberg A:** Cyclic AMP response to prostaglandin E1 in mononuclear cells from peripheral blood and synovial fluid of patients with rheumatoid arthritis. Prostaglandins 13(1):25–31, Jan 77
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ARTHRITIS, RHEUMATOID, metabolism/ BLOOD PLATELETS, metabolism/ CELL SEPARATION/ HUMAN/ MONOCYTES, metabolism/ PROSTAGLANDINS E, diagnostic use/ *PROSTAGLANDINS E, pharmacodynamics/ *SYNOVIAL FLUID, metabolism/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

10304. **ZuWallack RL, Liss JP, Lahiri B:** Acquired continuous murmur associated with acute pulmonary thromboembolism. Chest 70(4):557–9, Oct 76
ACUTE DISEASE/ ADULT/ CHRONIC DISEASE/ FEMALE/ *HEART AUSCULTATION/ *HEART MURMURS/ HUMAN/ MALE/ MIDDLE AGE/ PHONOCARDIOGRAPHY/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography

10305. **Zvantseva VA:** Gemangioma sinovial'noĭ obolochki kolennogo sustava Vestn Khir 117(8):52–5, Aug 76 (Eng. Abstr.) **(Rus)**
ADOLESCENCE/ ADULT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HUMAN/ *KNEE JOINT/ KNEE JOINT, surgery/ MALE/ *SYNOVIAL MEMBRANE

10306. **Zwaal RF, Comfurius P, van Deenen LL:** Membrane asymmetry and blood coagulation. Nature 268(5618):358–60, 28 Jul 77
*BLOOD COAGULATION/ BLOOD PLATELETS, ultrastructure/ CELL MEMBRANE, physiology/ CELL MEMBRANE, ultrastructure/ *ERYTHROCYTE MEMBRANE, physiology/ ERYTHROCYTE MEMBRANE, ultrastructure/ *ERYTHROCYTES, physiology/ HUMAN/ *MEMBRANE LIPIDS, blood/ *PHOSPHOLIPIDS, blood

10307. **Zytkovicz TH, Nelsestuen GL:** gamma-Carboxyglutamic acid distribution. Biochim Biophys Acta 444(2):344–8, 24 Sep 76
BLOOD PROTEINS, analysis/ CATTLE/ COMPLEMENT 3, analysis/ FACTOR X, analysis/ *GLUTAMATES, analysis/ HEMOLYMPH, analysis/ LAMPREYS/ *PROTEINS, analysis/ PROTHROMBIN, analysis/ RATS/ TROUT/

UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

ANONYMOUS

Acta Anaesthesiol Belg

10308. Recent advances in critical care. Acta Anaesthesiol Belg 27 suppl:363–7, 1976
ADRENAL CORTEX HORMONES, therapeutic use/ BRAIN DISEASES, drug therapy/ *CRITICAL CARE, methods/ HEPARIN, therapeutic use/ HUMAN/ IATROGENIC DISEASE/ *RESPIRATORS/ RESPIRATORY INSUFFICIENCY, drug therapy

Acta Vet Scand

10309. A porcine case of shwartzman's reaction in association with eryspielas. Acta Vet Scand 17(3):373–5, 1976
ANIMAL/ *ERYSIPELOTHRIX INFECTIONS, complications/ FEMALE/ SHWARTZMAN PHENOMENON, complications/ SHWARTZMAN PHENOMENON, pathology/ *SHWARTZMAN PHENOMENON, veterinary/ *SWINE DISEASES/ SWINE DISEASES, pathology/ *SWINE ERYSIPELAS, complications/ SWINE ERYSIPELAS, pathology/ SWINE

Am J Clin Pathol

10310. Disseminated intravascular coagulation [letter]. Am J Clin Pathol 68(1):93–5, Jul 77
COMPLEMENT, metabolism/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, immunology/ HEPARIN, therapeutic use/ HUMAN

Am J Med

10311. Decisions regarding the provision or withholding of therapy. Am J Med 61(6):915–23, Dec 76
*AGED/ AORTA, ABDOMINAL/ AORTIC ANEURYSM, mortality/ AORTIC ANEURYSM, surgery/ AORTIC RUPTURE, surgery/ *ATTITUDE TO DEATH/ *ETHICS, MEDICAL/ FEMALE/ HUMAN/ MALE/ *PHYSICIAN-PATIENT RELATIONS/ PNEUMONIA, complications/ PROSTATIC HYPERTROPHY, complications/ PULMONARY EMBOLISM, complications

10312. Staphylococcal bacteremia, bone lesions and pulmonary emboli. Am J Med 62(3):390–6, Mar 77
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENDOCARDITIS, BACTERIAL, diagnosis/ HUMAN/ LUMBAR VERTEBRAE, pathology/ LUNG, pathology/ MALE/ MIDDLE AGE/ OSTEOMYELITIS, diagnosis/ OSTEOMYELITIS, pathology/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, pathology/ *SEPTICEMIA, diagnosis/ SEPTICEMIA, pathology/ *SPINAL NEOPLASMS, diagnosis/ *STAPHYLOCOCCAL INFECTIONS, diagnosis/ STAPHYLOCOCCAL INFECTIONS, pathology

10313. The ethanol gelation test: priority and propriety [letter]. Am J Med 62(5):795–7, May 77
*ALCOHOL, ETHYL/ *BLOOD COAGULATION TESTS, methods

Am J Obstet Gynecol

10314. Oral contraceptives and thromboembolism [letter]. Am J Obstet Gynecol 126(5):607–23, 1 Nov 76
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *THROMBOEMBOLISM, chemically induced

Ann Intern Med

10315. Military tuberculosis and adult respiratory distress syndrome [letter]. Ann Intern Med 86(5):659–60, May 77
CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ MALE/ MIDDLE AGE/ POSITIVE-PRESSURE RESPIRATION/ *RESPIRATORY DISTRESS SYNDROME, ADULT, etiology/ *TUBERCULOSIS, MILIARY, complications/ TUBERCULOSIS, MILIARY, therapy

10316. Therapy for thrombotic thrombocytopenic purpura [letter]. Ann Intern Med 86(5):657–9, May 77
ASPIRIN, therapeutic use/ CASE REPORT/ DEXTRAN, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ FEMALE/ HUMAN/ HYDROCORTISONE, therapeutic use/ MALE/ METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ *PURPURA, THROMBOTIC THROMBOPENIC, drug therapy

10317. NIH conference. Factor VIII. Ann Intern Med 86(5):598–616, May 77
ADOLESCENCE/ ADULT/ AGED/ BLOOD PLATELETS, physiology/ BLOOD TRANSFUSION/ CHEMISTRY/ FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, metabolism/ *FACTOR VIII, physiology/ FEMALE/ HEMOPHILIA, diagnosis/ HEMOPHILIA, familial & genetic/ HEMOPHILIA, therapy/ HUMAN/ INFANT, NEWBORN/ MACROMOLECULAR SYSTEMS/ MALE/ MIDDLE AGE/ PLATELET AGGREGATION, drug effects/ RISTOCETIN, pharmacodynamics/ VON WILLEBRAND FACTOR, metabolism/ VON WILLEBRAND FACTOR, physiology/ VON WILLEBRAND'S DISEASE, diagnosis/ VON WILLEBRAND'S DISEASE, familial & genetic/ VON WILLEBRAND'S DISEASE, therapy

Br J Haematol

10318. Spectrum of von Willebrand's Disease: a study of 100 cases. Italian Working Group. Br J Haematol 35(1):101–12, Jan 77
ANTIGENS, analysis/ BLOOD COAGULATION TESTS/ FACTOR VIII, analysis/ FACTOR VIII, immunology/ FEMALE/ GENES, RECESSIVE/ HUMAN/ MALE/ PLATELET ADHESIVENESS/ PLATELET AGGREGATION, drug effects/ RISTOCETIN, pharmacodynamics/ VON WILLEBRAND FACTOR, analysis/ *VON WILLEBRAND'S DISEASE/ VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, diagnosis/ VON WILLEBRAND'S DISEASE, familial & genetic

Br Med J

10319. Clinicopathological conference. Case of leaking aortic aneurysm with oesophageal fistula. Br Med J 2(6035):567–71, 4 Sep 76
ANTICOAGULANTS, therapeutic use/ *AORTIC ANEURYSM, complications/ AORTIC ANEURYSM, diagnosis/ AORTIC ANEURYSM, pathology/ CASE REPORT/ *ESOPHAGEAL FISTULA, complications/ ESOPHAGEAL FISTULA, diagnosis/ ESOPHAGEAL FISTULA, pathology/ HEMORRHAGE, GASTROINTESTINAL, complications/ HUMAN/ MALE/ MIDDLE AGE/ TUBERCULOSIS, PULMONARY, complications/ UROGRAPHY, adverse effects

10320. Von Willebrand's disease [editorial]. Br Med J 2(6038):715–6, 25 Sep 76
CRYOGLOBULINS, therapeutic use/ FACTOR VIII, therapeutic use/ HUMAN/ *VON WILLEBRAND'S DISEASE, immunology/ VON WILLEBRAND'S DISEASE, therapy

10321. Elective surgery and the pill [editorial]. Br Med J

2(6035):546, 4 Sep 76
*BLOOD COAGULATION, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ *ESTROGENS, adverse effects/ FEMALE/ HUMAN

10322. Detection of the carrier of haemophilia [editorial]
Br Med J 2(6046):1217, 20 Nov 76
*CARRIER STATE, diagnosis/ FACTOR VII, diagnostic use/ FEMALE/ *HEMOPHILIA, diagnosis/ HUMAN

10323. Prevention of postoperative deep venous thrombosis [letter].
Br Med J 2(6045):1193–4, 13 Nov 76
HUMAN/ METHODS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

10324. Treatment of acute cerebral infarction [editorial].
Br Med J 1(6052):1–2, 1 Jan 77
ACUTE DISEASE/ ANTICOAGULANTS, therapeutic use/ CARBON DIOXIDE, therapeutic use/ *CEREBRAL EMBOLISM AND THROMBOSIS, therapy/ DEXTRAN, therapeutic use/ HUMAN/ VASODILATOR AGENTS, therapeutic use

10325. Multiple courses of ancrod (Arvin) therapy [letter].
Br Med J 1(6059):508–9, 19 Feb 1977
*ARVIN, administration & dosage/ ARVIN, therapeutic use/ DRUG RESISTANCE/ HUMAN/ *PEPTIDE PEPTIDOHYDROLASES, administration & dosage/ THROMBOEMBOLISM, drug therapy

10326. Stress, coronary disease, and platelet behaviour [editorial].
Br Med J 1(6058):408, 12 Feb 77
*BLOOD PLATELETS, physiology/ *CORONARY DISEASE, etiology/ HUMAN/ *STRESS, PSYCHOLOGICAL, physiology

10327. Hip fractures up to date [letter]. Br Med J 1(6057):377–8, 5 Feb 77
ANTICOAGULANTS, therapeutic use/ FRACTURE FIXATION, INTERNAL, adverse effects/ FRACTURE FIXATION, INTERNAL, methods/ *FRACTURES, surgery/ *HIP JOINT, injuries/ HUMAN/ POSTOPERATIVE COMPLICATIONS, drug therapy

10328. Streptokinase [editorial]. Br Med J 1(6066):927–8, 9 Apr 77
HUMAN/ *STREPTOKINASE, therapeutic use/ *THROMBOEMBOLISM, drug therapy

10329. Psoralens [letter]. Br Med J 1(6065):903, 2 Apr 77
*COUMARINS, therapeutic use/ FICUSIN, analogs & derivatives/ *FICUSIN, therapeutic use/ HUMAN/ *METHOXSALEN, therapeutic use/ *PSORIASIS, drug therapy

10330. Preventing thromboembolism after myocardial infarction [letter]. Br Med J 1(6064):837–8, 26 Mar 77
EARLY AMBULATION/ *HEPARIN, administration & dosage/ HUMAN/ *MYOCARDIAL INFARCT, complications/ SMOKING, complications/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

10331. Anticoagulants and heart valve replacement in pregnancy [editorial]. Br Med J 1(6068):1047–8, 23 Apr 77
ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, therapeutic use/ FEMALE/ *HEART VALVE PROSTHESIS/ *HEART VALVES, transplantation/ HUMAN/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, therapy/ PREGNANCY

10332. Pathogenesis of diabetic microangiopathy [editorial]
Br Med J 1(6076):1555–6, 18 Jun 77
BASEMENT MEMBRANE, blood supply/ BLOOD VISCOSITY/ *DIABETIC ANGIOPATHIES, etiology/ HUMAN/ KIDNEY GLOMERULUS, blood supply/ RETINA, blood supply

10333. Severe thrombophlebitis with Praxilene [letter] Br Med J 2(6079):121–2, 9 Jul 77
*FURANS, adverse effects/ HUMAN/ *NAFRONYL, adverse effects/ NAFRONYL, therapeutic use/ *THROMBOPHLEBITIS, chemically induced

Cent Afr J Med

10334. Drugs affecting platelet behaviour [editorial]
Cent Afr J Med 22(10):207, Oct 76
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ DEXTRAN, pharmacodynamics/ DIPYRIDAMOLE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ *PLATELET AGGREGATION, drug effects/ *THROMBOEMBOLISM, prevention & control

Circulation

10335. Prevention of venous thromboembolism in surgical patients by low-dose heparin: prepared by the Council on Thrombosis of the American Heart Association.
Circulation 55(2):423–426A, Feb 77
DOSE-RESPONSE RELATIONSHIP, DRUG/ *HEPARIN, administration & dosage/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ RISK/ *THROMBOEMBOLISM, prevention & control

Drug Ther Bull

10336. Low-dose heparin preparations for prophylactic use.
Drug Ther Bull 15(6):21–2, 18 Mar 77
HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

Eur Urol

10337 treatment:treatment. Eur Urol 1(1):3–13, 1975
ADULT/ BLADDER, injuries/ CHILD/ CYSTOSCOPY/ FEMALE/ FRACTURES, complications/ HEMATOMA, etiology/ HUMAN/ MALE/ PELVIC BONES, injuries/ RUPTURE/ *URETHRA, injuries/ URETHRA, surgery/ URETHRAL STRICTURE, surgery/ URINARY CATHETERIZATION/ UROGRAPHY/ WOUNDS, NONPENETRATING, surgery/ WOUNDS, PENETRATING, surgery

Folia Haematol (Leipz)

10338. Rundtischgespräch über aktuelle Probleme der thrombolytischen Therapie Folia Haematol (Leipz) 103(3):489–96, 1976 **(Ger)**
FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, adverse effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEPARIN, therapeutic use/ HUMAN/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy

Hosp Equip Supplies

10339. Developments in the use of intermittent compression.
Hosp Equip Supplies 22(3):10–1, Mar 76
COST BENEFIT ANALYSIS/ *HOSPITAL EQUIPMENT AND SUPPLIES/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PRESSURE/ *THROMBOEMBOLISM, prevention & control

IARC Monogr Eval Carcinog Risk Chem Man

10340. Coumarin.
IARC Monogr Eval Carcinog Risk Chem Man 10:113–9, 1976 (17 ref.)
ANIMAL/ BILE DUCT NEOPLASMS, chemically induced/ *CARCINOGENS/ CARCINOMA, chemically induced/ COUMARINS, metabolism/ *COUMARINS, toxicity/ DRUG SCREENING/ FEMALE/ HUMAN/ MALE/ ORGAN SPECIFICITY/ RABBITS/ RATS/ REVIEW/ SPECIES SPECIFICITY

IMJ

10341. Case report: pulmonary embolism [clinical conference]
IMJ 152(3):193–9, Sep 77
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ PULMONARY

EMBOLISM, physiopathology/ *PULMONARY EMBOLISM, surgery/ SPINAL INJURIES, complications/ VASCULAR DISEASES, surgery/ VENA CAVA, INFERIOR, surgery

10342. Subcapsular mass compressing the surface of the kidney. IMJ 152(2):90, 115, Aug 77
FEMALE/ *HEMATOMA, radiography/ HUMAN/ *KIDNEY CALCULI, radiography/ *KIDNEY DISEASES, radiography/ MIDDLE AGE/ *PYELONEPHRITIS, radiography/ TOMOGRAPHY, COMPUTERIZED AXIAL

In: Warner NL, et al., ed. Multiple myeloma and related immunoglobulin-producing neoplasms. Geneva, International Union Against Cancer, 1974. W1 U413 v.13 1974.

10343. Multiple myeloma. Pathophysiology of immunoglobulin-producing neoplasms. pp. 78–86. In: Warner NL, et al., ed. Multiple myeloma and related immunoglobulin-producing neoplasms. Geneva, International Union Against Cancer, 1974. W1 U413 v.13 1974. (62 ref.)
AGGLUTININS/ AMYLOIDOSIS, immunology/ ANTIGENIC DETERMINANTS/ AUTOANTIBODIES/ BINDING SITES, ANTIBODY/ BLOOD COAGULATION DISORDERS, immunology/ CALCIUM, metabolism/ CELL MEMBRANE, immunology/ COLD/ HUMAN/ IGG/ IGM/ IMMUNOCHEMISTRY/ *IMMUNOGLOBULINS, biosynthesis/ IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, LIGHT CHAIN, metabolism/ IMMUNOSUPPRESSION/ KIDNEY DISEASES, immunology/ LIPOPROTEINS, immunology/ *MACROGLOBULINEMIA, immunology/ MONOGRAPH/ *MULTIPLE MYELOMA, immunology/ MULTIPLE MYELOMA, metabolism/ REVIEW

JAMA

10344. Research findings of potential value to the practitioner. JAMA 236(15):1685–6, 11 Oct 76
*BREAST NEOPLASMS, drug therapy/ CHENODEOXYCHOLIC ACID, therapeutic use/ *CHOLELITHIASIS, drug therapy/ *EPILEPSY, drug therapy/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *PULMONARY EMBOLISM, prevention & control/ RESEARCH/ UNITED STATES NATIONAL INSTITUTES OF HEALTH/ UNITED STATES

10345. Congenital hemorrhagic disorders. Better tests for von Willebrand's. Low dosage in diabetic ketoacidosis. JAMA 238(15):1625–6, 10 Oct 77
*ACIDOSIS, DIABETIC, drug therapy/ ANIMAL/ DISEASE MODELS, ANIMAL/ DOGS/ FEMALE/ HUMAN/ *INSULIN, administration & dosage/ INSULIN, therapeutic use/ MALE/ METHODS/ *VON WILLEBRAND'S DISEASE, diagnosis

Lab Delo

10346. Unifitsirovannye metody laboratornykh issledovanii Lab Delo (5):307–11, 1976 **(Rus)**
*BLOOD COAGULATION TESTS, methods/ *HEMOGLOBINS, analysis/ HUMAN/ NITRILES, diagnostic use

10347. Poluchenie, khranenie i primenenie testovykh reaktivov dlia tkanevogo tipirovaniia pri allogennykh transplantatsiiakh i gemotransfuziiakh (metodicheskie rekomendatsii) Lab Delo (10):630–8, 1976 **(Rus)**
*BLOOD GROUPS/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CYTOTOXICITY TESTS, IMMUNOLOGIC, methods/ HEMAGGLUTINATION TESTS/ *HISTOCOMPATIBILITY ANTIGENS, isolation & purification/ HISTOCOMPATIBILITY TESTING, instrumentation/ *HISTOCOMPATIBILITY TESTING, methods/ *HL-A, isolation & purification/ HUMAN/ *IMMUNE SERUMS/ *INDICATORS AND REAGENTS, diagnostic use/ TRANSPLANTATION, ALLOGENEIC

10348. Unitsirovannye klinicheskie laboratornye metody issledovaniia Lab Delo (12):748–51, 1976 **(Rus)**
*CHOLINESTERASES, blood/ COLORIMETRY/ *ENZYME TESTS/ ENZYME TESTS, methods/ ERYTHROCYTES, enzymology/ *GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ HUMAN/ SPECTROPHOTOMETRY/ *TRYPSIN, analysis

Lakartidningen

10349. Diagnostik och behandling vid subaraknoidalblödning Lakartidningen 74(10):925–34, 9 Mar 77 (Eng. Abstr.) **(Swe)**
ADULT/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ CEREBRAL ANEURYSM, complications/ CEREBRAL ANEURYSM, surgery/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ CEREBROSPINAL FLUID, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ SPECTROPHOTOMETRY/ *SUBARACHNOID HEMORRHAGE, diagnosis/ SUBARACHNOID HEMORRHAGE, mortality/ *SUBARACHNOID HEMORRHAGE, therapy

Lancet

10350. Barter's syndrome [editorial] Lancet 2(7988):721–2, 2 Oct 76
*BARTTER'S DISEASE/ BARTTER'S DISEASE, etiology/ HUMAN/ *HYPERALDOSTERONISM/ KALLIKREIN, metabolism/ METABOLISM, INBORN ERRORS, complications/ PROSTAGLANDINS E, metabolism/ SODIUM, metabolism

10351. P.G.X: a natural antithrombotic substance [editorial]? Lancet 2(7993):1005, 6 Nov 76
ANIMAL/ ARTERIOSCLEROSIS, pathology/ ARTERIOSCLEROSIS, physiopathology/ BLOOD VESSELS, physiology/ *FIBRINOLYTIC AGENTS/ HUMAN/ MUSCLE RELAXING FACTOR, physiology/ MUSCLE, SMOOTH, physiology/ *PROSTAGLANDINS, physiology/ RABBITS/ SWINE/ THROMBOSIS, pathology/ THROMBOSIS, prevention & control/ THROMBOSIS, physiopathology

10352. Postoperative deep-vein thrombosis, pulmonary embolism, and high-fibre diet [letter]. Lancet 2(7996):1197–8, 27 Nov 76
*CELLULOSE, therapeutic use/ CONSTIPATION, complications/ *DIETARY FIBER, therapeutic use/ HUMAN/ ILIAC VEIN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, etiology

10353. Vascular disease and diet [letter]. Lancet 2(7998):1301, 11 Dec 76
*ARTERIOSCLEROSIS, occurrence/ *CELLULOSE, therapeutic use/ *DIETARY FIBER, therapeutic use/ HUMAN/ *THROMBOPHLEBITIS, prevention & control/ *VARICOSE VEINS, occurrence

10354. Prevention of thrombosis [editorial]. Lancet 1(8003):127–8, 15 Jan 77
ANTIOXIDANTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, prevention & control/ ASPIRIN, therapeutic use/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, physiology/ *THROMBOSIS, prevention & control

10355. D.D.A.V.P. in haemophilia [editorial]. Lancet 1(8017):889–90, 23 Apr 77
BLOOD COAGULATION, drug effects/ DEAMINO ARGININE VASOPRESSIN, pharmacodynamics/ *DEAMINO ARGININE VASOPRESSIN, therapeutic use/ *HEMOPHILIA, drug therapy/ HEMORRHAGE, etiology/ *HEMORRHAGE, prevention & control/ HUMAN/ *VASOPRESSIN, analogs & derivatives/ *VON WILLEBRAND'S DISEASE, drug therapy

10356. Pseudomembranous enterocolitis [editorial]. Lancet 1(8016):839–40, 16 Apr 77

*ENTEROCOLITIS, ACUTE/ ENTEROCOLITIS, ACUTE, diagnosis/ SHWARTZMAN PHENOMENON, complications

10357. Enzyme secretion in the pathogenesis of rheumatoid arthritis [editorial]. Lancet 1(8023):1190–1, 4 Jun 77
ARTHRITIS, RHEUMATOID, enzymology/ *ARTHRITIS, RHEUMATOID, etiology/ *CLOSTRIDIOPEPTIDASE A, secretion/ ENZYME ACTIVATION/ HUMAN/ SYNOVIAL MEMBRANE, enzymology/ TRYPSIN, secretion

10358. beta-thromboglobulin and heparin-neutralising activity test in clinical conditions [letter] Lancet 1(8022):1153–4, 28 May 77
ACUTE DISEASE/ ADULT/ AGED/ *BETA GLOBULINS, analysis/ BLOOD COAGULATION TESTS/ BLOOD COAGULATION/ *BLOOD PLATELETS, analysis/ FEMALE/ *HEPARIN, blood/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ PLATELET FACTOR 4, analysis/ PREGNANCY/ RADIOIMMUNOASSAY/ THROMBIN, analysis/ THROMBOPHLEBITIS, blood/ THROMBOSIS, blood/ TIME FACTORS

10359. The hazards of thorotrast [editorial]. Lancet 1(8025):1297, 18 Jun 77
ANEMIA, APLASTIC, etiology/ ANGIOSARCOMA, etiology/ *CARCINOGENS/ HEMANGIOENDOTHELIOMA, etiology/ HUMAN/ NEOPLASMS, RADIATION-INDUCED, etiology/ RADIATION INJURIES, etiology/ *THORIUM DIOXIDE, adverse effects

10360. Detecting haemophilia carriers [editorial] Lancet 2(8033):339–40, 13 Aug 77
BLOOD COAGULATION TESTS/ *FACTOR VIII, analysis/ FEMALE/ HEMOPHILIA, blood/ *HEMOPHILIA, familial & genetic/ HEMOPHILIA, transmission/ HUMAN/ IMMUNOLOGIC TECHNICS/ MALE/ SEX CHROMOSOMES

10361. Vitamin-K deficiency in the newborn [letter] Lancet 2(8030):187–8, 23 Jul 77
BLOOD COAGULATION FACTORS, analysis/ *HEMORRHAGIC DISEASE OF NEWBORN, prevention & control/ HUMAN/ INFANT, NEWBORN/ *VITAMIN K DEFICIENCY, prevention & control/ VITAMIN K, therapeutic use

10362. Mechanical measures against deep-vein thrombosis [editorial] Lancet 2(8036):490, 3 Sep 77
ARM, blood supply/ HUMAN/ LEG, blood supply/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PRESSURE/ *THROMBOPHLEBITIS, prevention & control/ *TOURNIQUETS

Med J Aust

10363. Australian multicentre trial of streptokinase in acute myocardial infarction. Med J Aust 1(15):553, 9 Apr 77
ACUTE DISEASE/ AGED/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ *STREPTOKINASE, therapeutic use

Med Lett Drugs Ther

10364. Adverse interactions of drugs. Med Lett Drugs Ther 19(2):5–12, 28 Jan 77
ANTI-INFECTIVE AGENTS, pharmacodynamics/ ANTICOAGULANTS, pharmacodynamics/ ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ DIURETICS, pharmacodynamics/ *DRUG INTERACTIONS/ *DRUG THERAPY, adverse effects/ HUMAN/ HYPOGLYCEMIC AGENTS, pharmacodynamics/ PSYCHOTROPIC DRUGS, pharmacodynamics

10365. Avitene - a new topical hemostatic agent. Med Lett Drugs Ther 19(6):28, Mar 25 77
*COLLAGEN, therapeutic use/ *HEMOSTATICS/ HEMOSTATICS, administration & dosage/ HEMOSTATICS, adverse effects/ HEMOSTATICS, pharmacodynamics/ PLATELET AGGREGATION, drug effects

10366. Administration and monitoring of heparin therapy. Med Lett Drugs Ther 19(7):31–2, 8 Apr 77
*HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS

10367. Low-dose heparin prophylaxis and pulmonary embolism. Med Lett Drugs Ther 19(17):71–2, 26 Aug 77
ADULT/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *HEPARIN, administration & dosage/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PULMONARY EMBOLISM, prevention & control

Med Monatsschr

10368. Ist die Blutkörperchensenkungsreaktion noch aktuell Med Monatsschr 30(10):473–5, Oct 76 **(Ger)**
*BLOOD PLATELETS/ *BLOOD SEDIMENTATION/ HUMAN/ INFLAMMATION, blood/ NEOPLASMS, blood

N Engl J Med

10369. Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 44–1976. N Engl J Med 295(18):1003–8, 28 Oct 76
AGED/ CASE REPORT/ CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ CHOLANGIOMA, diagnosis/ *CHOLANGIOMA, pathology/ DIAGNOSIS, DIFFERENTIAL/ ENDOCARDITIS, pathology/ FEMALE/ GALLBLADDER NEOPLASMS, diagnosis/ HUMAN/ LIVER NEOPLASMS, diagnosis/ *LIVER NEOPLASMS, pathology/ LIVER NEOPLASMS, secretion/ MUCIN, secretion/ NEOPLASM METASTASIS/ PULMONARY EMBOLISM, pathology/ SPLENIC INFARCTION, pathology/ THROMBOSIS, diagnosis/ *THROMBOSIS, pathology

10370. Case records of the Massachusetts General Hospital. Weekly clinicopathological exrecises. Case 49–1976. N Engl J Med 295(23):1309–13, 2 Dec 76
CASE REPORT/ CECUM, pathology/ COLON, pathology/ DIAGNOSIS, DIFFERENTIAL/ EMBOLISM, drug therapy/ HEMATOMA, diagnosis/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, diagnosis/ *HEMORRHAGE, GASTROINTESTINAL, pathology/ HUMAN/ ILEUM, pathology/ INTESTINAL MUCOSA, pathology/ INTESTINAL OBSTRUCTION, diagnosis/ INTESTINE, SMALL/ MALE/ MESENTERY, pathology/ MIDDLE AGE/ *WARFARIN, adverse effects/ WARFARIN, therapeutic use

10371. Thrombocytopenia during heparin therapy [letter]. N Engl J Med 295(21):1200–1, 18 Nov 76
BLOOD PLATELETS, immunology/ *HEPARIN, adverse effects/ HEPARIN, immunology/ HUMAN/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, immunology

10372. Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 1–1977. N Engl J Med 296(1):33–40, 6 Jan 77
CASE REPORT/ CYANOSIS, etiology/ DIAGNOSIS, DIFFERENTIAL/ *HEART VENTRICLE, pathology/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, diagnosis/ THROMBOEMBOLISM, complications/ THROMBOEMBOLISM, diagnosis/ *THROMBOEMBOLISM, pathology/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ *TRICUSPID VALVE, pathology

10373. Aspirin, fibrinolysis and menstruation [letter]. N Engl J Med 296(22):1299–300, 2 Jun 77
*ASPIRIN, pharmacodynamics/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ *MENSTRUATION

10374. Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 27–1977. N Engl J Med 297(1):37–45, 7 Jul 77
AORTOCORONARY BYPASS/ CASE REPORT/

HEART ANEURYSM, surgery/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, instrumentation/ HEART VENTRICLE/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE/ MITRAL VALVE, surgery/ MYOCARDIAL INFARCT, pathology/ POSTOPERATIVE COMPLICATIONS/ THROMBOSIS, etiology/ *THROMBOSIS, pathology

10375. Side effects of miconazole for systemic mycoses [letter] N Engl J Med 297(14):786–7, 6 Oct 77
BLOOD PLATELETS, drug effects/ *HEMATOLOGIC DISEASES, chemically induced/ HUMAN/ *HYPERLIPEMIA, chemically induced/ *IMIDAZOLES, adverse effects/ *MICONAZOLE, adverse effects/ MICONAZOLE, therapeutic use/ *MYCOSES, drug therapy

10376. Pulmonary embolism and infarction [letter] N Engl J Med 297(14):789–90, 6 Oct 77
HEMORRHAGE/ HUMAN/ *INFARCTION/ *LUNG, blood supply/ *PULMONARY EMBOLISM

Nord Med

10377. Komplikationer till venös insufficiens ett stort medicinskt och ekonomiskt problem. Nord Med 92(6–7):183–7, Jun 77 **(Dan)**
AGED/ ATROPHY/ DERMATITIS, etiology/ ECONOMICS, MEDICAL/ HEMORRHAGE, etiology/ HUMAN/ PROGNOSIS/ SKIN, pathology/ THROMBOPHLEBITIS, etiology/ VARICOSE ULCER, etiology/ VARICOSE VEINS, etiology/ *VENOUS INSUFFICIENCY, complications/ WOUND HEALING

Nutr Rev

10378. Dietary essential fatty acids, prostaglandin formation and platelet aggregation. Nutr Rev 34(8):243–6, Aug 76 (12 ref.)
ARACHIDONIC ACIDS, blood/ ARACHIDONIC ACIDS, pharmacodynamics/ BLOOD PLATELETS, metabolism/ *FATTY ACIDS, ESSENTIAL/ FATTY ACIDS, ESSENTIAL, blood/ HUMAN/ LINOLEIC ACIDS, blood/ LINOLEIC ACIDS, pharmacodynamics/ MALE/ PHOSPHOLIPIDS, blood/ *PLATELET AGGREGATION, drug effects/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, pharmacodynamics/ RATS/ REVIEW/ THROMBIN, pharmacodynamics

10379. Interaction between vitamin K1 and fat absorption. Nutr Rev 34(10):314–5, Oct 76 (2 ref.)
ANIMAL/ BILE ACIDS AND SALTS, physiology/ BIOLOGICAL TRANSPORT, ACTIVE/ FATTY ACIDS, pharmacodynamics/ GLYCERIDES, pharmacodynamics/ INTESTINAL ABSORPTION/ *INTESTINE, SMALL, physiology/ *LIPIDS, metabolism/ MALABSORPTION SYNDROMES, etiology/ MICELLES, metabolism/ PHOSPHATIDYLCHOLINES, pharmacodynamics/ *PHYTONADIONE, metabolism/ RATS/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP

10380. Plant foods and atherosclerosis. Nutr Rev 35(6):148–50, Jun 77 (12 ref.)
ANIMAL/ *ARTERIOSCLEROSIS, etiology/ *ATHEROSCLEROSIS, etiology/ COMPARATIVE STUDY/ DIET, ATHEROGENIC/ DIETARY FATS/ DIETARY FIBER/ *DIETARY PROTEINS/ DIETARY PROTEINS, adverse effects/ HUMAN/ HYPERCHOLESTEREMIA, diet therapy/ HYPERCHOLESTEREMIA, etiology/ PHYTOSTEROLS, therapeutic use/ PLANT PROTEINS/ *PLANTS, EDIBLE/ REVIEW

Rev Med Chir Soc Med Nat Iasi

10381. Socul toxico-septic. Iaşi, 26 aprilie 1975
Rev Med Chir Soc Med Nat Iasi 80(1):131–58, Jan-Mar 76 **(Rum)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ BACTERIAL INFECTIONS, complications/ BLOOD COAGULATION DISORDERS, complications/ BLOOD TRANSFUSION/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HEPARIN, therapeutic use/ HUMAN/ OXYGEN INHALATION THERAPY

S Afr Med J

10382. [Heparin prophylaxis in thrombo-embolic disease [editorial]. S Afr Med J 50(55):2143, 25 Dec 76
*HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

10383. Mesenteric venous occlusion. S Afr Med J 51(16):545–8, 16 Apr 77
ADULT/ CASE REPORT/ HUMAN/ MALE/ *MESENTERIC VASCULAR OCCLUSION, pathology/ *MESENTERIC VEINS, pathology/ *THROMBOSIS, pathology

10384. British comparative thromboplastin [letter] S Afr Med J 51(20):693, 14 May 77
GREAT BRITAIN/ SOUTH AFRICA/ *THROMBOPLASTIN, standards/ WORLD HEALTH ORGANIZATION

Southeast Asian J Trop Med Public Health

10385. SEAMEO-TROPMED Scientific Group Meeting: Malaria in Southeast Asia.
Southeast Asian J Trop Med Public Health 7(4):641–78, Dec 76
ADULT/ AEDES/ ANTIMALARIALS, therapeutic use/ ASIA, SOUTHEASTERN/ BLOOD TRANSFUSION, adverse effects/ CHILD/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FEMALE/ HEMOLYSIS/ HUMAN/ IMMUNIZATION/ INSECTICIDES/ KIDNEY FUNCTION TESTS/ MALARIA, diagnosis/ *MALARIA, occurrence/ MALARIA, prevention & control/ MALE/ PREGNANCY/ RESEARCH

Thorax

10386. Biological effects of proteolytic enzyme detergents. Thorax 31(6):621–34, Dec 76 (74 ref.)
ANIMAL/ ANTIBODIES, analysis/ ASTHMA, chemically induced/ *DETERGENTS, adverse effects/ ENVIRONMENTAL POLLUTION, prevention & control/ GUINEA PIGS/ HUMAN/ IGE, analysis/ OCCUPATIONAL DISEASES, chemically induced/ OCCUPATIONAL DISEASES, occurrence/ *PEPTIDE HYDROLASES, adverse effects/ PEPTIDE HYDROLASES, toxicity/ RESPIRATORY FUNCTION TESTS/ RESPIRATORY HYPERSENSITIVITY, etiology/ RESPIRATORY HYPERSENSITIVITY, immunology/ RESPIRATORY HYPERSENSITIVITY, occurrence/ REVIEW/ SKIN TESTS

Vardfacket

10387. Inkektion av för stor dos heparin. Vardfacket 1(9):17, 10 Jun 77 **(Swe)**
AGED/ CASE REPORT/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ *HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HUMAN/ JURISPRUDENCE/ MALE/ SWEDEN

Virologie

10388. [Markers of attenuated eastern equine encephalitis virus bound to the protein envelope] Virologie 27(4):265–71, Oct-Dec 76 **(Rus)**
CATIONS, DIVALENT, pharmacodynamics/ CATIONS, MONOVALENT, pharmacodynamics/ *ENCEPHALITIS VIRUS, EASTERN EQUINE/ ENCEPHALITIS VIRUS, EASTERN EQUINE, pathogenicity/ *ENCEPHALITIS VIRUSES/ ENCEPHALITIS VIRUSES, pathogenicity/ HEAT/ HYDROGEN-ION CONCENTRATION/ PEPTIDE HYDROLASES/ *VIRAL PROTEINS/ VIRULENCE

Vox Sang

10389. Fresh blood – a myth or a real need? Vox Sang 31(5):368–79, Nov 76

*BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ HUMAN/ TIME FACTORS

10390. What is the place of red cell freezing in the logistics of a modern national blood service? Vox Sang 33(1):51–64, Jul 77
BLOOD BANKS/ *BLOOD PRESERVATION/ CRYOPROTECTIVE AGENTS/ *ERYTHROCYTES/ FREEZING/ GLYCERIN

West J Med

10391. Infectious disease emergencies. Part II: patients presenting with cardiac decompensation or circulatory insufficiency (shock). West J Med 125(2):119–36, Aug 76
ADOLESCENCE/ ADULT/ AGED/ CHILD/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *EMERGENCIES/ ENDOCARDITIS, diagnosis/ FEMALE/ HEART DISEASES, diagnosis/ *HEART DISEASES, therapy/ HUMAN/ *INFECTION, diagnosis/ INFECTION, therapy/ MALE/ MIDDLE AGE/ MYOCARDITIS, diagnosis/ PERICARDITIS, diagnosis/ *SEPTICEMIA/ *SHOCK, SEPTIC

10392. Cold injury in a trauma patient. West J Med 125(3):237–40, Sep 76
CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *FRACTURES, complications/ HUMAN/ *HYPOTHERMIA, complications/ KIDNEY FAILURE, ACUTE, etiology/ MALE/ MIDDLE AGE/ UNITED STATES GOVERNMENT SUPPORTED, N.I.H.

WHO Tech Rep Ser

10393. WHO expert comittee on biological standardization: twenty-seventh report. WHO Tech Rep Ser (594):1–86, 1976
ADULT/ ANIMAL/ *ANTIBIOTICS, standards/ ANTIBODIES/ ANTIGENS/ *BIOLOGICAL PRODUCTS, standards/ CHICK EMBRYO/ GUINEA PIGS/ HUMAN/ MICE/ MONKEYS/ THROMBIN, standards/ VACCINES, standards/ *WORLD HEALTH ORGANIZATION

10394. The role of immune complexes in disease. WHO Tech Rep Ser (606):1–58, 1977 (214 ref.)
ANTIBODY SPECIFICITY/ *ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS/ BASOPHILS, immunology/ BLOOD PLATELETS, immunology/ COMPLEMENT/ EOSINOPHILS, immunology/ HUMAN/ IMMUNE COMPLEX DISEASE, etiology/ *IMMUNE COMPLEX DISEASE, immunology/ IMMUNE COMPLEX DISEASE, therapy/ IMMUNITY/ IMMUNOGLOBULINS/ IMMUNOLOGIC TECHNICS/ INFECTION, complications/ INFECTION, immunology/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ MACROPHAGES, immunology/ MAST CELLS, immunology/ MITOGENS, pharmacodynamics/ NEUTROPHILS, immunology/ REVIEW

A

A-23187: 1049, 1108, 1521, 1523, 1795–1796, 3061, 3135, 3477, 3684–3685, 3835, 3948, 4263, 4544, 4729, 5440, 6446, 7162, 7185, 7657, 8189, 9879, 10188
ABATTOIRS: 442, 1527
ABDOMEN: 322, 530, 1339, 1713, 2235, 2373, 2452, 2934, 3412, 4061, 4295, 4324–4325, 5443, 5590, 6186, 6241, 6724, 8132, 8256, 8266, 9012, 9173, 9224, 9598, 9859
ABDOMEN, ACUTE: 358, 2373, 2395, 4099, 4689, 4848, 6413, 6415, 6958, 7479, 7553, 9257, 9679
ABDOMINAL INJURIES: 51, 1501, 2395, 4042, 4195, 4805, 6160, 7132, 7479, 8657
ABDOMINAL NEOPLASMS: 2051, 3384, 7826, 10283
ABDOMINAL WALL: 2373, 3443, 3584, 4444, 4792, 4847, 7148, 8177, 9546, 9858
ABETALIPOPROTEINEMIA: 1759, 4926
ABNORMALITIES: 781, 1476, 5441, 5669
ABNORMALITIES, DRUG-INDUCED: 5, 540, 1717, 3290, 3490, 3955, 4900, 5776, 6740, 7651, 7982, 8381, 8849, 9803
ABNORMALITIES, MULTIPLE: 2335, 3955, 4847, 5123, 6775, 7577, 7751, 9803
ABO BLOOD-GROUP SYSTEM: 1111, 1683, 2751, 2976, 3414, 3568, 3761, 4041, 4330, 4452, 5224, 5675, 6457, 6498, 6733, 7909, 8185, 8451, 8536, 8737, 8913, 9184, 9511, 10128, 10278
ABOMASUM: 9981
ABORTIFACIENT AGENTS: 1305
ABORTIFACIENT AGENTS, NON-STEROIDAL: 1305
ABORTION: 2575, 3761, 3832, 4043, 4109, 6739–6740, 10192
ABORTION, HABITUAL: 8709
ABORTION, INCOMPLETE: 8590
ABORTION, INDUCED: 217, 540, 991, 1305, 2575, 3462, 3985, 4257, 4675, 4739, 4772
ABORTION, MISSED: 3565, 3827, 4789
ABORTION, SEPTIC: 1465, 3327, 3565, 4499, 4772
ABORTION, THERAPEUTIC: 8709
ABORTION, THREATENED: 3490
ABORTION, VETERINARY: 4229
ABRUPTIO PLACENTAE: 991, 3565, 4772, 5078, 8401
ABSCESS: 218, 240, 801, 1621, 2235, 2361, 2650, 2658, 3344, 4324–4325, 4553, 4604, 5019, 6314, 7623, 8351, 8475, 8741, 9056, 9859, 9887, 10146
ABSCESS, PERITONSILLAR: 240
ABSENTEEISM: 6776
ABSORPTION: 553, 555, 711, 1226, 1393, 1691, 3537, 3933, 4089, 5042, 5682, 5884, 6232, 6772, 6822–6823, 7314, 8041, 10056, 10261
ACADEMIES AND INSTITUTES: 3451
ACANTHOCYTES: 4926
ACCELERATION: 8603
ACCIDENTS: 1091, 1718, 3030, 4457, 4691
ACCIDENTS, HOME: 6864, 9094
ACCIDENTS, INDUSTRIAL: 2001, 6120
ACCIDENTS, TRAFFIC: 1853, 4015, 4457, 7991, 8144, 9094, 9420, 9428, 9451, 9827, 10051
ACCLIMATIZATION: 147, 1484, 3410, 3618
ACENOCOUMAROL: 656, 820, 2121, 2143, 3069, 3139, 4243, 4725, 5266, 5466, 6143, 7778, 8215, 10272
ACETABULUM: 3360
ACETALDEHYDE: 1999
ACETAMIDES: 3387, 6490, 6742, 9317, 9361
ACETAMINOPHEN: 180, 310, 2739, 5146, 7606
ACETANILIDE: 4070, 4358
ACETATES: 887, 1491, 2643, 2854, 3612, 4083, 5370, 6107, 7184, 10012
ACETAZOLAMIDE: 7606
ACETIC ACIDS: 1185, 1571, 2114, 4028, 5107, 6129, 6872, 6989, 7449, 8717, 9353
ACETOACETATES: 2151–2152, 2152, 8037
ACETONE: 497, 1100, 1163, 6169, 9070, 9668
ACETOPHENONES: 1362, 3889, 4659, 8902, 9534
ACETOXYACETYLAMINOFLUORENE: 4530
ACETRIZOIC ACID: 591
ACETYL COA CARBOXYLASE: 2811, 10057
ACETYL COENZYME A: 1999, 9216
ACETYLATION: 92, 2853, 4137, 5266, 6887
ACETYLCHOLINE: 115, 346–347, 1276, 1409, 1619, 2266, 2533, 4166–4167, 6155, 6897, 8654, 9406, 10155, 10174
ACETYLCHOLINESTERASE: 622, 1619, 3662, 3879, 4409, 5749, 5976, 6461, 8185, 8502
ACETYLCYSTEINE: 2434, 3345, 4914, 5947, 7404, 8137
ACETYLENE: 9759
ACETYLESTERASE: 3840, 6360
ACETYLGALACTOSAMINE: 4750, 6350, 6498, 7909, 9459
ACETYLGLUCOSAMINE: 437, 3340, 4751, 6848, 7842, 8107
ACETYLGLUCOSAMINIDASE: 193, 1512, 1777, 2157, 2894, 4894, 6708, 8644, 8892, 9963
ACETYLTRANSFERASES: 1386, 1619, 9216–9217
ACHILLES TENDON: 8748
ACHOLEPLASMA: 4448
ACHOLEPLASMA LAIDLAWII: 4448
ACHROMOBACTERIACEAE: 869
ACID-BASE EQUILIBRIUM: 1368, 4791, 5491, 6015, 6500, 7034, 7182, 7350, 8057, 8527, 10049
ACID-BASE IMBALANCE: 1465, 1854, 5681, 5893, 9364, 10254
ACID PHOSPHATASE: 182, 385, 449, 703, 927, 1011, 1187, 2157, 2200, 2287, 2477, 2566, 2995–2996, 2998, 3253, 3772, 4404, 4745, 4782, 4840, 5602, 5694, 6360, 6467, 6533, 7018, 7625, 7858, 8644, 9076, 9110, 9120, 9568, 9750, 9963
ACIDOSIS: 744, 1029, 1764, 3107, 3874, 4532, 6492, 7336, 8122, 8317, 8527
ACIDOSIS, DIABETIC: 2282, 4570, 5200, 10238, 10345
ACIDOSIS, RENAL TUBULAR: 3312, 5291
ACIDOSIS, RESPIRATORY: 5075
ACIDS: 399, 590, 2969, 3271, 6063, 9284
ACINETOBACTER: 9210
ACNE: 2672, 4233
ACOUSTIC NERVE: 8307
ACOUSTIC STIMULATION: 2082, 7707
ACOUSTIC TRAUMA: 5050
ACOUSTICS: 9973
ACRIDINES: 1118, 1298, 7896, 8061, 8457
ACRIFLAVINE: 3641, 8457
ACRODERMATITIS: 8681, 9908
ACROMEGALY: 1771, 9540
ACROSIN: 142, 193, 1015–1017, 1118, 2972–2973, 3361, 3521, 5331, 6360, 7282–7284, 8074–8075, 8088, 8099, 8113, 9255–9256, 9286, 10198
ACROSOME: 193, 2929, 3361, 5558, 6360, 6837, 9286, 9449, 10198
ACRYLAMIDES: 3031, 5015, 7077, 7777, 8389
ACRYLATES: 5483
ACRYLIC RESINS: 727, 1809, 5015, 6520, 6846, 6980, 9372
ACRYLONITRILE: 1809, 3222, 5482–5483, 8496
ACTIHAEMYL: 3810
ACTIN: 49, 131, 654, 1000, 1077, 1963, 2245, 2441, 2558, 3663, 4225, 4661, 5236, 5608, 6785, 6912, 7520, 8418, 9113, 9394, 10099, 10102
ACTININ: 3941
ACTINOMYCES: 2365–2366, 2426, 2462, 3003, 4545, 5139, 7911, 9030, 9248, 9413, 9525
ACTINOMYCETALES: 6007
ACTINOMYCIN: 1526, 2626, 7634
ACTINOMYCOSIS: 567
ACTION POTENTIALS: 6410, 7946, 9143
ACTIVITIES OF DAILY LIVING: 4846, 7681, 7817, 8003
ACTOMYOSIN: 49, 228, 1000, 2245, 3941, 4261, 5608, 5810, 6403, 7520, 8418, 10124
ACUPUNCTURE: 4215, 7781
ACUTE DISEASE: 74, 134, 140, 146, 162, 167, 186, 188, 192, 227, 229, 235, 310, 315, 409, 448–449, 461, 475, 488, 521, 524, 577, 628, 644, 676, 852, 1027, 1039, 1082, 1116, 1129, 1256, 1279–1280, 1308, 1429, 1533–1534, 1543, 1703, 1772, 1781, 1831, 1883, 2012, 2016, 2098, 2124, 2157, 2163, 2234, 2308, 2324, 2357, 2399, 2422, 2468, 2499, 2529, 2549, 2592, 2606, 2633, 2645, 2690, 2720, 2766, 2779–2780, 2919, 3110, 3114, 3149, 3186, 3203, 3237, 3295, 3346, 3463, 3467, 3510, 3536, 3609–3610, 3672, 3769, 3830, 3874, 3876, 3894, 3936, 3999, 4093, 4222, 4253, 4286, 4340, 4354, 4455, 4475, 4569, 4594, 4620, 4666, 4692, 4699, 4742, 4826, 4834, 4878, 4890, 4899, 4931, 4971, 5002–5003, 5031, 5060, 5080, 5107, 5146, 5182, 5191, 5220, 5242, 5363–5364, 5377, 5428, 5464, 5627, 5634, 5641–5642, 5702, 5734, 5762, 5771, 5795–5796, 5799, 5804, 5839, 5902, 6140, 6165, 6201, 6245, 6276, 6348, 6366, 6399, 6419, 6431, 6448, 6491, 6529, 6540, 6553, 6603, 6621, 6647, 6656, 6727, 6741, 6769, 6794–6795, 6838, 6940, 6980, 6982, 7088, 7177–7178, 7258, 7288, 7331, 7443, 7447, 7454, 7463, 7472, 7482–7483, 7535, 7541, 7572, 7591, 7596, 7610, 7679, 7688, 7718, 7805, 7829, 7845, 7854, 7864, 7868, 7912, 8006, 8012–8013, 8054, 8196–8197, 8237, 8252, 8272, 8326, 8370, 8413–8414, 8439, 8455, 8463, 8566, 8572, 8590, 8598, 8629, 8645, 8649, 8665, 8706, 8775, 8799, 8818, 8832, 8855–8856, 8876, 8936, 9063, 9107, 9148, 9302, 9311, 9321, 9360, 9364, 9387, 9398, 9434, 9477, 9518, 9557, 9569, 9588, 9615, 9618, 9718, 9764, 9776, 9902, 9950–9951, 10020, 10183, 10205–10206, 10236, 10282, 10302, 10304, 10324, 10358, 10363
ACUTE YELLOW ATROPHY: 8197
ACYLATION: 4028, 4815, 6490, 8428, 8900, 9736
ACYLTRANSFERASES: 2825, 6709, 7695
ADAMANTANE: 3527
ADAPTATION, PHYSIOLOGICAL: 127, 147, 597, 1778, 2423, 2881, 7141, 7959, 8755
ADAPTATION, PSYCHOLOGICAL: 66, 2423, 4385

ADENINE: 564–565, 1978–1979, 1981–1985, 2002, 3940, 4311, 5710, 6108, 6205, 6297, 6446, 7738, 7998, 8510, 8915, 8996, 9808, 10292
ADENINE NUCLEOTIDES: 565, 1445, 1539, 1768, 3228, 3527, 3650, 4342, 4728, 6759, 7005, 7092, 7549, 7552, 8284, 8344, 8538, 8888, 8907, 8915, 9761, 10196, 10233
ADENINE PHOSPHORIBOSYLTRANSFERASE: 565
ADENOCARCINOMA: 78, 375, 402, 539, 1075–1076, 1235, 1473, 1690, 1692, 1695, 1781, 1878, 1948, 2107, 2119, 2619, 2655, 2768, 3037, 3088, 3204, 3566, 3587, 3608, 3634, 3642, 3648, 4654, 5559, 5673–5674, 5922, 6041, 6291, 6314, 6881, 7166, 7351, 7495, 7785, 7921, 8156, 8207, 8705, 8744, 8861, 9123, 9427, 9473, 9616, 9994
ADENOCARCINOMA, PAPILLARY: 353, 6687, 9214
ADENOFIBROMA: 1695, 8507
ADENOIDECTOMY: 513, 3920, 9606
ADENOMA: 971, 1779, 3289, 3344, 5544, 6168, 8498, 9214, 9291, 9473, 9767, 9905
ADENOMA, CHROMOPHOBE: 8146
ADENOMATOSIS, FAMILIAL ENDOCRINE: 8146
ADENOSINE: 326, 555, 751, 1036, 2002, 2560, 2849, 3061, 4342, 5444, 5480, 5710, 5737, 6123, 7262, 7550, 7945, 8906–8907, 8915, 9338, 9457, 10081, 10139
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE: 59, 115, 206, 295, 326, 359, 363–364, 374, 565, 790, 1084, 1285, 1445, 1578, 1637, 1642, 1694, 1765, 1767, 1956, 2257, 2626, 2771, 3043, 3064, 3163, 3212, 3282, 3293, 3946, 4111, 4141, 4231, 4262, 4346, 4544, 4623–4624, 5134, 5165, 5226, 5279, 5440, 5477, 5753, 5779, 6000, 6172, 6198, 6230, 6555, 6655, 6674, 6728, 6939, 7017, 7139, 7267, 7520, 7646, 7699, 7769, 7938, 7942–7943, 7945, 8446, 8534, 8539–8540, 8608, 8774, 8779, 8915, 9102, 9260, 9267, 9308, 9443, 9731, 9785, 9999–10000, 10115, 10139, 10250, 10303
ADENOSINE DEAMINASE: 3253, 3940, 6752, 7012
ADENOSINE DIPHOSPHATE: 48, 197, 206, 274, 478, 509, 565, 632, 751, 753, 790, 814, 965, 1023–1024, 1084, 1189, 1257, 1277, 1315, 1454, 1469, 1511, 1523, 1592, 1637, 1665, 1728, 1768, 1789, 1968, 1988, 2009, 2022–2024, 2026, 2046, 2167, 2217, 2234, 2333, 2533, 2560, 2567, 2626, 2643, 2855, 2993, 3062, 3065, 3104, 3135, 3238, 3296, 3408, 3429, 3466, 3471, 3650, 3663, 3685, 3781, 3793, 3796–3797, 3802, 3892, 3940, 3942, 3945–3948, 3963, 4000, 4105, 4244, 4342, 4344, 4373–4374, 4386, 4447, 4678, 5014, 5032, 5129, 5151, 5225, 5264, 5267, 5318–5319, 5333–5334, 5358, 5444, 5506, 5668, 5710, 5810, 5817, 5914, 6020, 6135, 6187, 6202, 6377, 6446, 6644, 6738, 6781, 6816, 6917, 6942, 6950, 7005, 7037, 7070, 7092, 7162, 7326, 7348, 7392, 7519, 7548–7549, 7552, 7676, 7779, 7824, 7938, 7942–7943, 7961, 7976, 8155, 8284, 8418, 8551, 8608, 8615–8616, 8695, 8757, 8762, 8836, 8888, 8906, 8989, 9083, 9252–9253, 9338, 9345, 9412, 9446, 9457, 9533, 9698, 9736, 9783–9784, 9792, 9832, 9835, 9922, 10083, 10099, 10130, 10160, 10168, 10182, 10196, 10293–10294, 10296
ADENOSINE MONOPHOSPHATE: 565, 1036, 1373, 2533, 2560, 2855, 3650, 3946–3948, 4342, 5129, 5444, 6297, 6446, 7552, 7945, 9338, 9443
ADENOSINE TRIPHOSPHATASE: 22, 49, 814, 1000, 1293, 1420, 1963, 2245, 3282, 3368, 3670, 3789, 3994, 4201, 4225, 4302, 4404, 4544, 4988, 5106, 5267, 5333–5334, 5601, 5732, 5810, 5999, 6295, 6402–6403, 6636, 6789, 7520, 7624, 7660, 8032, 8185, 8418, 8429, 8768, 8959, 9116, 9417, 9786, 9794, 10099, 10124, 10168
ADENOSINE TRIPHOSPHATE: 55, 70–71, 565, 632, 712, 814, 1084, 1151, 1445, 1455, 1515, 1521–1523, 1753, 1768, 1789, 1795, 1963, 1978, 1980–1985, 2500, 2517, 2533, 2551, 2560, 2582–2583, 2624, 2643, 2803, 2855, 3043, 3065, 3161, 3212, 3235, 3493, 3650, 3667, 3790, 3811, 3945–3949, 4248, 4262, 4342, 4544, 5014, 5129, 5267, 5333–5334, 5608, 5779, 5810, 6020, 6115, 6123, 6135, 6446, 6673, 6939, 6950, 7005, 7070, 7332, 7548–7550, 7552, 7657, 7997, 8418, 8534, 8538, 8695, 8774, 8888, 8926, 9116, 9246, 9338, 9407, 9478, 9783, 9999, 10079, 10127, 10168, 10253, 10334
S-ADENOSYLMETHIONINE: 2793, 4904, 9186
ADENOVIRUS INFECTIONS: 740
ADENOVIRUSES: 2341, 9954
ADENOVIRUSES, HUMAN: 3600, 7546, 9839
ADENYL CYCLASE: 364, 509, 790, 1098, 2013, 3047, 3092, 3232, 3293, 3492–3493, 3825, 3945–3946, 4262, 4557, 4623–4624, 5088, 5131, 5165, 6982, 8540, 9267, 9443
ADENYLATE KINASE: 3253, 9701
ADHESIONS: 1253, 5682, 6294, 6648, 7623, 8216, 8749, 9129, 9288, 10249
ADHESIVENESS: 1991, 3298, 5322
ADIPOSE TISSUE: 40, 272, 502, 662, 713, 1492, 1581, 1849, 1875, 2013, 2027, 2372, 2424, 2630, 2939, 3148, 3660, 3726, 3838, 4256, 4268, 4557, 4802, 4885, 4894, 4928, 5082, 5247, 5345–5346, 5502, 5969, 6000, 7106, 7905, 8069, 8247–8248, 8250, 8359, 8712, 8779, 8958, 9072, 9189, 9380, 9608–9609, 9988–9989, 9999
ADJUVANTS, IMMUNOLOGIC: 4040, 4376, 4482, 4561
ADMINISTRATION, ORAL: 157, 212, 352, 524, 711, 1221, 1748, 2124, 2164, 2278, 2386, 2934–2935, 3069, 3104, 3110, 3331, 3453, 4726, 5102, 5192, 6340, 6344, 6626, 6665, 7016, 7221–7222, 7529, 7949, 8086, 8305, 8970, 8975, 9227, 9444, 9456, 9604, 9820, 9836, 10261
ADMINISTRATION, TOPICAL: 1050, 2434, 4295, 7057, 7061, 7137, 8086, 8806, 9778, 10200, 10299
ADNEXAL DISEASES: 2361
ADNEXITIS: 801
ADOLESCENCE: 14, 17, 23, 30, 51, 81, 106, 108–109, 114, 133–134, 155, 178, 187, 190, 203, 221, 233, 241, 270, 276, 300, 308, 312, 329, 336, 342, 345, 365, 380, 394, 397, 400, 427, 514–515, 519–520, 528, 542–543, 554, 556, 566, 597, 605, 635, 644, 646, 680, 689, 740, 746, 752, 756, 778, 782, 809, 817, 831, 837, 839, 843–844, 883, 895, 907, 919, 932, 939, 967, 1019, 1031, 1051–1054, 1057, 1081, 1085, 1092, 1117, 1140, 1153, 1163–1164, 1179, 1208, 1217, 1219, 1246, 1281, 1290–1291, 1304, 1315, 1330, 1333, 1341, 1360, 1371, 1378, 1381, 1402, 1434, 1463, 1489, 1506, 1582–1583, 1589, 1594, 1596, 1611, 1621, 1634, 1686, 1703, 1709, 1732, 1734, 1786, 1806, 1818–1819, 1821, 1843, 1848, 1851, 1853, 1862, 1872–1873, 1899, 1908–1909, 1911, 1926–1927, 1950, 1960, 1967, 2032, 2047, 2059, 2064, 2114, 2116, 2119, 2135, 2175, 2180, 2184, 2194, 2201, 2205, 2207, 2212–2213, 2244, 2252, 2264–2265, 2297, 2333, 2348, 2353, 2361, 2387, 2392, 2406, 2408, 2420–2421, 2432, 2442, 2445, 2465, 2477, 2479, 2521, 2541, 2547, 2549, 2553–2554, 2571, 2576, 2599, 2609, 2622, 2638, 2675, 2691, 2698, 2715, 2729, 2743, 2745, 2775, 2783, 2787, 2815, 2817–2818, 2826, 2836, 2839–2840, 2887, 2906, 2908, 2920, 2926, 2933, 2985–2986, 3004, 3013, 3070, 3077–3078, 3086, 3113, 3124, 3182, 3187, 3195, 3220–3221, 3254, 3266, 3275, 3300, 3305, 3321, 3355, 3371, 3375, 3377, 3382, 3389, 3406, 3415, 3422, 3463, 3466, 3469, 3497–3498, 3506, 3520, 3523, 3536, 3558, 3567, 3573, 3588, 3596, 3631, 3656–3657, 3677, 3691, 3693, 3729, 3764, 3784, 3798, 3807, 3828–3829, 3832, 3834, 3849, 3853, 3863, 3869, 3897, 3906, 3908, 3915, 3931, 3943, 3950, 3983, 3990, 3998, 4019, 4032, 4042, 4046, 4051, 4069, 4077, 4092–4093, 4097, 4107, 4123, 4155, 4163, 4174, 4181, 4183, 4186, 4189, 4191, 4193, 4202, 4232–4233, 4256–4257, 4309, 4322, 4347, 4440, 4444, 4457, 4466, 4471, 4490, 4493, 4496, 4502, 4504, 4517, 4523, 4533–4534, 4550, 4580, 4598, 4614, 4622, 4625, 4630, 4657, 4670, 4683, 4685, 4692, 4694, 4704, 4717–4718, 4731, 4752, 4756, 4769, 4773, 4805, 4820, 4824, 4831, 4846, 4888, 4892, 4896, 4899, 4903, 4911, 4921–4922, 4927, 4937, 4939, 4944, 4953, 4968, 4975, 4990–4991, 5023, 5030, 5037, 5090, 5102, 5107, 5114, 5118, 5121, 5127, 5146, 5153, 5168, 5178, 5186, 5200, 5209–5210, 5286, 5294, 5303, 5348, 5356, 5376, 5390, 5392, 5400, 5430, 5462, 5465, 5474, 5517, 5538, 5550, 5556, 5565–5566, 5576, 5578, 5586–5587, 5604–5605, 5625, 5646, 5662, 5668, 5698, 5702, 5726, 5734–5735, 5750, 5760, 5763, 5765, 5781, 5791, 5801, 5827, 5843, 5855, 5877, 5909–5910, 5934, 5958–5959, 6024, 6041, 6045, 6047, 6049–6050, 6149, 6155–6156, 6167–6168, 6176, 6197, 6201–6202, 6206, 6251, 6263, 6292, 6294, 6326, 6354, 6358–6359, 6376, 6397, 6399, 6411, 6416–6417, 6422, 6433–6434, 6452, 6458, 6474, 6487, 6491, 6493, 6502, 6507, 6529, 6535, 6539–6540, 6546, 6550, 6558, 6565, 6573–6574, 6578, 6590, 6595, 6598, 6604, 6628, 6651, 6653, 6660–6661, 6665, 6694, 6715, 6727, 6730, 6734, 6740, 6764, 6835, 6839, 6855, 6858, 6862, 6884, 6906, 6908, 6920, 6922–6923, 6974, 6978, 6982, 6997–6998, 7019, 7021, 7023–7024, 7038–7039, 7046, 7088, 7134, 7146, 7153, 7179, 7181, 7230, 7233–7234, 7241, 7244, 7247, 7251–7252, 7261, 7280, 7306, 7333, 7347, 7349, 7376, 7381, 7385, 7392, 7399, 7408, 7413, 7425, 7453, 7480, 7495, 7527, 7560, 7563, 7571, 7575, 7578, 7591, 7595, 7603, 7627, 7630, 7658, 7665, 7688, 7704, 7708–7709, 7737, 7755, 7817, 7837, 7847, 7870, 7876, 7883, 7887, 7906, 7931, 7939, 7941, 7947, 7972, 8008, 8011–8013, 8028, 8030–8031, 8049, 8066, 8069, 8115, 8128, 8135, 8146, 8152, 8154, 8163, 8165, 8183, 8191, 8211, 8221, 8225, 8257, 8269, 8274, 8276, 8295, 8335–8336, 8340, 8343, 8372, 8377, 8380, 8413–8414, 8416, 8422, 8448, 8461, 8517, 8519, 8548, 8569, 8595, 8604, 8618, 8633, 8662, 8671, 8678, 8702, 8718, 8738, 8746, 8754, 8783–8784, 8786, 8806, 8818, 8879, 8913–8914, 8936, 8955, 8960, 8962, 8965–8966, 8975, 9000, 9005, 9008, 9016, 9036–9037, 9039, 9048, 9067, 9078, 9094, 9096, 9120, 9149, 9167, 9198, 9209, 9213, 9218, 9235–9236, 9242, 9272, 9293, 9304, 9356, 9376, 9420, 9428, 9439, 9464, 9470–9471, 9475, 9483, 9506–9507, 9510, 9535, 9552, 9561, 9567, 9573, 9580, 9620, 9651, 9670, 9681, 9698–9699, 9721, 9737, 9767, 9776, 9797, 9802, 9810, 9822, 9855–9856, 9875–9876, 9894, 9898, 9910, 9940, 9962, 9970, 9986, 9993, 10003, 10051, 10064, 10091, 10093, 10114, 10116, 10157, 10200–10201, 10205, 10207, 10236, 10238, 10240, 10256, 10260, 10264, 10267, 10273, 10275, 10281–10282, 10290, 10305, 10317, 10391
ADRENAL CORTEX: 1674, 2587, 2619, 4499
ADRENAL CORTEX HORMONES: 162, 291, 488, 742, 892 1374–1375, 1607, 1646, 1739, 1862, 1932, 1961, 2378, 258

3011, 3228, 3476, 3718, 4064, 4131, 4299, 4473, 4490, 4872, 4901, 4925, 5130, 5300, 5411, 5634, 5671, 6024, 6050, 6086, 6104, 6388, 6397, 6453, 6562, 6617, 6784, 7390, 7491, 7876, 7913, 8063, 8137, 8179, 8267, 8506, 8624, 9294, 10261, 10298, 10308, 10381
ADRENAL CORTEX NEOPLASMS: 7646
ADRENAL GLAND DISEASES: 407, 1883–1884, 4997, 8741
ADRENAL GLAND HYPOFUNCTION: 407, 1883–1884, 2779
ADRENAL GLAND NEOPLASMS: 407, 971, 2655, 5298, 6469, 7646
ADRENAL GLANDS: 407, 707, 1674, 1874, 1909, 2587, 3157, 3227, 4194, 4776, 5673, 5714, 6059, 7067, 8302, 8657
ADRENAL MEDULLA: 3909, 7491, 9730
ADRENALECTOMY: 407, 581, 1817, 4467, 5049, 5778, 10226
ADRENERGIC ALPHA RECEPTOR AGONISTS: 4262, 4704
ADRENERGIC ALPHA RECEPTOR BLOCKADERS: 1839, 5050, 6181, 7256
ADRENERGIC BETA RECEPTOR AGONISTS: 1915, 4262, 5440
ADRENERGIC BETA RECEPTOR BLOCKADERS: 236, 1168, 1839, 1932, 2197, 2725, 3288, 3852, 4344, 4586, 5050, 5099, 5279, 6181, 7256, 8653, 9412
ADRENOCHROME: 512
ADRIAMYCIN: 1812, 1882, 3780, 3901, 4147, 7709, 7837, 9124, 9285, 9871
ADSORPTION: 39, 275, 515, 1120, 1755, 1994–1995, 3177, 3858, 4016, 4427, 4551, 4665, 4716, 5138, 5215, 5269, 5371, 6173, 6232, 6285, 6710, 6735, 6750, 6951, 8430, 8895, 9196, 9418, 9560, 9747
ADULT
AEDES: 2987, 10385
AEQUORIN: 4988
AEROBIOSIS: 2115, 4907, 5643–5644
AEROMONAS: 3944, 9969
AEROSOLS: 1019, 3890, 4036, 4167, 4281, 5894, 6980, 7222, 9090–9091, 9802
AET: 5770
AFFECTIVE DISTURBANCES: 1248, 1285, 3068, 4385, 4408, 7407, 7425, 8303, 8730, 9037
AFFINITY LABELS: 1041–1042, 1550, 2581, 4265, 8236, 9759
AFIBRINOGENEMIA: 114, 460, 541, 2320, 3000, 3136, 3264, 3565, 4469, 4838, 4857, 4990, 5418, 5532, 5866, 6065, 6252, 6287, 7036, 7056, 7712, 8093, 10104
AFLATOXINS: 47, 747, 1074, 1618, 3372, 6913
AFTER CARE: 3118, 4077, 7502
AGAMMAGLOBULINEMIA: 1252, 1644, 3216, 3828, 4044, 4123, 4813, 4872, 4953, 7012, 7753, 7755, 7828, 7926, 9806
AGAR: 1192, 2113, 4824, 5751, 5965, 9346
AGE FACTORS: 23, 40, 106, 138, 276, 323, 328, 397, 459, 501–502, 636, 689, 737, 1020, 1033, 1035, 1051, 1053–1054, 1135, 1204, 1208, 1236, 1290, 1381, 1399, 1405, 1411, 1488, 1491, 1639, 1649, 1686, 1707, 1752, 1854, 2010, 2032, 2047, 2093, 2175, 2321, 2490, 2540, 2703, 2759, 2783, 2802, 2815, 2864, 2881, 2901, 3004, 3018, 3068, 3117, 3246, 3469, 3538, 3541, 3561, 3577, 3757, 3782, 3795, 3834, 3836, 3897, 3943, 3950, 3958, 4019, 4174, 4188, 4204, 4257, 4330, 4340, 4383, 4385, 4411, 4550, 4569, 4672, 4730, 4842, 4889, 4891, 4909, 5030, 5077, 5153, 5230, 5243, 5270, 5272, 5357, 5489, 5592, 5654, 5703, 5730, 5788, 5804, 5832, 5834, 5859, 6017, 6048–6049, 6114, 6241, 6347–6348, 6358, 6374, 6399, 6540, 6681, 6712, 6737, 6764, 6784, 6828, 6847, 6864, 6899, 6920, 6923, 6934, 6966, 7152, 7288, 7322, 7367, 7385, 7403, 7493, 7610, 7662, 7665, 7828, 7854, 8057, 8062, 8129, 8132, 8140, 8165, 8174, 8191, 8198, 8205, 8225, 8319, 8372, 8527, 8537, 8556, 8611, 8703, 8913, 8962, 8966, 8999, 9167, 9294, 9302, 9325, 9374, 9406, 9471, 9521, 9561, 9695, 9720, 9754, 9768, 9806, 9915, 9995, 10003, 10083, 10116, 10240, 10256, 10263, 10273–10275, 10284, 10290
AGED: 13–14, 23, 30, 56, 60, 62–64, 106, 112, 129, 140, 143, 146, 151, 155, 167, 169, 190, 199, 201, 209, 233, 241, 253–254, 282, 299, 301, 304, 308, 315, 341, 344, 386, 393, 403, 433, 435, 455, 457, 501, 510, 512, 528–529, 539, 550, 574, 585, 589, 605, 613, 628, 636–637, 639, 642, 644, 647, 680–681, 684–685, 692, 695, 706, 726, 729, 748–750, 752, 759, 773–774, 784, 788, 791, 834, 837, 839, 843–844, 852, 907, 933, 939, 943, 954–955, 959, 978, 983, 990, 1013–1014, 1021, 1031, 1034, 1051–1054, 1058, 1062, 1069, 1079, 1103, 1161, 1165–1166, 1178, 1191, 1208, 1217, 1265, 1273, 1290, 1299–1300, 1304, 1320–1321, 1328, 1358, 1360, 1399–1400, 1429, 1432, 1434, 1457, 1467, 1473, 1482, 1489, 1506, 1535, 1541, 1556, 1582–1583, 1594, 1596, 1601, 1606–1607, 1615–1616, 1621, 1623, 1631, 1633, 1641, 1677, 1697, 1702, 1709–1710, 1712, 1714, 1730, 1733, 1745, 1748, 1804, 1806, 1819, 1832, 1837–1838, 1842, 1848, 1852, 1854, 1868, 1872, 1878, 1898–1900, 1910, 1916, 1946, 1948, 1950, 197[illegible], 2010, 2056, 2066, 2077, 2083, 2088, 2101, 2103, 2107, [illegible], 2139–2140, 2158–2159, 2167, 2170, 2188, 2195–2196, 22[illegible], 2213, 2234, 2252, 2264, 2280, 2291, 2315, 2333, 2339, 235[illegible], 2361, 2387, 2400, 2404, 2421–2422, 2431–2432, 2446, 2466–2467, 2471, 2475, 2479, 2484, 2490, 2510, 2520, 2542, 2547, 2562, 2572, 2584, 2588, 2599, 2601, 2609, 2622, 2637–2638, 2655, 2658, 2672, 2689–2691, 2695, 2704, 2726, 2729, 2734, 2739, 2743, 2745, 2747, 2759–2760, 2767, 2793, 2802, 2812, 2818–2819, 2826, 2831, 2859, 2868, 2876, 2881, 2899, 2907, 2920, 2933, 2960, 2962, 2998, 3004, 3006, 3037, 3039, 3060, 3069–3070, 3086, 3099, 3101, 3137, 3149, 3172, 3174, 3180, 3188, 3197, 3226–3227, 3245, 3254, 3268, 3272, 3296–3297, 3304–3305, 3324, 3347, 3371, 3375, 3389, 3401, 3406, 3408, 3425, 3433, 3446, 3449, 3453, 3471, 3516, 3523, 3538, 3558–3559, 3573, 3577, 3588, 3605, 3607–3609, 3613, 3615, 3631, 3677, 3686, 3693, 3701, 3713–3714, 3722–3723, 3729, 3733, 3746, 3754–3757, 3764, 3769, 3777, 3799, 3826, 3875, 3894–3895, 3897, 3908, 3914, 3928, 3957, 3975, 3978, 3983, 4002, 4013, 4015, 4029–4030, 4046, 4053–4055, 4057, 4069, 4073, 4079, 4097, 4099, 4121, 4123, 4127, 4130–4132, 4146–4147, 4155, 4163, 4181, 4186, 4188, 4193, 4204, 4215, 4217, 4234, 4243, 4253, 4284–4285, 4287, 4289, 4293, 4295, 4297, 4306, 4322, 4328–4329, 4372, 4383, 4389, 4408, 4419, 4440, 4444, 4446, 4456–4458, 4471–4472, 4477, 4489–4490, 4493, 4497, 4502, 4517, 4534–4536, 4553, 4569, 4571–4573, 4577, 4581–4582, 4604, 4608, 4613–4614, 4621, 4627–4628, 4631, 4634, 4644, 4650, 4662, 4665, 4667, 4676, 4684, 4704, 4714, 4753, 4797, 4805, 4809, 4816, 4824–4826, 4828, 4850, 4854, 4867, 4890, 4899, 4908–4909, 4916, 4927, 4931, 4937, 4939, 4957–4958, 4969–4971, 4985, 4990–4991, 5001, 5023, 5058, 5062, 5077, 5080–5081, 5090, 5100, 5107, 5109, 5121, 5127, 5166, 5188, 5195, 5210, 5212, 5222, 5230, 5239, 5242, 5249, 5254, 5294, 5303, 5335, 5340, 5348, 5356, 5366, 5377, 5390, 5392, 5398, 5431, 5453, 5457–5458, 5462, 5464, 5489, 5491, 5493, 5497, 5502, 5511–5512, 5514, 5520, 5545, 5557, 5578, 5584, 5590, 5592, 5598, 5621, 5650, 5662, 5666, 5668, 5674, 5696, 5713, 5720, 5730, 5744, 5750, 5754, 5760, 5772, 5781, 5787, 5796, 5800–5801, 5803, 5816, 5821, 5827, 5830, 5835, 5841, 5843, 5854, 5858–5860, 5865, 5883, 5889, 5910–5911, 5938, 5943, 5958–5959, 5961, 5963, 5977, 5979, 5985, 5996, 6016, 6028, 6030, 6039–6041, 6043, 6049, 6060, 6062, 6069, 6072, 6074, 6111, 6113, 6117, 6124, 6129, 6142, 6152, 6164, 6166–6167, 6173, 6188, 6224, 6229, 6236, 6241, 6266, 6293–6294, 6303, 6307, 6314–6315, 6318, 6343, 6347–6348, 6354, 6363–6364, 6371, 6387, 6391, 6409, 6414–6417, 6419, 6422–6425, 6474, 6477, 6487, 6491, 6493, 6506–6507, 6534, 6540, 6545–6546, 6558, 6573, 6580, 6586, 6593, 6604, 6618–6620, 6628, 6656, 6667, 6676–6677, 6685, 6692, 6700, 6715, 6727, 6730, 6737, 6741, 6749, 6764–6765, 6784, 6825, 6838, 6858, 6861, 6864, 6878, 6882, 6884–6885, 6908, 6920, 6922–6923, 6934, 6952–6953, 6962, 6965–6966, 6975–6976, 6994, 7001–7003, 7010, 7024, 7032, 7046, 7049, 7052, 7060, 7082, 7088–7089, 7120, 7122–7123, 7129, 7144, 7146–7148, 7172, 7179, 7189, 7191, 7199, 7234–7235, 7239, 7247, 7251, 7280–7281, 7288, 7298, 7302, 7333, 7347, 7349, 7353, 7363, 7367, 7385, 7387, 7392, 7399, 7408, 7424, 7426, 7429, 7438, 7447, 7450, 7472, 7486, 7493, 7495, 7505, 7508–7509, 7514–7515, 7527, 7542, 7544, 7556, 7563, 7584, 7589, 7591, 7610, 7619, 7623, 7630, 7653, 7658, 7662, 7665, 7671, 7709, 7720, 7725, 7737, 7750, 7755, 7764, 7776, 7793, 7817, 7819, 7825, 7829, 7837–7840, 7844–7845, 7858, 7870, 7879, 7882, 7884, 7906, 7914, 7921, 7930–7931, 7939, 7941, 7947, 7979, 7990, 8003, 8011–8015, 8018, 8024, 8062, 8098, 8101, 8115, 8140, 8163, 8165, 8167–8168, 8171–8172, 8184, 8190, 8198, 8205, 8207, 8211–8212, 8225, 8233, 8242, 8256–8257, 8263, 8284, 8293, 8295, 8306, 8316, 8327, 8331, 8335, 8363, 8373, 8384, 8404, 8413–8414, 8421, 8425, 8440, 8475, 8499, 8501, 8505, 8517, 8525, 8530, 8556–8557, 8576, 8584, 8596–8597, 8602, 8604, 8610, 8618, 8631, 8645–8646, 8665, 8667, 8672, 8676, 8686, 8702, 8707, 8714, 8716, 8724, 8726, 8731, 8739, 8744, 8746, 8753, 8778, 8799, 8806, 8818, 8850, 8853, 8861–8862, 8876, 8914, 8918, 8922, 8927, 8977, 9002, 9005, 9016, 9019, 9035–9039, 9041, 9045–9047, 9078, 9092, 9105, 9110, 9148, 9167, 9179, 9187, 9209, 9213, 9254, 9259, 9262, 9272, 9274, 9277, 9280, 9285, 9294, 9298, 9302, 9319, 9364, 9368–9369, 9376–9377, 9386, 9401, 9428, 9439, 9451, 9464, 9470–9472, 9507, 9510, 9515, 9526, 9535, 9548, 9550, 9557, 9575–9576, 9580, 9600, 9602, 9604, 9608–9610, 9614, 9624, 9630–9631, 9639, 9659, 9691, 9695, 9705, 9734–9735, 9764, 9767, 9776, 9804–9805, 9853–9856, 9871, 9876, 9889, 9914–9915, 9941, 9962, 9967, 9976, 9993–9994, 10003, 10008, 10020, 10026, 10059, 10061, 10065, 10074, 10078, 10081, 10091, 10095, 10100, 10104, 10112, 10114, 10149, 10176, 10186, 10201, 10205, 10223, 10234, 10236, 10239–10240, 10256, 10260, 10267, 10270, 10281–10282, 10290, 10311, 10317, 10358, 10363, 10369, 10377, 10387, 10391
AGGLUTINATION: 382, 794, 1481, 1690, 2369, 3570, 4226,

5542, 6132, 7162, 7250, 7656, 7909, 8430, 9049, 9628, 9956, 10113
AGGLUTINATION TESTS: 794, 1567, 3548, 4852, 6021, 6793, 7010, 7637, 8573, 9431
AGGLUTININS: 648, 722, 918, 1260, 1457, 1566, 2574, 2686, 3081, 3137, 5009, 5055, 5400, 5452, 6588, 7890, 8521, 9234, 10343
AGING: 497, 989, 1119, 1207, 1492, 1506, 1535, 1965, 2066, 2898, 2933, 3408, 3714, 3723, 3838, 3983, 4097, 4661, 4908, 5532, 6118, 6638, 6714, 7679, 7736, 7793, 8915, 9147, 9203, 9440, 9470–9471, 9851, 9981, 9989, 10247
AGRANULOCYTOSIS: 598, 1726, 2067, 5869, 7010, 7481, 7979, 8079–8080, 8396, 8728, 9659, 9689, 9749
AIR: 625, 760, 1665, 3176, 3647, 4481, 9376
AIR MICROBIOLOGY: 2129, 2309
AIR POLLUTANTS: 144, 1582
AIR POLLUTANTS, OCCUPATIONAL: 1582
AIR POLLUTION: 7869
AIR PRESSURE: 413, 4218, 5846, 7160
AIRWAY OBSTRUCTION: 2524, 2779, 2906, 4166, 4450, 4901, 5300, 5362, 7437, 7643, 8242, 9091
AIRWAY RESISTANCE: 4157, 4166, 7445, 9141
AKR VIRUS: 8041
ALANINE: 349, 1480, 3046, 4556, 4708, 4835, 6589, 6708, 6806, 6933, 7431–7432, 7914, 7966, 7975, 9031, 9246, 9448, 9841
ALANINE AMINOTRANSFERASE: 2, 939, 2205, 2617–2618, 2776, 3207, 3542, 3679, 3849, 4547, 4618, 4720, 4996, 5389, 6096, 7053, 7138, 7347, 7359, 7935, 8043, 8285, 8834, 8922, 9494, 10279
ALBINISM: 2491, 3065, 3802, 4622
ALBUMINS: 754, 1120, 1466, 1576, 2146, 3156, 3435, 3474, 3489, 3551–3552, 3940, 4097, 4821, 5297, 5385, 5567, 5574, 5889, 6030, 7184, 7849, 7928, 8052–8053, 8169, 9091, 9920, 10280
ALBUMINURIA: 3271
ALBUTEROL: 699, 4150, 5101
ALCALIGENES: 4605
ALCIAN BLUE: 3081, 3568, 3570, 7277, 9099
ALCLOFENAC: 4573
ALCOHOL DRINKING: 7493, 9758
ALCOHOL, ETHYL: 364, 384, 662, 804–805, 1240, 1263, 1517, 1764, 1999, 2679, 3429, 3611, 4064, 4447, 5292, 5776, 6107, 6169, 6332, 6372, 6575, 8063, 8933, 9100, 9706, 9784, 9817, 10259, 10313
ALCOHOL, METHYL: 924, 4005, 4134, 4820, 6575
ALCOHOL OXIDOREDUCTASES: 737, 1889, 2911, 4392, 4405–4406, 4639, 5623, 6939, 7278, 8102, 8220, 9161, 9282, 9384, 9816, 10280
ALCOHOL, PROPYL: 1184
ALCOHOLIC INTOXICATION: 1263, 1342, 1764
ALCOHOLISM: 461, 631, 1055, 1191, 1764, 1860, 1952, 2028, 2308, 2397, 2777, 3031, 3068, 3174, 3367, 3676, 4079, 4259, 4668, 4819, 4932, 6250, 6599, 6828, 6957, 7138, 7274, 7278, 7472, 8378, 9035, 9038, 9092, 9374, 9563, 9834, 9880, 9937
ALCOHOLS: 364, 6872
ALCOHOLS, AMYL: 2096, 8271
ALCOHOLS, BUTYL: 6989
ALCOHOLS, OCTYL: 4425
ALCURONIUM: 2873
ALDEHYDE-LYASES: 4288, 9340
ALDEHYDES: 450, 948, 3277, 3394, 4122, 4333, 5509, 6857, 6872, 7070, 7115, 9033, 9283
ALDOSTERONE: 2378, 2481, 3580, 4119, 5886, 6767, 9487
ALDRICH SYNDROME: 187, 471, 1390, 1696, 1757, 2018, 2539, 2714, 3216, 3302, 3320, 3983, 3993, 4044, 4123, 4301, 4347, 4670, 4813, 4953, 5246, 5965, 6058, 7012, 7323, 7753, 7755, 7828, 7926, 8551, 9806, 9908
ALFALFA: 1719, 4823, 4999, 9492
ALGAE, BLUE-GREEN: 52
ALKALIES: 1903, 2294, 2457–2458, 2462
ALKALINE PHOSPHATASE: 703, 739, 939, 1000–1001, 1074, 1341, 1657, 1761, 2205, 2304, 2439, 2477, 2504, 2639, 2776, 2802, 3424, 3798, 3925, 4219, 4618, 4629, 4884, 5187, 5223, 5226, 5271, 5665, 5805, 5811–5812, 6035, 6360, 6408, 6533, 6829, 6913, 7138, 7166, 7770, 8043, 8102, 8149, 8285, 8834, 9537, 9568, 9635, 9794, 9904, 9916, 10119, 10179, 10242
ALKALOIDS: 1937, 2123, 2131, 2670, 2904, 3045, 6305, 9271
ALKALOSIS: 3370
ALKALOSIS, RESPIRATORY: 1368, 2730, 4819, 7003
ALKANES: 6575
ALKAPTONURIA: 5726, 6906
ALKENES: 4915, 8511
ALKYLATING AGENTS: 1, 1789, 4426, 5208, 7799, 8275, 9284
ALKYLATION: 548, 797, 2200, 8435, 8674 9708
ALKYNES: 2022, 9759, 9814
ALLANTOIN: 6129
ALLELES: 189, 703, 903, 2522, 2594, 3195, 4542, 4682, 4709, 4745, 6752, 6916, 8430, 9823
ALLERGENS: 1252, 2440, 7992, 8199, 8985, 9165
ALLOPURINOL: 3611, 4255, 4336, 5734, 9864
ALLOSTERIC REGULATION: 55
ALLOSTERIC SITE: 5810
ALLOXAN: 3963
ALLOXAN DIABETES: 4380, 8852, 9362
ALLOYS: 8514, 9977
ALLYL COMPOUNDS: 4915
ALLYLISOPROPYLACETAMIDE: 6742
ALOPECIA: 1403, 3780, 5335, 7709, 8747, 9504
ALPHA 1-ANTITRYPSIN: 366, 708, 1316, 1322, 1503, 1655, 1683, 1734, 1736, 2149, 2356, 2522, 2589, 2658, 2691, 3406, 3675, 3801, 4027, 4275–4276, 4351–4352, 4682, 4807, 4811, 4889, 5147, 5226, 5411, 5442, 5605, 5935, 5980, 6053, 6126, 6525, 6758, 6761, 6806, 6810–6811, 6936, 7018, 7027, 7395, 7423, 7574, 7847, 8027, 8065, 8087–8088, 8177, 8221, 8758, 8941, 8980, 8982, 9047, 9392, 9513, 10158, 10181
ALPHA FETOPROTEINS: 47, 2491, 7987, 8754, 10102
ALPHA GLOBULINS: 89, 266, 1710, 1917, 2394, 3028, 4075, 4117, 5269, 5307, 5705, 6082, 6764, 7133, 7212, 7626, 7744, 7761, 8254, 8765, 8781, 9223, 9370, 9754, 10295
ALPHA MACROGLOBULINS: 145, 165, 168, 366, 708, 724, 768, 1503, 1546, 1734, 1736, 2338, 2691, 2785, 3183, 3236, 3240, 3267, 3314, 3406, 3635–3636, 3675, 3688, 4387, 4680, 4737, 5352, 5411, 5605, 5997, 6171, 6264, 6336, 6387, 6463, 6506, 6634, 6810–6811, 6910, 7027, 7095, 7423, 7574, 7760–7761, 7847, 8065, 8177, 8340, 8358, 8611, 8668, 8689, 8758, 8980, 9307, 9382, 9392, 9513, 9668, 9893, 10163
ALTHESIN: 5781, 8376
ALTITUDE: 147, 1484, 1749, 3410, 3719, 8372
ALTITUDE SICKNESS: 932, 3760, 5762
ALUMINUM: 1316, 5235
ALUMINUM HYDROXIDE GEL: 4035, 10289
ALUMINUM SILICATES: 7368
ALVEOLAR PROCESS: 497, 710, 3555, 4470
ALVEOLITIS, EXTRINSIC ALLERGIC: 6056
ALVEOLOPLASTY: 3555, 8913
AMANITA: 774
AMANITINS: 8719–8720, 8720
AMANTADINE: 3528
AMAUROTIC FAMILIAL IDIOCY: 1958, 4326, 4873, 7808
AMBLYOPIA: 2028
AMBROXOL: 906, 3530, 3968
AMBULATORY CARE: 135, 585, 633, 1094, 3541, 3755, 4569, 5834, 5852, 5945, 6478, 6660, 7251, 7613, 7665, 8175, 8818
AMEBICIDES: 5494
AMENORRHEA: 979, 7982
AMERICAN MEDICAL ASSOCIATION: 1251
AMIDES: 5420, 6766, 7933, 9492, 9828
AMIDINES: 2482, 3698, 4491, 4776, 5881, 8900–8902, 9222, 9765–9766, 10040, 10198
AMIDINOTRANSFERASES: 6115, 10291
AMIDOHYDROLASES: 4708, 6360, 6515, 7745, 9255
AMIKACIN: 4070, 8317
AMINE OXIDOREDUCTASES: 3889
AMINES: 2942, 3222, 3428, 3440, 4111, 4690, 5572, 6308, 6402, 8685, 8920
AMINO ACID ACTIVATION: 6426, 8589
AMINO ACID CHLOROMETHYL KETONES: 3654, 9759
AMINO ACID ISOMERASES: 2803
AMINO ACID METABOLISM, INBORN ERRORS: 903, 907
AMINO ACID NAPHTHYLAMIDASES: 271, 2899, 6035, 9422
D-AMINO ACID OXIDASE: 5401
AMINO ACID OXIDOREDUCTASES: 903, 1480, 8922, 9759
AMINO ACID SEQUENCE: 32, 100, 158, 348, 376, 412, 429, 450, 558, 595, 624, 650, 661, 676, 799, 856, 858, 862–863, 995, 1095, 1097, 1104, 1143, 1148, 1156–1157, 1159–1160, 1233, 1241, 1336, 1340, 1391, 1394, 1408, 1510, 1531, 1547, 1549–1550, 1598, 1671, 1681, 1715, 1719, 1805, 1857, 1889, 1935–1936, 1939, 1949, 1957, 1971, 2004, 2030, 2033, 2104, 2179, 2181, 2220–2224, 2272, 2284, 2375, 2410, 2440–2441, 2460, 2488, 2502, 2530, 2627, 2644, 2649, 2749, 2786, 2806, 2828–2830, 2846, 2877, 2915, 2963–2964, 2968, 3003, 3025–3026, 3052, 3071, 3079, 3177, 3215, 3223, 3232, 3328–3329, 3374, 3379, 3428, 3480, 3622, 3637, 3669, 3708, 3745, 3776, 3787–3788, 3804, 3854, 3871, 3886–3887, 3898, 3916, 3992, 4025, 4065, 4081, 4169, 4211, 4221, 4228, 4238, 4261, 4264–4265, 4279, 4308, 4352–4353, 4378–4379, 4405, 4412–4414, 4432, 4486–4488, 4562, 4584, 4655, 4751, 4801, 4862, 4917, 4978, 5025, 5079, 5085–5088, 5145, 5236, 5326, 5420, 5423–5426, 5433, 5467, 5473, 5525–5526, 5582–5583, 5626, 5648, 5759, 5780, 5823, 5845, 5870, 5991, 6095, 6130–6131, 6244, 6258, 6260, 6313, 6442, 6510, 6512, 6514, 6517–6518, 6542, 6589, 6606, 6674, 6693, 6720, 6760–6761,

6927, 6936, 6941, 6946, 6988, 7067, 7072–7074, 7289, 7310–7311, 7410, 7420, 7477, 7488, 7585, 7599–7600, 7632, 7638, 7670, 7690, 7742, 7899, 7966, 8068, 8091, 8109, 8121, 8217, 8220, 8235, 8281–8283, 8316, 8338–8339, 8490, 8504, 8522, 8552, 8745, 8795–8796, 8800, 8840, 8864, 8873, 8883–8885, 8946, 8971, 9050, 9052–9053, 9073–9074, 9080–9081, 9087, 9101, 9118, 9160, 9197, 9217, 9237, 9268, 9281, 9289, 9313, 9340, 9342, 9394, 9414, 9474, 9492, 9502–9503, 9514, 9701, 9743–9744, 9746, 9748, 9769–9771, 9828, 9852, 9883–9884, 9912, 9926, 9997–9998, 10029–10030, 10046, 10057, 10084–10085, 10125, 10152, 10158, 10209

AMINO ACIDS: 32, 44, 107, 158, 210, 294, 302, 445, 525, 623–624, 632, 643, 661, 818, 856, 859–861, 885, 998, 1000, 1090, 1104, 1143, 1148, 1156, 1160, 1233, 1245, 1286, 1340, 1391, 1408, 1450–1451, 1472, 1510, 1519, 1530–1531, 1549–1550, 1573, 1598, 1620, 1663, 1681, 1684, 1721–1722, 1770, 1778, 1805, 1812, 1815, 1817, 1823, 1857, 1889, 1941, 1949, 1957, 2004, 2104, 2127, 2138, 2146, 2179, 2181, 2219–2223, 2247, 2272, 2284, 2410, 2458, 2488, 2492, 2515, 2530, 2573, 2627, 2632, 2649, 2710, 2803, 2806, 2816, 2828–2830, 2844–2846, 2889, 2891, 2904, 2913, 2938, 2963, 2965, 2967–2968, 3003, 3025, 3052, 3071, 3108, 3158, 3177, 3189, 3223, 3228, 3267, 3328–3329, 3340–3341, 3374, 3397, 3480, 3616, 3620, 3622, 3635, 3669, 3688, 3708, 3711, 3745, 3759, 3776, 3788, 3793, 3801, 3822, 3854, 3871, 3886–3887, 3923, 3926, 3966, 4031, 4110, 4122, 4144, 4165, 4198, 4206, 4211–4212, 4225, 4227, 4238, 4334, 4353, 4405, 4412–4414, 4486–4488, 4512, 4528, 4558, 4562, 4584, 4638, 4646, 4655, 4732, 4736, 4750–4751, 4786, 4820, 4855, 4860–4861, 4928, 5079, 5086, 5119, 5145, 5308, 5317, 5326, 5358, 5372, 5433, 5467, 5473, 5572–5575, 5582–5583, 5648, 5680, 5780, 5826, 5845, 5870, 5897, 5936, 5992, 6053, 6078, 6084, 6092, 6095, 6130, 6244, 6253, 6258, 6260, 6305, 6320, 6322, 6329, 6334, 6404, 6483, 6499, 6508, 6511, 6517–6518, 6542, 6589, 6600, 6636, 6643, 6689, 6693, 6720, 6729, 6808, 6814, 6827, 6844, 6848, 6850, 6925, 6936, 6941, 6946, 6988–6989, 7011, 7072–7074, 7206, 7266, 7289, 7304, 7311, 7354, 7358, 7373, 7397, 7430, 7444, 7476, 7488, 7600, 7638, 7670, 7690, 7719, 7742, 7820, 7892, 7957, 8033, 8068, 8075, 8107, 8109, 8113, 8148, 8217, 8220, 8282–8283, 8291, 8338–8339, 8389, 8391, 8415, 8481, 8496, 8515, 8524, 8538, 8552, 8580, 8599, 8635, 8701, 8720, 8781, 8796, 8800, 8802, 8840, 8860, 8864, 8871, 8883, 8885, 8898, 8929, 8940, 8944–8945, 8969, 8971, 9015, 9022–9023, 9031–9033, 9053, 9074, 9080–9081, 9101, 9118, 9139, 9160–9161, 9197, 9237, 9249, 9281, 9289, 9306, 9340–9342, 9352, 9383, 9402, 9423–9424, 9455, 9474, 9492, 9520, 9544, 9696, 9701, 9708, 9715, 9717, 9723, 9743–9744, 9746, 9748, 9814, 9883–9884, 9916, 9926, 9969, 9998, 10046, 10079, 10084–10085, 10167, 10209

AMINO ACIDS, ESSENTIAL: 3926, 8069

AMINO ACIDS, SULFUR: 1815, 8522, 10216

AMINO ACYL T RNA SYNTHETASES: 2560, 5719, 6426

AMINO SUGARS: 3228, 9281

AMINOACIDURIA, RENAL: 7354

P-AMINOBENZOIC ACID: 3141, 4777, 5814, 6707–6708, 9694, 10224

AMINOBENZOIC ACIDS: 3141, 5905

AMINOBUTYRATE AMINOTRANSFERASE: 5499, 6216

AMINOBUTYRIC ACIDS: 1443, 1815

6-AMINOCAPROIC ACID: 44, 588, 663, 755, 869, 1045, 1176, 1382, 1401, 1507, 1827, 2519, 2762, 4469, 4599, 4777, 5156, 5698, 5767, 6505, 8244, 8416, 8525, 8951, 9574, 10069, 10246

AMINOCAPROIC ACIDS: 44, 588, 663, 688, 984, 1118, 1176, 1283, 1382, 1399, 1443, 1546, 1815, 1827, 2228, 2519, 2612, 2762, 2919, 3620, 3654, 4426, 4469, 4508, 4599, 4757, 4886, 5119, 5229, 5499, 5698, 6216, 6338, 6505, 6707–6708, 6725, 6926, 7110, 7614, 7664, 8244, 8416, 8525, 8679, 8950, 9028–9029, 10069, 10156, 10246–10247

AMINOGLYCOSIDES: 1865

AMINOHYDROLASES: 7050, 8649–8650

AMINOISOBUTYRIC ACID: 4158

AMINOLEVULINIC ACID: 1037, 10137

AMINOLEVULINIC ACID SYNTHETASE: 4564, 6742

AMINOPEPTIDASES: 271, 535, 537, 799, 1000, 1664, 2439, 3612, 3759, 4483, 4545, 4708, 5218, 5981, 6360, 6385, 6532, 6916, 8333, 9423–9424, 9520, 9828

AMINOPHYLLINE: 2228, 4209, 5377, 5668, 6279, 7316

AMINOPROPIONITRILE: 372, 6052

AMINOPTERIN: 5776

AMINOPYRINE: 34, 2386, 2466, 4153, 4358, 5119

AMINOPYRINE N-DEMETHYLASE: 2620, 7609

AMINOREX: 9399

AMINOTRANSFERASES: 346–347, 1528, 2750, 3245, 4564–4565, 5499, 6216, 6387, 7266, 7770, 8006, 9311, 9759

AMITRIPTYLINE: 1617, 3959, 8932, 9231

AMMONIA: 747, 1056, 1684, 1753, 2664, 3966, 4136, 4919, 6000, 6382, 6796, 7770, 8043, 8122

AMMONIA-LYASES: 2, 6237–6238, 8210, 9013, 10242

AMMONIUM CHLORIDE: 1416, 1425, 4587, 4914, 7888, 9742, 9837

AMMONIUM COMPOUNDS: 444, 537, 1433, 5245, 7092, 7694, 10276

AMMONIUM SULFATE: 3533, 3909, 4591, 7131, 8720, 9250, 9716

AMNIOCENTESIS: 3761, 8709

AMNION: 1305, 1829, 3462, 6035–6036

AMNIOTIC FLUID: 396, 3883, 5420, 7808, 8027, 8528, 8979, 8981, 9437, 10098

AMOBARBITAL: 287, 1839, 3811

AMOEBA: 2293, 2441

AMP DEAMINASE: 2618, 3949

AMPHETAMINE: 1065, 1247, 1258, 6281, 9093

AMPHETAMINES: 482, 4632, 9282, 9347

AMPHIBIA: 1785, 7901

AMPHOTERICIN B: 6665, 7372, 7788

AMPICILLIN: 4336, 6103, 6293, 9518

AMPUTATION: 530, 575, 1107, 4364, 5379, 6776, 9735, 10064

AMPUTATION, TRAUMATIC: 1853, 6120, 6354, 6744, 9064–9065, 9856

AMYLASE: 77, 101, 232, 284, 298, 562, 845, 961, 999, 1030, 1119, 1321, 1372, 1429, 1443, 1517, 1562, 1781, 1886, 2129, 2198, 2259, 2593, 2688, 2817, 3032, 3100, 3319, 3593, 3618, 3773, 4035, 4121, 4239, 4272, 4527, 4898, 4908, 5198, 5204, 5273, 5336, 5471, 5541, 5747, 5813, 5862, 6303, 6533, 6798, 7197, 7250, 7273, 7510, 7789–7790, 7811, 8574, 8603, 8696, 8755, 8771, 8787, 8826, 9025, 9063, 9108, 9138, 9147, 9387, 9470–9472, 9568, 9622, 9654, 9802, 10210, 10284

AMYLOID: 1006, 3014, 3177, 5433, 8542, 9215

AMYLOIDOSIS: 1082, 2196, 2540, 2878, 3177, 3540, 3937, 4974, 5433, 5750, 5922, 7578, 7799, 8542, 8700, 9167, 10080, 10343

AMYLOPECTIN: 9305

AMYLOSE: 9014

AMYOTROPHIC LATERAL SCLEROSIS: 5726, 6906

ANABOLIC STEROIDS: 2931, 5066, 5797, 6034

ANAEROBIOSIS: 567, 1832, 2115, 2803, 3478, 3641, 4907, 10180

ANAL GLAND NEOPLASMS: 7623

ANALEPTICS: 2131, 5960

ANALGESIA: 180, 7128

ANALGESICS, ADDICTIVE: 3756, 5960

ANALGESICS AND ANTIPYRETICS: 312, 557, 644, 1180, 1338, 1538, 3476, 3490, 3611, 3710, 4344, 4415, 4455, 5425, 5960, 6022, 7947, 8645, 9396, 9445

ANALGESICS, ANTI-INFLAMMATORY: 3357, 5774, 8478, 9019, 9140, 9294, 9486, 9601

ANALYSIS OF VARIANCE: 1984, 2043, 2597, 2873, 2901, 7187, 10275

ANAPHYLATOXINS: 6611

ANAPHYLAXIS: 378, 426, 2312, 2538, 2606, 2612, 2614–2616, 2672, 2755, 3398, 3794, 4196, 4515, 4710, 5253, 5478, 5979, 6394, 6611, 7017, 7333, 7439, 8179, 10068

ANAPLASIA: 8055

ANDROGENS: 83, 921, 923, 1299, 6034, 7754, 8100

ANDROSTANES: 5066

ANDROSTENEDIONE: 1331

ANEMIA: 128, 147, 598, 735, 1055, 1059, 1244, 1607, 1616, 1646, 1846, 2067, 2175, 2360, 2657, 3124, 3137, 3315, 3370, 3424, 3451, 3565, 3765, 3798, 4059, 4534, 4603, 5037, 5234, 5549, 5678, 5703, 5730, 5791, 5815, 5856, 5910, 5922, 6220, 6445, 6647, 6685, 6874, 7199, 7596, 7706, 7873, 8492, 8556, 9104, 9659, 9690

ANEMIA, APLASTIC: 503, 519, 598, 721, 1782, 2289, 2528, 2642, 2923, 3377, 3598, 3737, 3764, 3828, 4656, 5234, 5595, 5850, 6206, 6222, 6398, 6425, 6434, 6491, 6815, 7199, 7228, 7323, 8646, 9234, 10359

ANEMIA, HEMOLYTIC: 371, 470, 1759, 1846, 1952, 2135, 2320, 2660, 3129, 3214, 4656, 5476, 5555, 6445, 7390, 7453, 8036, 8120, 9718

ANEMIA, HEMOLYTIC, ACQUIRED: 161, 722, 1260, 1479, 2392, 5234, 5830, 5869, 7116, 9319

ANEMIA, HEMOLYTIC, AUTOIMMUNE: 162, 299, 669, 989, 1478, 1646, 1913, 2542, 2661, 3598, 3737, 5398, 5972, 6453, 8179, 8185

ANEMIA, HEMOLYTIC, CONGENITAL: 161, 669, 786

ANEMIA, HEMOLYTIC, CONGENITAL NONSPHEROCYTIC: 1479

ANEMIA, HYPOCHROMIC: 598, 669, 1641, 1821, 1846, 3367, 5807, 6206, 6445, 9612

ANEMIA, MACROCYTIC: 1912, 2028, 5801

ANEMIA, MYELOPHTHISIC: 2782

ANEMIA, PERNICIOUS: 3598, 6006, 9290, 9755

ANEMIA, SICKLE CELL: 534, 669, 786, 1043, 1179, 1402, 1572, 1624, 1958, 3115, 3466, 4185, 4335, 4873, 4903, 5124, 5586, 5721, 6105, 6550, 6573, 6691, 7320, 7603, 8185, 8246, 8637, 10058

ANEMIA, SIDEROBLASTIC: 1646, 1846, 3367, 8862

ANEMIA, SPLENIC: 5234
ANESTHESIA: 2292, 2345, 2748, 2996–2998, 3011, 3516, 4553, 5121, 5174, 5230, 5681, 6197, 6354, 6647, 6691, 7192, 7793, 8132, 8174, 8246, 8376, 9511
ANESTHESIA, CONDUCTION: 1410, 6499
ANESTHESIA, DENTAL: 3166, 6499
ANESTHESIA, EPIDURAL: 2471
ANESTHESIA, GENERAL: 155, 217, 2040, 2471, 2703, 2873, 2999, 3166, 4086, 4197, 4644, 8956
ANESTHESIA, INHALATION: 4274, 5174, 7024
ANESTHESIA, INTRATRACHEAL: 2133, 2839, 2995, 10277
ANESTHESIA, INTRAVENOUS: 2695, 3040
ANESTHESIA, LOCAL: 217, 459, 2470, 3771, 8853, 10068
ANESTHESIA, OBSTETRICAL: 1858, 3832, 4043, 5078
ANESTHESIA, SPINAL: 5078
ANESTHETICS: 1865, 1999, 2471, 2873, 4086, 5960, 6684, 7326
ANESTHETICS, LOCAL: 1416, 2779, 3166, 5960, 8894, 9396, 9486
ANEUPLOIDY: 1178, 4713, 9910, 10186
ANEURYSM: 129, 487, 554, 582, 1597, 1651, 1703, 1888, 1902, 2015, 2081, 2354, 3396, 4210, 4510, 4634, 5161, 5559, 5958–5959, 6093, 7534, 8062, 8508, 8914, 9506, 9510, 9675, 9722, 9741, 9833, 10219
ANEURYSM, DISSECTING: 1268, 2207, 6060, 7217, 7492, 8241, 9780
ANEURYSM, MYCOTIC: 5559, 8550, 9010
ANGINA PECTORIS: 267, 583, 1885, 2779, 3011, 3072, 3149, 3288, 3812, 4586, 5248, 6015, 6596, 7718, 8050, 8222, 8450, 8556, 9601, 9675, 9780, 10081, 10223
ANGINA PECTORIS, VARIANT: 4586
ANGIOCARDIOGRAPHY: 1069, 2232, 7383, 7734, 8576
ANGIOGENESIS FACTOR: 5187
ANGIOGRAPHY: 103, 208, 407, 443, 487, 529, 550, 645, 668, 670–671, 834, 883, 959, 977, 996–997, 1009, 1096, 1102, 1287, 1360, 1433, 1467, 1534, 1574, 1807, 1905, 2015, 2081, 2125, 2647, 2869, 2983, 3094, 3099, 3317, 3344, 3396, 3813, 4500, 4535, 4568, 4613, 4643, 4810, 5257, 5376, 5464, 5840, 5906, 6019, 6359, 6381, 6436, 6519, 6621, 6682, 6775, 6860, 6996, 7082, 7462, 7746, 8368, 8384, 8500, 8742, 8846, 8872, 9610, 9777, 9865, 9892, 9940–9941, 9986, 9992, 10064, 10203
ANGIOKERATOMA: 6905
ANGIOMA, SCLEROSING: 1265, 4895, 5024
ANGIOMATOSIS: 329, 958, 1402, 1651, 1793, 2986, 3305, 4522, 4769, 5298, 5538, 7746, 7994, 8146, 9507, 9620, 9678
ANGIONEUROTIC EDEMA: 23, 400, 2762, 4807, 4886, 5726, 6598, 6906, 7498, 7754, 7864, 8881, 8904
ANGIOSARCOMA: 1265, 1428, 1793, 2696, 2866, 4389, 6959, 7819, 8055, 9157, 9291, 10359
ANGIOTENSIN: 1475, 1760, 1974, 2486, 2956, 3535, 3935, 4363, 4366, 5280, 5695, 5800, 5901, 6140, 6670, 6778, 6931, 7067, 7538, 8090, 8316, 8509, 8690, 9156, 9442, 9794, 9796
ANGIOTENSIN II: 3580, 5737, 6778, 7067, 7538, 8316, 8509, 9442
ANGIOTENSIN III: 7067
ANGIOTENSINASE: 9794–9796
ANGIOTENSINOGEN: 2326, 7067, 7420, 9442
ANHYDRIDES: 1571, 4800, 10103
ANILIDES: 2916, 4056, 4144, 4539, 4972, 7920, 8254, 8946, 9423
ANILINE COMPOUNDS: 3889, 6394, 6463, 8673, 9422
ANILINE HYDROXYLASE: 7272
ANILINO NAPHTHALENESULFONATES: 547, 2393, 6993
ANIMAL FEED: 2322, 3372, 5747, 6913, 8723, 9467, 9981
ANIMAL NUTRITION: 5327
ANIMALS, DOMESTIC: 8502
ANIMALS, LABORATORY: 2192, 2630, 7331
ANIMALS, NEWBORN: 156, 648, 1005, 1033, 1493, 1587, 2589, 3403, 3489, 3651, 3789, 4531, 5272, 5975, 6468, 6638, 7106, 8139, 8521, 9742, 9808, 9981
ANIONS: 153, 211, 1420, 1645, 7031, 7777
ANISOLES: 6872
ANKLE JOINT: 2778, 5474, 5689, 6215, 10264
ANKYLOSIS: 10068
ANNELIDA: 4370
ANOREXIA: 6665
ANOREXIA NERVOSA: 1821, 5168
ANOXEMIA: 2761, 4285, 5681, 6597, 6685, 7003, 7192, 7472, 8769, 9270, 9597, 10228
ANOXIA: 147, 473, 730, 932, 1079, 1484, 1678, 2087, 2152, 2526, 2643, 2942, 3370, 3651, 4223, 4354, 5185, 5721, 5737, 5762, 5819, 6240, 6609, 7544, 7579, 7706, 7736, 8034, 8459–8460, 9260, 9866
ANTACIDS: 270, 3490, 3643, 3999, 4064, 6022, 7733, 9349
ANTERIOR CHAMBER: 1382
ANTHELMINTICS: 4720, 6940, 8889, 9979
ANTHOCYANINS: 682
ANTHRACENES: 7411, 9489
ANTHRALIN: 7411
ANTHRANILATE SYNTHASE: 5170
ANTHRANILIC ACIDS: 1480
ANTHRAQUINONES: 3045
ANTHROPOMETRY: 540
ANTI-ANTIBODIES: 1514, 2172, 2720, 4013, 4318, 4767, 4865, 4983, 6673, 6935, 7006, 8176, 8867, 9508, 9878
ANTI-ARRHYTHMIA AGENTS: 1123, 1538, 1854, 3004, 3490, 3852, 4064, 5593, 6022, 7681
ANTI-AUSTRALIA ANTIGEN: 1801, 3679, 10129
ANTIBIOTICS: 14, 105, 242, 254, 289, 334, 453, 488, 516, 563, 644, 764–765, 843, 952, 1019, 1030, 1049, 1298, 1374, 1447, 1465, 1521, 1538, 1636, 1795–1796, 1842, 1865, 2048, 2061, 2129, 2251, 2490, 2529, 2583, 2688, 2715, 2788, 2966, 3027, 3033, 3166, 3200, 3413, 3475, 3658, 3680, 3705, 3835, 3840, 3876, 3948, 3999–4000, 4060, 4096, 4204, 4263, 4407, 4604, 5091, 5309, 5374, 5563, 5568, 5662, 5733, 5796, 5798, 5983, 6032, 6056, 6103, 6217, 6394, 6431, 6446, 6469, 6578, 6617, 6835, 6871, 7185, 7256, 7424, 7605, 7657, 7969, 8063, 8080, 8189, 8228, 8492, 8506, 8613, 8645, 8699, 8803, 8877, 8894, 9024, 9065, 9167, 9413, 9619, 9737, 9793, 9950, 10023, 10381, 10393
ANTIBIOTICS, ANTIFUNGAL: 1538, 6971
ANTIBIOTICS, ANTINEOPLASTIC: 1846, 5317, 9413
ANTIBIOTICS, ANTITUBERCULAR: 1538
ANTIBODIES: 136, 162, 277, 304, 669, 715, 788, 839, 984, 1016, 1039, 1088, 1317, 1347, 1363, 1394, 1443, 1470, 1634, 1636, 1810, 1856, 1919, 2003, 2182, 2243, 2355, 2464, 2535, 2574, 2608, 2755, 2836, 2851, 2867, 2946, 3249, 3342, 3359, 3426, 3488, 3566, 3737, 3750, 3792, 3969, 4047, 4089, 4103, 4159, 4318, 4371, 4403, 4700, 4767, 4802, 4995, 5177, 5224, 5238, 5353, 5389, 5412, 5591, 5646, 5863, 5869, 5898, 6432, 6441, 6457, 6480, 6571, 6611, 6668, 6690, 6793, 6911, 7291, 7418, 7514, 7545, 7557, 7665, 7684, 7870, 7960, 8044, 8110, 8176, 8400, 8523, 8676, 8726, 8817, 9057, 9188, 9190, 9194, 9689, 9985, 10129, 10188, 10193, 10278, 10386, 10393
ANTIBODIES, BACTERIAL: 1125, 1173, 1566, 1931, 2209, 2864, 4399, 4852, 6149, 7006, 9056, 9431
ANTIBODIES, HETEROTYPIC: 3312
ANTIBODIES, NEOPLASM: 2303
ANTIBODIES, VIRAL: 1212, 1464, 2341, 3533, 3579, 4214, 5030, 5389, 5398, 5649, 6122, 8041, 8452
ANTIBODY DISSOCIATION: 3537, 4318
ANTIBODY FORMATION: 3, 25, 124, 136, 187, 338, 722, 772, 925, 936, 1038, 1059, 1111, 1136, 1181, 1421, 1566, 1618, 1791, 1866–1867, 1931, 2018, 2090, 2172, 2255, 2872, 3216, 3320, 3448, 3761, 3882, 3983, 4040, 4196, 4339, 4358, 4376, 4561, 4611, 4910, 4934, 5224, 5290, 5671–5672, 6190, 6392, 6807, 7111, 7154, 7290, 7361, 7405, 7491, 7699, 7992, 8343, 8937, 9055, 9087, 9207, 9389, 9439, 9703, 9886, 10247
ANTIBODY PRODUCING CELLS: 2872, 7009, 8058, 10247
ANTIBODY SPECIFICITY: 763, 780, 1016–1017, 1070, 1226, 1363, 1373, 1618, 1634, 1843, 1956, 2172, 2300, 2303, 2496, 3193, 3339, 3680, 3751–3752, 4339, 4361, 4371, 4399, 4587, 4865, 5012, 5177, 5353, 5417, 5432, 5451, 5587, 6295, 6392, 6479, 6697, 7323, 7361, 7611, 7903, 7909, 8058, 8675, 8817, 9057, 9189, 9240, 9688, 10394
ANTICHOLESTEREMIC AGENTS: 116, 2255, 5983
ANTICOAGULANTS: 9, 14, 30, 39, 309, 316, 328, 355, 386, 399, 401, 404–405, 480, 482, 524, 551, 557, 583, 593, 626, 628, 637, 667, 669, 689, 711, 736, 743, 750, 777, 821, 874, 910, 963, 973, 991, 1018, 1082–1083, 1091, 1123, 1132, 1145, 1225, 1254–1255, 1290, 1306, 1364, 1374–1375, 1485, 1538, 1540, 1585, 1617, 1627, 1758, 1780, 1808, 1837, 1865, 1871, 1896, 1898–1899, 1961, 2035, 2041, 2056, 2123, 2154, 2268, 2276, 2278, 2321, 2327, 2386, 2435, 2520, 2584, 2604, 2629, 2634, 2665, 2674, 2692, 2747, 2784, 2799, 2812, 2875, 2932, 2934–2935, 2946, 2966, 2993, 3011, 3039, 3049, 3051, 3069, 3085, 3110, 3118, 3152, 3164, 3166, 3209, 3233, 3237, 3287, 3292, 3350, 3454, 3458–3459, 3465, 3476, 3490, 3510, 3514, 3541, 3611, 3626–3627, 3715, 3718, 3735, 3755, 3810, 3812, 3845–3846, 3852, 3907, 3945, 4011, 4030, 4037–4038, 4060, 4064, 4072, 4077, 4096, 4149, 4181, 4296, 4415, 4417, 4455, 4461, 4464, 4559, 4569, 4573, 4579, 4594, 4647, 4741, 4776, 4785, 4851, 4871, 4878, 4890, 4925, 4949, 4977, 5028, 5044, 5051, 5057, 5126, 5155–5156, 5211, 5216, 5240, 5356, 5364, 5377, 5465, 5531, 5533, 5593, 5599, 5609, 5673, 5677, 5725, 5733, 5772, 5816, 5847, 5884, 5904, 5907, 5943, 5960, 6022, 6032, 6072, 6097, 6110, 6117, 6120, 6153, 6165, 6188, 6212–6214, 6245, 6271, 6298, 6331, 6345, 6394, 6414, 6490, 6559, 6573, 6581, 6596, 6617, 6635, 6661, 6704, 6730, 6733, 6739–6740, 6784, 6804, 6859, 6917, 6924, 7059, 7080–7081, 7109, 7114, 7229, 7317, 7321, 7338, 7349, 7388, 7422, 7461, 7513, 7564, 7582, 7589, 7606, 7621, 7629, 7651, 7658, 7688, 7718, 7724, 7737, 7778, 7797–7798, 7854, 7885, 7969, 8039, 8063, 8106, 8115, 8117, 8140, 8142, 8215, 8293, 8313, 8320, 8327–8328, 8407, 8421, 8450, 8492–8493, 8510, 8516, 8551, 8553, 8566, 8631, 8669, 8736, 8762, 8805, 8868, 8896, 8909,

8912, 8970, 8975, 8996, 9021, 9140, 9167, 9213, 9227, 9233, 9277, 9294, 9305, 9324, 9336, 9373, 9399, 9477, 9486, 9512, 9516–9517, 9526, 9528, 9546, 9584, 9604, 9613, 9630–9631, 9711, 9727, 9751, 9758, 9816, 9874, 9901, 9903, 9915, 9924, 9931, 9944, 9946, 10023, 10053, 10078, 10086, 10176, 10234, 10257, 10261, 10271, 10285, 10292, 10319, 10324, 10327, 10331, 10364
ANTICONVULSANTS: 556, 1538, 3080, 3490, 4619, 5960, 5974, 6331, 7221, 7606, 8008, 9396, 9486
ANTIDEPRESSIVE AGENTS: 482, 4837, 5344, 6822, 7840, 8140
ANTIDEPRESSIVE AGENTS, TRICYCLIC: 1065, 1839, 2385, 3945, 4091, 5263, 9526
ANTIDOTES: 2932
ANTIEMETICS: 9396
ANTIFIBRINOLYTIC AGENTS: 312, 355, 396, 465, 731, 1176, 1498, 2168, 2718, 2732–2737, 2992, 3867, 3875, 4777, 5905, 6336, 6593, 6805, 7035, 7037, 7056, 8506, 8525, 9378, 10289, 10349
ANTIFOAMING AGENTS: 283
ANTIFUNGAL AGENTS: 4777, 5437
ANTIGEN-ANTIBODY COMPLEX: 297, 608, 1033, 1212, 1317, 1375, 1438, 1711, 2176, 2353, 2574, 2615, 2755, 2896–2897, 3435, 3701, 3790, 3794, 4387, 4431, 4578, 4594, 4610–4611, 4886, 4983, 5238, 5341, 5632, 6242, 6385, 6429, 6487, 6869, 7006, 7010, 7163, 7525, 7537, 7676, 7786, 8111, 8365, 8370, 8402, 8591, 8680, 9009, 9425, 9689, 9985, 10394
ANTIGEN-ANTIBODY REACTIONS: 195, 223, 517, 1087, 2303, 2400, 2625, 3566, 3680, 4302, 4587, 4636, 4853, 4885–4886, 5253, 6043, 6350, 6441, 6611, 6789, 6911, 6935, 7314, 7366, 7545, 8000, 8200, 8240, 8365, 8396, 8745, 9189, 9191, 9252, 9520, 9542, 9661, 9878, 9909, 10268
ANTIGENIC DETERMINANTS: 142, 195, 549, 679, 716, 722, 763, 1002, 1311, 1348, 1394, 1723, 2263, 2294, 2313, 2427, 2440, 2459, 2462, 2773, 2924–2925, 3002, 3285, 3537, 3870, 4401, 4917, 5412, 5417, 5423, 5445, 5968, 6479, 6485, 6750–6751, 6881, 6935, 6937, 6945, 7013, 7068, 7112, 7254, 7361, 7536, 7915, 7925, 8058, 8083, 8660, 8675, 8779, 9049, 9057, 9087, 9318, 9520, 9667, 10343
ANTIGENS: 195, 338, 425, 688, 690, 715, 722, 763, 780, 792, 810, 908, 925, 984, 988, 1046, 1066, 1109, 1179, 1213, 1224, 1348, 1356, 1375, 1393, 1454, 1536, 1545, 1626, 1649, 1734, 1866, 2071, 2154, 2172, 2176, 2261, 2313, 2338, 2409, 2422, 2437, 2485, 2525, 2546, 2558, 2807, 2835, 2856, 2861, 2884, 2914, 3002, 3020, 3 4, 3122, 3131, 3184, 3195, 3239, 3314, 3332–3333, 3342, 3358–3359, 3411, 3623, 3724, 3853, 4150, 4159, 4181–4182, 4251, 4375–4376, 4401–4402, 4549, 4592, 4611, 4752, 4766, 4994, 5253, 5412, 5429, 5431, 5518, 5653, 5773, 5825, 6005, 6047, 6190, 6196, 6295, 6398, 6457, 6479, 6629, 6660, 6688, 6928, 6945, 7068–7069, 7136, 7220, 7345, 7361–7362, 7500, 7843, 7925, 8044, 8058, 8081, 8110, 8388, 8434, 8591, 8660, 8726, 8816, 8867, 8935–8936, 9048, 9167, 9198, 9318, 9352, 9439, 9667, 9689, 9762, 9878, 10045, 10089, 10128, 10247, 10278, 10318, 10393–10394
ANTIGENS, BACTERIAL: 810, 1551, 1931, 2436, 2462, 2755, 3701, 3921, 3958, 4171, 4421, 4578, 5647, 6068, 6149, 6350, 7006, 7013, 7964, 9431
ANTIGENS, FUNGAL: 576, 2322, 3680, 3701, 7013, 7979
ANTIGENS, HETEROGENETIC: 8365
ANTIGENS, NEOPLASM: 2303, 3566, 7799, 8111, 8891, 9048, 9191, 9240, 9806
ANTIGENS, VIRAL: 772, 1002, 2383, 3621, 4027, 5096, 5632, 5880, 5965, 6076, 6750–6751, 6937, 7536, 8136, 9076, 9954, 10050
ANTIHYPERTENSIVE AGENTS: 405, 1123, 1290, 1538, 3011, 3166, 3288, 3490, 3541, 3935, 4619, 4785, 4869, 5884, 5960, 5974, 5983, 6022, 6593, 6627, 7388, 7902, 8140, 9486, 10349, 10364
ANTI-INFECTIVE AGENTS: 196, 3490, 6022, 9486, 10364
ANTI-INFECTIVE AGENTS, LOCAL: 5105, 5523
ANTI-INFECTIVE AGENTS, URINARY: 1538
ANTI-INFLAMMATORY AGENTS: 50, 312, 807, 821, 1180, 1528, 2022, 2176, 2634, 2707, 3120, 3357, 3470, 3476, 3628, 3755–3756, 3945–3946, 4064, 4070, 4344, 4748–4749, 5021, 5026, 5155, 5411, 5884, 5983, 6022, 6357, 6859, 7232, 7388, 7700, 8204, 9095, 9105, 9266, 9282, 9396, 9534, 9564, 9639, 9909, 10092
ANTI-INFLAMMATORY AGENTS, TOPICAL: 7948, 10034
ANTILIPEMIC AGENTS: 116, 3611, 5960, 6653, 7489, 9608
ANTILYMPHOCYTE SERUM: 648, 1356, 1526, 2719, 2924, 3002, 5341, 6935, 7801, 9231, 9956, 10185
ANTIMALARIALS: 1538, 5155, 6104, 8624, 10385
ANTIMETABOLITES: 2803, 4424, 5599
ANTIMONY: 4914
ANTIMYCIN A: 287, 707, 1956, 2855, 3641, 7308
ANTINEOPLASTIC AGENTS: 64, 355, 1217, 1290, 1411, 1726, 1812, 2688, 3120, 3252, 3566, 3608, 4096, 4780, 5070, 5549, 5662, 5972, 6562, 8320, 8613, 8833, 8912, 9486, 9659, 9951, 9976, 9994
ANTINUCLEAR FACTORS: 517, 2057, 4259, 4387, 4402, 8209, 8211
ANTIOXIDANTS: 832, 10354
ANTIPARKINSON AGENTS: 5960
ANTIPYRINE: 365, 2386, 2629, 2739, 4502
ANTIRETICULAR CYTOTOXIC SERUM: 6125
ANTISEPSIS: 4204
ANTISTREPTOLYSIN: 2864, 4852, 8288, 9822
ANTITHROMBINS: 88–89, 148, 165, 203, 213–214, 281, 465, 704, 708, 827, 881, 1130, 1181, 1240, 1307, 1316, 1431, 1503–1504, 1655, 1713, 1736, 1917, 1928–1929, 2070, 2393, 2581, 2585, 2640, 2691, 2847, 2888, 3145–3146, 3240, 3244, 3380, 3421, 3695, 3967, 4372, 4698, 4807, 4829, 5044, 5284–5285, 5530, 5577–5578, 5704, 5725, 5868, 5952, 5997, 6054, 6061, 6073–6074, 6493, 6496, 6503, 6634, 6663, 6666, 6714, 6764–6766, 6797, 6800–6801, 6910, 7036, 7095, 7104, 7195, 7459, 7574, 7626, 7761, 7920, 7922, 7941, 8172, 8177, 8254, 8314, 8469, 8739, 8758, 8793, 8900, 8941, 8978, 8980, 8982, 9041, 9047, 9131, 9182, 9213, 9382, 9392, 9513, 9554, 9562, 9633, 9637, 9693, 9757, 9765, 9821, 9898, 9900, 9918, 10110, 10163, 10183, 10204, 10220
ANTITOXINS: 1125, 2080
ANTI-ULCER AGENTS: 9396
ANTIVENINS: 3241, 9810
ANURIA: 870, 978, 2687, 4847, 6394, 7505, 8506, 8992
ANUS: 233, 4199, 4309, 5642, 9360
AORTA: 38, 372, 600–601, 720, 790, 1243, 1278, 1337, 1469, 1497, 1915, 1986, 2000, 2073, 2377, 2465, 2486, 2513, 2643, 2769, 3060, 3117, 3127, 3157, 3258, 3274, 3306, 3572, 3629, 3687, 3700, 3842, 3863, 3892, 3911, 4008, 4364, 4441, 4633, 4996, 4998–5000, 5065, 5194, 5196–5197, 5415, 5444, 5660, 5742, 5764, 5806, 5943, 5951, 6053, 6089, 6102, 6196, 6272, 6284, 6300, 6536, 6572, 6607, 6728, 6861, 6867, 7076, 7164, 7183, 7196, 7438, 7538, 7565, 7852, 8155, 8370, 8562, 8610–8611, 8841, 8852, 8987, 9252, 9388, 9466–9467, 9597, 9725, 9844, 9846, 10017–10018, 10263
AORTA, ABDOMINAL: 433, 1343, 1640, 1668, 1714, 1779, 1890, 2081, 2345, 2590, 3516, 4313, 4368, 5305, 5340, 5652, 5673, 5860, 5961, 5985, 6409, 7280–7281, 7747, 8054, 8341, 8743, 9298, 9579, 9673, 9812, 10301, 10311
AORTA, THORACIC: 158, 392, 720, 1583, 1777, 1964, 2207, 3169–3170, 4864, 5000, 5245, 5764, 5951, 6523, 6778, 8241, 9726, 9850, 9993, 10199
AORTIC ANEURYSM: 327, 700, 990, 1268, 1335, 1714, 1779, 2000, 2081, 2207, 2962, 3516, 4069, 4368, 4931, 5245, 5340, 5673, 5860, 5951, 6409, 6861, 7007, 7492, 8241, 8337, 8859, 9850, 10078, 10311, 10319
AORTIC DISEASES: 433, 720, 1052, 1228, 1668, 1777, 2547, 2646, 5196, 5305, 5985, 6409, 7280–7281, 8054, 8337, 8341, 8370, 9364, 9579, 9844
AORTIC RUPTURE: 392, 1779, 2207, 2547, 3516, 10311
AORTIC SUBVALVULAR STENOSIS: 7007
AORTIC VALVE: 14, 82, 882, 894, 963, 1489, 1842, 1899–1901, 1918, 2035, 2202, 2346, 2728, 3050, 3606, 3770, 4155, 4170, 4977, 5211, 5356, 5393, 5421, 5459–5460, 5466, 5760, 5988, 6110, 6902, 6938, 7408, 7526, 7678, 7817, 7932, 7990, 8117, 8377, 8746, 8752, 8778, 8821, 8879, 9243, 10199, 10287
AORTIC VALVE INSUFFICIENCY: 894, 1832, 2035, 5465, 6882, 7007, 7817, 7916
AORTIC VALVE STENOSIS: 894, 1918, 2035, 4977, 6685, 7007, 7817, 8576, 8778
AORTOCORONARY BYPASS: 129, 674, 870, 1273, 2744, 2765, 3072, 3288, 3401, 4505, 4586, 5249, 6099, 6792, 6820, 6867, 8260, 8450, 8576, 8716, 8841, 9164, 9178, 10204, 10374
AORTOGRAPHY: 392, 1107, 3503, 4328, 4634, 6019, 8054
APATITES: 1590, 2974–2975, 9366
APAZONE: 3354, 7356
APGAR SCORE: 8213, 9699
APHASIA: 1686, 5392, 7554
APOENZYMES: 1293, 2852, 3616, 3909, 4565, 4696, 6101, 8580
APOLIPOPROTEINS: 431–432, 1625, 2631, 2949, 3156, 3789, 4227–4228, 4546, 4926, 7236, 8391, 9072, 10143
APOMORPHINE: 6982
APOPROTEINS: 885, 2630, 4379, 4696, 7452, 9756
APPENDECTOMY: 4449, 6661, 6684, 9145
APPENDICEAL NEOPLASMS: 4449
APPENDICITIS: 2116, 3037, 4449, 5019, 6684, 9982
APPENDIX: 8058
APPETITE: 1535, 2385
APPETITE DEPRESSANTS: 557, 9399
APPLE: 3283
APRAXIA: 7554
APYRASE: 1047, 1511, 3940, 5444, 9338, 10081
AQUEOUS HUMOR: 5310, 6983
ARABINOFURANOSYLADENINE: 4419
ARABINOSE: 3910

ARACHIDONIC ACIDS: 439, 499, 509, 790, 851, 896, 1277, 1522, 1575, 1635, 1728, 1968, 2005, 2009, 2022, 2325, 2626, 2685, 3064, 3162–3163, 3310, 3471, 3891–3893, 3961–3962, 4333, 4360, 4729, 5065, 5135, 5151, 5199, 5313, 5817, 6198, 6270–6272, 6383, 6649, 6738, 6824, 6947, 7185–7186, 7307–7308, 7409, 7448, 7657, 7676, 7835, 7855, 7961, 8069, 8614, 8616, 8989–8990, 9102, 9326, 9444, 9533, 9577, 9641, 9920, 10162, 10166, 10378
ARACHNIDA: 6510, 6513
ARACHNOIDITIS: 1138
ARBOVIRUSES: 6851, 8362, 8451–8452
ARECA: 5455
ARGINASE: 8277
ARGININE: 265, 292, 346–347, 349, 536, 897, 974, 1017, 1095, 1143, 1164, 1322, 2004, 2144, 2710, 3017, 3022, 3221, 3248, 3695, 3787, 3833, 4026, 4122, 4406, 4589, 4855, 5582, 6084, 6121, 6131, 6760, 7027, 7051, 7327, 7761, 8068, 8094, 8164, 8227, 8235, 8294, 8391, 8658, 9032, 9716, 10071, 10103, 10134, 10152, 10224
ARGON: 946, 2758, 3217, 7301
ARM: 145, 487, 883, 1044, 1838, 2813, 2827, 2947, 3208, 3225, 3678, 4783, 4816, 5031, 5188, 5212, 5487, 5656, 5821, 6390, 6604, 7174, 7573, 7751, 7879, 7917, 8464, 8843, 9162, 9178, 9506, 10028, 10237, 10362
ARM INJURIES: 1853, 2266, 5172, 6263, 7089
AROUSAL: 2385, 6452
ARRHYTHMIA: 13, 628, 1368, 1534, 1559, 2168, 2765, 2779, 2821, 2873, 3011, 3161, 3288, 3370, 3383, 4415, 4500, 4566, 4586, 4684, 4692, 4927, 5757, 6148, 6410, 6618, 6685, 7189, 7734, 9241, 9254, 9880, 10228
ARSENATES: 688
ARTERIAL OCCLUSIVE DISEASES: 199, 415, 443, 554, 575, 736, 816, 943, 1003, 1214–1215, 1583, 1703, 1807, 1836, 1890, 1894, 1997, 2000, 2056, 2158–2159, 2376, 2381–2382, 2745, 2770, 2794, 3073, 3094, 3168, 3226, 3591, 3771, 3830, 4167, 4364, 4368, 4779, 4834, 5010, 5031, 5081, 5183, 5222, 5231, 5291, 5329, 5367, 5487, 5493, 5545, 5624, 5938, 5942–5943, 6069, 6093, 6358–6359, 6409, 6436, 6564, 6608, 6656, 6868, 6943, 6994, 7053, 7125, 7174, 7191, 7196, 7281, 7454, 7838, 7879, 7893, 7974, 8062, 8114, 8143, 8167, 8293, 8337, 8464, 8505, 8683, 8743, 8845–8846, 8855, 8859, 8992, 9164, 9323, 9364, 9374, 9434, 9576, 9588, 9600, 9705, 9727, 9776, 9934, 10043, 10081, 10174, 10279, 10300, 10354
ARTERIES: 237, 306–307, 405, 443, 463, 529, 570, 604, 693, 700, 757, 1009, 1106, 1244, 1309, 1355, 1640, 1666, 1703, 1744, 1807, 1902, 2207, 2231, 2291, 2325, 2371, 2377, 2572, 2591, 2848, 3249, 3317, 3382, 3401, 3481, 3518, 3682, 3738–3739, 3771, 3779, 3957, 3981, 4087, 4313, 4535, 5190, 5212, 5652, 5937, 5959, 6144, 6196, 6271, 6300, 6609, 6744, 6962, 7089, 7125, 7280, 7679, 7773, 7775, 7795, 7963, 8017, 8050, 8062, 8316, 8716, 8990, 9000, 9148, 9164, 9172, 9178, 9331, 9345, 9510, 9547, 9726, 9733, 9768, 9833, 9843, 9847, 9850, 9870, 10219, 10300
ARTERIOSCLEROSIS: 112, 306–307, 336, 372, 463, 533, 604, 693, 978, 1007, 1051–1052, 1268, 1273, 1309, 1337, 1343, 1497, 1506, 1597, 1627, 1744, 1759, 1777, 1837, 1964, 1993, 2066, 2073, 2082, 2255, 2331, 2376–2377, 2643, 2646, 2896–2898, 2983, 3060, 3127, 3226, 3258, 3296, 3310, 3317, 3323, 3385, 3518, 3572, 3576, 3629, 3652, 3700, 3723, 3731, 3875, 3935, 3957, 3979, 4008, 4052–4053, 4345, 4633, 4641, 4665, 4848, 4996, 4998–5000, 5194, 5196–5197, 5305, 5413, 5415, 5628, 5637, 5704, 5764, 5782, 5808, 5844, 5997, 6125, 6196, 6300, 6536, 6544, 6572, 6728, 7076, 7129, 7154, 7164, 7174, 7183, 7280, 7388, 7565, 7679, 7773–7776, 7781, 7795, 7893, 7929, 7976, 8167, 8302–8303, 8610–8611, 8852, 8910, 9153, 9203, 9298, 9326, 9368–9370, 9466–9469, 9528, 9576, 9725–9726, 9735, 9768, 9812, 9843–9844, 9846–9847, 9901, 10017–10018, 10148, 10178, 10262, 10301, 10351, 10353, 10380
ARTERIOSCLEROSIS OBLITERANS: 955, 987, 2199, 3559, 4345, 4383, 4496, 7001, 7580, 8062, 9548, 9833
ARTERIOVENOUS ANASTOMOSIS: 3559, 4643, 9065, 9597
ARTERIOVENOUS FISTULA: 554, 1343, 1583, 2380, 2443, 3018, 3843, 4101, 5161, 5622, 7179, 7238, 7534, 8508, 8620, 9506, 9670, 9719, 9818, 10006, 10175
ARTERIOVENOUS MALFORMATIONS: 329, 746, 883, 2270, 2443, 2986, 3592, 3843, 4450, 4506, 4631, 4810, 5909, 6204, 6381, 6775, 6860, 8998, 9157, 9506, 9678, 9833, 9887, 10064
ARTERIOVENOUS SHUNT, SURGICAL: 120, 453, 594, 1141, 1222, 1289, 1342, 1807, 1842, 2098, 2213, 3467, 3628, 3678, 3766, 4101, 4244, 4315, 4645, 4680, 4730, 4851, 5534, 5625, 5958–5959, 8476, 8519, 9280, 9510, 10142, 10217, 10293
ARTERITIS: 263, 1763, 3487, 3794, 4490, 4834, 6158, 7217, 7637, 8680
ARTHRITIS: 312, 1538, 1646, 2819, 3175, 3354, 4076, 4872, 5410, 5602, 5912, 6242, 7018, 7232, 9019, 9801
ARTHRITIS, ADJUVANT: 3175, 4849, 5410–5411, 7018
ARTHRITIS, INFECTIOUS: 1326, 7232, 8200, 9112
ARTHRITIS, JUVENILE RHEUMATOID: 909, 6590, 8030
ARTHRITIS, RHEUMATOID: 165–167, 467, 517, 951, 1180, 1388, 1419, 1739, 1945, 2137, 2171, 2287, 2412, 2540, 2574, 2584, 2639, 2794, 2798, 2801, 3184, 3613, 3855, 3885, 3937, 4023, 4068, 4563, 4567, 4723, 4852, 4947, 5026, 5234, 5402, 5411, 7232, 7374, 7514, 7901, 7914, 7979, 8169, 8179, 8187, 8200–8204, 8332, 8869, 9498, 9787, 9893, 10303, 10357
ARTHRODESIS: 312, 7844, 9428
ARTHROPLASTY: 312, 413, 749, 1748, 2008, 2584, 4048, 4322, 5001, 5448–5449, 5584, 5911–5912, 7898, 7907, 7934, 8698, 9683
ARTHROPODS: 2871, 4722, 5494, 6513, 8929, 9022
ARTHUS PHENOMENON: 1338, 3701, 3984, 4983, 7006
ARTIFICIAL ORGANS: 607
ARTIODACTYLA: 5079, 5416, 8630, 9840
ARVIN: 319, 2070, 2229, 2381, 2716, 2931, 2934–2935, 3240, 3845–3847, 4053, 4934, 5140, 5182–5183, 5598, 6689, 7343–7344, 7537, 8375, 8394, 8575, 9207–9208, 9219, 9923, 10043, 10325
ARYL HYDROCARBON HYDROXYLASES: 365, 7272
ARYLSULFATASES: 378, 4263, 6360, 6706
ASBESTOS: 144
ASBESTOSIS: 144
ASCARIASIS: 5195
ASCARIDIASIS: 5195
ASCARIS: 547, 3866, 6405
ASCITES: 565, 1392, 1602, 2235, 3271, 4350, 6958, 9190, 9515, 9885, 9972, 10146
ASCITIC FLUID: 263, 511, 2080, 4350, 4636, 5478, 5875, 5986, 6602, 6688, 6793, 7479, 7975, 8983, 9025, 9972, 10045
ASCOMYCETES: 7, 1056, 7364, 8908
ASCORBIC ACID: 335, 1589, 1985, 2177, 2387, 2646, 3095, 3212, 3446, 3891, 3976, 4933, 4964, 5372, 5703, 5977, 7480, 8170, 8531, 8568, 9095
ASCORBIC ACID DEFICIENCY: 1638, 5053
ASEPSIS: 4204
ASPARAGINASE: 1753, 6839, 10186
ASPARAGINE: 3165, 5370, 5420, 6387
ASPARAGINE SYNTHETASE: 1753
ASPARTAME: 4820
ASPARTATE AMINOTRANSFERASE: 2, 13, 235, 774, 939, 1576, 2205, 2224, 2432, 2617–2618, 2776, 2868, 3149, 3207, 3542, 3679, 3849, 4259, 4618, 4696, 4720, 4996, 5389, 7053, 7359, 7472, 8043, 8285, 8580, 8834, 8922, 9635, 10279
ASPARTATE AMMONIA-LYASE: 6237
ASPARTATE CARBAMOYLTRANSFERASE: 5805
ASPARTATE KINASE: 10079
ASPARTIC ACID: 1753, 2694, 3165, 4265, 8435, 9232
ASPARTOKINASE HOMOSERINE DEHYDROGENASE: 1949
ASPERGILLOSIS: 2304, 7408
ASPERGILLUS: 283–284, 1508, 2304, 4172–4173, 4201, 4527, 4877, 4938, 4980, 5051, 5905, 6521, 8299, 9351–9353, 9432, 9929
ASPERGILLUS FLAVUS: 2701, 5568, 5651, 6257
ASPERGILLUS FUMIGATUS: 2091, 2304, 7408
ASPERGILLUS NIGER: 1508
ASPERGILLUS ORYZAE: 860, 2155, 4115, 4527, 4877, 5651, 9351–9352, 9352–9353
ASPHYXIA: 4015, 7946
ASPHYXIA NEONATORUM: 850, 1851, 3234, 3562, 3960, 4746, 5654, 7412, 8048, 9551
ASPIRATION: 8459
ASPIRIN: 23, 120, 169, 190, 224, 275, 295, 328, 424, 479, 593, 602, 784, 827, 904, 943, 969, 1047, 1049, 1082, 1101, 1189, 1238, 1264, 1283, 1411, 1665, 1678, 1691, 1712, 1728, 1780, 1858, 1898, 1900, 1906, 1909, 1960, 1988, 2008, 2022, 2024–2025, 2136, 2206, 2234, 2258, 2329, 2376, 2452, 2513, 2541, 2584, 2601, 2676, 2680–2681, 2684, 2691, 2809, 2824, 2849, 2931, 3163, 3182, 3269, 3357, 3473, 3476, 3498, 3508, 3531, 3628, 3719, 3845–3846, 3888, 3894–3895, 3920, 3963, 4050, 4153, 4249, 4322, 4344, 4447, 4461, 4577, 4611, 4617, 4778, 4851, 4854, 5021, 5044, 5134, 5240–5241, 5259, 5313, 5385, 5393, 5414, 5446, 5448, 5477, 5535–5536, 5720, 5754, 5774, 5872, 5893, 5911, 6153, 6199, 6340, 6347, 6500, 6612, 6705, 6738, 6746, 6767, 6856, 7046, 7256, 7388, 7445, 7453, 7628, 7652–7653, 7713, 7715, 7730, 7733, 7758, 7763, 7779, 7791, 7813–7814, 7838, 7855, 7876, 7883, 7934, 7938, 8030, 8128, 8171–8172, 8184, 8190, 8198, 8357, 8410, 8422, 8500, 8526, 8585, 8694, 8729, 8735, 8818, 8856, 8950–8951, 9294, 9338, 9444–9445, 9482, 9533, 9600–9602, 9638, 9640, 9736, 9949, 9952, 9967, 10081, 10087, 10130, 10139, 10234, 10271, 10316, 10354, 10373
ASSISTED CIRCULATION: 151, 852, 6736, 7483
ASTHMA: 23, 108, 110, 1163, 2310, 2779, 4070, 5503, 5668, 6056, 6598, 6886, 7222, 7333, 8221, 8985, 9406, 10228, 10250, 10386
ASTIGMATISM: 7669

ASTROCYTES: 2922
ASTROCYTOMA: 276, 2678, 3523, 3553, 5354, 7245, 8165, 9986
ASYSTOLE: 3004
ATAXIA: 187, 9979
ATAXIA TELANGIECTASIA: 3320, 3983, 4044, 4123, 5068, 7753, 7755, 7926, 9806
ATELECTASIS: 1300, 1557, 3799, 7192, 8132, 8459, 8956, 9063, 9141, 9597, 9967
ATHEROMA: 987, 1836, 3094, 3731, 3813, 7076, 7164, 7766, 8610–8611, 9440, 9812, 10199
ATHEROSCLEROSIS: 130, 199, 306–307, 336, 372, 405, 463, 604, 693, 720, 816, 1007, 1273, 1288, 1309, 1337, 1343, 1431, 1497, 1535, 1710, 1744, 1958, 1964, 1986, 1993, 2073, 2082, 2255, 2331, 2377, 2391, 2630, 2643, 2898, 3127, 3169, 3258, 3286, 3296, 3310, 3317, 3385, 3518, 3572, 3610, 3627–3629, 3700, 3723, 3935, 3957, 3979, 4008, 4344–4345, 4519, 4633, 4641, 4779, 4996, 4998–5000, 5194, 5197, 5305, 5413, 5415, 5532, 5559, 5652, 5764, 5782, 5808, 5844, 6040, 6196, 6271, 6300, 6536, 6572, 6728, 7183, 7278, 7565, 7679, 7773–7775, 7781, 7795, 8302, 8370, 8380, 8571, 8610, 8852, 8855, 8910, 9153, 9298, 9326, 9368–9370, 9373, 9466, 9468, 9725–9726, 9768, 9784, 9844, 9846, 10017–10018, 10148, 10178, 10262–10263, 10380
ATHLETIC INJURIES: 51, 1611, 4377, 6263, 7029, 9763, 10299
ATLAS: 8144
ATMOSPHERE EXPOSURE CHAMBERS: 1437
ATMOSPHERIC PRESSURE: 413, 1437, 1484, 5846
ATP CITRATE LYASE: 6909
ATRIOVENTRICULAR NODE: 4267
ATROPHY: 497, 891, 2479, 4234–4235, 5338, 8507, 9185, 10377
ATROPINE: 115, 2725, 2873, 3271, 3512, 4157, 4469, 5471, 6209, 7811, 8645, 8654, 10155
ATTITUDE OF HEALTH PERSONNEL: 5408
ATTITUDE TO DEATH: 10311
ATTITUDE TO HEALTH: 4846, 8995
AUDIOMETRY: 1462, 8196, 8307
AUDITORY THRESHOLD: 8307
AURICULAR FIBRILLATION: 1264, 3510, 4454, 5128, 7724, 7788
AURICULAR FLUTTER: 6882, 9477
AURINTRICARBOXYLIC ACID: 5601
AUROTHIOGLUCOSE: 7570
AUSCULTATION: 736, 1905
AUTISM, EARLY INFANTILE: 1686, 5154, 7642, 8730, 9034
AUTOANALYSIS: 2243, 2468, 2627, 3207, 3604, 3913, 4702, 4811, 4889, 5197, 6865, 8102, 8254, 9816
AUTOANTIBODIES: 162, 367, 619, 936, 1077, 1260, 1646, 2189, 2255, 2400, 2464, 2550, 3060, 3137, 3752, 3883, 4259, 4318, 4524, 4744, 5094, 5243, 5744, 6397, 6399–6401, 7395, 7514, 7959–7960, 8058, 8173, 8276, 8288, 9286, 9439, 9688–9689, 10231, 10233, 10297, 10343
AUTOANTIGENS: 1537, 3184
AUTOIMMUNE DISEASES: 464, 621, 1260, 2137, 2189, 2240, 2255, 2400, 2497, 3195–3196, 3598, 3729, 3983, 4131, 4235, 4490, 4813, 5709, 5744, 6066, 6389, 7006, 7319, 7562, 7627, 7630, 7828, 7992, 10249, 10255, 10297
AUTOLYSIS: 3686, 5563, 9432
AUTOMATIC DATA PROCESSING: 7800
AUTOMATION: 9895
AUTONOMIC NERVE BLOCK: 750, 7787
AUTONOMIC NERVOUS SYSTEM: 4129, 5953
AUTOPSY: 140, 519, 637, 912, 1009, 1051–1054, 1161, 1300, 1851, 1910, 2077, 2693, 2934, 2962, 3031, 3353, 3433, 3828, 4097, 4099–4100, 4162, 4267, 4471, 4714, 4850, 4888, 4891, 4939, 6346, 6371, 7303, 7863, 8143–8144, 8225, 8918, 9388, 9420, 9550, 9890
AUTORADIOGRAPHY: 454, 2092, 2567, 2869–2870, 3256, 4179, 4319, 5660, 6503, 6602, 6649, 7736, 8059, 8388, 8486, 9710, 10276
AUTOSOME ABNORMALITIES: 4622, 9623
AVIAN LEUKOSIS-SARCOMA VIRUSES: 8362
AVIAN LEUKOSIS VIRUSES: 714, 5485, 8691, 9348, 9582
AVIATION MEDICINE: 401, 5721, 8376
AVIDIN: 2811
AVITAMINOSIS: 1638, 6849, 7480
AVOIDANCE LEARNING: 6216, 9101, 9260
AXILLARY ARTERY: 487, 554, 1902, 4364, 5172, 7089
AXILLARY VEIN: 554, 1040, 1223, 1516, 2450, 2926, 3678, 3990, 4667, 6109, 6390, 7029, 8336, 8706
AXONS: 945, 3575, 7403, 7853, 9143
AXOPLASMIC FLOW: 2771
AZA COMPOUNDS: 5524
AZACYTIDINE: 9951
AZAGUANINE: 703
AZAMETHONIUM COMPOUNDS: 7811
AZARIBINE: 3393, 8470
AZATHIOPRINE: 83, 950–951, 1144, 1374, 1526, 1810, 3078, 3855, 6203, 6695, 6899, 7688, 9389, 9903
AZAURACIL: 7685, 8568
AZAURIDINE: 7685, 8470, 8568
AZIDES: 526, 1354, 1416, 3378, 4796, 4833, 4894, 6299, 6853, 7102, 7520, 8360, 9284, 9658
AZO COMPOUNDS: 688, 1041–1042, 1394, 1508, 2806, 4426, 4485, 5727, 6783, 7614, 9028–9029
P-AZOBENZENEARSONATE: 1394, 6935
AZOTOBACTER: 814, 2272, 9080, 9627
AZURE STAINS: 652, 4954, 7379, 9910
AZURIN: 6812

B

BABESIA: 2552
BABOONS: 1956, 2692, 2914, 3481, 3629, 3927, 5450, 5579, 5679, 7774, 9808
BACILLUS: 99–100, 302, 1480, 2803, 2928, 3944, 5540–5541, 5651, 5766, 8831, 9299, 9448, 9649–9650
BACILLUS CEREUS: 1551, 3102, 9480
BACILLUS MEGATERIUM: 1499, 3944, 8333, 8538
BACILLUS STEAROTHERMOPHILUS: 2988
BACILLUS SUBTILIS: 492, 872, 998, 1030, 1298, 1380, 1761, 2006, 2186–2187, 2209, 2852, 3046, 3659, 3840, 3944, 5563, 5651, 5894, 6179, 6522, 6972–6973, 8280, 8787, 8800, 9448, 9455
BACILLUS THURINGIENSIS: 1074, 4116, 6497, 9328
BACITRACIN: 2043, 6175, 9649–9650
BACKACHE: 5676
BACTERIA: 1561, 2129, 2209, 2600, 2871, 4849, 5378, 5524, 5541, 7355, 8579, 8710, 8803, 8913, 9028, 9375, 10007
BACTERIAL INFECTIONS: 78, 563, 567, 744, 761, 911, 1842, 2012, 2061, 2087, 2116, 2252, 2600, 2790, 3216, 3469, 3705, 3828, 4044, 4188, 4420, 4473, 4566, 5291, 5379, 5792, 5893, 6445, 6499, 7117, 7558–7559, 7755, 7792, 7828, 7926, 8079, 8228, 8492, 8645, 8711, 9016, 9024, 9047, 9185, 9265, 9504, 9619, 9737, 9806, 10381
BACTERIAL PROTEINS: 799, 918, 924, 1499, 1510, 1551, 1904, 1931, 2006, 2138, 2459, 2803, 3024–3025, 3564, 3745, 3824, 3887, 4482, 4494, 4545, 4587, 4610, 4629, 4943, 5170, 5601, 6021, 6179, 6234, 6636, 6931, 7224, 7660, 8538, 8552, 8860, 8971, 8993, 9502, 9650, 10022, 10123
BACTERIAL TOXINS: 1904, 4421, 5145, 5296, 5358, 6511, 6718, 7290, 7605, 8002, 9541, 10170, 10250
BACTERIOCINS: 4207, 4427, 5251, 7728, 8480
BACTERIOLOGICAL TECHNICS: 1567, 3903, 5009, 5251, 6090, 6169, 6472, 6779, 8699
BACTERIOLYSIS: 334, 442, 7745, 8944, 9210, 9354
BACTERIOPHAGE TYPING: 105, 334, 442, 1270, 1904, 2117, 4658, 5091, 8699
BACTERIOPHAGES: 1298, 3871, 7745, 9354
BACTERIORHODOPSIN: 5603
BACTERIURIA: 902, 3525
BACTEROIDES: 3378, 5370, 7827, 7936, 9525
BACTEROIDES FRAGILIS: 3641, 7827
BACTEROIDES INFECTIONS: 2621, 8219
BACTEROIDES MELANINOGENICUS: 5370
BALNEOLOGY: 5074
BANDAGES: 593, 1101, 1222, 2251, 2266, 2345, 2780, 3034, 3928, 4596, 4601, 4662, 5539, 6176, 6363, 6539, 6546, 6561, 7865, 8115, 8256, 9275
BARBITAL: 4425, 9211
BARBITURATES: 1132, 1999, 3710, 4425, 4619, 5257, 9486
BARIUM: 1994–1995, 2502, 3575, 3890, 4016, 7092, 7444
BARIUM SULFATE: 1995, 4451, 9585
BARLEY: 1245, 2322
BARTTER'S DISEASE: 3580, 5280, 5695, 10350
BASE SEQUENCE: 1965–1966, 5805, 7593
BASEMENT MEMBRANE: 984, 1463, 1810, 2558, 2792, 3178, 3957, 4313, 5158, 6102, 7460, 7539, 7729, 7736, 7803, 8168, 8173, 8523, 9009, 9208, 9732, 10332
BASILAR ARTERY: 1231, 4509, 6484, 6903, 7462, 7887
BASOPHILS: 719, 1146, 1828, 2312–2314, 2616, 2794–2795, 2797–2798, 2807, 3791, 3793, 4263, 5440, 6429, 6625, 6877, 8324, 8704, 9209, 9626, 10394
BATHS: 112, 405, 2666, 6068, 6875, 8302, 8334
BATTERED CHILD SYNDROME: 9320
BAYES THEOREM: 5607
BCG: 2436, 3831, 5255, 6688, 7331, 8625, 9048, 10045
BCG VACCINE: 5694
BDELLOVIBRIO: 3816
BEARS: 1160
BECLOMETHASONE: 4070
BED REST: 6348, 7049
BEHAVIOR: 568, 7221, 8269
BEHAVIOR, ANIMAL: 4136, 4246, 6216, 9260

BEHCET'S SYNDROME: 4210, 4563, 8757, 9012
BENCE JONES PROTEIN: 128, 5691, 10229–10230
BENCYCLANE: 647, 2994, 3810, 4209, 7305, 8845
BENDROFLUMETHIAZIDE: 6626–6627
BENZALBUTYRIC ACID: 2054
BENZAMIDES: 536, 1164, 4877, 9019, 9282
BENZAMIDINES: 940, 2482, 5375, 5881, 6690, 7954, 8189, 8636, 8873, 8901, 9085, 9315, 9765, 10198, 10276
BENZANTHRACENES: 2619, 5403, 8287
BENZBROMARONE: 8892
BENZENE DERIVATIVES: 688, 2543, 3597, 7027, 9282
BENZENE HEXACHLORIDE: 4310, 4547, 10210
BENZENESULFONATES: 779, 1487, 4775, 5894, 9536, 9606
BENZIDINES: 7163
BENZIMIDAZOLES: 4209, 5377
BENZOATES: 1015, 1230, 1539, 1705, 2806, 3815, 4028, 4883
BENZODIAZEPINE TRANQUILIZERS: 2260, 7606
BENZODIAZEPINES: 1220
BENZOFURANS: 4287
BENZOPHENONES: 9766
BENZOPYRANS: 101, 2390, 4263, 7202, 7206, 7210
BENZOPYRENE HYDROXYLASE: 96, 4502
BENZOPYRENES: 4145, 4358, 4502, 9194
BENZOXAZOLES: 3026, 8436
BENZOYLARGININE NITROANILIDE: 682, 1605, 2149, 2449, 3022, 4889, 7051, 9085, 9296, 10224
BENZPHETAMINE: 9194
BENZYDAMINE: 892, 4827, 6270
BENZYL ALCOHOLS: 363, 3330, 9396
BENZYL COMPOUNDS: 363, 696, 6137, 6872, 7609, 9300, 9396
BENZYLAMINE OXIDASE: 1266
BENZYLAMINES: 2218, 5921, 6449, 6451
BENZYLIDENE COMPOUNDS: 1528, 3357, 6357
BERBERINE: 2461
BERRIES: 6349
BERRY ANEURYSM: 5458
BETA-CYCLOPIAZONATE OXIDOCYCLASE: 4638
BETA GLOBULINS: 369, 1988, 4081, 5352, 5411, 5611, 7140, 7744, 9223, 10358
BETA 2 MICROGLOBULIN: 2925, 4081, 7140, 9878
BETAHISTINE: 8894
BETAMETHASONE: 906, 3530
BETHANECHOL COMPOUNDS: 5204
BICARBONATES: 298, 1150, 1195, 1360, 1517, 2165, 2817, 3319, 3682, 3699, 3908, 4393, 4898, 4908, 5471, 6105, 6189, 7125, 7274, 7640, 8466, 9108, 9137, 9387, 9470–9471
BIGUANIDES: 7234
BILE: 139, 2477, 3364, 3618, 4144, 4537, 4604, 4998, 5137, 5471, 5577, 6533, 6933, 7355, 7968, 8603, 9707, 9836, 10242
BILE ACIDS AND SALTS: 1099, 3619, 3932–3933, 5699, 6089, 6379, 6840, 6843, 7193, 9800, 9836, 10379
BILE DUCT NEOPLASMS: 1102, 10340
BILE DUCTS: 3364, 4121, 5316, 5699, 7193, 7968, 8055, 9047
BILIARY DYSKINESIA: 3364
BILIARY FISTULA: 5529, 6178, 8876
BILIARY TRACT: 5789, 7967
BILIARY TRACT DISEASES: 310, 3319, 5397, 7088, 7472, 7770, 7816, 7967–7968, 8834, 9047, 9365, 10242
BILIRUBIN: 161, 399, 774, 939, 1087, 1811, 4618, 5198, 5389, 5441, 6533, 6829, 6913, 7138, 7193, 7347, 7770, 8043, 8052, 8064, 8549, 8646, 8834, 9563, 9699, 9800
BINDING, COMPETITIVE: 356, 446, 508, 696, 1048, 1373, 1416, 1618, 2483, 2951, 3256, 3634, 3636, 4141, 4370–4371, 4404, 4762, 5103, 5122, 5306, 5500, 5842, 5881, 5933, 6175, 6243, 6468, 6990, 7455, 7607, 7765, 7772, 8022, 8539, 8817, 8907, 8915, 9486, 9783, 9807, 10165, 10272
BINDING SITES: 54, 97, 211, 214, 303, 338–339, 410, 412, 429, 446–447, 450, 495, 508, 535, 612, 624, 690, 704, 728, 738, 859, 863, 867, 923, 940, 972, 1033, 1123, 1128, 1188, 1193, 1322, 1336, 1351, 1444, 1449, 1495, 1508, 1510, 1549, 1564, 1566, 1571, 1584, 1613, 1643, 1652, 1681, 1705, 1792, 1824–1826, 1889, 1938–1939, 1957, 1975, 2068, 2126, 2144, 2221, 2224, 2245, 2375, 2393–2394, 2447, 2460, 2482–2483, 2488, 2573, 2581, 2610, 2613, 2651, 2668, 2677, 2757, 2786, 2846, 2854, 2951, 2967, 3003, 3025, 3046, 3071, 3206, 3224, 3257, 3276–3277, 3340, 3365, 3381, 3440, 3515, 3522, 3532, 3548, 3570, 3597, 3616, 3634, 3663, 3683, 3711, 3844, 3864, 3879, 3919, 3944, 3967, 4024–4025, 4108, 4112, 4114, 4122, 4124, 4141, 4160, 4198, 4245, 4252, 4261, 4264–4265, 4288, 4352, 4359, 4386, 4394, 4406, 4412, 4432, 4441, 4485, 4508, 4539, 4562, 4589, 4638–4639, 4659, 4696, 4760, 4762, 4771, 4861–4862, 4884, 4924, 4941, 4972, 4978, 4982, 4988, 5087, 5203, 5439, 5500, 5526, 5554, 5591, 5617, 5716, 5759, 5793, 5805, 5887, 5891–5892, 5924, 5933, 5999, 6058, 6063–6064, 6078, 6137, 6258, 6320, 6335, 6369, 6463, 6512, 6569–6570, 6587, 6601, 6674, 6717, 6763, 6782, 6793, 6814, 6841–6842, 6893, 6921, 6935, 7031, 7047, 7051, 7130, 7159, 7162, 7167, 7214, 7362, 7370, 7431–7432, 7452, 7465, 7474, 7477, 7517, 7524, 7607, 7626, 7638, 7656, 7670, 7703, 7705, 7760–7761, 7801, 7856, 7888, 7896, 7918, 7954, 8004, 8023, 8033, 8110, 8181, 8194–8195, 8236, 8270, 8379, 8389–8390, 8400, 8402, 8417, 8435, 8486, 8577, 8580, 8589, 8599, 8607, 8619, 8668, 8745, 8761, 8768, 8808, 8820, 8873, 8900, 8903, 8908, 8940, 8970, 9028–9029, 9031, 9230, 9306, 9340, 9381, 9402, 9417, 9459, 9485, 9505, 9514, 9554, 9560, 9582, 9633, 9743, 9759, 9821, 9916, 9930, 9953, 9960, 9966, 9997, 10005, 10037, 10055, 10057, 10067, 10069, 10079, 10103, 10118, 10125–10126, 10145, 10154, 10165, 10214, 10272, 10280
BINDING SITES, ANTIBODY: 511, 1077, 1311, 1373, 1394, 1464, 1608, 1610, 2464, 2751, 2924–2925, 3002, 3081, 3256, 3579, 4089, 4259, 4587, 4610, 5543, 5560, 5672, 5842, 6043, 6498, 6571, 7163, 7289, 7314, 7360–7361, 7395, 7765, 8451, 8484, 8552, 8708, 9087, 9425, 9807, 9878, 9956, 10045, 10343
BIOCHEMISTRY: 3879, 5177, 6831
BIOCOMPATIBLE MATERIALS: 947, 1209–1210, 1393, 2577, 4876, 5015, 5138, 5682, 6520, 6710, 6735–6736, 7103, 7368, 7417, 7601, 8026, 9419, 9977, 10056
BIODEGRADATION: 468, 7020, 9517
BIOFLAVONOIDS: 1877, 3888, 7090, 8315, 9095
BIOGENESIS: 5644
BIOGENIC AMINES: 2587, 4091, 5344, 5576, 5989–5990, 6281, 8365, 8823
BIOLOGIC AVAILABILITY: 157, 1078, 3331
BIOLOGICAL ASSAY: 422, 1206, 1277–1278, 1424, 1435, 1706, 2214, 2293, 2325, 2772, 3023, 3092, 3098, 3223, 3232, 3472, 4009, 4488, 4722, 5013, 5122, 5388, 5420, 5423–5425, 5456, 5494, 5998, 6296, 6435, 6649, 6781, 7083, 7229, 7723, 8282, 8296, 8701, 8883, 9053, 9531, 10077, 10285
BIOLOGICAL PRODUCTS: 5751, 8618, 10393
BIOLOGICAL TRANSPORT: 246, 799, 873, 917, 1818, 1941, 3068, 3169–3170, 3270, 4245, 4343, 4370, 4736, 4837, 5158, 5263, 5299, 5355, 5437, 5522, 5667, 6299, 6567, 6655, 6822, 7267, 7455, 7490, 7550–7551, 7790, 7888, 8250, 8510, 8907, 8970, 9407, 10038
BIOLOGICAL TRANSPORT, ACTIVE: 814, 872, 1065, 1108, 1276, 1285, 1595, 1875, 1915, 1941, 2002, 2643, 5603, 5710, 5732, 5874, 7031, 7325, 7830, 8730, 10379
BIOMECHANICS: 685, 2563, 2874, 3770, 8228, 8957
BIOMEDICAL ENGINEERING: 6077, 7602, 8127
BIOMETRY: 943, 2350, 5728, 8630, 9840
BIONICS: 7141
BIOPHARMACEUTICS: 3027, 4096, 5399, 9181
BIOPHYSICS: 5663
BIOPOLYMERS: 3414
BIOPSY: 504, 1087, 1253, 1360, 1467, 2091, 2589, 3702, 4895, 5463, 5855, 6315, 6527, 6874, 7122–7123, 8030, 8049, 9494, 9722, 9740, 10056, 10065, 10228
BIOPSY, NEEDLE: 740, 2289, 4944, 4971, 5277, 5363, 7534, 8103, 8263, 8788
BIOTIN: 2048, 2811, 8971, 10057
BIOTRANSFORMATION: 34, 468, 1065, 1132, 1306, 2143, 4281, 4837, 5196, 6947, 7011, 7269–7271, 8305, 9404
BIPHENYL COMPOUNDS: 7521, 7717, 7802
BIRD DISEASES: 5415
BIRDS: 484, 9744
BIREFRINGENCE: 2465, 3863, 4661
BIRTH INJURIES: 3349, 7466, 8064, 8657, 9071
BIRTH WEIGHT: 177, 1488, 7041, 8064, 9699
BISHYDROXYCOUMARIN: 146, 352, 365, 390, 841, 1145, 1480, 2121, 2363, 2403, 3699, 4254, 4537, 4837, 4872, 4894, 4913, 5144, 5293, 5399, 5625, 5957, 6994, 7190, 7733, 8421, 8735, 9485, 10097
BISMUTH: 2515
BITES AND STINGS: 2621, 9320
BITES, HUMAN: 9320
BIURET REACTION: 8972
BK VIRUS: 5965
BLADDER: 981, 1057, 1414, 2215, 4118, 5343, 5673, 7132, 8687, 8780, 8870, 9553, 9722, 10337
BLADDER DISEASES: 170, 870, 2433, 2654, 7674, 8870, 9123
BLADDER FISTULA: 4832, 9475
BLADDER NECK OBSTRUCTION: 4608, 9933
BLADDER NEOPLASMS: 1057, 1414, 4158, 4769, 6007, 6519, 6984, 7384, 7709, 10100, 10241
BLADDER, NEUROGENIC: 1091, 2450, 3540
BLASTOCYST: 7140, 7970
BLASTODERM: 7970
BLEOMYCIN: 455, 1300–1301, 3890, 4780, 6055
BLEPHAROPTOSIS: 1822
BLINDNESS: 1763, 1837, 2986, 5748, 6436, 7487, 7766, 7776
BLOOD: 72, 111, 261, 428, 590, 822, 1078, 1137, 1209–1210, 1325, 1380, 1991, 2113, 2141, 2282, 2336, 2552, 2987, 3027, 3306, 3366, 3410, 3426, 3517, 3682, 3831, 3962, 4600, 4818, 4844, 4876, 4920, 4940, 5108, 5164, 5215, 5310, 5351, 5381, 5502, 5542, 6028, 6097, 6299, 6354, 6472, 6515, 6597, 6605, 6659, 6701, 6779, 6820, 6873, 7267, 7415, 7461, 7647, 7708,

7878, 8057–8058, 8292, 8397, 8962–8963, 9121, 9176–9177, 9224, 9669, 9891, 10245, 10253
BLOOD BACTERICIDAL ACTIVITY: 196, 280, 2209, 2966, 5677, 6763, 7969, 8710, 8817, 9120, 9305
BLOOD BANKS: 911, 1227, 1229, 1279, 2642, 2832, 3348, 3483–3484, 3747, 4948, 5847, 7085, 7366, 8586, 8996, 9135, 10390
BLOOD-BRAIN BARRIER: 3867, 5787
BLOOD CELL COUNT: 3, 16, 48, 75–76, 93–94, 242, 247, 274, 278, 290, 331, 337, 360, 384, 398, 440, 503, 526, 543, 584, 672, 674, 709, 743, 771, 798, 888, 985, 989–990, 994, 1178, 1197, 1199, 1221, 1240, 1267, 1291, 1295, 1320, 1339, 1352, 1365, 1390, 1453, 1468, 1607, 1686, 1729, 1754, 1766, 1821, 1840–1841, 1854, 1860, 1897, 1901, 2039, 2167, 2190, 2192, 2217, 2231, 2234, 2333, 2349, 2507, 2527, 2597, 2774, 2787, 2835, 2958, 3059, 3102, 3124, 3144, 3149, 3179, 3186, 3220, 3263, 3284, 3297, 3327, 3399, 3483, 3539, 3676, 3702, 3744, 3764, 3781, 3894, 3901, 3903, 3942, 3996–3998, 4019, 4036, 4058, 4147, 4150, 4185, 4208, 4218, 4222–4223, 4331, 4360, 4362, 4478, 4505, 4525, 4540, 4612, 4707, 4746, 4776, 4790, 4867, 4875–4876, 4960, 4963, 5005, 5007, 5099–5102, 5169, 5185, 5459, 5566, 5592, 5683–5685, 5688, 5754–5755, 5775, 5784, 5801, 5836, 5908, 5936, 5996, 6051, 6054, 6212, 6319, 6399, 6409, 6448, 6475, 6583, 6612, 6634, 6733–6734, 6736, 6747, 6769–6771, 6854, 6856, 6996, 7021, 7023, 7134–7135, 7264, 7306, 7320, 7326, 7347, 7381, 7427, 7445, 7448, 7461, 7489, 7696, 7730, 7837, 7839, 7884, 7930, 7986, 7989, 8028, 8047–8048, 8052–8053, 8073, 8077–8078, 8092, 8135, 8155, 8162, 8258, 8284, 8286, 8292, 8306, 8344, 8487, 8496, 8517, 8563, 8585–8587, 8590, 8594, 8623, 8646, 8704–8705, 8770, 8825, 8835, 8861, 8869, 8887, 8905, 8933, 8960, 8976, 9092, 9096, 9131, 9265, 9304, 9400, 9415, 9457, 9533, 9580, 9615, 9625, 9684, 9698, 9721, 9749, 9805, 9863, 9868, 9895, 9907, 9964, 10004, 10007, 10026–10027, 10060, 10087, 10112, 10128, 10151, 10223
BLOOD CELLS: 653, 875, 1023, 1131, 1226, 1525, 1756, 1788, 3087, 3292, 3578, 3901, 4290, 4519, 4637, 5106, 5869, 5898, 6173, 6710, 6735, 7366, 7427, 7804, 8402, 8649, 8976, 9396, 9615, 9644, 9669, 9774, 9851
BLOOD CHEMICAL ANALYSIS: 1334, 1525, 2423, 3783, 5132, 5416, 7187, 7708, 8073, 9437, 10237
BLOOD CIRCULATION: 456, 529, 1399, 1572, 1742, 2423, 2563, 2722, 3445, 3512, 3520, 3817, 4203, 5276, 5364, 5564, 5821, 6158, 6348, 6354, 6564, 6714, 6794, 7478, 7549, 8018, 8125, 8662, 9172, 9885
BLOOD COAGULATION: 23, 26, 35, 39, 48, 69, 88, 108, 133, 143, 155, 178–179, 198, 201, 213, 225, 228, 230, 232, 249–250, 257, 267, 342–344, 355, 357, 408, 473, 480, 484, 521, 533, 542, 556, 589, 591, 610, 617, 627, 641, 665, 708, 726, 734, 743, 753, 758, 775, 806, 809, 832, 836, 849, 878, 887, 902, 904, 947, 951, 956, 991–992, 994, 1047, 1067, 1086, 1113, 1134, 1139, 1142, 1144, 1168, 1174, 1209–1210, 1238, 1240, 1260, 1276, 1282, 1307, 1335, 1339, 1387, 1395, 1407, 1432, 1437, 1460, 1468, 1470, 1502, 1525, 1527, 1535, 1537, 1554, 1558, 1585, 1590, 1667, 1672, 1687, 1711, 1713, 1737, 1739–1740, 1784, 1821, 1841, 1858, 1928, 1944–1945, 1970, 1988, 1993, 2007, 2023, 2037, 2040, 2066, 2070, 2082–2083, 2136, 2143, 2154, 2174, 2176, 2210–2211, 2222, 2265, 2277–2279, 2306, 2312, 2409, 2413, 2423, 2435, 2463, 2501, 2503, 2507, 2511, 2550, 2584, 2596, 2614, 2616, 2708, 2711, 2743, 2794, 2798, 2818–2819, 2861, 2871–2872, 2879–2881, 2883, 2887, 2891–2892, 2913, 2948, 2976, 2979, 2994, 2997, 2999, 3012, 3040, 3048, 3087, 3128, 3130, 3132, 3139, 3141, 3146, 3153, 3155, 3157–3158, 3173, 3179, 3189, 3192, 3199–3200, 3229, 3233, 3236, 3242, 3247, 3278–3280, 3292, 3311, 3327, 3356, 3391, 3409–3410, 3415, 3423, 3431–3432, 3448, 3459, 3481, 3526, 3531–3532, 3555–3556, 3623, 3673, 3698, 3710, 3719, 3732, 3742, 3785, 3817, 3860–3861, 3875, 3920, 3927, 3968, 4012, 4098, 4128, 4150, 4190, 4192–4193, 4197, 4202–4203, 4218, 4221, 4236, 4255, 4258, 4281–4282, 4299, 4323, 4338, 4344, 4346, 4372, 4431, 4466, 4468, 4470, 4492, 4495–4496, 4503–4504, 4529, 4540, 4547, 4572–4573, 4607–4608, 4641, 4685, 4693, 4704, 4719–4720, 4724, 4726, 4742, 4782, 4789, 4797, 4800, 4812, 4858, 4870, 4876, 4886, 4909, 4923, 4930, 4932, 4937, 4948, 4960, 4979, 5033, 5041, 5046–5047, 5052, 5064, 5074, 5106–5107, 5109, 5111–5112, 5138, 5155, 5169, 5221, 5237, 5260, 5289, 5357, 5395, 5414, 5418, 5434–5435, 5479, 5489, 5501, 5504–5505, 5509, 5511–5512, 5514, 5535, 5564, 5566, 5569, 5576, 5594, 5625–5626, 5708, 5715, 5767, 5772, 5794, 5818, 5835, 5843–5845, 5877, 5907, 5938, 5953, 5967, 5983, 5987, 6006, 6048, 6054, 6067, 6072–6073, 6094, 6097, 6125, 6173, 6188, 6197, 6199, 6206, 6208–6209, 6211, 6221, 6223, 6232, 6268, 6317, 6334, 6336, 6339, 6342, 6389, 6412, 6429, 6459, 6465, 6474, 6494, 6500, 6511, 6523, 6535, 6543, 6559, 6568, 6580, 6590, 6597–6598, 6600, 6605, 6630, 6634, 6642, 6663, 6689, 6701, 6714, 6734, 6736, 6747, 6767, 6802, 6816, 6880, 6930, 6967, 6970, 6987, 6997–6998, 7004, 7035–7037, 7043, 7056, 7059, 7061, 7065, 7086, 7096, 7141, 7156, 7218, 7222, 7234, 7249, 7264, 7296–7297, 7305, 7315, 7326, 7334, 7360, 7381, 7385, 7398, 7417, 7442, 7464, 7478, 7486, 7489, 7496, 7498, 7540, 7571–7572, 7575, 7580, 7628, 7652, 7667, 7675, 7712, 7714, 7730, 7735, 7786, 7804, 7807, 7813–7814, 7835, 7845, 7852–7853, 7900, 7904, 7910, 7921, 7923, 7927, 7950, 7959, 7967–7968, 7980, 7989, 7995, 8010, 8021, 8025, 8034, 8039, 8066, 8069, 8073, 8081, 8090, 8092–8093, 8178, 8206, 8209, 8222, 8273, 8302, 8310, 8344, 8346, 8361, 8385–8386, 8409–8410, 8412–8413, 8463–8464, 8469, 8477–8478, 8491, 8517, 8527, 8545, 8551, 8560–8562, 8570, 8578, 8593, 8600, 8648, 8655–8656, 8659, 8678, 8732, 8739, 8757, 8794, 8824, 8868, 8880, 8901, 8955, 8969, 8978–8981, 9009, 9023, 9045–9046, 9059–9060, 9090, 9092, 9096, 9098, 9148, 9165, 9182, 9185, 9192, 9212, 9224, 9226, 9235, 9247, 9251, 9297, 9302, 9309, 9330, 9337, 9339, 9350, 9356, 9359, 9363, 9373, 9378, 9386, 9396, 9408–9409, 9426, 9445, 9465, 9539–9540, 9543, 9559, 9578, 9613–9614, 9629, 9636–9637, 9639, 9682, 9718, 9727, 9757, 9761, 9797, 9821, 9838, 9907, 9924, 9973–9974, 9977, 10023, 10066, 10070, 10090, 10094, 10136, 10150, 10180, 10189–10190, 10202, 10223, 10233, 10251, 10270, 10286, 10306, 10321, 10355, 10358
BLOOD COAGULATION DISORDERS: 78, 114, 164, 236, 254, 460, 473, 560, 602, 607, 609, 626, 669, 672, 674, 700, 708, 717, 742, 744, 870, 908, 915, 972, 991, 1005, 1022, 1038, 1103, 1115, 1117, 1134, 1175, 1237, 1240, 1305, 1363, 1370, 1430, 1541, 1628, 1632, 1641, 1707, 1712, 1732, 1739, 1794, 1846, 1862, 1868, 1871, 1944, 1950, 1972, 2003, 2012, 2029, 2074, 2114, 2175, 2190, 2206, 2210, 2212, 2356–2357, 2395, 2400, 2403, 2432, 2435, 2506, 2512, 2520, 2575, 2607, 2609, 2652, 2662, 2664, 2721, 2752, 2838, 2905, 2940, 2946, 3031, 3135, 3139, 3142, 3155, 3161, 3186, 3214, 3234, 3315, 3369, 3469, 3503–3505, 3509, 3516, 3652, 3691–3692, 3756, 3869, 3873, 4004, 4020, 4032, 4069, 4072, 4200, 4216, 4244, 4323, 4350, 4411, 4445, 4469, 4479, 4592–4593, 4606, 4642, 4645, 4679, 4681, 4744, 4770, 4772, 4797, 4800, 4808, 4838, 4856, 4879, 4931, 4965–4966, 4976, 4990, 5060, 5068, 5080, 5182, 5206, 5212, 5216–5217, 5253, 5282–5283, 5318, 5356, 5373, 5395, 5418, 5495, 5505, 5510, 5530, 5557, 5565, 5594, 5610, 5735, 5741, 5746, 5762, 5823–5824, 5866, 5885, 5955, 5957, 5982, 6009, 6011, 6046, 6064, 6096–6097, 6154, 6192, 6220, 6319, 6388–6389, 6413, 6417, 6448, 6496, 6529, 6556, 6562, 6609, 6634, 6714, 6839, 6874, 6917, 6940, 6957, 6960, 6978, 7005, 7034, 7044, 7056, 7058, 7063, 7084, 7141, 7151, 7171, 7199, 7295, 7326, 7337, 7366, 7439, 7441, 7449, 7506, 7511, 7529, 7556, 7579, 7586, 7591, 7605, 7618, 7706, 7741, 7839, 7845, 7901, 7913, 7972, 7990, 8122, 8175, 8183–8184, 8223–8224, 8245–8246, 8273, 8396, 8506, 8533, 8551, 8600, 8656, 8674, 8727, 8739, 8846, 8982, 8994, 9007, 9016, 9063, 9100, 9203, 9245, 9314, 9325, 9330, 9335, 9590, 9613–9614, 9639, 9662, 9692–9693, 9720, 9757, 9810, 9815, 9834, 9872, 9901, 9943, 9972, 9978, 10044, 10228, 10254, 10260, 10289, 10343, 10381
BLOOD COAGULATION FACTORS: 69, 134, 178–179, 197, 225, 310, 319, 425, 440, 477, 480, 543, 545, 669, 674, 715, 719, 771, 792, 822, 826, 926, 987, 992, 1066, 1136, 1174, 1249, 1267, 1339, 1552, 1656, 1729, 1732, 1735, 1755, 1852, 1918, 1952, 1959, 1969, 1988, 1994–1995, 2057, 2070–2071, 2074, 2104, 2106–2107, 2190, 2242, 2501, 2503–2504, 2507–2508, 2546, 2585, 2616, 2663–2664, 2808, 2861, 2884, 2898, 2992, 3039, 3042, 3087, 3102, 3151, 3158, 3242, 3315, 3336, 3339, 3347, 3432, 3505, 3535, 3554, 3624, 3691, 3791, 3793, 3804, 3817, 3891, 3950, 3973, 4012, 4061, 4069, 4084, 4196, 4304, 4316, 4350, 4524, 4592–4594, 4744, 4781, 5012, 5110–5111, 5164, 5173, 5217, 5259, 5282, 5361, 5391, 5418, 5441, 5505, 5569, 5728, 5824, 5950, 5967, 6074, 6191, 6193–6194, 6210, 6313, 6317, 6319, 6332, 6370, 6401, 6412, 6481, 6548, 6601, 6610, 6630, 6643, 6663, 6714, 6748, 6805, 6828, 6850, 6915, 6952, 6957, 6976, 7043, 7058, 7162, 7193, 7225, 7236, 7315, 7392, 7397, 7420, 7472, 7561, 7714, 7770, 7853, 7864, 7884, 7912, 7919, 7922, 7924, 8017, 8048, 8177, 8183, 8517, 8533, 8559, 8642, 8651–8654, 8656, 8816, 8934, 8990, 8997, 9022, 9059, 9253, 9314, 9368, 9460, 9513, 9590, 9614, 9873, 9900, 10024–10025, 10204, 10281, 10361
BLOOD COAGULATION TESTS: 21, 45, 48, 87, 134, 148–149, 155, 164, 218–219, 226, 231, 243, 250–251, 296, 309, 342, 384, 408, 430, 472, 475–478, 513, 541, 545, 553, 560, 619, 626, 629, 641, 651, 653, 665, 677, 759, 771, 826, 837, 848, 888, 904, 908, 935, 939, 1005, 1046, 1086–1087, 1116–1117, 1135, 1169, 1179, 1185, 1214, 1240, 1345, 1352–1353, 1398, 1488, 1585, 1653, 1656, 1665, 1672, 1712–1714, 1739, 1784, 1786, 1871, 1901, 1917, 1950, 1952, 1988, 2007, 2024, 2026, 2103, 2107, 2279, 2288, 2297, 2407, 2435, 2503, 2506, 2512, 2534–2535, 2540, 2569, 2585, 2607, 2612, 2615, 2680–2681, 2684, 2692, 2704, 2716, 2748, 2818, 2838, 2878, 2881, 2887, 2916, 2934–2935, 2937, 2941, 2946, 2948, 3059, 3133, 3139, 3141–3143, 3155, 3173, 3180, 3186, 3192, 3229, 3241, 3243–3244, 3247, 3312, 3315, 3362, 3369, 3397, 3475, 3491, 3513–3514, 3557, 3595, 3624, 3649, 3675, 3691–3693, 3703, 3705, 3716, 3744, 3754, 3758, 3774, 3791,

3862, 3867, 3882, 3895, 4073, 4089, 4192, 4200, 4255, 4320, 4332, 4372, 4443, 4447, 4458, 4479, 4505, 4524, 4532, 4549, 4618, 4641, 4681, 4693, 4746, 4798, 4820, 4838, 4867, 4913, 4930, 4979, 4994, 5020, 5039, 5046, 5048, 5107, 5114, 5164, 5182, 5184, 5186, 5200, 5210, 5330, 5360, 5378, 5386, 5416, 5432, 5462, 5494, 5513, 5530, 5533, 5556–5557, 5566, 5576, 5578, 5597, 5611, 5638–5639, 5708, 5741, 5762, 5768, 5790, 5818, 5823, 5825, 5831, 5835, 5843, 5855, 5858, 5866, 5940, 5948, 5982, 5994, 6009, 6067, 6073, 6097, 6147, 6193, 6195, 6212, 6409, 6448, 6465, 6474, 6491–6492, 6529, 6556, 6558, 6579, 6590, 6699–6700, 6717, 6820, 6850, 6920, 6952–6953, 6957, 6969–6970, 7036, 7084, 7086, 7104, 7146, 7151, 7166, 7295, 7305, 7317, 7336, 7376, 7398, 7433, 7461, 7511, 7529, 7540, 7565, 7572, 7579–7581, 7691, 7712, 7715, 7735, 7814, 7838–7839, 7903, 7924, 7951, 7980, 8017, 8034, 8048, 8077, 8106, 8142, 8172, 8223, 8273–8274, 8312, 8361, 8440, 8585, 8646, 8651, 8678, 8726, 8739, 8767, 8792, 8812, 8818, 8825, 8827, 8834, 8848, 8954, 8961–8962, 8978–8979, 8994, 9059, 9092, 9096, 9100, 9130, 9196, 9198, 9244–9245, 9312, 9336–9337, 9373, 9410–9411, 9484, 9512, 9543, 9592, 9628, 9637, 9662, 9664–9666, 9682, 9694, 9757, 9784, 9831, 9869, 9872, 9879, 9918, 9957, 9968, 10024–10025, 10044, 10098, 10136, 10138, 10149, 10160, 10163, 10183, 10220, 10237, 10313, 10318, 10346, 10358, 10360

BLOOD DONORS: 89, 93, 686, 744, 1059, 1436, 1673, 2031, 2185, 2241, 2299, 2642, 3167, 3230, 3392, 4037, 4330, 5847, 6122, 6212, 6733, 7085, 7252, 7446, 7471, 8224, 8649, 9201, 9754, 9888

BLOOD FLOW VELOCITY: 80, 313, 395, 463, 533, 757, 977, 1209, 1308, 1343, 1762, 1788, 2108, 2159, 2849, 2874, 3517, 3770, 3817, 4052, 4186, 4269, 4519, 4856, 5276, 5736, 6162, 6444, 7343, 7447, 7671, 7677, 7824, 7878, 8125–8126, 8308, 8957, 9547, 9733, 10287

BLOOD GAS ANALYSIS: 670, 985, 1190, 1716, 2301, 3651, 4166, 5164, 5491, 5609, 5679, 7336, 7483, 7696, 7763, 8213, 8956, 10237

BLOOD GROUP INCOMPATIBILITY: 678, 1324, 3214, 3499, 3761, 3786, 4312, 4452, 5224, 5587, 6268, 9511, 9607

BLOOD GROUPS: 1111, 1324, 1752, 1892, 2751, 2933, 3870, 3902, 4089, 4272, 4418, 4713, 4745, 5968, 6037, 6132, 6524, 7911, 8332, 9199, 10347

BLOOD PLATELET DISORDERS: 48, 94, 114, 116, 216, 279, 360, 472, 647, 784, 826, 964, 1082, 1363, 1569, 2009, 2029, 2046, 2569, 2992, 3200, 3238, 3334, 3367, 3803, 4023, 4069, 4131, 4193, 4244, 4317, 4411, 4602, 4765, 4804, 5202, 5259, 5283, 5373, 5557, 5687, 5817, 6135, 6145, 6583, 6824, 6968, 7015, 7062, 7170, 7199, 7256, 7306, 7388, 7942, 7976, 8051, 8251, 8344, 8566, 8627, 8715, 8762, 9199, 10026, 10196

BLOOD PLATELETS

BLOOD PRESERVATION: 57, 70–74, 94, 141, 207, 244, 280, 468–469, 526, 545, 564, 590, 606, 613, 686, 712, 786, 864–865, 1078, 1151, 1184, 1227, 1229, 1232, 1267, 1279, 1324, 1334, 1368, 1514–1515, 1580, 1630, 1746–1747, 1801, 1845, 1867, 1921, 1925, 1930, 1977–1985, 1996, 2031, 2185, 2241, 2303, 2341, 2384, 2476, 2568, 2586, 2623, 2671, 2784, 2791, 2822–2823, 2837, 2958, 2969, 3005, 3128, 3159, 3167, 3176, 3193, 3230, 3235, 3285, 3399, 3417, 3465, 3483–3484, 3499, 3531, 3533, 3578, 3639, 3667, 3682, 3740–3741, 3786, 3814, 3949, 4014, 4033, 4041, 4063, 4102, 4242, 4266, 4318, 4534, 4656, 4671, 4686–4687, 4729, 4790, 4818, 4855, 4865, 4948, 4964, 5029, 5037, 5108, 5132, 5290, 5365, 5381–5383, 5456, 5490, 5639, 5645, 5670, 5677, 5679, 5681, 5740, 5777, 5791, 5794, 5801, 5849, 5925, 6038, 6042, 6071, 6075, 6105–6108, 6123, 6132, 6174, 6180, 6205, 6214, 6288–6290, 6297, 6371, 6472, 6552, 6723, 6754, 6772–6774, 6821, 6836, 6918–6919, 7034, 7045, 7055, 7085, 7111, 7150, 7187, 7229, 7366, 7378, 7416, 7468, 7471, 7512, 7583, 7624, 7696, 7738, 7833, 7850, 7873, 7997–7998, 8072, 8077, 8079–8080, 8213, 8257, 8289–8290, 8311, 8332, 8392, 8411, 8423, 8438, 8471–8472, 8497, 8502, 8510–8511, 8542, 8567, 8585–8587, 8592, 8694–8695, 8711, 8717, 8737, 8942, 8962, 8996, 9042, 9131, 9135, 9146, 9170, 9317, 9329, 9418, 9457, 9478–9479, 9501, 9555, 9584, 9643–9644, 9652, 9808, 9816, 9932, 10007, 10009, 10285, 10292, 10347, 10389–10390

BLOOD PRESSURE: 14, 106, 185, 529, 597, 672, 693, 871, 902, 969, 1003, 1010, 1399, 1409, 1885, 1907, 1954, 2005, 2109, 2292, 2342, 2350, 2385, 2439, 2692, 2718, 2722, 2821, 2835, 2873, 2969, 3128, 3550, 3552, 3766, 3779, 4064, 4118, 4150, 4167, 4269, 4360, 4368, 4473, 4590, 4730, 4992, 5164, 5190, 5270, 5280, 5309, 5313, 5328, 5344, 5404, 5509, 5664, 5713, 5742, 5762, 5781, 5808–5809, 6114, 6140, 6162, 6240, 6279, 6296, 6475, 6492, 6564, 6596, 6627, 6647, 6676–6677, 6743, 6802, 6962, 7083, 7213, 7235, 7246, 7394, 7415, 7445, 7493, 7540, 7730, 7763, 7787, 7874, 7902, 7916, 8445, 8496, 8683, 8798, 8853, 8879, 9027, 9172, 9270, 9399, 9403, 9419, 9442, 9452, 9533, 9547, 9593, 9595–9597, 9840, 9866, 10049, 10174, 10275

BLOOD PRESSURE DETERMINATION: 1727, 1820, 4550, 7567

BLOOD PROTEIN DISORDERS: 466, 1692, 2604, 4132, 4411, 5557, 5876, 7199, 9199

BLOOD PROTEIN ELECTROPHORESIS: 269, 1184, 1262, 1507, 1917, 1994, 2200, 2968, 3547, 4751, 4794, 5493, 5497, 6302, 6393, 7031, 7170, 7212, 8288, 8332, 8674, 8725, 9370, 9537

BLOOD PROTEINS: 58–59, 159, 205, 369, 384, 414, 417, 592, 596, 674, 683, 787, 842, 877, 947, 983, 998, 1020, 1087, 1209, 1241, 1455, 1503, 1577, 1708, 1788, 1823, 2057, 2143, 2176, 2179, 2190, 2209, 2267, 2305–2306, 2445, 2468, 2491, 2517, 2589, 2595, 2706, 2913, 2953, 3096, 3120, 3182, 3220, 3228, 3245, 3304, 3439, 3547, 3554, 3681, 3684, 3779, 4073, 4075, 4097, 4225, 4606–4607, 4699, 4716, 4745, 4797, 4866, 5138, 5147, 5158–5159, 5244, 5307, 5351, 5355, 5399, 5410, 5412, 5428, 5435, 5532, 5548, 5570, 5608, 5678, 5717, 5721, 5736, 6224, 6334–6335, 6435, 6465, 6511, 6658, 6710, 6743, 6762–6763, 6913, 6990, 7025, 7031, 7170, 7187, 7193, 7203, 7206, 7208, 7212, 7368, 7420, 7624, 7722–7723, 7770, 7775, 8000, 8043, 8123, 8142, 8232, 8360, 8397, 8449, 8499, 8528, 8542, 8567, 8577–8578, 8611, 8710, 8782, 8795, 8890, 9023, 9223, 9331–9332, 9438, 9459, 9486, 9775, 9790, 9835, 9875, 9881, 9889, 10023, 10047, 10093, 10095–10097, 10251, 10273, 10307

BLOOD SEDIMENTATION: 395, 795, 806, 1762, 2382, 2510, 2793, 2864, 4023, 4075, 4272, 5532, 7242, 7402, 7671, 7823, 7979, 8162, 8209, 8288, 8756, 8869, 9371, 9426, 9635, 9642, 9672, 9721, 9754, 9772, 10368

BLOOD SPECIMEN COLLECTION: 93, 481, 1184, 1232, 1334, 3176, 3399, 3682, 5132, 5955, 6141, 6290, 7085, 7350, 7568, 8135, 8176, 8585, 8587, 9135, 9437, 9584

BLOOD SUGAR: 59, 106, 203, 349, 430, 484, 1321, 1978–1979, 2027, 2053, 2151–2152, 2198, 2467, 2552, 2984–2985, 3347, 3833, 4012, 4380, 4595, 4820, 4908, 5345–5346, 5462, 5507, 5640, 5899, 6114, 6289, 6651, 6892, 7193, 7422, 7552, 7696, 7708, 7729, 7743, 8037–8038, 8291, 8478, 8585, 9140, 9260, 9396, 9584, 9816

BLOOD TRANSFUSION: 20, 57, 72, 74, 94, 122–124, 137, 244, 247, 263, 274, 321, 426, 506, 545, 598, 613, 744, 789, 826, 837, 888, 911, 1059, 1111, 1227, 1267, 1324, 1342, 1410, 1436, 1459, 1468, 1514, 1714, 1782, 1867, 1925, 1951, 1960, 2180, 2185, 2298–2300, 2348, 2353, 2399, 2435, 2476, 2536–2537, 2608, 2623, 2641–2642, 2684, 2718, 2742, 2747, 2782, 2791, 2823, 2871, 2923, 3005, 3082, 3107, 3155, 3157, 3161, 3167, 3185, 3210, 3214, 3348, 3355, 3407, 3499, 3694, 3740–3741, 3761, 3786, 3849–3851, 3902, 3931, 3939, 3950, 3998, 4013, 4037–4038, 4041, 4051, 4059, 4063, 4242, 4266, 4312, 4534, 4571, 4590, 4656, 4770, 4822, 4865, 4964, 4990, 5005, 5007, 5016, 5037, 5080, 5084, 5110, 5130, 5164, 5185, 5205, 5217, 5224, 5330, 5348, 5389, 5446, 5459, 5488, 5529, 5634, 5646, 5662, 5675, 5677–5678, 5681, 5791, 5801, 5825, 5831, 5834, 5848–5850, 5852, 5854, 5925, 5945, 6019, 6075, 6122–6123, 6132, 6154, 6212, 6268, 6398, 6434, 6471, 6473, 6507, 6665, 6697, 6733, 6756, 6774, 6805, 6836, 6852, 7033–7034, 7056, 7058, 7111, 7150, 7182, 7258, 7337, 7366, 7446, 7468, 7471, 7484, 7583, 7613, 7640, 7787, 7818, 7833, 7849, 7873, 7947, 8016, 8067, 8077, 8079–8080, 8096, 8170, 8180, 8224, 8246, 8274, 8279, 8290, 8354, 8392, 8404, 8411, 8423, 8438, 8463, 8471, 8497, 8499, 8510, 8585, 8592, 8613, 8695, 8711, 8737, 8887, 8933, 8936, 9024, 9042, 9135, 9146, 9184, 9201, 9359, 9439, 9457, 9478–9479, 9511, 9574, 9669, 9700, 9808, 9863, 9873, 9886, 9950–9951, 9980, 9985, 10128–10129, 10205, 10225, 10260, 10278, 10292, 10317, 10347, 10381, 10385, 10389

BLOOD TRANSFUSION, AUTOLOGOUS: 990, 1229, 1232, 1335, 2476, 3128, 3180, 3230, 3461, 3747, 4102, 4505, 4513, 4637, 4642, 4790, 4948, 5679, 6038, 6108, 6111, 7461, 8289, 8404, 9158, 9224–9225, 9479, 9881

BLOOD UREA NITROGEN: 414, 1854, 2067, 2684, 4595, 5168, 5507, 5570, 7708, 8549, 10179

BLOOD VESSEL PROSTHESIS: 453, 700, 757, 1342, 1369, 1555, 1640, 1714, 1806–1807, 2081, 2391, 3481, 3813, 3817, 3957, 4315, 4364, 4634, 4645, 5041, 5340, 5652, 5926, 5961, 6409, 6861, 6867, 7191, 7196, 7344, 7747, 8117, 8229, 8476, 8620, 8743, 8772, 8957, 10142, 10219, 10301

BLOOD VESSELS: 554, 672, 699, 705, 755, 987, 1082, 1253, 1301, 1312, 1469, 1769, 1877, 1933, 2724, 2878, 3107, 3177, 3278, 3509, 3561, 3702, 3710, 3806, 3817, 3888, 4229, 4251, 4500, 4594, 5167, 5495, 5879, 5967, 6348, 6682, 6714, 6775, 6847, 7067, 7139, 7190, 7343, 7412, 7415, 7668, 7853, 7864, 8201–8202, 8593, 9065, 9151, 9332, 9451, 9811, 9870, 9874, 9921, 10161, 10351

BLOOD VISCOSITY: 12, 128, 172, 261, 395, 404, 456, 533, 699, 730, 735, 795, 875, 983, 1219, 1244, 1328, 1332, 1484, 1572, 1588, 1624, 1742, 1762, 1788, 2036–2037, 2045, 2076, 2078, 2108, 2173–2174, 2196, 2229, 2280, 2282, 2350, 2382, 2510, 2563, 2716, 2722, 2767, 2793, 2858, 2874, 2958, 3134, 3137, 3161, 3211, 3414, 3425, 3438, 3457, 3461, 3517, 3549–3550, 3562–3563, 3576, 3617, 3872, 3937, 4052–4053, 4074–4075, 4186, 4234, 4269, 4291, 4433, 4519, 4590, 4595,

4637, 4779, 4940, 5027, 5124, 5155, 5190, 5258, 5260, 5276, 5307, 5351–5352, 5515, 5628, 5691–5692, 5697, 5722, 5736, 5821, 5927, 6015, 6077, 6111–6113, 6140, 6162, 6254, 6317, 6444, 6559, 6596, 6647, 6930, 7130, 7173, 7343, 7402, 7415, 7434–7435, 7447, 7467, 7508, 7602–7603, 7668, 7671, 7708, 7784, 7799, 7878, 7997, 8018, 8090, 8114, 8123–8126, 8196, 8214, 8291, 8308, 8313, 8424, 8449, 8549, 8630, 8637, 8662–8663, 8667, 8724, 8756, 8837, 8845–8846, 8894, 8948, 8957, 9172, 9179, 9223, 9229, 9368–9371, 9452, 9462, 9547–9548, 9642, 9672, 9733, 9739, 9840, 9896, 9921, 10005, 10043, 10058, 10174, 10273–10274, 10332
BLOOD VOLUME: 75, 128, 474, 613, 730, 1465, 1742, 1846, 2348, 2481, 2499, 2776, 2874, 2953, 3107, 3161, 3550, 4189, 4218, 4223, 4505, 4540, 4619, 4632, 4637, 4790, 5459, 5476, 5678, 5801, 6002, 6077, 6112, 6609, 7468, 7749, 7787, 7845, 8073, 8130, 8214, 8463, 8549, 8582, 9104, 9452, 9479
BLOODLETTING: 1207, 1232, 3263, 4790, 9863
BLUE CROSS: 2840
BODY FLUIDS: 1974, 4081, 4324, 9906
BODY HEIGHT: 767, 10179
BODY SURFACE AREA: 2660, 5386, 6077
BODY TEMPERATURE: 343, 1258, 1688, 2292, 2703, 3682, 5309, 5610, 7086, 7343, 7407, 8054, 8477, 9396
BODY TEMPERATURE REGULATION: 875
BODY WEIGHT: 4, 63, 117, 324, 502, 767, 783, 1119, 1427, 1446, 1548, 1607, 1649, 1688, 1748, 2027, 2043, 2067, 2217, 3660, 4672, 4820, 4885, 4999–5000, 5345–5346, 5452, 5889, 6536, 6631, 6913, 7244, 7382, 7493, 7719, 7743, 8225, 8233, 8359, 8383, 8685, 8723, 9147, 9189, 9260, 9608, 9789, 9840, 9989, 10027, 10147, 10179, 10225
BOMBESIN: 5471
BONE AND BONES: 666, 756, 1276, 1313, 1467, 1927, 2347, 3116, 3291, 3393, 3699, 4219, 4527–4528, 4795, 5223, 5347, 5930, 6435, 7153, 7799, 8304, 8913, 9453, 9507, 9598, 9726, 10119
BONE CEMENTS: 764, 2998–2999, 5911
BONE CYST: 1861, 1914, 3070, 4161, 4440, 4567, 6411
BONE DISEASES: 57, 1541, 2330, 3183, 3890, 4806, 6381, 6825, 7706, 9105, 10051, 10216
BONE MARROW: 212, 503, 2067, 3144, 3410, 4162, 4993, 5100, 7157, 7372, 8835, 9753
BONE MARROW CELLS: 3, 1146, 1199, 1400, 1782, 2384, 2438, 2655, 2719, 2782, 2923, 3263, 3284, 3377, 3662, 3764, 3802, 3828, 3901, 3983, 4331, 4409, 4564, 4622, 4686, 4711–4712, 4824, 4953, 4993, 5223, 5556, 5591, 5619, 5666, 6042, 6122, 6185, 6371, 6433–6434, 6525, 7012, 7135, 7427, 7755, 8286–8287, 8306, 8411, 8557, 8573, 8594, 8711, 8933, 9184, 9234, 9615, 9625, 9635, 10185
BONE MARROW DISEASES: 94, 1055, 1882, 3765, 3865, 4147, 5168, 5549, 6124, 7157, 7436, 8711, 9017
BONE MARROW EXAMINATION: 1302, 2289, 2442, 3702, 5007, 7019, 8825, 8887
BONE NAILS: 685, 764, 6908, 8597
BONE NEOPLASMS: 1076, 1330, 1467, 1771, 1868, 1914, 1927, 3782, 4440, 4522, 4810, 5004, 5930, 7352, 7746, 7784, 8108, 8547, 8672, 8874, 9231, 9678
BONE PLATES: 1031, 1313, 8597
BONE REGENERATION: 666, 764, 3307–3308
BONE RESORPTION: 2648, 3360, 6435, 7699, 9258
BONE SCREWS: 1031, 8597
BORATES: 2144, 2241, 5104
BORDETELLA PERTUSSIS: 3825, 10250
BORIC ACIDS: 5798
BOROHYDRIDES: 4026, 7168, 8442, 9417, 9814
BORON COMPOUNDS: 2668
BORONIC ACIDS: 1426, 3597, 6521
BOTULINUM TOXIN: 1943, 2367, 4171, 4758, 6234, 6515, 6803
BRACHIAL ARTERY: 415, 487, 575, 1081, 4617, 5609, 6093, 6167, 7089, 8208, 10142
BRACHIAL PLEXUS: 3154, 8393
BRADYCARDIA: 4455, 9241, 9967
BRADYKININ: 168, 1409, 1421, 1706, 2368, 2606, 2612, 2772, 3120, 3500, 3961–3962, 5396, 5982, 6183, 6233, 6278–6282, 6330, 6670, 6844, 7028, 7307–7308, 7686, 7874, 7955, 7957, 8083, 8509, 9150, 9442, 9487, 9796, 10152, 10212
BRAIN: 19, 38, 356, 565, 649, 813, 899, 935, 1098, 1100, 1310, 1492, 1587, 1664, 1823, 1877, 1934, 2102, 2218, 2282, 2645, 2652, 2763, 2771, 2800, 2938, 3010, 3157, 3173, 3181, 3402–3404, 3528, 3541, 3760, 3927, 3996–3997, 4034, 4091, 4162, 4229, 4246, 4248, 4467, 4523, 4547, 4758, 4840, 4899, 4907, 4988, 5013, 5085, 5179, 5258, 5263, 5499, 5565, 5606, 5621, 5682, 5749, 5901–5902, 5987, 6175, 6280, 6458, 6464, 6508, 6638, 6706, 6757, 6839, 6844, 7067, 7139, 7245, 7249, 7415, 7462, 7554, 7668, 7762, 7769, 7772, 7908, 7994, 8019, 8167, 8372, 8521, 8606–8607, 8644, 9071, 9119, 9260, 9277, 9315, 9331, 9417, 9481, 9487, 9630, 9730, 9779, 9839, 9851, 9947, 9957–9958
BRAIN ABSCESS: 2922, 3460, 3644
BRAIN CHEMISTRY: 884–885, 1873, 2441, 3249, 4091, 4141, 4379, 5451, 6281–6282, 7218, 7236, 7769, 8521, 9101, 9398
BRAIN CONCUSSION: 4092, 5408, 5702
BRAIN DAMAGE, CHRONIC: 736, 9758
BRAIN DEATH: 6786
BRAIN DISEASES: 488, 774, 1079, 1355, 1658, 1692, 1814, 1934, 1952, 2175, 2269, 2328, 2432, 2480, 2922, 4354, 4580, 4585, 4747, 4899, 4921, 6458, 7466, 7698, 7704, 8029, 9261, 9377, 9515, 9551, 10256, 10308
BRAIN DISEASES, METABOLIC: 1658
BRAIN EDEMA: 1231, 1814, 1877, 2282, 2480, 3460, 3810, 4585, 4899, 5408, 6433, 6593, 8493
BRAIN INJURIES, ACUTE: 369, 605, 630, 2102, 2269, 2480, 2652, 2738, 2970, 3264, 3325, 3460, 4200, 4321, 4523, 4580, 4899, 4921, 5408, 5795, 5987, 6167, 6786, 7762, 8998, 9018, 9071, 9398, 9818, 10289
BRAIN MAPPING: 2493, 3098, 4468, 5987
BRAIN NEOPLASMS: 276, 355, 381, 566, 634, 1658, 1793, 1814, 1934, 2480, 2678, 2922, 3018, 3305, 3460, 3553, 3890, 3988, 4433, 4582, 4630, 5083, 5307, 5354, 5621, 5787, 5893, 5929, 6484, 6678, 6786, 6817, 7179, 7245, 7436, 7462, 7554, 7704, 7884, 7906, 8070, 8165, 8707, 9244, 9377, 9656, 9670, 9830, 9976, 9986, 10073
BRAIN STEM: 1873, 2269, 3594, 5787, 6786, 8307
BREAD: 7895
BREAST: 5232, 6380, 9173, 9509, 9894
BREAST DISEASES: 1876, 5232, 9280, 10061
BREAST FEEDING: 6889, 10284
BREAST NEOPLASMS: 355, 470, 921, 979, 1044, 1075–1076, 1876, 1878, 1882, 2673, 2974–2975, 2981, 3557, 3782, 4071, 4147, 4289, 4407, 4667, 5056, 5307, 5500, 5629, 5667, 5715, 6495, 7721, 7756, 7884, 7982, 8160, 8303, 8507, 9285, 9440, 10061, 10344
BREATHING EXERCISES: 9441, 9565, 9967
BREECH PRESENTATION: 2693
BREVIBACTERIUM: 10106–10107
BRIDGED COMPOUNDS: 3527
BRINOLASE: 2155, 4273, 8025
BROAD LIGAMENT: 1685, 8248
BROMELAINS: 3026, 3224, 4294, 4659, 4827, 6177, 6349, 6799, 7988, 8230, 8435–8436, 8897–8898
BROMHEXINE: 906, 3530, 3968, 4914, 8137
BROMIDES: 1185, 6257, 9443
BROMINE: 4815, 5011, 5525, 6875, 8302, 8829
BROMISOVALUM: 6597
BROMODEOXYURIDINE: 1761, 2523, 8061
2-BROMOERGOCRYPTINE: 8712
BROMOSUCCINIMIDE: 4484, 8529
BROMPHENIRAMINE: 3450
BRONCHI: 574, 1110, 2494, 4157, 4167, 4738, 5147, 5313, 6807, 6809, 6813, 6992, 7404, 8137, 8242, 9125–9126, 9406
BRONCHIAL ARTERIES: 1357, 7563
BRONCHIAL DISEASES: 4157, 8137
BRONCHIAL FISTULA: 9129
BRONCHIAL NEOPLASMS: 1021, 1103, 4654, 4813, 5362, 6266, 8706, 8744, 8851, 9962
BRONCHIAL SPASM: 2779, 5503, 6167
BRONCHIECTASIS: 1558, 2443, 8198
BRONCHITIS: 1110, 1582, 1601, 1683, 2036–2037, 2474, 2576, 2819, 3897, 5147, 6056, 7404, 7570, 8046, 9636
BRONCHODILATOR AGENTS: 2228, 7222, 9396, 9802
BRONCHOPNEUMONIA: 1079, 6417, 8255, 8682, 9397, 9429
BRONCHOPULMONARY SEQUESTRATION: 2270, 7004
BRONCHOSCOPY: 10228
BUFFALOES: 193, 2414
BUFFERS: 1041, 1121, 1443, 2593, 3949, 4005, 4425, 4839, 6084, 6877, 7715, 8181, 9137, 9423, 9621
BUFO: 875, 1496
BUFO ARENARUM: 6128
BUMETANIDE: 6626
BUNDLE-BRANCH BLOCK: 2693, 8382
BUNDLE OF HIS: 4267
BUNGAROTOXINS: 4009
BURIMAMIDE: 10047
BURKITT'S LYMPHOMA: 3571, 8129
BURKITT'S LYMPHOMA VIRUS: 6122, 10145
BURNS: 215, 577, 730, 1019, 1270, 1398, 1718, 2281, 2395, 2470, 2660, 3409, 4475, 4493, 4819, 4822, 5386, 5523, 6187, 6367, 6417, 6535, 6539, 6682, 6791, 7024–7025, 7200, 7202–7203, 7208–7210, 7213–7214, 7301, 7706, 7867, 8021, 8101, 8517, 9141, 9624, 10194
BURNS, CHEMICAL: 843, 2114, 6144
BURNS, INHALATION: 6417, 9141
BURSA OF FABRICIUS: 6961
BURSITIS: 4567, 8928
BUSULFAN: 1178, 4069, 5140, 5776, 6166, 7157, 7481, 8306, 8530, 8851, 8887, 9735
BUTANONES: 4122

BUTTER: 3244, 5000
BUTTOCKS: 895, 1597, 2063, 10064
BUTYLAMINES: 4303
BUTYLATED HYDROXYANISOLE: 2680
BUTYLATED HYDROXYTOLUENE: 2680, 6639–6640, 6640, 7685, 8568
BUTYLCYANOACRYLATE: 3503
BUTYRATES: 292, 1036, 1477, 1481, 2054
BUTYRIC ACIDS: 3933
BYSSINOSIS: 1582

C

C-REACTIVE PROTEIN: 1645, 2624–2626, 2658, 4699, 4750–4751, 5412, 5736, 5875, 6717, 6869, 7006, 7869, 8288, 9835
C-TYPE VIRUSES: 6750
CACHEXIA: 4306, 6030
CADAVER: 977, 4568, 4698, 4718, 4930, 5023, 5291, 5383, 5463, 5645, 7735, 9643
CADAVERINE: 1344, 7267, 8270, 8685
CAERULEIN: 346–347, 2848, 3908, 5471, 6189
CAFFEINE: 326, 1811, 7951, 9142
CALCIFICATION, PHYSIOLOGIC: 10253
CALCINOSIS: 971, 1774, 2015, 2017, 2590, 4552, 4628, 5929, 6235, 6530, 6615, 8778, 9123, 10052
CALCITONIN: 1006, 3198–3199, 3999, 9215
CALCIUM: 49, 96, 99, 115, 205–206, 246, 248, 268, 330, 361, 446–447, 536, 538, 546, 691, 814, 867, 887, 928, 1108, 1276, 1285, 1296, 1434, 1480, 1500, 1521, 1681, 1781, 1795, 1828, 1895, 1915, 1938–1939, 1975, 2245–2246, 2257, 2302, 2306, 2340, 2482–2483, 2515, 2533–2534, 2583, 2701, 2726, 2771–2772, 2867, 2886, 3063, 3169–3171, 3186, 3212, 3240, 3335, 3340, 3368, 3381, 3426, 3527, 3575, 3594, 3619, 3670, 3703–3704, 3750, 3796, 3823, 3835, 3852, 4016, 4221, 4239, 4261, 4333, 4342, 4355, 4370, 4386, 4511, 4544, 4800, 4923, 4988, 5124, 5262, 5269, 5299, 5365, 5469, 5608, 5613, 5633, 5732, 5759, 5810, 5845, 5853, 5887, 5933, 5999, 6211–6212, 6217, 6257, 6299, 6382, 6402, 6427, 6464, 6557, 6569, 6636, 6684, 6701, 6726, 6767, 6787, 6836–6837, 6852, 6926, 6933, 7034, 7053, 7113, 7139, 7169, 7185, 7187, 7267, 7370, 7373, 7401, 7442, 7474, 7491, 7624, 7644, 7657, 7672, 7892, 7908, 7938, 7971, 8053, 8160, 8170, 8333, 8394, 8402, 8418, 8429, 8637, 8759, 8768, 8824, 8826, 8926, 8931, 8946, 8997, 9040, 9092, 9181, 9354, 9366, 9430, 9442, 9478, 9500, 9514, 9554, 9611, 9725–9726, 9730, 9751, 9756, 9779, 9783, 9786, 9832, 9852, 9918, 9927, 9958, 9969, 9973, 10066, 10083, 10099, 10224, 10343
CALCIUM CHLORIDE: 19, 1174, 3940, 5479, 5704, 6000, 6257, 8953
CALCIUM DOBESILATE: 779, 3888
CALCIUM PHOSPHATES: 1994–1995, 4551, 5704, 8109, 9250
CALCULI: 1304, 3951
CALLOSITIES: 4621
CALORIC INTAKE: 1535, 1811, 9576, 9802
CALORIMETRY: 2340, 3365, 4349, 4394, 4836, 5378, 6288–6290, 7647, 7809, 8194–8195
CAMELIDS, NEW WORLD: 5416
CAMELS: 2214, 5416
CAMPHOR: 5798
CAMPING: 1073, 8269
CANAVANINE: 3824
CANDIDA: 6594, 6796, 7979
CANDIDA ALBICANS: 576, 5437, 6853, 7013, 7303, 8803, 10109
CANNABINOIDS: 2131
CAPILLARIES: 687, 870, 946, 1557, 1894, 2040, 2085, 2208, 2740, 2787, 2800, 2874, 2940, 3660, 3682, 4129, 4194, 4323, 4504, 4717, 5515, 5800, 6083, 6323, 6794, 6841–6842, 7000, 7063, 7238, 7369, 7415, 7544, 7763, 8103, 8124, 8196, 8247, 8250, 8359, 8449, 8530, 8914, 8986, 9011, 9090, 9141, 9675, 9826, 9870
CAPILLARITY: 7173
CAPILLARY FRAGILITY: 5432
CAPILLARY PERMEABILITY: 870, 1441, 1897, 2022, 2953, 3169–3170, 3286, 3398, 3710, 3872, 3935, 4473, 4979, 5800, 5982, 6385, 6802, 7067, 7119, 7389, 7525, 7641, 7754, 7787, 7791, 7864, 7866, 8474, 8477, 8528, 8881, 8912, 9025, 9095, 9141, 9226, 9531
CAPILLARY RESISTANCE: 4269, 5736, 6208, 8124, 9840
CAPROATES: 422, 1477
CAPRYLATES: 2393, 6707
CAPSID: 391, 1464, 2089, 6489, 9103, 9954
CAPSULES: 3331, 3926, 9747
CARBACHOL: 4624, 5198, 7790–7791, 8182
CARBAMATES: 8236, 9153
CARBAMAZEPINE: 7606
CARBAZOCHROME: 512
CARBAZOLES: 6893
CARBENICILLIN: 219, 5954
CARBENOXOLONE: 3311
CARBIMAZOLE: 1839
CARBOCYANINES: 1108
CARBODIIMIDES: 2062
CARBOHYDRATE ISOMERASES: 492, 3053
CARBOHYDRATE METABOLISM, INBORN ERRORS: 6096
CARBOHYDRATES: 40, 210, 650, 800, 885, 1134, 1151, 1262, 1472, 1805, 1812, 2057, 2146, 2627, 2829, 2844–2846, 2891, 3001, 3319, 3341, 3374, 3585, 4206, 4212, 4334, 4482, 4796, 4860–4861, 4884, 5103, 5525, 5811–5812, 5845, 6190, 6515, 6655, 6689, 6708, 6731, 6793, 7236, 7430, 7444, 7599, 7770, 8022, 8041, 8121–8122, 8291, 8415, 8462, 8504, 8521, 8638, 8699, 8781, 8860, 8945, 8969, 9197, 9281, 9352, 9474, 9503, 9883, 10181, 10233
CARBON: 841, 1555, 2942, 5460, 5775, 6013, 9747
CARBON DIOXIDE: 31, 687, 712, 907, 1781, 3128, 3682, 3718, 4473, 5491, 5650, 6077, 6140, 6500, 6741, 6919, 7003, 7033, 7415, 7482, 7602, 7668, 7725, 7862, 8422, 8605, 8894, 9083, 9090, 9179, 9334, 9419, 9593–9594, 10049, 10222, 10324
CARBON MONOXIDE: 1635, 5819, 5928, 7272, 9088
CARBON MONOXIDE POISONING: 5060
CARBON RADIOISOTOPES: 452, 896, 957, 1198, 2024, 2559, 5135, 5266, 5318–5319, 5341, 7548, 7771, 8661, 9088, 9090, 9459, 9879, 9911
CARBON TETRACHLORIDE: 5152
CARBON TETRACHLORIDE POISONING: 5255, 6394, 8922, 9344
CARBONIC ANHYDRASE: 2644, 2651, 3776, 8235
CARBONIC ANHYDRASE INHIBITORS: 9282
CARBONYL CYANIDE M-CHLOROPHENYL HYDRAZONE: 6035
CARBOXY-LYASES: 998, 1079, 1188, 2183, 2500, 4006, 6454, 8968, 8970
CARBOXYLIC ACIDS: 422, 696, 1477, 4972, 6707, 6783
CARBOXYLIC ESTER HYDROLASES: 2304, 3614, 4277
CARBOXYMETHYLCYSTEINE: 493
CARBOXYPEPTIDASE TRANSPEPTIDASE: 2786
CARBOXYPEPTIDASES: 55, 271, 302, 388, 595, 599, 718, 856, 1157, 1664, 2214, 2410, 2651, 2786, 2806, 3023, 3046, 3071, 3165, 3262, 3612, 3680, 3711, 3745, 3871, 3954, 4434, 4545, 4786, 4855, 4951, 5218, 5326, 5473, 5780, 5793, 5902, 6233, 7072, 7197, 7420, 7476, 7684, 7686, 7790, 7796, 7955, 8220, 8599, 8971, 9281, 9448, 9492, 9570, 9573, 9748, 9998, 10030, 10103
CARBROMAL: 4131, 5274, 7846
CARCINOEMBRYONIC ANTIGEN: 2165, 6881
CARCINOGENESIS: 144, 4806, 5690, 7822, 10010, 10022
CARCINOGENS: 402, 1132, 1695, 2363, 3878, 4902, 5053, 5454–5455, 6007, 7592, 8055, 8133, 8238, 9291, 10340, 10359
CARCINOGENS, ENVIRONMENTAL: 2788
CARCINOID TUMOR: 5889
CARCINOMA: 78, 1006, 1910, 2244, 2637, 2981, 3088, 3289, 5226, 5544, 5667, 6291, 6959, 7413, 7503, 7767, 7921, 8191, 8744, 8874, 9190, 9473, 10340
CARCINOMA 256, WALKER: 68–69, 2994, 9206
CARCINOMA, BASAL CELL: 375, 4621, 6151, 6495, 7503
CARCINOMA, BRONCHIOLAR: 2107, 8744
CARCINOMA, BRONCHOGENIC: 1692, 3608, 8167, 8822, 9091, 9166
CARCINOMA, DUCTAL: 2673
CARCINOMA, EHRLICH TUMOR: 41, 245–246, 248, 819, 2895, 4178–4180, 4435, 5070, 6207, 7277, 7694, 8810, 9134, 9581
CARCINOMA, EPIDERMOID: 375, 402, 455, 1235, 1301, 1692, 1695, 3608, 4621, 4654, 4895, 4925, 5860, 6055, 6715, 6959, 6984, 8129, 8744, 8861, 9955, 10100, 10239
CARCINOMA IN SITU: 5650
CARCINOMA, KREBS 2: 9505
CARCINOMA, MUCINOUS: 2673
CARCINOMA, OAT CELL: 1692, 3608, 4654, 6266, 7555, 8861, 9091, 9976
CARCINOMA, PAPILLARY: 1235, 3088, 7505
CARCINOMA, TRANSITIONAL CELL: 6984, 7709, 10241
CARCINOSARCOMA: 7744, 9215
CARDIA: 4329
CARDIAC GLYCOSIDES: 3852, 4785, 8130, 9486
CARDIAC OUTPUT: 14, 113, 1295, 1484, 1742, 1854, 1954, 1974, 2332, 2423, 2761, 3128, 3550, 4269, 4285, 6077, 6162, 6647, 6677, 6836, 7605, 7792, 7850, 7916, 8040, 8090, 8957, 9419, 9446, 9595, 9840, 10049
CARDIAC TAMPONADE: 6099, 6378, 6685
CARDIAC VOLUME: 3658, 7130
CARDIOLIPINS: 8069
CARDIOLOGY: 1731
CARDIOPULMONARY BYPASS: 408, 826, 1689, 2233,

2585, 2671, 2744, 4590, 4875, 4986, 5116, 5164, 5330, 5508, 6609, 6734, 7377, 7482, 8028, 8404, 9415, 9592
CARDIOVASCULAR DISEASES: 464, 598, 636, 744, 980, 1540, 2012, 2197, 2976, 3048, 3166, 3652, 3935, 4344, 4346, 4644–4645, 4669, 4785, 4806, 4837, 4939, 5357, 6223, 6241, 6534, 6981, 7109, 7248, 7390, 7720, 7724, 8175, 9576
CARDIOVASCULAR SYSTEM: 1123, 1858, 2563, 2821, 2872, 5756, 7067, 7793, 7874, 8025, 8477, 9840
CARMUSTINE: 7372, 10186
CARNITINE: 3117
CARNIVORA: 1160, 8796
CAROTENOIDS: 2842, 4168, 4774, 5603
CAROTID ARTERIES: 274, 487, 533, 736, 816, 1096, 1404, 1648, 1665–1666, 1820, 1836, 2000, 2073, 2295, 2430, 2659, 2970, 4510, 5047, 5958, 6167, 6572, 6578, 7758, 7766, 7963, 8659, 8738, 9158, 9374, 9656, 9915, 10174, 10222
CAROTID ARTERY DISEASES: 615, 816, 1836, 3843, 6436, 6484, 7179, 7191, 7353, 7776, 8855, 9670, 9719, 9741, 10064
CAROTID ARTERY, EXTERNAL: 9670
CAROTID ARTERY, INTERNAL: 199, 615, 1639, 1891, 6484, 7776, 7887, 8738, 8855
CAROTID ARTERY THROMBOSIS: 533, 1820, 1891, 2295, 3251, 7766, 8738
CAROTID BODY: 4190, 5052
CAROTID SINUS: 5742
CARP: 1681
CARPAL TUNNEL SYNDROME: 2196, 4694, 4881, 9061
CARRAGEENAN: 2176, 2606, 2750, 5411, 5602, 6357, 7118, 7242, 9532–9534, 10185
CARRIER PROTEINS: 799, 923, 1048, 1445, 1767, 4988, 5608, 5667, 6742, 7908, 8521, 8915, 8971, 9156, 9490, 9587
CARRIER STATE: 5721, 7471, 10322
CARTILAGE: 540, 1340, 1419, 1785, 3074, 3274, 4763, 5056, 6891, 7983–7984, 9189
CARTILAGE, ARTICULAR: 879, 3183, 4327, 4723, 4761, 7030, 7985, 8748, 10296
CARTILAGE DISEASES: 9780
CASEIN: 546, 579, 1090, 1156–1157, 1816, 2247, 2414, 2498, 2561, 2816, 2910, 2917, 3450, 3513, 3689, 4416, 4545, 4771, 4793, 4821, 4877, 4943, 4999, 5163, 5572, 5727, 5779, 6095, 6321, 6382, 6806, 6926, 6999, 7083, 7169, 7224, 7401, 7520, 7547, 7748, 7759, 7985, 8000, 8148, 8299, 8534, 8555, 8673, 9301, 9346, 9348, 9714, 9904
CASTRATION: 2097, 3603, 3719, 4381–4382, 4672, 7523, 9440, 9988, 10226
CASTS, SURGICAL: 3086
CAT DISEASES: 980, 1228, 1781, 2289, 3369, 3780, 4838, 5691, 6703, 8043, 9228
CAT-SCRATCH DISEASE: 3260
CATALASE: 25, 632, 2304, 3378, 5106, 5187, 8699, 9750
CATALYSIS: 664, 722, 948, 1502, 2411, 2498, 3058, 3079, 3420, 4171, 4265, 4358, 4786, 4883, 5177, 5384, 5613, 5617, 6079, 6322, 6843, 7809, 7856, 8299, 8636, 8925, 8958, 9014, 9674, 10066
CATARACT: 6562, 9719
CATARACT EXTRACTION: 773, 1520, 2759, 6784, 6991, 7302
CATATONIA: 7535
CATECHOL METHYLTRANSFERASE: 676, 2578, 5153, 5657, 9186
CATECHOLAMINES: 107, 348, 675–676, 3227, 3507, 3891, 4111, 5074, 5279, 5374, 5668, 5989–5990, 6136, 6278, 6450, 7067, 7141, 7415, 7762, 8477, 9260, 9486–9487, 10250
CATECHOLS: 1496, 3276
CATHARTICS: 3756, 6331, 6428
CATHEPSIN: 182, 271, 879, 1329, 1855, 2157, 2171, 2347, 2574, 2618, 2942, 3477, 3759, 4066, 4294, 4351, 4840, 5281, 5312, 5388, 5528, 5602, 5901–5902, 5964, 6395, 7858, 7871, 7983, 8000, 8074, 8748, 8983, 9210, 9296, 9424, 9647, 9680, 9963, 10194
CATHETERIZATION: 322, 415, 529, 577, 645, 914, 1312, 1404, 1427, 1559, 1583, 1727, 1769, 1783, 2081, 2281, 2327, 2402, 2572, 2945, 3275, 3396, 3627–3628, 3730, 3742, 3771, 4230, 4328, 4566, 4643, 4888, 5073, 5212, 5316, 5609, 5631, 5792, 5840, 6109, 6283, 6300, 6307, 6358–6359, 6422, 6609, 6878, 6962–6963, 7107, 7450, 7479, 7602, 7675, 8026, 8105, 8237, 8308, 8348, 8475, 8508, 8514, 8803, 8872, 8923, 9001, 9024, 9388, 9454, 9618–9619, 9656, 9670, 9923, 9941, 9992, 10026, 10222
CATIONS, DIVALENT: 388, 876, 1803, 1864, 2053, 2247, 2515, 3427, 3474, 3703, 3923, 4144, 4212, 4416, 4435, 5591, 5601, 5779, 6212, 6217, 6304, 7163, 7401, 7842, 8032, 8454, 8661, 8873, 8921, 9040, 9354, 9530, 9783, 9832, 9918, 9958, 10132, 10388
CATIONS, MONOVALENT: 154, 876, 1746, 2053, 4144, 4435, 6217, 8661, 10388
CATS: 569, 683, 710, 731, 980, 1160, 1176, 1228, 1593, 1619, 1781, 1877, 2095, 2268, 2289, 2557, 2942, 2972, 3029, 3073, 3173, 3198–3199, 3369, 3551–3552, 3780, 3952, 3996–3997, 4294, 4509, 4637, 4838, 5571, 5691, 6279, 6649, 6703, 6731, 6751, 6903, 7152, 7285, 7403, 7478, 7901, 8035, 8043, 8054, 8124, 8562, 8652–8654, 8893, 9050, 9060, 9185, 9228, 9446–9447, 9531
CATTLE: 25, 33, 113, 125, 142, 210, 366, 406, 431, 446–447, 579, 664, 691, 867, 879, 892, 897, 900, 918, 937, 941, 1005, 1015–1017, 1041–1042, 1047–1048, 1121, 1156–1157, 1170–1173, 1186, 1210, 1257–1258, 1329, 1340, 1344, 1348, 1393, 1407, 1435, 1438, 1472, 1531–1532, 1545, 1549, 1599, 1619, 1622, 1673–1674, 1698, 1721–1722, 1755, 1767, 1789, 1792, 1902, 1929, 1939, 1957, 1975, 2095, 2117, 2147, 2179, 2200, 2236, 2294, 2322, 2388, 2414, 2430, 2441, 2482–2483, 2488, 2502, 2525, 2552, 2564, 2573, 2613, 2644, 2751, 2763, 2792, 2844–2846, 2878, 2891, 2916, 2967, 2972–2973, 3029, 3053, 3108, 3173, 3215, 3223, 3232, 3257, 3259, 3274, 3306, 3365, 3472, 3480, 3513, 3532, 3545, 3548, 3578, 3620, 3622, 3670, 3673, 3695, 3698, 3703, 3708, 3719, 3774, 3776, 3785, 3870, 3886, 3892, 3898, 3909, 3917, 3922, 3957, 3967, 4001, 4026, 4031, 4066, 4095, 4115, 4117, 4122, 4155, 4206, 4221, 4279, 4334, 4338, 4353, 4401–4402, 4426, 4527–4528, 4540, 4557–4558, 4562, 4600, 4722, 4732–4733, 4751, 4763, 4775, 4796, 4800–4801, 4836, 4845, 4860–4861, 4884, 4905, 4924, 4941, 4950–4951, 5009, 5088, 5104, 5138, 5221, 5250, 5296, 5306, 5315, 5322, 5331, 5333–5334, 5426, 5451, 5486, 5492, 5501, 5526, 5551–5552, 5572, 5613, 5626, 5660, 5700, 5723, 5759, 5810, 5845, 5870, 5887, 5891–5892, 5900, 5958, 5981–5982, 6035, 6076, 6079, 6084, 6118, 6150, 6177, 6187, 6207, 6333, 6336, 6464–6465, 6483, 6528, 6554, 6570, 6636, 6649, 6710, 6717, 6761, 6802, 6863, 6873, 6913, 6989, 7020, 7036, 7042, 7071, 7083, 7180, 7236, 7240, 7283, 7304, 7350, 7370, 7397, 7401, 7431–7432, 7444, 7464, 7488, 7590, 7597, 7636, 7724, 7772, 7899, 7901, 7960, 8044–8045, 8073–8074, 8093, 8124, 8235, 8249, 8262, 8270, 8281, 8338–8339, 8360, 8395, 8429, 8442–8443, 8458, 8490, 8502, 8509, 8529, 8534, 8612, 8622, 8664, 8687, 8794, 8824, 8827, 8901, 8909, 8915–8916, 8940, 8969, 8972, 8991, 9073, 9081, 9087, 9147, 9216, 9237, 9260, 9283, 9286, 9301, 9310, 9402, 9408, 9417, 9419, 9445, 9510, 9514, 9522, 9564, 9583, 9585, 9587, 9674, 9746, 9748, 9769–9770, 9779, 9832, 9841, 9849, 9900, 9904, 9920, 9957, 9966, 9981, 9995, 10066–10067, 10127, 10138, 10154, 10166, 10184, 10198, 10202, 10208, 10224, 10288, 10296, 10307
CATTLE DISEASES: 1005, 2236, 2322, 3917, 6913, 8045
CAUCASIAN RACE: 2522, 3239, 3253, 5404, 6752, 9298
CAUDA EQUINA: 6537
CAUDATE NUCLEUS: 1079
CAUSALGIA: 8393
CAVERNOUS SINUS: 240, 1165–1166, 3843, 4895, 5606, 5888, 6307, 6578, 7179, 9719
CECAL DISEASES: 9274
CECAL NEOPLASMS: 2598, 3037, 7357, 7720
CECUM: 3036, 3970, 5019, 7357, 10370
CELIAC ARTERY: 582, 4220, 4848, 5422, 5529, 6996, 7088, 7281
CELIAC DISEASE: 2599, 6324, 7702, 7860, 7863
CELL ADHESION: 131, 359, 723, 822, 964, 1192, 1481, 1568, 1955, 2461, 2464, 2994, 3426–3427, 3492, 3621, 4424, 4907, 4940, 5336, 5360, 5415, 5591, 5669, 5717, 5913–5914, 5966, 6254, 6461, 6710, 6725–6726, 6793, 6951, 7915, 8125, 8279, 8400, 8410, 8521, 8554, 8733, 8912, 9292, 9430, 9449, 9658, 9874, 9878–9879, 9935–9936, 10010, 10014, 10045
CELL AGGREGATION: 404, 735, 921, 1356, 1580, 1813, 2066, 2106, 2461, 2791, 3381, 3427, 5669, 5965, 6201, 6351, 6427, 6557, 7342, 7656, 7970, 8591, 9430, 9499, 9710, 9935, 10014, 10075
CELL COUNT: 56, 344, 1913, 2287, 2461, 2559, 3634, 4036, 4104, 4711–4712, 4987, 5007, 5345–5346, 5619, 5886, 6068, 7339, 7545, 7800, 7871, 8086, 8854, 8910, 8933
CELL DIFFERENTIATION: 370, 816, 1568, 1761, 2462, 2526, 3212, 3263, 3366, 3838, 3983, 4106, 4145, 4530, 4956, 4968, 5619, 5644, 5667, 5749, 5829, 6014, 6726, 7012, 7094, 7220, 7826, 7970, 8431, 9169, 9292, 9395, 9432, 9658
CELL DIVISION: 127, 258, 588, 816, 854, 1137, 1192, 1196, 1275, 1325, 1356, 1413, 1461, 1481, 1519, 1568, 1600, 1666, 1690, 1841, 1879, 1887, 1915, 2068, 2141, 2176, 2383, 2438, 2523, 2754, 2851, 2895, 3003, 3122, 3212, 3252, 3306, 3371, 3687, 3689, 3824, 3901, 3910, 4001, 4019, 4145, 4530, 4743, 4757, 4763, 5249, 5317, 5501, 5528, 5542, 5643, 5660, 5717, 5758, 5806, 6169, 6371, 6532, 6725, 6796, 7127, 7226, 7231, 7267, 7361, 7491, 7664, 7759, 7767, 7774–7775, 8268, 8286, 8554, 9389, 9488, 9523, 10010, 10038, 10133, 10186, 10244–10245
CELL EXTRACTS: 262, 848, 934, 2314, 3175, 5444, 5629
CELL FRACTIONATION: 104, 193, 945, 1186, 1544, 1577, 1976, 2314, 2436, 2516, 3100, 3529, 3844, 3864, 3970, 4583, 4954, 5271, 6646, 6673, 6812, 7220, 7460, 8138, 8664, 8720, 9583, 9794–9795, 9821, 10011
CELL-FREE SYSTEM: 1816, 2183, 2517, 2803, 2980, 3017,

3519, 3949, 4262, 5358, 5368, 5568, 5600, 5612, 5751, 5894, 6325, 6624, 6673, 6845, 7516, 8136, 8430, 9134, 9384, 9583, 9650, 10123
CELL FUSION: 1275, 1389, 2141, 2191, 3661, 5752, 6799, 6851, 7312, 8060, 8379
CELL LINE: 127, 131, 258, 340, 359, 370, 458, 525, 576, 794, 813, 815, 917, 1036, 1137, 1187, 1192, 1196, 1250, 1292, 1325, 1464, 1481, 1546, 1568, 1584, 1600, 1659, 1690, 1757, 1955, 2383, 2523, 2682, 2757, 2851, 2867, 2924, 2980–2981, 3092, 3322, 3381, 3426–3427, 3492–3493, 3571, 3600, 3687, 3844, 3910, 3961–3962, 4400, 4424, 4530, 4635, 4648, 4833, 4956, 5082, 5096, 5371, 5427, 5485, 5528, 5542, 5629, 5635, 5672, 5717, 5918, 5965, 6035–6036, 6076, 6299, 6403, 6438, 6485, 6532, 6602, 6703, 6725–6726, 6750–6752, 6799, 6851, 6951, 7008, 7267, 7289, 7307–7308, 7341, 7546, 7634–7636, 7656, 7888, 7915, 8022, 8060, 8111, 8268, 8486, 8554, 8733, 8854, 8993, 9043, 9076, 9425, 9430, 9490, 9523, 9658, 9710, 9807, 9813, 9935–9936, 9954, 10010, 10050, 10102, 10145, 10186, 10245
CELL MEMBRANE: 100, 141, 246, 248, 268–269, 356, 364, 370, 454, 495, 509, 654, 790, 808, 810, 814, 872, 950, 964, 1001, 1024, 1029, 1033, 1036, 1146, 1226, 1250, 1285, 1356, 1413, 1416, 1481, 1512, 1563, 1568, 1584, 1595, 1755, 1759, 1855, 1919–1920, 1930, 1996, 2053, 2060, 2068, 2089, 2142, 2182, 2209, 2334, 2369, 2383, 2427, 2437, 2460, 2542, 2583, 2603, 2682, 2757, 2771, 2924–2925, 2929, 2951, 3002, 3043, 3074, 3257, 3314, 3381, 3426, 3519, 3548, 3569, 3681, 3687, 3689, 3706, 3864, 3925, 4081, 4143, 4302, 4404, 4424, 4448, 4544, 4557, 4574, 4640, 4648, 4833, 4943, 4964, 4980, 5029, 5131, 5207, 5276, 5318–5319, 5336, 5371, 5381, 5391, 5444, 5478, 5518, 5603, 5633, 5647, 5872, 5898, 5918, 5966, 6036, 6063, 6107, 6116, 6128, 6201, 6254, 6306, 6377, 6427, 6457, 6476, 6480, 6538, 6587, 6640, 6643, 6646, 6731, 6750–6751, 6793, 6826, 6847, 6853, 7118, 7168, 7170, 7195, 7220, 7279, 7361, 7455, 7583, 7634, 7830, 7888, 7970, 8023, 8032, 8110–8111, 8119, 8250, 8379, 8431, 8447, 8486, 8531, 8567, 8608–8609, 8691, 8733, 8782, 8891, 8926, 9049, 9057, 9076, 9113–9114, 9168, 9191, 9210, 9253, 9267, 9299, 9308, 9318, 9351, 9448, 9458–9459, 9508, 9523, 9658, 9786, 9794–9795, 9813, 9837, 9956, 10000, 10011, 10102, 10109, 10113, 10145, 10162, 10306, 10343
CELL MEMBRANE PERMEABILITY: 245–246, 248, 917, 1382, 2057, 3489, 4759, 5381, 5633, 7696, 7853, 8449, 8730, 8782, 8957, 9332, 9611, 9786, 10005
CELL MIGRATION INHIBITION: 576, 698, 936, 1680, 2751, 3285, 3312, 4615, 5246, 5863, 5894, 6668
CELL MOVEMENT: 289, 654, 822, 1448, 1679, 2724, 3062, 3381, 3426, 4519, 4615, 4946, 4983, 5599, 5806, 5913, 6124, 6247, 7118, 7378, 7470, 8086, 8110, 8182, 8410, 8912, 9658, 9874, 9908, 10015, 10037, 10177
CELL NUCLEOLUS: 3122, 6337
CELL NUCLEUS: 41, 340, 937, 974–975, 1026, 1146, 1196, 1296, 1389, 1471, 2388, 2603, 2851, 2909, 2929, 2974–2975, 3122, 3366, 3600, 3795, 3823, 3844, 4106, 4401–4402, 4554, 4981, 5558, 5667, 5723, 5900, 5975, 6540, 6602, 6673, 7539, 7673, 7748, 8573, 9109, 9216, 9240, 9316, 9570, 9712, 9851, 9953, 10010, 10226
CELL SEPARATION: 94, 406, 798, 911, 1004, 1131, 1234, 1275, 1327, 1389, 1766, 1989, 2461, 2603, 3074, 3292, 3465, 3572, 3625, 3806, 3814, 3901–3902, 3966, 4037–4038, 4145, 4587, 4615, 4907, 4987, 5405, 5480, 5677, 5875, 5975, 6116, 6177, 6213, 6571, 6582, 6687, 7093–7094, 7111, 7201, 8079–8080, 8279, 8586, 8661, 8696, 9158, 9761, 9837, 10015, 10060, 10303
CELL SURVIVAL: 340, 344, 681, 709, 723, 812, 819, 888, 1004, 1131, 1260, 1291, 1448, 1468, 1481, 1486, 1586, 1817, 1840, 1845, 1946, 2537, 2608, 2784, 3104, 3220, 3629–3630, 3661, 3895, 4223, 4488, 4554, 4987, 5100, 5149, 5381, 5403, 5635, 5684, 6042, 6108, 6124, 6174, 6371, 6399, 6532, 6582, 6687, 6774, 7163, 7263, 7334, 7374, 7628–7630, 7653, 8023, 8239, 8511, 8517, 8565, 8585–8586, 8694, 8696, 8745, 8769–8770, 9158, 9170, 9253, 9400, 9703, 9837, 10007, 10014, 10071, 10113, 10128, 10292–10293
CELL TRANSFORMATION, NEOPLASTIC: 131, 548, 854, 873, 1011, 1036, 1192, 1325, 1546, 1568, 1600, 1846, 2193, 2757, 2867, 3122, 3510, 3687, 3689, 3962, 4145, 4361, 5403, 5528, 5667, 5918, 5965, 6249, 6299, 6468, 6703, 7267, 7546, 7634–7635, 7656, 8557, 8691, 8862, 9188, 9430, 9523, 9710, 9813, 9935, 10038, 10102, 10244
CELL WALL: 876, 1608, 1976, 2111, 2117, 2209, 2426, 2457–2458, 3564, 4556, 4561, 4708, 4849, 5563, 6728, 8107, 8699, 8944, 8993, 9248, 9707
CELLS: 6107, 7491, 7793
CELLS, CULTURED: 17, 24, 59, 144, 181–182, 268, 365, 406, 511, 548, 772, 819, 822, 854, 873, 1108, 1198, 1218, 1250, 1275, 1325, 1356, 1389, 1413, 1456, 1493, 1875, 1887, 1915, 1920, 2191, 2193, 2212, 2336, 2344, 2427, 2438, 2583, 2608, 3116, 3122–3123, 3256, 3306, 3366, 3489, 3492, 3566, 3571, 3621, 3687, 3689, 3700, 3789, 3831, 3910, 4001, 4010, 4145, 4251, 4263, 4373, 4554, 4600, 4649, 4743, 4824, 4907, 5056, 5148, 5226, 5228, 5336, 5403, 5439, 5501, 5528, 5660, 5749, 5764, 5965, 5975, 6035–6037, 6177, 6185, 6295, 6299, 6369, 6371, 6479, 6495, 6532, 6646, 6690, 6725–6726, 6752, 6831, 6951, 7127, 7237, 7268, 7308, 7342, 7455, 7616, 7767, 7773, 7775, 7970, 8058, 8388, 8484, 8591, 8691, 8696, 9240, 9357, 9523, 9671, 9710, 9793, 9851, 9878, 9893, 9953, 10000, 10015, 10113, 10133, 10186, 10244–10245
CELLULAR INCLUSIONS: 3700, 3862, 6126
CELLULASE: 845, 1562, 2129, 4576, 6285, 6303, 6798
CELLULITIS: 64, 2790, 10175
CELLULOSE: 324, 476, 2241, 2417, 4999, 6089, 7057, 7061, 7175, 7810, 10352–10353
CELLULOSE, OXIDIZED: 476, 7057
CEMENTOMA: 6615
CENTRAL NERVOUS SYSTEM: 348, 1285, 1958, 3010, 5489, 5884, 5953, 7793
CENTRAL NERVOUS SYSTEM DISEASES: 567, 1488, 3035, 3798, 4831, 6248, 7390, 8520
CENTRAL VENOUS PRESSURE: 84, 8040
CENTRIFUGATION: 444, 2559, 3634, 4038, 4693, 4811, 4889, 5276, 5913, 5921, 6105, 6212–6213, 6605, 6624, 7197, 7938, 7998, 8080, 8156, 8279, 8585–8586, 8737, 9665
CENTRIFUGATION, DENSITY GRADIENT: 7, 41, 104, 945, 1186, 1682, 1761, 1823, 2283, 2884, 3465, 3519, 3681, 3785, 3844, 3909, 3994, 4436, 5292, 5323, 5405, 5657, 6087–6088, 6582, 6912, 7010, 7093–7094, 7226, 7457, 7611, 8160, 8465, 8664, 9417, 9761, 9851
CENTRIFUGATION, ISOPYCNIC: 1766, 3100, 3572
CENTRIFUGATION, ZONAL: 4905
CENTROPHENOXINE: 3810
CEPHALOMETRY: 9885, 10179
CEPHALOSPORINS: 4663, 6293, 8482
CEPHALOTHIN: 1468, 1470, 2230, 2442, 4767, 8482
CEPHAPIRIN: 8482
CERAMICS: 9977
CERAMIDES: 5370
CERCOPITHECUS: 4703
CERCOPITHECUS PYGERYTHRUS: 4998
CEREBELLAR ATAXIA: 7149, 9494
CEREBELLAR DISEASES: 102, 1692, 4184, 4543, 5929, 6017, 8300, 10114, 10164
CEREBELLAR DYSSYNERGIA: 7149
CEREBELLAR NEOPLASMS: 2480, 3553, 4538, 5298, 7584, 8300, 9157, 10164
CEREBELLOPONTILE ANGLE: 7584
CEREBELLUM: 884, 3010, 3403–3404, 4543, 6138
CEREBRAL ANEURYSM: 954, 1639, 3686, 3709, 3721, 3867, 3952, 4133, 4826, 5621, 6484, 6667, 7081, 7462, 7542, 7764, 8244, 8707, 9818–9820, 9865, 10114, 10164, 10349
CEREBRAL ANGIOGRAPHY: 381, 1145, 1404, 1859, 2102, 2321, 2549, 3018, 3721, 4034, 4161, 4177, 4630, 4927, 4984, 5392, 6167, 6484, 6678, 7993–7994, 8988, 8998, 9157, 9277, 9656, 9670, 9818, 10073, 10164, 10349
CEREBRAL ANOXIA: 1079, 2282, 3760, 4321, 5408
CEREBRAL ARTERIES: 160, 954, 1916, 2136, 2430, 3686, 3952, 3972, 4184, 4826, 6158, 6484, 7190, 7542, 7763–7764, 7887, 8550, 9656
CEREBRAL ARTERIOSCLEROSIS: 116, 405, 1535, 2136, 3060, 3972, 5074, 6224, 7887, 7976, 8738, 9630
CEREBRAL ARTERIOVENOUS MALFORMATIONS: 102, 3018, 3644, 4582, 4630, 4921, 4984, 5621, 7906, 7993
CEREBRAL ARTERY DISEASES: 183, 2343, 7081, 7353
CEREBRAL CORTEX: 1079, 1441, 3403–3404, 5722, 6255, 6786, 7180, 8926, 9393
CEREBRAL EMBOLISM AND THROMBOSIS: 116, 405, 533, 736, 1658, 1814, 1832, 1899, 2077, 2136, 2549, 2609, 2897, 3018, 3039, 3237, 3867, 3869, 4146, 4296, 4354, 4383, 4582, 4680, 5377, 5929, 6422, 6581, 6704, 6740, 7172, 7466, 7724, 7734, 7758, 7863, 7913, 8244, 8372, 8493, 9203, 9277, 9630, 9798, 9915, 10324, 10369
CEREBRAL HEMORRHAGE: 65, 95, 102, 133, 634, 736, 1639, 1646, 1814, 1859, 1934, 2102, 2194–2195, 2269, 2343, 2379, 2678, 2738, 2944, 2970, 3035, 3119, 3325, 3349, 3353, 3460, 3505, 3644, 3721, 3996, 4051, 4092, 4184, 4446, 4489, 4523, 4683, 4731, 4825, 4899, 4984, 5392, 5621, 5702, 5795, 5929, 5993, 6017, 6029, 6158, 6229, 6287, 6466, 6508, 6667, 6786, 7091, 7172, 7245, 7333, 7484, 7610, 7764, 7797, 7906, 7993, 8003, 8070, 8084, 8244, 8437, 8537, 8631, 8707, 8977, 9010, 9104, 9203, 9764, 9818, 9865, 10114, 10131, 10267
CEREBRAL ISCHEMIA, TRANSIENT: 199–201, 405, 1225, 2234, 2321, 2430, 3039, 3049, 3541, 3628, 3810, 3952, 4321, 4509, 4683, 4715, 5377, 6436, 6667, 6903, 7139, 7191, 7724, 8526, 8707, 8770, 8893, 9179, 9203, 9277, 9630, 9901, 9915, 9931, 10081, 10349
CEREBRAL VENTRICLE NEOPLASMS: 5987
CEREBRAL VENTRICLES: 3505, 4092
CEREBROSPINAL FLUID: 2282, 3546, 3868, 6701, 7415, 10349

CEREBROSPINAL FLUID PROTEINS: 6701
CEREBROSPINAL FLUID SHUNTS: 5057, 6702, 8029
CEREBROSPINAL RHINORRHEA: 2102
CEREBROVASCULAR CIRCULATION: 274, 482, 1355, 1877, 2051, 3810, 3867, 3952, 3996–3997, 4582, 5258, 5354, 5702, 7245, 7415, 7462, 7668, 7762–7763, 8707, 9179
CEREBROVASCULAR DISORDERS: 120, 238, 700, 954, 969, 1225, 1242, 1658, 1780, 1997, 2136, 2234, 2295, 2779, 2802, 3039, 3097, 3234, 3334, 3408, 3473, 3540, 3549, 3627, 3810, 3935, 3972, 4463, 4477, 4683, 4927, 5061, 5071, 5115, 5287, 5303, 5329, 5453, 5562, 5746, 6140, 6436, 6593, 6908, 7172, 7245, 7334, 7353, 7542, 7621, 7704, 7898, 8008, 8407, 8493, 8500, 8707, 8727, 8770, 8998, 9041, 9203, 9374, 9538, 9561, 9631, 9805, 9901, 10104
CERULOPLASMIN: 2658, 3245, 5736, 6408, 6907, 7847, 8066
CERVICAL RIB SYNDROME: 487, 6093
CERVICAL VERTEBRAE: 2723, 4015, 4989, 8143
CERVIX DISEASES: 2575
CERVIX MUCUS: 8074, 8086, 8088, 8112
CERVIX NEOPLASMS: 455, 2119, 3147, 5226, 6495, 6984, 7425, 7674, 8156, 9395
CERVIX UTERI: 24, 4175, 4739, 5226
CESAREAN SECTION: 247, 2327, 2684, 3939, 4139, 4741, 4994, 5078, 5565, 5654, 6275, 6456, 8040, 8047, 8153
CESIUM: 154, 5553, 5635
CESIUM RADIOISOTOPES: 802, 3746
CETACEA: 2033, 6988, 7900–7901
CETYLPYRIDINIUM: 5763
CHALCONE: 7090
CHALONES: 4001, 5629, 9635
CHARCOAL: 515, 1421, 3031, 3551–3552, 3809, 3858, 5274, 5441, 6088, 6634, 8053, 9747, 10001
CHEDIAK–HIGASHI SYNDROME: 1084, 1794, 3302, 4044, 9806, 9908
CHEEK: 8431
CHEESE: 8138
CHELATING AGENTS: 1812, 3796, 3966, 5616, 6052, 7892, 8053, 9491
CHEMICAL WARFARE AGENTS: 6144
CHEMISTRY: 88, 153, 340, 493, 564, 578, 627, 664, 732, 747, 841, 853, 896, 948–949, 999, 1403, 1695, 1751, 1830, 1949, 2248, 2389–2390, 2483, 2488, 2498, 2560, 2573, 2577, 2892, 3165, 3222, 3236, 3339, 3379, 3745, 3785, 3788, 3839, 4110, 4171, 4181, 4303, 4474, 4494, 4518, 4528, 4680, 4690, 4695, 4748, 4780, 4941, 5043, 5126, 5306, 5317, 5329, 5420, 5454, 5588, 5612–5613, 5946, 6058, 6079, 6113, 6207, 6232, 6260, 6372, 6379, 6406, 6442, 6606, 6720, 6848, 6924, 6988, 7051, 7209, 7414, 7417, 7597, 7616, 8118, 8131, 8236, 8281, 8442–8444, 8465, 8674, 8693, 8802, 8823, 8839, 8885, 8895, 8900, 8925, 8959, 9032, 9073, 9081, 9186, 9196, 9232, 9279, 9283–9284, 9361, 9404, 9416, 9491, 9516, 9621, 9708, 9713, 9814, 9917, 9929, 9983, 9998, 10120–10122, 10125, 10208, 10317
CHEMISTRY, ANALYTICAL: 5378, 7422
CHEMISTRY, CLINICAL: 5177, 5378, 8574
CHEMISTRY, ORGANIC: 3703, 4392
CHEMISTRY, PHARMACEUTICAL: 3926, 9175, 9282
CHEMISTRY, PHYSICAL: 41, 61, 1348, 1622, 2057, 2651, 3863, 3872, 5914, 7933, 8824, 9366, 9671, 9817, 9939
CHEMORECEPTORS: 5047, 5052, 8659
CHEMOTAXIS: 356, 1642, 2784, 3302, 3973, 7341, 7699, 7744, 7864, 9908
CHEMOTAXIS, LEUKOCYTE: 378, 918, 1996, 3212, 3691, 3794, 4431, 4615, 5388, 5677, 6247, 7026, 7118, 7345, 7684, 7864, 8110, 9749
CHENODEOXYCHOLIC ACID: 10344
CHICK EMBRYO: 131, 701, 813, 873, 1137, 1275, 1356, 1389, 1413, 2086, 2309, 3806, 4441, 4530, 4649, 4784, 4907, 5014, 5185, 5372, 5485, 5749, 6092, 6249, 6304, 6351, 6848, 7455, 7970, 8005, 8110, 8881, 9357, 9732, 10014–10015, 10244, 10248, 10393
CHICKEN SARCOMA VIRUS B77: 6249
CHICKENPOX: 4419
CHICKENS: 32, 437, 650, 666, 693, 701, 713, 828, 899, 1147, 1310, 1563, 1587, 1895, 2043, 2181, 2603, 2763, 3029, 3217, 3480, 3661, 3699, 3823, 4261, 4673, 4705, 4885, 4955, 5091, 5452, 5461, 5471, 5747, 5752–5753, 6052–6053, 6256, 6402, 6442, 6517–6518, 6647, 6961, 7020, 7223, 7323, 7476, 7590, 7915, 7929, 8390, 8451, 8609, 8670, 8910, 9077, 9466–9469, 9544, 9744, 9789, 9839
CHILD: 23, 27, 81, 108–109, 114, 134, 136, 155, 162–163, 174, 187, 252, 270–271, 276, 278–279, 311–312, 320, 329–330, 342, 397, 400, 427, 513, 534, 543, 556, 614, 616, 644, 646, 658–659, 677, 689, 694, 745, 756, 781, 809, 839, 843, 850, 907, 964, 971, 1031, 1046, 1073, 1085, 1140, 1149, 1208, 1219, 1236–1237, 1319, 1342, 1350, 1370–1371, 1378, 1381, 1405, 1459, 1489, 1506, 1565, 1570, 1583, 1596, 1621, 1686, 1700, 1732, 1752, 1782, 1818, 1822, 1848, 1859, 1872, 1881, 1908, 1912, 1914, 2015, 2018, 2032, 2047, 2084, 2116, 2119, 2154, 2180, 2213, 2244, 2252, 2264, 2297, 2320, 2328, 2335, 2348, 2353–2355, 2361, 2392, 2406, 2408, 2421, 2442, 2472, 2477, 2479–2480, 2503–2505, 2507–2508, 2518, 2524, 2528–2529, 2541, 2554, 2571, 2576, 2589, 2599, 2640, 2660, 2714, 2743, 2745, 2783, 2790, 2818, 2836, 2864, 2866, 2920, 2933, 3086, 3119, 3182, 3196, 3216, 3218, 3220–3221, 3231, 3266, 3275, 3291, 3305, 3319–3321, 3377, 3448, 3460, 3463, 3466, 3469, 3485, 3504, 3514, 3525, 3536, 3567, 3574, 3576, 3580, 3630, 3677, 3690–3691, 3705, 3764, 3784, 3798, 3829, 3834, 3849, 3897, 3906, 3915, 3930, 3943, 3950, 3983, 3993, 4019, 4021, 4042, 4051, 4077, 4092, 4097, 4107, 4123, 4129, 4131–4132, 4155, 4161, 4163, 4189, 4193, 4195, 4204, 4232–4233, 4289, 4298, 4301, 4321, 4326–4327, 4340, 4347–4348, 4385, 4428, 4430, 4451, 4457, 4480, 4493, 4504, 4517, 4523, 4533, 4550, 4552, 4570, 4622, 4630, 4643, 4656–4657, 4666, 4685, 4717, 4731, 4740, 4746, 4773, 4804–4805, 4820, 4824, 4827, 4831, 4846, 4888–4889, 4892, 4899, 4911, 4921, 4937, 4957, 4968, 4984, 4990, 5024, 5030, 5039, 5057, 5083, 5090, 5120, 5168, 5273, 5286, 5348, 5356, 5374, 5376, 5390, 5400, 5419, 5446, 5462, 5474, 5516, 5578, 5586–5587, 5605, 5614, 5625, 5634, 5646, 5662, 5671, 5726, 5733, 5791, 5797, 5831–5832, 5846, 5861, 5883, 5893, 5923, 5952, 5958, 5965, 5972–5973, 6017, 6029, 6041, 6045, 6047, 6050, 6058, 6094, 6126, 6149, 6166–6168, 6197, 6201, 6215, 6227, 6287, 6324, 6326, 6354, 6358–6359, 6376, 6381, 6397, 6399, 6411, 6417, 6433, 6458, 6491, 6494, 6502, 6529, 6535, 6539–6540, 6543, 6550, 6558, 6562, 6565, 6573, 6590, 6607, 6660–6661, 6727, 6730, 6839, 6874, 6906–6908, 6914, 6942, 6954, 6997, 7019, 7021, 7024, 7098, 7132, 7178, 7215, 7221, 7233, 7247, 7251, 7259, 7261, 7280, 7287, 7328, 7349, 7376, 7384–7385, 7408, 7413, 7480, 7482, 7487, 7577–7578, 7603, 7617, 7630, 7642, 7665, 7688, 7741, 7754–7755, 7757, 7817, 7828, 7876, 7887, 7906, 7931, 7941, 7994, 8008, 8013, 8028, 8031, 8065, 8097–8098, 8105, 8108, 8128–8129, 8146, 8161, 8165, 8183, 8191, 8211, 8221, 8258, 8269, 8317, 8342–8343, 8380, 8416, 8475, 8485, 8498–8499, 8513, 8519, 8535, 8548, 8672, 8681–8682, 8718, 8722, 8725, 8740, 8783–8784, 8786, 8793, 8913, 8922, 8960–8962, 8965–8966, 8995, 9006, 9034, 9059, 9062, 9067–9069, 9145, 9149, 9167, 9200–9201, 9235, 9272, 9293, 9320, 9325, 9339, 9379, 9397, 9400, 9420, 9439, 9494, 9510, 9521, 9566–9567, 9606, 9613, 9615, 9678, 9681, 9737, 9767, 9801–9802, 9810, 9822, 9856, 9862, 9872, 9875–9876, 9910, 9962, 9970, 9986, 9993, 10003–10004, 10064, 10078, 10088, 10112, 10114, 10116, 10144, 10169, 10201, 10205, 10207, 10240, 10242, 10256, 10260, 10273, 10275, 10295, 10298, 10305, 10337, 10385, 10391
CHILD ABUSE: 616, 9320, 9831, 10144
CHILD BEHAVIOR: 2180
CHILD DEVELOPMENT: 8786
CHILD GUIDANCE: 2180
CHILD NUTRITION: 7617, 10179
CHILD, PRESCHOOL: 23, 114, 134, 164, 174, 187, 270–271, 279, 329, 342, 556, 639, 658, 756, 781, 839, 907, 953, 971, 1029, 1085, 1095–1096, 1140, 1158, 1219, 1236, 1370–1371, 1378–1379, 1381, 1569–1570, 1583, 1596, 1686, 1693, 1782, 1822, 1859, 1872, 1908, 2032, 2047, 2116, 2119, 2156, 2244, 2264, 2320, 2348, 2354, 2392, 2408, 2480, 2503, 2507–2508, 2529, 2553–2554, 2571, 2576, 2599, 2660–2661, 2743, 2783, 2818, 2836, 2864, 2873, 3113, 3182, 3220, 3266, 3275, 3305, 3321, 3377, 3396, 3466, 3469, 3506, 3514, 3523, 3536, 3592, 3642, 3644, 3677, 3691, 3784, 3828, 3834, 3849, 3897, 3915, 3943, 3950, 3983, 4019, 4022, 4042, 4077, 4107, 4123, 4132, 4174, 4189, 4232–4233, 4289, 4300–4301, 4326, 4340, 4347, 4411, 4430, 4457, 4493, 4504, 4517, 4550, 4552, 4570, 4643, 4657, 4666, 4691, 4717, 4731, 4740, 4744, 4752, 4756, 4769, 4795, 4824, 4831, 4846, 4888, 4899, 4901, 4911, 4957, 4968, 4990, 4995, 5017, 5030, 5057, 5090, 5205, 5265, 5294, 5348, 5373, 5376, 5400, 5419, 5446, 5586–5587, 5594, 5605, 5631, 5634, 5662, 5689, 5738, 5750, 5791, 5795, 5828, 5831–5833, 5972–5973, 6029, 6045, 6050, 6167–6168, 6176, 6201, 6204, 6324, 6354, 6358–6359, 6376, 6397, 6399, 6417, 6433, 6458, 6466, 6494, 6502, 6519, 6529, 6540, 6550, 6565, 6573, 6579, 6590, 6661, 6702, 6727, 6839, 6874, 6899, 6908, 6942, 6959, 6997, 7021, 7227, 7233, 7251, 7261, 7278, 7328, 7354, 7408, 7463, 7480, 7553, 7577–7578, 7603, 7617, 7630, 7665, 7755, 7887, 7926, 8013, 8028, 8065, 8105, 8128, 8146, 8163, 8191, 8211, 8221, 8234, 8342–8343, 8416, 8488, 8498–8499, 8537, 8548, 8682, 8718, 8772, 8847, 8960, 8962, 8966–8967, 8986, 9034, 9067, 9124, 9127, 9167, 9221, 9258, 9320, 9325, 9439, 9494, 9507, 9521, 9681, 9722, 9737, 9767, 9802, 9822, 9856–9857, 9862, 9910, 9978, 10003, 10064, 10088, 10116, 10179, 10207, 10235, 10256, 10260, 10273, 10275
CHIMERA: 382, 10185
CHIMPANZEES: 142
CHIN: 1861
CHINCHILLAS: 2082, 2493, 9536
CHIROPRACTIC: 615
CHIROPTERA: 6798
CHITIN: 3954, 5568, 7841–7842

CHITIN SYNTHASE: 5568, 7841–7842
CHITINASE: 423, 4576
CHLAMYDIA PSITTACI: 1351
CHLAMYDOMONAS: 495, 2183, 3743, 8094–8095
CHLORAL HYDRATE: 4336
CHLORAMBUCIL: 634, 1878, 2767, 4138, 5692, 5776, 8501
CHLORAMINES: 5297, 8780
CHLORAMPHENICOL: 34, 58, 280, 741, 876, 1782, 2006, 2442, 3430, 3611, 7637, 7745, 7752, 8317, 9480, 9716, 10035
CHLORANIL: 5946
CHLORATES: 6394
CHLORDIAZEPOXIDE: 515, 1474, 4724–4725, 7733, 9518
CHLORELLA: 4142
CHLORIDE PEROXIDASE: 4815
CHLORIDES: 154, 1360, 1963, 3601, 3811, 5235, 5695, 6086, 6496, 6778, 6904, 9147, 9366, 9438, 9470–9471
CHLORIMIPRAMINE: 2025, 2385, 4437, 7840, 9347, 9948–9949
CHLORINE: 8302
CHLORMADINONE: 1113, 9304
CHLORMERODRIN: 8750
P-CHLOROAMPHETAMINE: 2025
CHLOROBENZENES: 8428
CHLOROBENZOATES: 7609
CHLOROFORM: 6339, 6851, 8322, 9836
CHLOROHYDRINS: 8882
CHLOROMERCURIBENZOATES: 99, 287, 1792, 2854, 5036, 6541, 7476, 8032, 8418
CHLOROMERCURIPHENYLSULFONATE: 1299, 7975, 9488
CHLOROPHENOLS: 8428
P-CHLOROPHENYLALANINE: 6576
CHLOROPHYLL: 495, 2842, 9750
CHLOROPLASTS: 495, 2183, 3670, 6636, 7569, 8768, 8952
CHLOROQUINE: 1416, 1494, 6032, 6036
CHLORPHENIRAMINE: 1870, 5982
CHLORPROMAZINE: 310, 399, 515, 555, 606, 633, 846, 1064, 1238, 1258, 1387, 1540, 2432, 2849, 3172, 4879, 5225, 5989, 6098, 7035, 7037, 7118, 7143, 7175, 7733, 7840, 8378
CHLORPROPAMIDE: 1856, 3611
CHOLAGOGUES AND CHOLERETICS: 1562, 9836
CHOLANGIOGRAPHY: 1524, 1615, 6318, 7967–7968, 8776, 9836
CHOLANGIOMA: 1102, 7351, 8055, 8754, 9616, 10369
CHOLANGITIS: 2116, 5397, 8263, 9047, 10242
CHOLECALCIFEROLS: 4303, 5782
CHOLECYSTECTOMY: 5827, 5855, 6315, 6661, 7967, 8084, 9173
CHOLECYSTITIS: 2907, 5254, 8876, 10242
CHOLECYSTOKININ: 346–347, 1099, 1119, 1886, 2165, 2817, 2848, 3198, 3319, 3618, 4623–4624, 4908, 5198, 5627, 5699, 6189, 7510, 7790, 8150, 8771, 9387
CHOLELITHIASIS: 2170, 2308, 3619, 6379, 6958, 7967, 8776, 9440, 9780, 9836, 10344
CHOLESTADIENOLS: 3429
CHOLESTASIS: 37, 310, 1242, 1307, 1372, 3668, 4618, 5397, 7816, 7967, 8876, 9836, 9905
CHOLESTEATOMA: 2040, 3896, 8307
CHOLESTENES: 7519
CHOLESTEROL: 62, 106, 203, 234, 257, 307, 324, 420, 484, 501, 641, 681, 693, 720, 893, 930, 1007, 1193, 1337, 1491, 1500, 1744, 1759, 1764, 1777, 2073, 2082, 2255, 2331, 2342, 2359, 2377, 2401, 2465, 2473, 2643, 2646, 2689, 2769, 2831, 2976, 3127, 3156, 3244, 3310, 3417, 3429, 3518, 3572, 3617, 3619, 3707, 3723, 3863, 4164, 4260, 4373, 4476, 4618, 4633, 4672, 4880, 4885, 4998–5000, 5066, 5093, 5137, 5197, 5305, 5352, 5556, 5561, 5764, 5782, 5885, 5970, 6048, 6083, 6089, 6114, 6224, 6300, 6302, 6534, 6652–6653, 6659, 6709, 7183, 7235, 7279, 7322, 7347, 7438, 7467, 7512, 7519, 7565, 7668, 7671, 7743, 7771, 7776, 7782, 8006, 8066, 8247–8248, 8252, 8371, 8379–8380, 8540, 8610–8611, 8722, 8949, 9333, 9469, 9576, 9705, 9725–9726, 9755, 9836, 10160, 10178, 10262–10263
CHOLESTEROL ACYLTRANSFERASE: 2825, 4008, 9755
CHOLESTEROL, DIETARY: 230, 306, 1007, 1777, 1993, 2255, 2769, 3117, 3286, 3385, 4008, 4633, 4668, 5000, 5041, 5194, 5885, 5970, 6196, 7154, 7164, 7438, 7771, 8371, 9260, 9467–9469, 9846, 10017–10018, 10160, 10178, 10263
CHOLESTEROL ESTERASE: 4008, 4476
CHOLESTEROL ESTERS: 720, 1337, 2377, 2465, 2643, 3310, 3863, 4476, 4885, 6659, 6709, 7382, 7771, 7782, 8006, 9609
CHOLESTYRAMINE: 37, 116, 2679, 7175, 7388, 10017
CHOLIC ACIDS: 1615, 3590, 3619, 6379, 6729, 7695, 9836, 9914
CHOLINE: 241, 2625, 4509, 5563, 7719, 8670
CHOLINE ACETYLTRANSFERASE: 1079, 1619, 7769
CHOLINESTERASE INHIBITORS: 4775, 5469, 8417
CHOLINESTERASE INHIBITORS, REVERSIBLE: 5469
CHOLINESTERASES: 1243, 4541, 4547, 5469, 5804, 7596, 8232, 8417, 8502, 8834, 10348
CHONDROCALCINOSIS: 4327
CHONDRODYSTROPHIA CALCIFICANS CONGENITA: 1717
CHONDROITIN: 815, 4356, 6577, 7936
CHONDROITIN SULFATES: 359, 385, 815, 1645, 1785, 1880, 3123, 3386, 3683, 4761, 5156, 5269, 5829, 6118, 6253, 6284, 6351, 6523, 6577, 6891, 7113, 7896, 8042, 8164, 8910, 9099, 9350, 9523, 10208, 10296
CHONDROITINASES: 6831, 8610
CHONDROITINSULFATASE: 7827
CHONDROMA: 1330, 3596, 5538, 8874
CHONDROSARCOMA: 6959, 8547, 10010
CHORDOMA: 9986
CHOREA: 6149, 8288
CHORIOADENOMA: 634
CHORIOCARCINOMA: 402, 634, 5436, 9456
CHORION: 2072, 2558, 6629, 6949
CHORISMIC ACID: 3079
CHORISTOMA: 2514
CHOROID: 7533, 7776, 7876–7877, 8419–8420, 8677
CHOROID NEOPLASMS: 996, 3906, 3995, 4293, 4616, 6018, 7595, 8419–8420, 8677
CHOROID PLEXUS: 2086, 4957
CHRISTMAS DISEASE: 81, 114, 121, 123, 136, 460, 780, 785, 839, 890, 1085, 1371, 2511, 2718, 2839, 2844, 3035, 3140, 3717, 3736, 3873, 3915, 3969, 4181–4182, 4247, 4298, 4445, 4549, 4838, 4892, 4990, 5039, 5418, 5638, 5834, 6005, 6192, 6660–6661, 6896, 7666, 7919, 7947, 8096, 8709, 8947, 9198, 9242, 9336, 10142, 10225
CHROMATIN: 828, 937, 1026, 1296, 1426, 1471, 1532, 1673, 2388, 2909, 3823, 3844, 4562, 4734, 4941–4942, 4955–4956, 4981, 5461, 5492, 5667, 5900, 6207, 7226, 7896, 8619, 8658, 8720, 9117, 9929–9930, 9953
CHROMATIUM: 3669
CHROMATOGRAPHY: 33, 386, 391, 1316, 1849, 2293, 2574, 2627, 2853, 3108, 6670, 9196, 9649
CHROMATOGRAPHY, AFFINITY: 189, 213, 354, 441, 535, 580, 592, 661, 704, 881, 930, 1118, 1293, 1316, 1450–1451, 1472, 1609, 1654, 1682, 1710, 1751, 1917, 2448, 2772, 2829, 2844, 2846, 2852, 2879, 2910, 3116, 3357, 3397, 3534, 3695, 3789, 3804, 3967, 4206, 4279, 4294, 4353, 4371, 4542, 4636, 4732–4733, 4767, 4793, 4859–4860, 4884, 4938, 5321, 5626, 5667, 5680, 5976, 6010, 6054, 6246–6247, 6302, 6313, 6373, 6457, 6522, 6689–6690, 6807, 6813, 6841, 7104, 7170, 7236, 7327, 7639, 7908, 8006, 8075, 8082, 8113, 8391, 8415, 8539, 8589, 8635–8636, 8641, 8759, 8789–8790, 8945, 9070, 9115, 9139, 9197, 9281, 9318, 9505, 9530, 9692, 9938, 9960, 9997, 10066, 10118, 10152–10153
CHROMATOGRAPHY, AGAROSE: 198, 580, 1185, 1887, 2691, 2858, 3326, 5292, 5480, 7051, 7611, 8915, 9586
CHROMATOGRAPHY, DEAE-CELLULOSE: 326, 1472, 2127, 2263, 2294, 2458, 2627, 2754, 3374, 3533–3534, 3635, 3909, 4512, 4545, 4591, 5623, 5685, 5845, 5897, 6831, 7892, 7908, 8415, 8915, 9115, 9308, 9702
CHROMATOGRAPHY, GAS: 44, 439, 820, 841, 896, 1452, 1921, 2685, 2806, 3315, 3891, 4014, 6143, 6781, 7110, 8283
CHROMATOGRAPHY, GEL: 125, 134, 213, 378, 490, 517, 537, 587, 661, 698, 877, 879, 1097, 1162, 1316, 1347, 1394, 1507, 1549, 1560, 1609, 1630, 1655, 1694, 1698, 1710, 1721, 1903, 2127, 2211, 2263, 2283, 2294, 2368, 2458–2459, 2559, 2691, 2754, 2805, 2885–2886, 2892, 3145, 3259, 3304, 3316, 3374, 3534, 3635, 3788, 3853, 3909, 3916, 3940, 4212, 4294, 4338, 4357, 4412, 4427, 4545, 4578, 4763, 4933, 4938, 5147, 5292, 5315, 5405, 5427, 5480, 5577, 5632, 5980, 6088, 6190, 6313, 6339, 6372, 6385–6386, 6432, 6457, 6669, 6690, 6807, 6831, 6850, 6881, 6911, 6915, 6999, 7077, 7104, 7131, 7163, 7282, 7342, 7373, 7497, 7537, 7557, 7659, 7914, 7938, 7985, 8281, 8430, 8465, 8780, 8790, 8801, 8925, 8953, 8997, 9077, 9136, 9248, 9250, 9256, 9404, 9508, 9671, 9891, 9938, 9991, 10000, 10011, 10042, 10066, 10085, 10123, 10184, 10187
CHROMATOGRAPHY, HIGH SPEED LIQUID: 889, 1340, 2428, 2555, 4724–4725, 7391, 8102, 8916, 9517, 10054
CHROMATOGRAPHY, ION EXCHANGE: 447, 493, 661, 1245, 1293, 1316, 1599, 1721, 2710, 2805, 2829–2830, 2844–2845, 3026, 3488, 3620, 3916, 4212, 4412, 4556, 4763, 5315, 5427, 5525, 5626, 5826, 5936, 6088, 6385, 6518, 6547, 6717, 6850, 6999, 7051, 7282, 7373, 7444, 7475, 7985, 8481, 8866, 9289, 9529, 9703, 9891, 10184
CHROMATOGRAPHY, LIQUID: 44, 439, 820, 9786
CHROMATOGRAPHY, PAPER: 125, 226, 2458, 5293, 6442, 6989, 8316, 8481, 8640, 8649, 9217, 9249, 10209
CHROMATOGRAPHY, THIN LAYER: 431, 439, 820, 1445, 2121, 2143, 2285, 2290, 3315, 3891, 4635, 4735, 4938, 5135, 5266, 5293, 5437, 5556, 6649, 7659, 9358, 9517, 9920, 9990
CHROMIUM ISOTOPES: 6124, 9549
CHROMIUM RADIOISOTOPES: 263, 454, 794, 888, 1197,

1634, 1956, 2303, 2469, 3601, 5341, 6242, 7209, 7629, 8059, 9158, 9240, 9262
CHROMOBACTERIUM: 2515
CHROMONAR: 315, 1539, 3852, 7813, 7848, 7946
CHROMOSOMAL PROTEINS, NON-HISTONE: 1673, 3215, 5826, 6673, 9746, 9748
CHROMOSOME ABERRATIONS: 17, 340, 1292, 1341, 2491, 4400, 4709, 4713, 4740, 4743, 5223, 8238, 8646, 8704, 9555, 9910
CHROMOSOME ABNORMALITIES: 3662, 4873, 5607, 7019, 7379
CHROMOSOME DELETION: 2491, 7593
CHROMOSOME MAPPING: 1148, 1292, 2622, 3351, 4288, 4400, 4635, 5658–5659, 7012, 8405, 8787, 9825
CHROMOSOMES: 1, 81, 340, 1178, 2254, 2961, 3068, 3265, 3578, 4954, 5403, 5524, 7094, 7226, 8061, 8268, 8405
CHROMOSOMES, BACTERIAL: 8787
CHROMOSOMES, HUMAN, 1–3: 1292, 4400
CHROMOSOMES, HUMAN, 4–5: 8646
CHROMOSOMES, HUMAN, 13–15: 964, 7019
CHROMOSOMES, HUMAN, 16–18: 9623
CHROMOSOMES, HUMAN, 19–20: 5658–5659
CHROMOSOMES, HUMAN, 21–22: 652, 1341, 3424, 8594, 8704, 9910
CHRONIC DISEASE: 31, 81, 162, 225, 241, 278, 298, 342, 435, 466, 488, 676, 692, 737, 778, 938, 1039, 1082, 1110, 1215, 1236, 1313, 1357–1358, 1360, 1819, 1974, 1990, 2036–2037, 2056, 2059, 2076, 2098, 2164, 2168, 2234, 2351, 2422, 2445, 2468, 2472, 2529, 2622, 2633, 2645, 2739, 2752, 2766, 2793, 2796, 2812, 2907, 3032, 3059, 3124, 3137, 3229, 3331, 3362–3363, 3432, 3467, 3632, 3672, 3819, 3876, 3896, 3908, 3917, 4032, 4058, 4094, 4107, 4193, 4205, 4216–4217, 4340, 4408, 4479, 4496, 4594, 4666, 4685, 4692, 4742, 4834, 4899, 4931, 4961, 4971, 5064, 5147, 5182, 5185, 5277, 5363, 5491, 5511–5512, 5627, 5634, 5820–5821, 5860, 6074, 6165, 6189, 6203, 6399, 6449, 6451, 6618, 6702, 6741, 6762, 6784, 6858, 6882, 6899, 6934, 6940, 6952, 6979, 6982, 7003, 7023, 7038, 7178, 7274, 7331, 7354, 7375, 7404, 7463, 7511, 7881, 7884, 7910, 8010, 8167, 8196, 8242, 8252, 8267, 8341, 8416, 8572, 8629, 8651, 8665, 8783, 8818, 8845, 8855, 8930, 9091, 9144, 9235, 9262, 9311, 9323, 9339, 9349, 9539, 9573, 9618, 9624, 9681, 9684, 9705, 9854, 9919, 10258, 10304
CHYLE: 4926, 8154
CHYLOMICRONS: 1319, 2632, 2920, 3388, 3448, 3660, 5120, 5475, 5969, 6083, 6659, 6842, 7771, 8247–8250, 8584, 8714, 10262
CHYMOPAPAIN: 1060–1061, 1741, 2273, 2723, 2978, 3964, 4226, 4484, 4507, 5470, 5676, 5739, 5971, 8231
CHYMOTRYPSIN: 4, 22, 43, 92, 101, 165, 189, 192, 366, 410, 412, 441, 462, 592, 601–602, 622–624, 661, 728, 763, 773, 800, 802–803, 811, 818, 856, 861–862, 866–867, 924, 928, 938, 940, 995, 1041–1042, 1068, 1074, 1119, 1148, 1157, 1172–1173, 1188, 1274, 1322, 1372, 1391, 1408, 1464, 1520, 1571, 1584, 1598, 1636, 1643, 1719, 1751, 1886, 1889, 1892, 1903, 1916, 2089, 2181, 2198, 2272, 2293, 2304, 2356–2357, 2410, 2651, 2668, 2749, 2759, 2852–2853, 2903, 3020, 3023, 3027–3029, 3036, 3054, 3071, 3109, 3223–3224, 3276–3277, 3319, 3331, 3364, 3379, 3394, 3420, 3446, 3477, 3480, 3519, 3590, 3597, 3653, 3669, 3711, 3745, 3801, 3877, 3911–3912, 3925, 4001, 4028, 4062, 4065, 4108, 4112, 4116, 4137, 4157, 4198, 4214, 4261, 4263–4264, 4279, 4294, 4378, 4392, 4406, 4412–4414, 4418, 4494, 4515, 4539, 4542, 4623–4624, 4638–4639, 4646, 4655, 4695, 4703, 4735, 4759, 4786–4788, 4796, 4836, 4863, 4877, 4880, 4898, 4910, 4914, 4917, 4943, 5079, 5087, 5105, 5145, 5147, 5204, 5208, 5235, 5296, 5321, 5337, 5411, 5439, 5473, 5553, 5615, 5617, 5648, 5723–5724, 5747, 5780, 5793, 5797, 5805, 5813–5814, 5900, 5977, 5991, 6023, 6084, 6095, 6119, 6137, 6170, 6189, 6260, 6277, 6320, 6322, 6349, 6372, 6405, 6439, 6461, 6467, 6480, 6488, 6517, 6539, 6547, 6600, 6679, 6686, 6760, 6763, 6809–6810, 6812–6814, 6826, 6846, 6871, 6881, 6891, 6893, 6898, 6904, 6907, 6991, 7014, 7074, 7077, 7101, 7149, 7262, 7274, 7304, 7310, 7431–7432, 7455, 7510, 7516, 7524, 7599–7600, 7607, 7638, 7684, 7686, 7700, 7703, 7769, 7794, 7796, 7811, 7899, 7918, 7933, 7955, 7977, 7988, 8004, 8060, 8074–8075, 8121, 8141, 8159, 8194–8195, 8236, 8339, 8389–8390, 8427–8428, 8513, 8521, 8529, 8532, 8599, 8658, 8693, 8696, 8721, 8826, 8864, 8870, 8873, 8883, 8885, 8937, 9031, 9033, 9053, 9074, 9103, 9116, 9118, 9126, 9136, 9160, 9217, 9269, 9283–9284, 9290, 9306, 9372, 9381, 9383, 9387, 9414, 9461, 9463, 9474, 9492, 9502, 9560, 9621–9622, 9647, 9687, 9759, 9778–9779, 9823, 9852, 9854, 9906, 9917, 9926, 9939, 9960, 9990–9991, 9998, 10012, 10039, 10046, 10076, 10099, 10147, 10181, 10209, 10265–10266, 10286
CHYMOTRYPSINOGEN: 727, 802, 866, 1016–1017, 1517, 2449, 2488, 3171, 3986, 4542, 4646, 4695, 4910, 4951, 5337, 7077, 7524, 7789–7790, 8236, 8693, 8771, 8873, 9190, 10280
CICATRIX: 551, 2479, 2902, 4055, 4616, 5335, 5682, 6367, 7123, 9894
CILIA: 211, 7404, 7768, 8137
CILIATA: 3879
CINCHOPHEN: 186
CINEANGIOGRAPHY: 415, 4186, 4856, 6792
CINERADIOGRAPHY: 882
CINNAMATES: 422, 3054, 3277, 5617, 8532, 8640
CINNARIZINE: 8727
CIRCADIAN RHYTHM: 401, 3301, 3978, 5813, 5989–5990
CIRCULAR DICHROISM: 202, 578, 797, 799, 828, 897, 941, 1194, 1663, 1815, 2556, 2686, 2877, 3025, 3480, 3916, 4173, 4240, 4584, 4638, 4646, 4696, 4801, 5268, 5424, 5461, 6137, 6577, 6729, 7304, 7432, 8552, 8701, 8814, 8838–8839, 9633, 9984, 10154, 10159, 10229–10230
CIRCUMCISION: 4010
CISTERNA MAGNA: 3546
CITRACONIC ACID: 578
CITRACONIC ANHYDRIDE: 1394, 6079, 9049
CITRATE SYNTHASE: 5401, 6361
CITRATES: 93, 318, 590, 600, 744, 904, 1218, 1368, 1845, 1978–1979, 1981, 1983–1985, 1994–1995, 2306, 2534, 2772, 2901, 2969, 3136, 3421, 3465, 3474, 3797, 4037, 4102, 4149, 5126, 5165, 5645, 5847, 6072, 6108, 6123, 6200, 6212–6214, 6836, 6852, 6933, 7444, 7461, 7696, 7779, 7997, 8053, 8361, 8392, 8499, 8510, 8585, 8587, 9479, 9584, 9751, 9832, 10292–10293
CITROVORUM FACTOR: 6665, 8835, 9456
CLADOSPORIUM: 4485
CLAMS: 5501, 10191
CLASSIFICATION: 4043
CLAVICLE: 1662, 2571, 8672, 9827
CLEFT LIP: 2064
CLEFT PALATE: 2064
CLIDINIUM COMPOUNDS: 1474
CLIMACTERIC: 1288, 5270, 5690, 7297, 8303, 8850, 9440
CLINDAMYCIN: 8219, 8317
CLOFIBRATE: 116, 120, 930, 1431, 1865, 2013, 2083, 2467, 2679, 2931, 3389, 3628, 3888, 4083, 5133, 6652, 7175, 7183, 7235, 7343, 7668, 7722, 7949, 8215, 8450, 8714, 9600–9601, 9609, 10178, 10270
CLONE CELLS: 693, 1690, 2176, 2438, 3092, 3306, 3371, 5717, 7009, 7076, 7361, 7826, 8733, 10010, 10038
CLONIDINE: 3182, 5260
CLORGYLINE: 5921
CLOSTRIDIOPEPTIDASE A: 158, 375, 406, 572, 768, 945, 981, 1817, 1879, 2171, 2347, 2448, 2533, 2980, 3074, 3116, 3178, 3806, 3911, 3989, 4541, 4545, 4589, 4605, 4651, 5056, 5347, 5439, 5523, 5616, 5660, 5975, 6341, 6367, 6539, 6687, 6718, 6763, 6807, 6811–6812, 6926, 7118, 7590, 8304, 8433, 8610, 8808–8809, 8866, 9301, 9443, 9531, 9710, 9837, 9893, 10031–10032, 10135, 10357
CLOSTRIDIUM: 2272, 2448, 5766, 9081, 9301, 10156
CLOSTRIDIUM BOTULINUM: 2367, 6515, 6803
CLOSTRIDIUM INFECTIONS: 8092, 8590
CLOSTRIDIUM PERFRINGENS: 1512, 4214, 6718, 6900, 8002, 8426, 8590, 9250
CLOT RETRACTION: 106, 199, 555, 654, 1049, 1077, 1553, 1592, 1665, 2193, 2212, 2297, 2551, 3802, 4647, 4781, 4816–4817, 4838, 5032, 5034, 5114, 5416, 5479, 5875, 6382, 6642, 7322, 7418, 7528, 8627, 9051, 9059, 9182, 9226, 9426, 9879
CLOTHING: 2345, 5288, 5409
CLOTRIMAZOLE: 10109
CLOXACILLIN: 1832, 3588, 9909
CLOZAPINE: 9212
CLUPEINE: 4343, 9983–9984, 9984
COAGULANTS: 2066, 2910, 4680, 5112, 5330, 5843, 6924, 8848, 9195
COAGULASE: 105, 194, 196, 516, 657, 765, 952, 1566–1567, 1904, 1923, 2048, 2080, 2113, 2457–2458, 2927, 3525, 4658, 5009, 5091, 5986, 6021, 6090, 6594, 6779, 7158, 8107, 8456–8457, 8699, 8899, 9346, 9405, 9945, 10170, 10180, 10202
COAL TAR: 2667, 7122
COBALT: 4965, 5525, 5651, 8524, 10137, 10156
COBALT RADIOISOTOPES: 823, 6575, 8713, 9749
COCAINE: 6823
COCCIDIOIDOMYCOSIS: 5910
COCCIDIOSIS: 2603
COCHLEA: 1462, 8307
COCONUT: 7382
COD LIVER OIL: 6333
CODON: 7332
COELENTERATA: 10084–10085
COENZYME A: 9216
COENZYME A SYNTHETASES: 4008
COENZYMES: 4565
COFFEE: 7951
COGNITION DISORDERS: 6307, 6934
COIN LESION, PULMONARY: 7884
COITUS: 483

COLCHICINE: 1494, 1810, 1812, 1823, 1956, 2123, 2334, 2589, 4423–4424, 5032, 5305, 5599, 5636, 5798, 6036, 6659, 7307, 7938, 8182, 8833, 9658
COLD: 76, 261, 466, 729, 875, 1056, 1216, 1260, 1441, 1692, 1990, 2239, 2293, 2464, 2567, 2590, 3137, 3161, 3465, 3618, 3693, 4332, 4387, 4591, 4822, 4894, 5456, 5463, 5992, 6155, 6297, 6773, 6884, 8210, 8403, 8587, 8717, 8963, 9406, 9504, 9925, 10343
COLECTOMY: 6291, 7623
COLESTIPOL: 7175
COLIC: 51
COLICINS: 3033
COLIPHAGES: 1444, 1605, 2138, 4169, 4365, 4367, 5468, 6259, 6327, 6426, 7159, 8453–8454, 10022
COLISTIN: 1462, 2434
COLITIS: 2281, 4057, 4834, 6023
COLITIS, MUCOUS: 7451
COLITIS, ULCERATIVE: 466, 2343, 2442, 6023, 6091, 7863, 8219, 8681, 10091
COLLAGEN: 6, 48, 125, 132, 197, 262, 306, 372, 398, 601–602, 612, 710, 768, 896, 1277–1278, 1340, 1417, 1419, 1448, 1469, 1523, 1563–1564, 1656, 1665, 1728, 1768, 1785, 1879–1880, 1968, 1988–1989, 2009, 2023, 2046, 2167, 2171, 2181, 2234, 2333, 2377, 2513, 2520, 2559, 2624, 2902, 3060, 3065, 3116, 3135, 3163, 3178, 3222, 3412, 3466, 3613, 3684–3685, 3750, 3791–3792, 3802, 3911, 3945–3946, 3973, 4017, 4084, 4105, 4135, 4172–4173, 4244, 4342, 4373–4374, 4441, 4447, 4527–4528, 4545, 4588, 4605, 4651–4652, 4723, 4729, 4782, 4867, 5014, 5032, 5133, 5136, 5151, 5194, 5264, 5322–5323, 5668, 5682, 5710, 5717, 5817, 5966, 6081, 6102, 6118, 6145, 6173, 6304, 6315–6316, 6663, 6738, 6781, 6845, 6891, 6942, 6950, 7057, 7110, 7204, 7549, 7590, 7676, 7736, 7779, 7883, 7938, 7942–7943, 8101, 8155, 8172, 8284, 8338, 8551, 8609, 8695, 8748, 8762, 8807–8808, 8810, 9111, 9253, 9338, 9345, 9446–9447, 9457, 9638, 9725, 9731, 9835, 9879, 9922, 10031, 10102, 10130, 10162, 10182, 10190, 10293, 10296, 10365
COLLAGEN DISEASES: 1944, 3076, 3885, 4162, 4402–4403, 5972, 7755, 9548, 10116
COLLATERAL CIRCULATION: 208, 990, 1369, 1574, 1773, 2270, 2433, 3642, 3720, 3914, 4962, 6768, 6965, 7415, 8054, 8105, 9012, 9334, 9617, 9735, 10064
COLLODION: 3224
COLLOIDS: 2330, 2444, 2469, 2775, 3872, 4718, 6264, 7905, 8423, 8545
COLON: 572, 2081, 2188, 2557, 3933, 4057, 4309, 7720, 7936, 9274, 10091, 10370
COLONIC DISEASES: 982, 4451, 6291, 6631, 7451, 9274
COLONIC NEOPLASMS: 127, 1473, 3289, 3587, 4001, 4407, 5674, 6007, 6291, 6310, 6881, 8205, 8754, 10091
COLONY STIMULATING FACTOR: 2438, 3371, 4824, 7699
COLOR: 912, 9265
COLOR BLINDNESS: 4247
COLORIMETRY: 1451, 1777, 2243, 6284, 6865, 9645, 10132, 10348
COLOSTRUM: 1005, 1172–1173, 1435, 1472
COMA: 954, 2175, 4662, 5722, 5893, 9494
COMMON BILE DUCT: 4604, 5441, 7088, 9365
COMMON BILE DUCT CALCULI: 310, 1524, 1615, 2422, 4604, 5397, 7967, 9836, 9914
COMMUNICABLE DISEASE CONTROL: 1731
COMMUNICABLE DISEASES: 7525, 7740
COMPLEMENT: 150, 166, 249–251, 263, 367, 458, 505, 511, 514, 517, 544, 608, 822, 877, 1088, 1116, 1133, 1173, 1234, 1314, 1463, 1645, 1810, 1813, 1893, 1955, 1990, 2031, 2038, 2057, 2176, 2182, 2190, 2369, 2464, 2506, 2508, 2546, 2566, 2773, 2872, 2896, 2925, 3120, 3213, 3242, 3312, 3533, 3571, 3590, 3662, 3691, 3750, 3790, 3794, 3969, 4196, 4270, 4431, 4503, 4551, 4717, 4719, 4807, 4886, 4983, 5253, 5341, 5560, 5591, 5605, 5670, 5672, 5736, 5775, 6057, 6200, 6231, 6338, 6370, 6376, 6429, 6598, 6611, 6797, 7006, 7118, 7360, 7420, 7478, 7525, 7545, 7684, 7693, 7744, 7864, 8058, 8179, 8187, 8211, 8240, 8288, 8332, 8340, 8400, 8477, 8486, 8504, 8523, 8680, 8692, 8728, 8817, 8820, 8881, 9009, 9015, 9030, 9115, 9165, 9238, 9305, 9702, 9721, 9870, 9909, 10145, 10193, 10297, 10310, 10394
COMPLEMENT 1: 1503, 1645, 2038, 2896, 4807–4808, 4886, 5560, 5632, 5672, 6173, 6797, 7010, 7496, 7498, 7574, 7754, 8187, 8232, 8340, 8504, 8745, 8881, 8904, 9030, 9115, 9702, 9835
COMPLEMENT 2: 150, 2459, 5560, 6057, 8881
COMPLEMENT 3: 166, 297, 367, 754, 877, 918, 1116, 1133, 1398, 1962, 1990, 2091, 2182, 2369, 2459, 2464, 2508, 2558, 2755, 2773, 3242, 3302, 3571, 3613, 3792, 4044, 4666, 4717, 4957, 5543, 5605, 5670, 5672, 5996, 6057, 6200, 6231, 6242, 6385, 6429, 6611, 6688, 6879, 6974, 7122–7123, 7360, 7496, 7801, 8173, 8181, 8187, 8332, 8340, 8374, 8397, 8400, 8486, 8523, 8689, 8692, 9015, 9165, 9208, 9403, 9409, 9658, 9870, 10145, 10307
COMPLEMENT 4: 166, 367, 511, 1116, 1398, 1962, 2190, 2508, 3613, 4717, 5560, 5605, 5672, 6242, 6611, 7847, 8340, 8689, 8881, 9165
COMPLEMENT 5: 458, 1133, 1813, 4551, 5672, 6057, 6231, 6385, 6611, 7684, 7744, 8173
COMPLEMENT 6: 458, 1133, 3250, 6231, 6429, 8728, 9403
COMPLEMENT 7: 458, 1133, 6231
COMPLEMENT 8: 458, 1133, 3590, 5672
COMPLEMENT 9: 458, 3590, 6231, 8173
COMPLEMENT FIXATION TESTS: 25, 304, 2172, 2182, 2341, 3125, 3342, 3534, 3752, 5412, 5649, 6399, 6401, 7536, 8173, 8218, 8322, 8400
COMPLIANCE: 7602
COMPREHENSIVE DENTAL CARE: 2521
COMPREHENSIVE HEALTH CARE: 4021
COMPUTERS: 1704, 2527, 3348, 4889, 9485, 10096
COMPUTERS, ANALOG: 4074, 8626
COMPUTERS, DIGITAL: 1934, 2030, 3179, 7332, 9946
CONCANAVALIN A: 535, 794, 864–865, 928, 1036, 1481, 1680, 1690, 2457, 2724, 2772, 3426, 3653–3654, 4135, 4226, 4386, 4448, 4671, 4833, 4884, 5542, 5918, 6063, 6201, 7069, 7656, 8119, 8544, 9499, 9541, 9658, 9703, 9710, 9846, 9956, 10113
CONDITIONING (PSYCHOLOGY): 2787
CONDUCTOMETRY: 3045, 4208
CONDYLOMATA ACUMINATA: 2119
CONGLUTINATION REACTION: 2773
CONGO RED: 6169, 10080
CONJUNCTIVA: 1382, 2323, 2881, 3543, 8449, 9226, 9675–9676
CONJUNCTIVITIS: 2790
CONJUNCTIVITIS, INCLUSION: 389
CONNECTIVE TISSUE: 831, 1128, 1253, 1910, 2171, 3553, 3613, 3738–3739, 4560, 6014, 6118, 7590, 7775, 8200, 8216, 8892
CONNECTIVE TISSUE CELLS: 1456, 2763, 8325, 8581
CONSANGUINITY: 5400
CONSCIOUSNESS: 568, 1854, 4184
CONSTIPATION: 2833, 5642, 6560, 7631, 10352
CONSTRICTION: 1804, 7944, 9791
CONSTRICTION, PATHOLOGIC: 1141, 2087, 2576, 4157, 5189, 5261, 6560, 6838
CONSUMER SATISFACTION: 5335
CONTACT INHIBITION: 1192, 1600, 3910, 5542, 8554
CONTRACEPTION: 3147, 10218
CONTRACEPTIVE AGENTS: 6360
CONTRACEPTIVE DEVICES, FEMALE: 10218
CONTRACEPTIVE DEVICES, MALE: 10218
CONTRACEPTIVES, ORAL: 179, 238, 323, 401, 424, 465, 533, 573, 618, 620, 673, 705, 1022, 1113, 1122, 1154–1155, 1181, 1242, 1315, 1406, 1430, 1485, 1752, 2250, 2261, 2587, 2795, 2815, 3080, 3130, 3147, 3278, 3326, 3334, 3380, 3473, 3490, 3526, 3830, 3869, 4257, 4291, 4848, 4900, 5484, 5562, 5844, 5868, 5977, 6048, 6331, 6348, 6585, 6743, 6800, 6894, 7425, 7459, 7797, 7923, 7982, 8066, 8507, 8852, 9218, 9245, 9275, 9304, 9791, 9809, 9898, 10192, 10256, 10261, 10314, 10321
CONTRACEPTIVES, ORAL, COMBINED: 424, 1890, 3380, 6283, 6743, 7313
CONTRACEPTIVES, ORAL, HORMONAL: 573, 620, 1113, 1181, 1242, 1485, 1961, 2327, 2794–2795, 2815, 3130, 3147, 3152, 3278, 3473, 5484, 5562, 6283, 7217, 7425, 8066, 8507, 9304, 9374, 9809
CONTRACEPTIVES, ORAL, SYNTHETIC: 148, 238, 618, 1306, 1315, 2933, 3334, 3380, 5844, 5885, 6585, 7459, 7797, 9791, 9898, 10218
CONTRACEPTIVES, POSTCOITAL: 4900
CONTRACEPTIVES, POSTCOITAL, HORMONAL: 10218
CONTRACTILE PROTEINS: 49, 1963, 3062, 3790, 7942
CONTRACTURE: 2902, 5171, 5911
CONTRAST MEDIA: 345, 591, 793, 871, 1865, 2789, 3436, 3503, 4090, 4500, 6167, 8206, 8621, 8741, 8846, 9062, 10241
CONTUSIONS: 51, 1439, 2269, 2332, 2421, 2652, 3690, 4523, 4602, 5172, 6786, 8998, 9398, 9993
CONVALESCENCE: 3409
CONVULSIONS: 1911, 2175, 2693, 2779, 3393, 5112, 7542
COOKERY: 438
COOMBS' TEST: 1111, 1260, 1856, 3424, 4318, 6242, 6399, 8684, 9234
COPPER: 1090, 1508, 2561, 3109, 3613, 3772, 5214, 5372, 5447, 6907, 7609, 7614, 8824, 9028–9029
COPROPHAGIA: 156
CORN: 307, 6218, 6916
CORNEA: 1382, 2807, 3274, 3982, 4652, 5310, 7301
CORNEAL DISEASES: 2790, 3274, 3982
CORNEAL ULCER: 768, 2434, 4651–4652
CORONARY CARE UNITS: 628
CORONARY CIRCULATION: 2831, 2938, 4269, 5249, 6838,

6867, 6995, 7679, 7910, 7946, 7986, 8050, 8424, 8778, 9270, 9330, 10204
CORONARY DISEASE: 63, 129, 173, 198, 231, 238, 267, 357, 501, 583, 589, 614, 681, 684, 725, 832, 1051–1054, 1145, 1189, 1264, 1535, 1539, 1623, 1827, 1862, 1988, 1993, 2054, 2077, 2083, 2280, 2467, 2562, 2734, 2746, 2748, 2765, 2824, 2831, 2869–2870, 2880–2881, 2887, 2897, 2948, 3011, 3019, 3047–3048, 3060, 3286–3288, 3296, 3395, 3401, 3431–3432, 3550, 3627–3628, 3715, 3723, 3852, 3935, 4097, 4383, 4495, 4650, 4668, 4797, 4977, 5041, 5202, 5352, 5364, 5498, 5514–5515, 5546, 5593, 5726, 5821, 5885, 6015–6016, 6072, 6074, 6114, 6362, 6410, 6534, 6745, 6792, 6828, 6875, 6882, 6906, 6976, 7007, 7183, 7275, 7285, 7321, 7334, 7447, 7565, 7653, 7679, 7718, 7724, 7734, 7839, 7848, 7854, 7893–7894, 7928, 7958–7959, 7976, 7986, 8017, 8031, 8050, 8252, 8260, 8357, 8408, 8473–8474, 8716, 8918, 9148, 9164, 9303, 9333, 9373, 9440, 9601, 9617, 9677, 9711, 9745, 9902, 9961, 10078, 10081, 10104, 10183, 10199, 10204, 10251, 10326
CORONARY VESSELS: 30, 198, 307, 584, 1051, 1054, 1497, 1533–1534, 1559, 1862, 2073, 2082, 2396, 2430, 2734, 2746, 2769, 2831, 2945, 3019, 3073, 3286, 3401, 3852, 4078, 4097, 4313, 5249, 5546, 6196, 6530, 6554, 6838, 6867, 7107, 7183, 7285, 7679, 7734, 8050, 8500, 8576, 8716, 8986, 8990, 9164, 9298, 9330–9331, 9616, 10017–10018, 10199, 10263
CORONAVIRUSES: 8897–8898
CORPUS LUTEUM: 707, 3164, 4973, 5723, 7114, 7473–7474, 10053
CORPUS STRIATUM: 4091, 6280, 6356
CORROSION: 9977
CORTICOSTERONE: 584, 2378, 3507
CORTICOTROPIN: 40, 191, 1006, 1097, 1409, 1783, 2378, 2953, 4260, 4467, 5049, 7949, 9393, 9530, 9667, 9999, 10215
CORTISONE: 331, 404, 3282, 5836, 6032, 6263, 7540, 8728, 8735, 8985, 9737
CORYNEBACTERIUM: 6594
CORYNEBACTERIUM INFECTIONS: 9056
CORYNEBACTERIUM PYOGENES: 9056
COSMETICS: 107
COST BENEFIT ANALYSIS: 8320, 10339
COSTS AND COST ANALYSIS: 122, 4575, 5390, 6776, 7085, 7807, 8224, 8493, 9669, 9752
COSYNTROPIN: 191, 7333
COTTON: 1582
COTTON EFFECT: 1194
COTURNIX: 5829
COUGH: 670, 4603
COUMAPHOS: 9358
COUMARINS: 29, 34, 50, 252, 264, 315, 339–340, 350, 417, 434, 559, 622–623, 635, 667, 732, 741, 747, 870, 944, 997, 1008, 1132, 1198, 1264, 1385, 1439–1441, 1444, 1471, 1482, 1496, 1509, 1539, 1618, 1633, 1660, 1937, 2000, 2121, 2131, 2260, 2290, 2332, 2389–2390, 2619–2620, 2666–2667, 2670, 2676, 2702, 2707, 2753, 2788, 2827, 2842, 2895, 3033, 3045, 3133, 3138, 3142, 3252, 3350, 3447, 3452, 3454, 3659, 3727, 3777, 3839, 3845–3847, 3888, 3974, 4076, 4130, 4152, 4160, 4358, 4365, 4483, 4502, 4709, 4760, 4823, 4871, 4915, 4952, 4959–4960, 4971, 5053, 5069, 5152, 5156, 5192–5193, 5216, 5306, 5359, 5468, 5519, 5524, 5588–5589, 5603, 5950, 6026, 6086, 6153, 6256, 6638–6640, 6872, 6890, 6901, 6921, 7016, 7090, 7114, 7200, 7202–7205, 7207–7214, 7272, 7411, 7414, 7451, 7564, 7609, 7655, 7661, 7685, 7705, 7716, 7813, 7848, 7946, 7974, 8094–8095, 8153, 8238, 8285, 8305, 8407, 8526, 8531, 8568, 8640, 8795, 8889, 8970, 9186, 9194, 9213, 9273, 9358, 9516, 9545, 9638, 9711–9712, 9902, 9953, 9979, 10041, 10120–10122, 10126, 10232, 10266, 10329, 10340
COUMESTROL: 4823, 5306, 6256
COUNSELING: 4021, 5733, 5923, 10003
COUNTERCURRENT DISTRIBUTION: 9289
COUNTERIMMUNOELECTROPHORESIS: 2468, 7068, 7843
COXIELLA: 7637, 9431
COXSACKIE VIRUSES: 4103
CRABS: 1318, 3087
CRANIAL NERVES: 605, 2767
CRANIAL SINUSES: 2549, 5828
CRANIOFACIAL DYSOSTOSIS: 3290, 4622
CRANIOPHARYNGIOMA: 276, 5354, 9986
CRAYFISH: 2305–2306, 4771
CREATINE: 4219, 6115
CREATINE KINASE: 1576, 2191, 2776, 2868, 3207, 3793, 5177, 5936, 6387, 6395, 6683, 6838, 7053, 9345, 9963
CREATININE: 414, 726, 846, 990, 1854, 2205, 2857, 4219, 5146, 5404, 6115, 6762, 7143, 8233, 8549, 8618, 8835, 9208, 9442, 9478, 10001
CRESOLS: 91, 5477, 5919, 6394, 6639–6640
CRICETUS: 7592
CRITICAL CARE: 607, 1854, 5984, 6354, 6417, 9967, 10256, 10308
CROSS CIRCULATION: 1308, 2469, 2740
CROSS INFECTION: 6122, 9737
CROSS REACTIONS: 258, 763, 1104, 1152, 1317, 1373, 1394, 1545, 1608, 1618, 1723, 1931, 2146, 2219, 2298, 2300, 2405, 2436, 2914, 2965, 3339, 3882, 4358, 4371, 4852, 5412, 5417, 5451, 5647, 5869, 6047, 6457, 6809, 6881, 7960, 8083, 8199, 8469, 8542, 8701, 9121, 9138, 9342, 9520, 9954, 10057, 10128, 10247
CROSSES, GENETIC: 703, 1476, 3351–3352, 4390, 8430
CROSSING OVER (GENETICS): 8405
CRUSH SYNDROME: 6744
CRUSTACEA: 3087, 5648
CRYOGENIC SURGERY: 773, 1297, 1513, 3461, 7156, 7399, 8349
CRYOGLOBULINS: 1260, 1401, 1436, 1537, 1585, 2055, 2901, 3105, 3853, 3937, 4132, 4337, 4339, 4591, 5389, 5398, 5709, 7244, 8354, 8472, 8726, 8759, 8792, 9438, 9584, 9921, 10320
CRYOPROTECTIVE AGENTS: 864, 1845, 2384, 3005, 6042, 6106–6107, 6552, 6772, 7416, 8077, 8289, 8695, 8996, 9317, 9478, 9644, 10390
CRYOTHERAPY: 659, 2986, 3836, 4174
CRYPTOCOCCUS: 4518
CRYPTORCHISM: 7577
CRYSTALLINS: 710, 2033, 2586, 8490, 8991
CRYSTALLIZATION: 942, 1377, 1604, 2988–2989, 3804, 4085, 4359, 4420–4421, 4527, 4945, 5269, 6042, 8091, 8423, 8565, 9279, 10016
CRYSTALLOGRAPHY: 2573, 2651, 4025, 5793, 8579, 9279
CULTURE: 2131
CULTURE MEDIA: 181, 283–284, 365, 701, 765, 800, 822, 1137, 1192, 1325, 1389, 1579, 1879, 1904, 1998, 2141, 2191, 2336, 2347, 2365, 2701, 3306, 3366, 3378, 3427, 3478, 3571, 3578, 3612, 3789, 3831, 3910, 3962, 4001, 4416, 4600, 4907, 5336, 5502, 5540, 5563, 5770, 6035, 6169, 6288–6289, 6321, 6351, 6515, 6605, 6688, 6725, 6785, 6796, 6900, 7197, 7224, 7455, 7590, 7647, 7970, 8138, 8554, 8717, 8854, 8989, 9480, 9716, 9969, 10010, 10039
CUSHING'S SYNDROME: 1783, 5922, 6562, 7234, 9539
CYANATES: 410, 8580
CYANIDES: 468–469, 1184, 1416, 1956, 2049–2050, 2719, 3378, 3947, 4424, 4894, 5506, 5525, 7888, 8531, 9786
CYANOACRYLATES: 3503, 4298, 6316, 7030
CYANOGEN BROMIDE: 32, 158, 650, 799, 995, 1156, 1340, 1563, 1715, 1719, 1751, 2004, 2138, 2220–2221, 2284, 2319, 2441, 2749, 2846, 2963–2964, 3025, 3052, 3545, 3745, 3787–3788, 4228, 4487–4488, 4629, 5236, 6092, 6131, 6927, 6988, 7072–7074, 7289, 8235, 8338–8339, 8599, 8745, 8840, 8864, 8885, 9197, 9237, 9281, 9284, 9372, 9416, 9474, 9492, 9514, 9701, 9883, 9998
CYANOSIS: 674, 1127, 1149, 1219, 3504, 4967, 6968, 7515, 8128, 10372
CYCLAMATES: 4726
3',5'-CYCLIC AMP PHOSPHODIESTERASE: 38, 486, 509, 3835, 3945–3946, 4426, 4623–4624, 5199, 6728, 7180, 7491, 7908, 7976, 8539–8540, 9142, 9308, 9413
CYCLIC N-OXIDES: 1361–1362, 2115, 3026, 8436
CYCLIZATION: 2307
CYCLOHEPTANES: 647, 4209, 7305, 8845
CYCLOHEXANECARBOXYLIC ACIDS: 353, 837, 890, 3132, 4127, 6505, 7649, 9553, 9606, 9819–9820
CYCLOHEXANES: 4425, 5615, 6084
CYCLOHEXANONES: 2144, 10103
CYCLOHEXIMIDE: 182, 511, 1056, 1351, 1416, 1494, 1576–1577, 1956, 2123, 2980, 3430, 3600, 4906, 5542, 5758, 6035, 6655, 6659, 6750–6751, 7102, 7634, 8670, 9541, 9963
CYCLOPHOSPHAMIDE: 59, 83, 136, 503, 979, 1109, 1259, 1374, 1411, 1526, 2208, 2339, 3422, 3476, 3608, 4147, 4598, 5776, 5986, 6203, 6453, 6660, 6961, 7097, 8851, 8861, 9184, 9580, 9976
CYCLOPROPANES: 9282
CYCLOSERINE: 6900
CYCLOSTOMES: 1805, 2219
CYCLOTHYMIC PERSONALITY: 5178
CYLINDROMA: 7503
CYNOMOLGUS MONKEYS: 306–307, 3976–3977, 7490, 8001
CYPRINIDAE: 9101
CYPROHEPTADINE: 190
CYPROTERONE: 1299, 6486
CYSTADENOCARCINOMA: 8487, 10146
CYSTADENOMA: 4187, 5544, 8874
CYSTADENOMA, PAPILLARY: 2419, 7711
CYSTAMINE: 5618
CYSTATHIONINE: 3393
CYSTATHIONINE BETA-SYNTHASE: 3393, 4904, 9400, 10216
CYSTATHIONINE GAMMA-LYASE: 9814
CYSTATHIONINE GAMMA-LYASE: 4564
CYSTEAMINE: 180, 8061

CYSTEIC ACID: 3233
CYSTEINE: 1510, 1792, 3079, 4066, 4659, 5236, 5427, 5842, 6274, 6796, 6926, 7452, 7971, 9301, 9708
CYSTEINE SYNTHASE: 10108
CYSTIC FIBROSIS: 832, 1920, 3221, 4873, 5273, 6324, 7021, 8358, 9802
CYSTICERCOSIS: 8055
CYSTINE: 493, 1530, 2963, 3578
CYSTINURIA: 1941
CYSTITIS: 870, 7577, 8303
CYSTOSCOPY: 10337
CYSTS: 407, 1400, 1876, 1908, 2119, 2232, 2235, 3260, 3856, 4450, 4568, 4899, 5397, 6550, 6661, 7245, 7437, 7495, 7974, 7991, 8029, 8863, 9475, 9767, 10146
CYTARABINE: 1144, 1217, 3175, 3901, 4331, 4599, 5096, 7615, 7837, 8594, 9950–9951, 9954, 10186
CYTOCHALASIN B: 1875, 1956, 1963, 2141, 2334, 2383, 3427, 3571, 3684, 3910, 4424, 5599, 7048, 7307, 8565, 8826
CYTOCHALASINS: 7307
CYTOCHROME C: 1408, 3206, 3616, 3638, 4950, 5648, 5872, 6686, 6853, 7364, 7519, 8761, 9284
CYTOCHROME OXIDASE: 1544, 5106, 5793, 6533, 8761
CYTOCHROME P-450: 96, 1331, 1635, 2556, 3889, 4358, 5152, 7272, 8036, 8920, 9194, 10126, 10137
CYTOCHROME REDUCTASES: 3100, 4176, 5036, 5256, 6449, 7519, 8920
CYTOCHROMES: 819, 1635, 2115, 2473, 3075, 3480, 5036, 5643–5644, 6941, 7271, 7304, 7364, 7519, 7694, 8531, 8920, 9194, 9627, 10137
CYTODIAGNOSIS: 2020, 6874, 8156
CYTOGENETICS: 5636
CYTOLOGICAL TECHNICS: 1026, 1218, 1389, 2344, 4142, 4907, 5669, 9272
CYTOLOGY: 2582
CYTOMEGALIC INCLUSION DISEASE: 299, 421, 2225, 3828
CYTOMEGALOVIRUSES: 5389
CYTOPATHOGENIC EFFECT, VIRAL: 3122, 8136, 9043
CYTOPHAGALES: 4774
CYTOPLASM: 451, 454, 1299, 1798, 2436, 2851, 2867, 2974, 3366, 4106, 4728, 4943, 4993, 5276, 5413, 5667, 6482, 6847, 6912, 7094, 7138, 7539, 7619, 8182, 8580, 8609, 9240, 9481, 9712
CYTOPLASMIC GRANULES: 964, 1146, 1315, 2009, 2267, 2312, 2314, 2344, 2478, 2567, 3063, 3603, 3685, 3802, 3947, 4951, 5167, 5336–5337, 5413, 5478, 5556, 5571, 6102, 6136, 6602, 6812, 6877, 6912, 7037, 7790, 7804, 7975, 9099, 10265
CYTOSINE NUCLEOTIDES: 6095
CYTOSOL: 667, 957, 1299, 1331, 1445, 1576, 1674, 2267, 3430, 3583, 4141, 4175, 4252, 5117, 5500, 6087, 6624, 6672, 6742, 6939, 7198, 7270, 7401, 7748, 7794, 8089, 8160, 8185, 8262, 8277, 8447, 8810, 9351, 9490, 9583, 9851, 10226
CYTOTOXICITY TESTS, IMMUNOLOGIC: 458, 688, 1088, 1308, 1356, 1723, 2172, 2303, 2496, 2608, 2641, 2755, 2924, 3125, 3185, 3312, 3355, 3566, 3621, 4587, 5527, 5591, 6485, 6571, 7195, 7220, 7323, 7545, 7639, 7915, 8434, 8817, 9057, 9191, 9239–9240, 9878, 10045, 10050, 10193, 10347

D

D 145: 3528
DACARBAZINE: 1812
DACRYOCYSTITIS: 3843
DACTINOMYCIN: 634, 1411, 2043, 2980, 3795, 5272, 5964, 6035, 6751, 7615, 7685, 8568, 8670, 8719, 9076, 9124, 10035
DAIRY PRODUCTS: 2113
DANAZOL: 4070, 7754
DANDY-WALKER SYNDROME: 2480
DANSYL COMPOUNDS: 44, 1041–1042, 5306, 8270
DAPSONE: 10261
DARKNESS: 495, 4160
DAUNOMYCIN: 825, 1217, 1812, 3780, 4331, 4599, 7837, 9950–9951
DEAE-CELLULOSE: 9918
DEAE-DEXTRAN: 5149, 5207, 9043
DEAFNESS: 1462, 7019, 8628
DEALKYLATION: 4358, 7609
DEAMINATION: 7193, 8444
DEAMINO ARGININE VASOPRESSIN: 5851, 5855, 10355
DEATH: 5023
DEATH CERTIFICATES: 3353
DEATH, SUDDEN: 3935, 4586, 4698, 5721, 7172, 10256
DEBRIDEMENT: 5523, 6367, 6417, 6539
DECANOATES: 5797
DECEREBRATE STATE: 4523, 7902
DECIDUA: 2736
DECISION MAKING: 8009
DECOMPRESSION: 3144
DECOMPRESSION SICKNESS: 1749, 2776, 3144, 3656–3657, 5846
DECUBITUS ULCER: 1091, 4621
DEER: 8925, 9118
DEFECATION: 8681
DEFICIENCY DISEASES: 1764, 7278
DEHYDRATION: 677, 4433, 9800
DEHYDROEPIANDROSTERONE: 1331
DELAYED-ACTION PREPARATIONS: 4096, 5187, 7848, 8261, 9444
DELIRIUM: 568, 9518
DELIRIUM TREMENS: 488, 2779, 6416, 9035, 9038, 9092
DELIVERY: 4109, 5565, 6154, 7337, 9021
DELUSIONS: 6934
DEMECOLCINE: 1284, 8111
DEMENTIA, PRESENILE: 482
DEMYELINATION: 2012, 2196
DENERVATION: 569, 5742, 8035
DENGUE: 5030, 7989, 8718
DENGUE VIRUS: 3579, 5030
DENIAL (PSYCHOLOGY): 8269
DENSITOMETRY: 841, 1262, 4186, 4637, 5493, 5755, 7379, 7850, 8099–8100, 9273
DENSITOMETRY, X-RAY: 997, 9719
DENTAL CARE: 1525, 2521, 3051, 3166
DENTAL CARIES: 614, 4239, 7064
DENTAL ENAMEL PROTEINS: 8339
DENTAL EQUIPMENT: 8948
DENTAL OFFICES: 2779
DENTAL PLAQUE: 2426, 4154, 9525
DENTAL PROSTHESIS: 3555
DENTAL PULP: 6177
DENTINOGENESIS IMPERFECTA: 756
DENTISTRY: 4688, 6874
DENTURE, COMPLETE: 1261
DEOXYADENOSINE: 6751
DEOXYCHOLIC ACID: 2302, 3519, 4176, 4732, 6089, 6379, 6587, 7236, 7644, 7694–7695, 8032, 8322, 8383
DEOXYGLUCOSE: 131, 873, 1517, 2049, 7455, 10038
DEOXYRIBONUCLEASE: 516, 810, 813, 961, 1088, 1293, 1296, 1471, 1674, 1923, 2048, 2639, 3823, 4143, 4201, 4311, 4369, 4401–4403, 4697, 4852, 4951, 5301, 5461, 5629, 5751, 5779, 6090, 6259, 7136, 7158, 7226, 7265, 7546, 7673, 7827, 7896, 8658, 8699, 8804, 8854, 9568, 9929–9930, 9990–9991, 10022, 10170, 10227
DEOXYRIBONUCLEOPROTEINS: 1519, 4562, 6207
DEOXYRIBONUCLEOSIDES: 1473
DEOXYRIBONUCLEOTIDES: 5070
DEOXYRIBOSE: 3910, 4288
DEPRESSION: 1247, 1288, 3068, 6032, 6450, 7683, 8085, 8932, 9036–9037
DEPRESSION, CHEMICAL: 58, 295, 326, 479, 698, 879, 1220, 1387, 1666, 1798, 2022, 2109, 2123, 2325, 2329, 2425, 2803, 2980, 3269, 3429, 3471, 3521, 3528, 3628, 3680, 3946, 4091, 4105, 4360, 4615, 4866, 4904, 4906, 4933, 5396, 5629, 6232, 6308, 6649, 6653, 6778, 6802, 6823, 6854, 7020, 7031, 7035, 7218, 7343, 7629, 7649, 7943, 8109, 8315, 8457, 8854, 8906, 9445, 9539, 9785, 9835, 9893, 9947–9948, 9999, 10043, 10134, 10139, 10210
DEPRESSION, REACTIVE: 8209
DEPRESSIVE NEUROSES: 9037
DERMATAN SULFATE: 1880, 6118, 6523, 8042, 8164, 8910
DERMATITIS: 4420, 4621, 5388, 7331, 7354, 10377
DERMATITIS, ATOPIC: 3701, 4347, 5419
DERMATITIS, CONTACT: 2313, 3285, 4131, 4233, 5519, 5676, 7470, 7732, 8199
DERMATITIS EXFOLIATIVA: 4054, 4621, 5734, 5934
DERMATITIS MEDICAMENTOSA: 2672, 4131, 5058, 5317, 5674, 5763, 6665, 7570, 9697, 10087
DERMATOGLYPHICS: 2335
DERMATOMYCOSES: 10258
DERMATOMYOSITIS: 4563
DERMOID CYST: 2244, 5544, 6715, 9495, 9719, 9887
DESENSITIZATION: 10249
DESIPRAMINE: 2385
DESMOSOMES: 8431, 9712
DESOXYCORTICOSTERONE: 2378, 4119
DESULFOVIBRIO: 2272
DETERGENTS: 39, 804, 1098, 1519, 2283, 3519, 3681, 4733, 4758, 5964, 6457, 6587, 6937, 7220, 8137, 9371, 10386
DEUTERIUM: 5454, 8428, 9814
DEUTEROMYCETES: 4972, 5798
DEVELOPING COUNTRIES: 1303
DEXAMETHASONE: 1137, 1271, 1674, 2273, 2684, 2821, 3080, 3810, 4051, 4384, 4731, 4921, 5148, 6171, 6263, 7554, 7634, 9316, 9541, 9893, 9951
DEXTRAN: 15–16, 68–69, 120, 184, 190, 209, 328, 458, 510, 593, 625, 686, 734, 749, 1027, 1101, 1175, 1200, 1203, 1205, 1272, 1410, 1421, 1742, 1745, 1988, 2126, 2140, 2369, 2584,

2604, 2676, 2931, 2934, 3123, 3234, 3237, 3452–3454, 3457–3458, 3655, 3661, 3718, 3810, 3872, 3945, 3999, 4002, 4029, 4038, 4052, 4080, 4082, 4203, 4214, 4461, 4851, 5149, 5174, 5253, 5257–5258, 5428, 5560, 5635, 5974, 6153, 6344, 6353, 6559, 6561, 6577, 6647, 7001, 7190, 7275, 7326, 7377, 7464–7465, 7777, 7825, 7844, 7875, 7934, 7941, 8174, 8412–8413, 8422, 8624, 8798, 8856, 8924, 8955, 9065, 9553, 9598–9600, 9603–9604, 9629, 9638, 9642, 9683, 9691, 10150, 10316, 10324, 10334
DEXTRANASE: 1261, 4154
DEXTROAMPHETAMINE: 1247, 2025
DEXTRORPHAN: 19
DEXTROTHYROXINE: 7388
DIABETES INSIPIDUS: 1285
DIABETES MELLITUS: 23, 199, 257, 323, 348, 488, 604, 646, 1135, 1505, 1728–1729, 1993, 2012, 2091, 2424, 2689–2690, 2894, 2939, 3287, 3315, 3347, 3576, 3617, 3634, 3652, 3874, 4256, 4497, 4872, 5214, 5379, 5637, 5640, 5772, 5885, 5899, 5983, 6188, 6534, 6651, 6784, 6828, 6839, 7146, 7234, 7385, 7388, 7390, 7392, 7425, 7542, 7722, 7729, 7743, 8038, 8123, 8313, 8702, 8852, 9007, 9167, 9226, 9326, 9362, 9374, 9576, 9943, 10281
DIABETES MELLITUS, JUVENILE: 349, 2817, 6651, 7385, 8784, 9613
DIABETIC ANGIOPATHIES: 106, 145, 717, 987, 1728, 3487, 3617, 3652, 4202, 4496–4497, 5379, 5736, 6917, 8123, 8313, 8702, 9152, 9226, 9613, 9731, 9735, 9798, 10281, 10332
DIABETIC COMA: 2779, 8123
DIABETIC NEPHROPATHIES: 106, 1728–1729, 4202
DIABETIC NEUROPATHIES: 5379, 9928
DIABETIC RETINOPATHY: 106, 130, 145, 1728–1729, 2859, 4202, 4856, 5507, 5748, 8123, 8702, 9729, 9731
DIACETYL: 2144
DIAGNOSIS, COMPUTER ASSISTED: 7610, 8414
DIAGNOSIS, DIFFERENTIAL: 51, 133, 143, 146, 300, 418–419, 539, 550, 566, 608, 639, 677, 801, 891, 901, 959, 962, 996, 1039, 1165–1166, 1175, 1236, 1349, 1372, 1388, 1574, 1601, 1771, 1774, 1793, 1814, 1948, 2020, 2034, 2056, 2130, 2139, 2188, 2196, 2235, 2351, 2400, 2419, 2436, 2509, 2549, 2579, 2591, 2727, 2738, 2926, 2944, 2960, 2962, 3068, 3070, 3229, 3291, 3344, 3592, 3644, 3718, 3753, 3778, 3856–3857, 3905–3906, 3931, 3951, 3983, 3995, 4007, 4131, 4161–4162, 4214, 4293, 4347, 4375, 4389, 4440, 4444, 4449, 4538, 4613, 4699, 4713, 4810, 4947, 5024, 5080, 5084, 5223, 5254, 5304, 5367, 5394, 5419, 5474, 5544, 5547, 5595, 5638, 5649, 5655, 5713, 5840, 5922, 6018, 6023–6024, 6041, 6091, 6094, 6096, 6148, 6151, 6204, 6226, 6314, 6366, 6397, 6411, 6413–6414, 6455, 6470, 6592, 6621, 6678, 6724, 6864, 6876, 7178, 7238, 7245, 7248, 7428, 7454, 7463, 7469, 7495, 7553, 7567, 7605, 7704, 7712, 7741, 7746, 7785, 7795, 7799, 7839, 7889, 8040, 8051, 8167, 8191, 8197, 8211, 8223, 8234, 8255, 8278, 8350, 8356, 8368, 8419–8420, 8485, 8488, 8498, 8530, 8595, 8677, 8715, 8741, 8775, 8788, 8822, 8859, 8928, 8998, 9005, 9166, 9257, 9277, 9466, 9550, 9620, 9777, 9848, 9864, 9890, 9928, 9970, 9982, 10002, 10065, 10073, 10116, 10146, 10175, 10231, 10258, 10312, 10369–10370, 10372
DIAGNOSIS, LABORATORY: 1525, 2398, 4844, 5847, 8825
DIAGNOSTIC ERRORS: 418, 553, 1773, 1833–1834, 2039, 2097, 2235, 2279, 2562, 3037, 3353, 3557, 3906, 4283, 4433, 7121, 7144, 7598, 7642, 7925, 7967, 8029, 8156, 8167, 8307, 9975
DIALYSIS: 79, 1194, 1674, 2560, 3309, 4110, 4371, 4394, 5616, 5887, 8492, 9687, 9909, 9966
DIAMIDE: 1362
DIAMINES: 8685
3,3'-DIAMINOBENZIDINE: 1147, 7673
DIAMINOPIMELIC ACID: 1815, 4556, 4708, 9448
DIAMMONIUM CHLOROPLATINUM COMPOUNDS: 9994, 10100
DIAPER RASH: 4233, 5419
DIAPHRAGM: 1492, 2533, 4120, 5345–5346, 5475, 5964, 8949, 9072, 9189, 9988–9989, 9993
DIAPHRAGMATIC EVENTRATION: 3592
DIAPHRAGMATIC HERNIA: 174, 2169
DIAPHRAGMATIC HERNIA, TRAUMATIC: 2133
DIARRHEA: 5317, 5570, 5674, 5889, 8639, 8681
DIARRHEA, INFANTILE: 677, 3190, 8245
DIATHESIS: 5286
DIATRIZOATE: 793, 4507, 8206, 8829, 10241
DIAZEPAM: 155, 1634, 2873, 3182, 3330, 4619, 4724, 5212, 6255, 7606, 8450, 8483
DIAZOMETHANE: 6783
DIAZONIUM COMPOUNDS: 1508, 1956
DIBENAMINE: 4141
DIBENZAZEPINES: 4437, 9212
DIBENZOXAZEPINES: 808
DIBROMODULCITOL: 9285
DIBUTYRYL CYCLIC AMP: 115, 269, 1036, 1445, 1575, 1642, 3061, 3064, 3684, 4624, 5199, 5279, 6198, 6299, 6726, 7139, 7267, 7945, 8360, 8540, 8826, 8911, 10000, 10214–10215
2,6-DICHLOROINDOPHENOL: 1919, 2843, 9564
DICHLOROISOPROTERENOL: 4141
DICLOFENAC: 5021, 6357
DICTYOSTELIUM: 1519, 2418, 6707–6708
DICYCLOHEXYLCARBODIIMIDE: 8032
DIET: 156, 430, 523, 614, 713, 762, 832, 907, 1243, 1303, 1535, 2013, 2359, 3395, 3847, 3908, 4565, 4669, 5404, 5714, 6560, 6709, 6747, 7164, 7231, 7278–7279, 7719, 7811, 8233, 8257, 8357, 8735, 9147, 9789, 10147
DIET, ATHEROGENIC: 230, 257, 306–307, 324, 372, 501, 609–610, 614, 720, 783, 1337, 1343, 1491, 1497, 1777, 2073, 2082, 2255, 2331, 2342, 2359, 2377, 2646, 2831, 2982, 3117, 3127, 3169–3170, 3258, 3310, 3518, 3572, 3723, 3980, 4665, 4668–4669, 4672, 4996, 4998–5000, 5040, 5042, 5045–5046, 5194, 5196–5197, 5305, 5637, 5764, 5782, 5808, 5970, 6089, 6534, 6536, 6728, 7154, 7164, 7183, 7278, 7771, 7929, 8233, 8357, 8852, 9260, 9333, 9466–9469, 9725–9726, 9843–9844, 9846, 10017–10018, 10148, 10178, 10199, 10301, 10380
DIET, CARIOGENIC: 614
DIET, REDUCING: 4820, 7388
DIET, SALT-FREE: 5404, 7681, 9228, 9442
DIET THERAPY: 3288, 4586, 7278, 8890
DIETARY CARBOHYDRATES: 1778, 3585, 4668–4669, 4998, 5637, 6536, 7278, 7929, 8755
DIETARY FATS: 307, 360, 430, 587, 604, 614, 832, 1099, 1337, 1778, 1993, 2027, 2342, 3127, 3244, 3246, 3286, 3310, 3980, 4373, 4665, 4668–4669, 4672, 4996, 5000, 5041, 5327, 5345–5346, 5498, 5714, 5885, 5969–5970, 6083, 6332, 6462, 6536, 6747, 6840, 6843, 7279, 7382, 7565, 7719, 7782, 8518, 8755, 9575–9576, 9802, 10018, 10380
DIETARY FIBER: 324, 1303–1304, 2417, 4999, 6089, 10352–10353, 10380
DIETARY HABITS: 4668, 5637
DIETARY PROTEINS: 2904, 2955, 3585, 4668–4669, 4736, 4823, 4999, 5296, 5665, 6305, 7066, 7811, 7895, 7958, 8148, 8154, 8755, 9544, 9575, 9802, 9981, 10380
DIETHYLAMINES: 1521
DIETHYLDITHIOCARBAMATE: 3206
DIETHYLHEXYL PHTHALATE: 2822, 4242, 6205
DIETHYLNITROSAMINE: 7719
DIETHYLSTILBESTROL: 1299, 2119, 6256, 10170
DIFFERENTIAL THERMAL ANALYSIS: 841
DIFFUSION: 2211, 2438, 3170, 3224, 4425, 4427, 5793, 7977, 8111, 9090, 9595
DIFTALONE: 8869
DIGEORGE SYNDROME: 187, 4044, 4813, 7755, 7926
DIGESTION: 52, 999, 1245, 2955, 2987, 5111, 5452, 6303, 6843, 7273, 8723, 9177
DIGESTIVE SYSTEM: 77, 899
DIGITALIS GLYCOSIDES: 980, 1123, 2197, 2386, 3490, 3549, 4064, 4455, 5128, 6593, 6618, 7681, 9864
DIGITONIN: 96, 1544, 4318, 7011, 7821
DIGITOXIN: 683, 3004, 7175, 7733, 9967, 10261
DIGLYCERIDES: 3582, 8359
DIGOXIN: 711, 1306, 1716, 4837, 7175, 7733, 7788, 8450, 9228
DIHYDROERGOTAMINE: 328, 4464, 6823
DIHYDROERGOTOXINE: 5908
DIHYDROMORPHINONE: 19
DIHYDROSTREPTOMYCIN: 3824
DIHYDROXYACETONE: 1977–1978, 1983, 1985
DIHYDROXYACETONE PHOSPHATE: 3667, 7694–7695
DIIODOTYROSINE: 3233, 5163
DILATATION AND CURETTAGE: 4675
DILATATION, PATHOLOGIC: 880, 4984
DIMETHYL SUBERIMIDATE: 5623
DIMETHYL SULFOXIDE: 864, 892, 2384, 2567, 2784, 3285, 3685, 4554, 4925, 6036, 6106–6107, 6773, 7045, 8077–8078, 8360, 8511, 8694–8695, 9317
9,10-DIMETHYL-1,2-BENZANTHRACENE: 1690, 2619, 8287, 9955
DIMETHYLNITROSAMINE: 4902, 5411, 7592
DIMETHYLPOLYSILOXANES: 4035, 4876, 8813
DINITROBENZENES: 688, 1373, 2437, 4371, 5842, 7765, 9425, 10247
DINITROCHLOROBENZENE: 4670, 7992
DINITROFLUOROBENZENE: 7031, 10246
DINITROPHENOLS: 1416, 2049, 2363, 3583, 4833, 4894, 5599, 6035, 6115, 6853, 7308, 8032
DIOXANES: 4883
DIOXINS: 4358
DIPEPTIDASES: 271, 1941, 8138
DIPEPTIDES: 356, 1344, 2228, 2694, 2899, 3222, 4134, 4144, 4820, 5025, 6778, 8447, 8494–8495, 8921–8922, 9306, 10224
DIPHENHYDRAMINE: 1238
DIPHENOL OXIDASES: 1056, 6542, 6672
DIPHENYLHYDANTOIN: 1634, 1999, 3096, 3291, 3583, 3611, 3798, 4725, 5399, 5776, 6762, 7317, 7606, 7752, 10093
DIPHOSPHOGLYCERIC ACIDS: 70–71, 590, 632, 712,

1151, 1515, 1978–1981, 1983–1985, 2671, 2969, 3093, 3235, 3667, 4104, 5129, 5681, 5721, 7380, 7997, 8392, 8942, 9478
DIPHOSPHONATES: 2330, 4795
DIPHTHERIA TOXIN: 6137, 6277, 7888, 9390
DIPLOIDY: 4711–4712, 4712
DIPROPYL ACETATE: 556, 4804, 4975, 7221, 7606, 8960, 10004
DIPTERA: 5325, 8541, 9176–9177
DIPYRIDAMOLE: 82, 120, 190, 275, 326, 827, 994, 1678, 1745, 1780, 1906, 2008, 2132, 2199, 2234, 2329, 2452, 2541, 2684, 2849, 2931, 2994, 3395, 3498, 3508, 3628–3629, 3942, 3963, 4244, 4344, 4533, 4579, 4851, 5133, 6240, 6347, 6591, 6734, 6856, 7256, 7313, 7334, 7458, 7583, 7653, 7715, 7813, 8128, 8729, 8906–8907, 9097, 9600–9602, 9612, 9903, 9907, 10081, 10234, 10316, 10334
2,2'-DIPYRIDYL: 7051
DISABILITY EVALUATION: 2056, 6224
DISACCHARIDASES: 259, 2439
DISACCHARIDES: 307, 362, 4070, 5486
DISASTERS: 7468
DISEASE: 1759, 2197, 7278
DISEASE MODELS, ANIMAL: 6, 289, 372, 816, 1176, 1337, 1343, 1440, 1496, 1585, 1954, 1974, 2085, 2155, 2168, 2176, 2189, 2396, 2756, 2937, 3029, 3146, 3475, 3508, 3556, 3858, 4008, 4136, 4633, 5141, 5246, 5257, 5312, 5441, 5664, 5714, 5764, 6059, 6140, 6274, 6362, 6476, 6576, 6719, 7042, 7152, 7156, 7183, 7206, 7232, 7393, 7525, 7544, 7667, 7729, 7777, 7867, 7969, 8050, 8079, 8200–8202, 8204, 8264–8265, 8314, 8346, 8351, 8370, 8893, 9054, 9109, 9208, 9270, 9468–9469, 9558, 9692, 10018, 10178, 10199, 10250, 10271, 10345
DISEASE OUTBREAKS: 5030
DISEASES IN TWINS: 3068, 5508, 6790
DISINFECTANTS: 6394
DISLOCATIONS: 119, 5001
DISODIUM CROMOGLYCATE: 1490
DISOPYRAMIDE: 1921
DISSEMINATED INTRAVASCULAR COAGULATION: 21, 42, 45, 134, 174, 301, 344, 371, 384, 396, 421, 475, 480, 533, 563, 658, 669, 677, 766, 782, 809, 826–827, 901–902, 978, 985, 991, 994, 1045, 1082, 1112, 1116, 1217, 1232, 1281, 1326, 1359, 1370, 1392, 1412, 1431, 1446, 1644, 1668, 1688, 1709, 1714, 1720, 1733, 1739, 1743, 1781, 1784, 1790, 1952, 2016, 2069, 2074, 2077, 2088, 2107, 2111–2112, 2132, 2135, 2150, 2155–2156, 2168, 2216, 2360, 2419, 2435, 2444, 2468, 2505–2508, 2544, 2562, 2580, 2585, 2607, 2621, 2660, 2663–2664, 2700, 2741, 2766, 2782, 2865, 2919, 2962, 2991, 2994, 3055, 3059, 3082, 3103, 3114, 3155, 3201, 3214, 3241, 3264, 3337, 3372, 3462–3463, 3475, 3485, 3506, 3510–3511, 3544, 3561, 3588, 3599, 3651, 3657, 3672, 3693, 3705, 3740, 3819, 3827, 3927, 3931, 3996–3997, 4032, 4058, 4061, 4069, 4139, 4215–4217, 4271, 4300, 4354, 4398, 4477, 4504, 4585, 4594, 4598, 4632, 4700, 4705, 4714, 4742, 4746, 4752, 4776, 4804, 4838, 4864, 4887, 4897, 4903, 4929, 4963, 5080, 5127, 5141, 5166, 5200–5201, 5217, 5252, 5255, 5284, 5294, 5330, 5373, 5418, 5431, 5450, 5463, 5476, 5495, 5515, 5537, 5555, 5604, 5610, 5641, 5656, 5701, 5706, 5714, 5767, 5769, 5815, 5824, 5832, 5860, 5866, 5879, 5893, 5905, 5934, 5954–5956, 5987, 5995–5997, 6010, 6059–6060, 6144, 6220, 6252, 6262, 6381, 6409, 6430, 6440, 6445, 6448, 6455, 6473, 6492, 6501, 6529, 6556, 6597, 6657, 6684, 6696, 6698, 6719, 6727, 6771, 6790, 6835, 6970, 7000, 7005, 7041, 7084, 7096, 7116, 7181–7182, 7199, 7216, 7336, 7371, 7375, 7387, 7412, 7442, 7484, 7506, 7591, 7688–7689, 7691, 7712, 7751, 7763, 7792, 7818, 7857, 7863, 7876–7877, 7884, 7901, 7903, 7921–7922, 8030, 8096, 8163, 8200, 8203, 8241, 8310, 8317–8318, 8376, 8398, 8401, 8407, 8459, 8487–8488, 8520, 8546, 8558, 8582, 8590, 8598, 8715, 8718, 8728, 8732, 8735, 8792, 8798, 8830, 8871, 8875, 8918, 8966, 8980, 9001, 9024, 9046–9047, 9067, 9109, 9233, 9258, 9319, 9403, 9415, 9427, 9436, 9511, 9550, 9590, 9706, 9737, 9800, 9831, 9834, 9862, 9903, 10008, 10036, 10088, 10200, 10202, 10241, 10310, 10315, 10381, 10385, 10391–10392
DISULFIDES: 429, 493, 624, 797, 862, 999, 1529, 1824–1826, 1830, 2394, 2963, 3379, 3515, 3776, 4412–4413, 4584, 4861, 5145, 5424, 5439, 6848, 6946, 7051, 7167, 8959, 8997, 9237, 9342, 9416, 9536, 10009, 10084, 10103, 10125, 10159
DISULFIRAM: 3611, 5152
DITAZOL: 2024, 2026, 4243
DITERPENES: 7014
DITHIONITE: 2843, 9627
DITHIONITROBENZOIC ACID: 493, 1957, 6541, 6863, 8102
DITHIOTHREITOL: 429, 797, 1299, 1425, 1530, 1542, 2334, 2803, 2814, 2929, 5424, 5947, 6844, 6912, 7871, 8898, 9114, 10167, 10276
DIURESIS: 134, 1847, 2391, 2481, 3214, 6566–6567, 9396
DIURETICS: 711, 1123, 1150, 1290, 1374, 1538, 2197, 3490, 4415, 4619, 4785, 4925, 5128, 5884, 5960, 5974, 6022, 6283, 6394, 6618, 7681, 8018, 8063, 8894, 9486, 10364
DIURETICS, OSMOTIC: 5771
DIURETICS, SULFAMYL: 6626
DIURETICS, THIAZIDE: 4619, 9140
DIURNAL RHYTHM: 2027, 2868, 2948, 3978, 6939, 8302, 10223
DIURON: 6877, 7569, 8940
DIVING: 3657, 4218, 5846
DMAE: 5482
DNA: 1, 182, 258, 828, 937, 945, 1068, 1119, 1137, 1146, 1196, 1199, 1218, 1293, 1325, 1386, 1456, 1471, 1581, 1645, 1652, 1673, 1956, 1966, 2058, 2141, 2603, 2731, 3025, 3126, 3252, 3823, 3844, 3901, 4106, 4154, 4160, 4259, 4401, 4403, 4530–4531, 4562, 4623, 4734, 4760, 4763, 4952, 5524, 5554, 5629, 5660, 5805, 6014, 6035, 6207, 6267, 6602, 6694, 6778, 6921, 6927, 7127, 7226, 7231, 7265, 7268, 7332, 7411, 7615, 7664, 7673, 7705, 7795, 7896, 8149, 8275, 9929, 9953, 9983–9984, 10276
DNA, BACTERIAL: 339, 876, 1008, 1761, 2254, 2352, 3024, 3033, 3564, 4494, 6396, 7593, 7936, 8538, 8699, 8938, 10022
DNA, CIRCULAR: 961, 2352, 3033, 8529
DNA, MITOCHONDRIAL: 961
DNA, NEOPLASM: 1325, 1789, 2895, 4001, 7277, 7794, 9930
DNA NUCLEOTIDYLTRANSFERASES: 3377
DNA POLYMERASES: 1105, 4530, 8720, 10022
DNA, RECOMBINANT: 7593
DNA REPAIR: 1008, 3659, 4530, 4760, 5468, 7705, 8238, 8275, 10022
DNA REPLICATION: 921, 1296, 1444, 3033, 3823, 5317, 6230, 6327, 7455, 7685, 8238, 10022
DNA RESTRICTION ENZYME: 7593
DNA, SINGLE STRANDED: 1008, 4365, 4760
DNA, VIRAL: 1444, 3033, 3122, 3600, 4365, 5149, 5468, 6327, 7159, 8529, 8804
DNA VIRUSES: 2383
DOG DISEASES: 1427, 1781, 2118, 2289, 2683, 3041, 3372, 4409, 4478, 4603, 4838, 5570, 5691–5692, 7075, 7528, 8043, 8158, 8871, 9545
DOGS: 3, 6, 16, 80, 142–143, 157, 186, 204, 208, 232, 277, 294, 360, 448–449, 476, 497, 499–500, 518, 542, 562, 590, 678–679, 683, 715–716, 743, 762, 794, 806, 823–824, 849, 893, 900, 902, 970, 981, 1066, 1144, 1159–1160, 1167, 1169, 1190, 1210, 1308, 1337, 1345, 1369, 1421, 1427, 1433, 1545, 1555, 1575, 1595, 1619, 1640, 1724, 1749, 1781, 1840, 1921, 1932, 1936, 1954, 2005, 2019, 2045, 2073, 2085, 2095, 2109, 2118, 2189, 2192, 2230, 2249, 2267–2268, 2289, 2291, 2325, 2346, 2396, 2432, 2463, 2469, 2476, 2617–2618, 2621, 2683, 2756, 2763, 2774, 2784, 2800, 2824, 2830, 2835, 2848, 2912, 2937–2938, 2969, 2972, 2978, 3029, 3040–3042, 3063, 3128, 3132, 3141, 3232, 3238, 3247, 3410, 3423, 3429, 3481–3482, 3500, 3512, 3517, 3532, 3546, 3550, 3593, 3649, 3651, 3664–3665, 3682, 3697, 3732, 3742, 3766–3768, 3773, 3858, 3922–3923, 3952, 4001, 4074, 4091, 4098, 4153, 4166–4167, 4194, 4236, 4250, 4269, 4281–4282, 4360, 4380, 4397, 4409, 4478, 4532, 4588–4589, 4603, 4658, 4715, 4738, 4761, 4791, 4815, 4829, 4838, 4864, 4887, 4939, 4981, 4986, 5002–5003, 5011, 5059, 5110, 5112–5113, 5138, 5185, 5227, 5252, 5267, 5282, 5297, 5311–5312, 5328, 5342, 5360, 5372, 5428, 5441, 5450, 5504, 5534, 5570, 5664, 5682, 5684, 5691–5692, 5707, 5742, 5764, 5809, 5895, 5906, 5953, 5987, 6001, 6054, 6065, 6112, 6143, 6146, 6171, 6181–6183, 6209–6211, 6232, 6240, 6268, 6273, 6302, 6328–6329, 6362, 6475–6476, 6492, 6505, 6596, 6627–6628, 6711, 6735, 6785, 6794, 6806, 6816, 6856, 6867, 6892, 6930, 6980, 6995, 7053, 7075, 7143, 7152, 7191, 7246, 7324, 7393–7395, 7403, 7439, 7445, 7461, 7478, 7517–7518, 7520, 7528, 7675, 7747, 7787, 7811, 7851, 7874, 7912, 7927–7928, 7946, 7963, 7968, 7982, 8001, 8025–8026, 8043, 8050, 8074, 8076, 8124, 8158, 8264–8265, 8281, 8296, 8349, 8477, 8502, 8514, 8575, 8583, 8622, 8687, 8750, 8755, 8780, 8837, 8871, 8910, 8972–8973, 9018, 9025, 9088, 9090, 9107–9108, 9151, 9158, 9172, 9204, 9222, 9232, 9270, 9322, 9359, 9396, 9399, 9445, 9531, 9545, 9593–9597, 9600, 9654, 9709, 9718, 9775, 9808, 9866, 9881–9882, 9964, 10000, 10017, 10049, 10056, 10070, 10075, 10155, 10161, 10174, 10178, 10195, 10224, 10265, 10345
DOLICHOL: 7014
DOPA: 4560
DOPA OXIDASE: 1056
DOPAMINE: 1065, 1465, 2385, 2722, 3008, 3068, 3181, 3528, 3874, 4091, 4284, 5263, 5729, 6181, 6280, 6282, 8317, 8629, 9260
DOPAMINE BETA-HYDROXYLASE: 5153–5154, 6136, 6452, 7523, 8823, 9413
DOPPLER EFFECT: 528–529, 531, 2936, 4368, 6436, 6614, 7022, 7353, 8683, 9276, 9885
DOSE-RESPONSE RELATIONSHIP, DRUG: 1, 4, 109, 115, 132, 172, 214, 253, 274–275, 292, 331, 346–347, 349, 672, 697–698, 794, 902, 917, 934, 1174, 1277, 1284, 1308, 1346, 1409, 1411, 1426, 1480, 1502, 1522, 1537, 1564, 1637, 1642, 1760, 1764, 1795, 1870, 1915, 1968, 2023, 2246, 2257,

2277–2278, 2374, 2523, 2619, 2629, 2731, 2744, 2821, 2935, 2937, 2951, 2993, 3146–3147, 3293, 3296, 3314, 3510, 3512, 3582, 3654, 3710, 3726–3727, 3829, 3855, 3888, 3932, 3981, 4105, 4119, 4167, 4190, 4219, 4262–4263, 4272, 4281, 4344, 4362, 4373–4374, 4381, 4416, 4439, 4633, 4839, 4894, 4902, 4975, 4980–4981, 4985, 5103, 5112, 5317, 5344, 5396, 5506, 5510, 5535–5536, 5560, 5742, 5766, 5790, 5940, 6054, 6057, 6061, 6064, 6216, 6253, 6463, 6482, 6496, 6554, 6561, 6729, 6763, 6933, 7048, 7096, 7464, 7518, 7592, 7611, 7615–7616, 7694, 7945, 8023, 8025, 8150, 8206, 8275, 8387, 8407, 8446, 8605, 8615, 8670, 8759, 8854, 8861, 8882, 8887–8888, 9102, 9227, 9305, 9308, 9359, 9408, 9500, 9535, 9562, 9580, 9641, 9659, 9676, 9716, 9836, 9871, 9898, 9946, 9996, 10066, 10100, 10192, 10210, 10221, 10335, 10367
DOSE-RESPONSE RELATIONSHIP, IMMUNOLOGIC: 277, 576, 1252, 1866, 4611, 6161, 7633, 9703, 9807
DOSE-RESPONSE RELATIONSHIP, RADIATION: 339, 802–803, 2731, 3727, 6257, 6575, 6753, 6819, 6961, 8094, 8275, 9555, 10213
DOUBLE-BLIND METHOD: 180, 288, 1238, 1748, 2376, 5536, 8478, 9639, 9907
DOWN'S SYNDROME: 652, 964, 8730, 9806
DOXYCYCLINE: 7637
DRAINAGE: 574, 910, 1526, 2116, 2308, 2529, 3009, 3874, 3936, 4457, 4553, 4604, 4805, 5310, 5827, 7088, 8228, 8753, 9722, 9802
DRINKING BEHAVIOR: 7067
DROPERIDOL: 2873, 5781
DROSOPHILA: 595, 5667
DROSOPHILA MELANOGASTER: 1105, 3376, 8220, 8238, 9161, 9953
DRUG ABUSE: 2343, 3315, 3490, 5559
DRUG ADMINISTRATION SCHEDULE: 178, 878, 993, 1032, 1526, 2164, 2812, 2935, 3882, 4362, 5317, 6453, 7239, 7683, 7939, 8406–8407, 9285, 9659, 9871, 9994
DRUG ANTAGONISM: 791, 3942, 4096, 4678, 4782, 9533, 10182
DRUG COMBINATIONS: 109, 178, 232–233, 779, 892, 1440–1441, 1474, 1482, 1691, 1839, 1877, 2683, 2707, 2819, 3446–3447, 3591, 3888, 3968, 4035, 4163, 4469, 4535, 4662, 4703, 4724, 4959–4960, 5597, 5836, 5932, 6016, 6129, 6303, 6367, 6627, 6871, 7001, 7057, 7204–7205, 7214, 7235, 7316, 8285, 8413, 8714, 8806, 9095, 9098, 9230, 9676, 9705, 9778, 10034, 10139, 10269
DRUG COMPOUNDING: 9174
DRUG CONTAINERS AND CLOSURES: 2822
DRUG CONTAMINATION: 1561, 2230, 5792
DRUG DEPENDENCE: 3756
DRUG EVALUATION: 233, 476, 496, 505, 524, 663, 699, 779, 784, 930, 1060–1061, 1261, 1264, 1374, 1403, 1446, 1485, 1528, 1562, 1702, 1858, 1900, 2054, 2158, 2229, 2249, 2518, 2633, 2667, 2714, 2722, 2726, 3005, 3238, 3422, 3446, 3453, 3855, 4029, 4035, 4050, 4072, 4163, 4470, 4599, 4654, 4704, 5021, 5105, 5220, 5239–5240, 5246, 5344, 5470, 5489, 5550, 5645, 5836, 5855, 5877, 5899, 5938, 5971, 5973, 6016, 6129, 6203, 6214, 6303, 6315, 6343, 6347, 6743, 6829, 7214, 7221, 7244, 7298, 7328, 7376, 7416, 7651, 7709, 7844, 7848, 8056, 8151, 8231, 8421, 8466, 8727, 8806, 8849, 8869, 8950, 9019, 9027, 9105, 9182, 9212, 9285, 9288, 9302, 9317, 9602, 9606, 9629, 9635, 9676, 10020, 10043, 10238
DRUG HYPERSENSITIVITY: 91, 110, 464, 788, 1290, 1636, 1691, 2672, 2680–2681, 2705, 2779, 2819, 3701, 4166, 4500, 4507, 4767, 5757, 5763, 5869, 5919, 6056, 6103, 6839, 6940, 7010, 7570, 7930, 7964, 8844, 8927, 9266, 10068, 10087
DRUG IMPLANTS: 10218
DRUG INCOMPATIBILITY: 4830, 7316, 8140
DRUG INFORMATION SERVICES: 1617, 4336
DRUG INTERACTIONS: 144, 232, 424, 431, 741, 1065, 1123, 1132, 1180, 1247, 1258, 1306, 1469, 1809, 1812, 1839, 1916, 1961, 1963, 1999, 2197, 2260, 2702, 2803, 2819, 2932, 3027, 3095, 3152, 3311, 3611, 3748, 3762, 3974, 4064, 4072, 4096, 4243, 4254–4255, 4316, 4336, 4415, 4573, 4597, 4724, 4726, 4763, 4837, 4879, 5045, 5049, 5121, 5126, 5272, 5640, 5733, 5949, 6022, 6056, 6191, 6238, 6243, 6278, 6281, 6627, 6655, 6859, 6888, 7080, 7221–7222, 7307, 7356, 7582, 7606, 7752, 7874, 7947, 8039, 8063, 8305, 8361, 8479, 8833, 8844, 8868, 8906, 9140, 9230, 9373, 9408, 9578, 9639, 9641, 9711, 9731, 9832, 9949, 9999, 10023, 10261, 10364
DRUG RESISTANCE: 308, 703, 1481, 1753, 3351–3352, 4780, 4814, 5349, 6086, 7521, 7717, 7802, 8039, 8095, 8259, 8862, 8970, 9086, 9207, 10325
DRUG RESISTANCE, MICROBIAL: 105, 334, 911, 952, 1074, 2129, 2495, 4207, 5091, 5563, 7969, 8840, 9945
DRUG SCREENING: 157, 1753, 2646, 3508, 3710, 4748, 5021, 5906, 6269, 6274, 6627, 7232, 7301, 8314, 9445, 9676, 10340
DRUG STABILITY: 52, 210, 451, 546, 860–861, 922, 1354, 1424, 1450, 1472, 1721–1722, 1770, 1921, 2146, 2241, 2247, 2340, 2411, 2515, 2627, 2649, 2845, 2892, 3003, 3071, 3087, 3444, 3515, 3635, 3711, 3762, 3916, 4206, 4435, 4508, 4518, 4800, 4815, 4836, 4877, 4978, 5139, 5170, 5268, 5315, 5365, 5554, 5705, 5897, 5924, 6175, 6264, 6522, 6813, 6916, 6973, 7184, 7282, 7373, 7597, 7723, 7841, 8524, 8619, 8642, 8692–8693, 8781, 8827, 9174–9175, 9341–9342, 9361, 9414, 9501, 9516, 9584, 9789, 9873, 9969, 9983, 9990, 10085, 10108, 10123, 10127, 10156, 10181
DRUG STORAGE: 1622
DRUG SYNERGISM: 1678, 1928, 1961, 2111, 2966, 3293, 3354, 3710, 3963, 4011, 4096, 4154, 4775, 4839, 5510, 5757, 5982, 6064, 6171, 6763, 7445, 7902, 7969, 9182, 9444, 9535, 9778, 10023, 10069, 10139, 10150, 10162, 10182, 10245, 10270
DRUG THERAPY: 110, 305, 557, 1132, 1150, 1290, 1617, 1638, 2206, 3370, 3476, 3490, 4069, 4182, 5733, 5757, 6032, 6331, 6433, 6784, 7256, 7316, 7333, 8140, 10364
DRUG THERAPY, COMBINATION: 353, 455, 474, 843, 979, 1247, 1306, 1403, 1473, 1726, 1839, 1878, 1882, 1898, 2084, 2197, 2266, 2339, 2434, 2673, 2809, 2819, 2937, 3034, 3323, 3498, 3608, 4096, 4147, 4292, 4306, 4336, 4533, 4599, 4780, 5377, 5536, 5618, 5734, 6022, 6055, 6154, 6617, 6825, 7221, 7337, 7372, 7666, 7709, 7934, 7969, 8171, 8184, 8729, 8798, 8833, 8861, 8950, 9097, 9124, 9285, 9288, 9349, 9456, 9536, 9950, 9976
DRUG TOLERANCE: 349, 2540, 2680, 3284, 4704, 5757, 5781, 7221, 8638, 9086, 9266
DRUG UTILIZATION: 583, 5733
DRUG WITHDRAWAL SYMPTOMS: 1664, 2510, 3676, 6250, 9937
DRUGS: 34, 683, 711, 1065, 1123, 1132, 1538, 1999, 2386, 3096, 4502, 5053, 5399, 5733, 5960, 6261, 7175, 7333, 7733, 9486
DRY ICE: 3836, 7259
DRY SOCKET: 4470, 7807, 8170
DTPA: 2330
DUCKS: 437, 5091, 7405, 8658
DUCTUS ARTERIOSUS, PATENT: 1219
DUFFY BLOOD-GROUP SYSTEM: 5968, 6170
DULCITOL: 9659
DUODENAL DISEASES: 2514, 3476, 3930, 4094, 4451, 4691, 5799, 5883, 6861, 7805
DUODENAL NEOPLASMS: 2514, 4121
DUODENAL OBSTRUCTION: 1693, 3930, 7553, 9365
DUODENAL ULCER: 56, 2205, 2536, 3301, 3476, 3558, 3773, 4407, 5597, 6661, 7438
DUODENUM: 210, 298, 508, 537–538, 1195, 1354, 1886, 2164, 2688, 3190, 3319, 3331, 3593, 3805, 3908, 4094, 4195, 4691, 5665, 5699, 6138, 6189, 6318, 6808, 6861, 7645, 7812, 7845, 7860, 8572, 9147, 9906
DUPUYTREN'S CONTRACTURE: 2902
DURA MATER: 967, 6817, 7408, 7993
DURSBAN: 1243
DUST: 1582, 2309, 4131
DWARFISM: 187, 3290, 7755
DYE DILUTION TECHNIC: 7850
DYES: 1812, 2672, 4796, 4843, 5524, 10153
DYNEIN: 1310, 3994
DYSCHONDROPLASIA: 5, 1942, 5538, 8146
DYSENTERY, AMEBIC: 2116
DYSENTERY, BACILLARY: 2135, 7039, 7868
DYSGAMMAGLOBULINEMIA: 4044, 4123, 7753, 7979
DYSKINESIA, DRUG-INDUCED: 6982
DYSPEPSIA: 4035, 5800
DYSPNEA: 31, 670, 1127, 2905–2906, 3191, 5586, 6749, 7003, 7119
DYSTOCIA: 6574

E

EAR: 1660, 1662, 1718, 3291, 3820–3821
EAR CANAL: 1718, 2470
EAR DEFORMITIES, ACQUIRED: 8747
EAR DISEASES: 756, 1150, 2040
EAR, EXTERNAL: 694, 1440, 1718, 2470, 2698, 5257, 8633, 9065, 9127
EAR, MIDDLE: 380, 756, 1718, 4555, 5935, 9185
EAR NEOPLASMS: 380, 694, 2040, 2656, 2698, 8307, 8633
EAR OSSICLES: 3896
EARLY AMBULATION: 117, 637, 1031, 2041, 4455, 4461, 9441, 9967, 10330
EARTHWORMS: 9292
EATING: 8359, 8755
ECCENTROOSTEOCHONDRODYSPLASIA: 5726, 6906
ECCHYMOSIS: 1616, 3690, 4377
ECHINOCOCCOSIS: 3121, 9767
ECHINOCOCCOSIS, HEPATIC: 6178, 9363
ECHINOCOCCOSIS, PULMONARY: 6956
ECHOCARDIOGRAPHY: 143, 152, 2034, 2256, 2765, 3324, 4559, 6312, 6902, 7007, 7456, 7492, 9885

ECHOENCEPHALOGRAPHY: 2102, 5702, 8998
ECLAMPSIA: 868, 1628, 4742, 5565, 5714, 5974, 7381, 8340, 8689, 8732, 9890
ECONOMICS: 9479
ECONOMICS, MEDICAL: 1093, 9440, 9943, 10189, 10377
ECTODERM: 5829
ECTOGENESIS: 6605
ECZEMA: 26, 233, 1321, 2672, 5576, 10258
EDEMA: 807, 1044, 1417, 1482, 1528, 2176, 2312, 2606, 2660, 2706, 2758, 3097, 3271, 3459, 3588, 3710, 4054, 4603, 4748, 5550, 5974, 6119, 6357, 7018, 7202, 7208–7209, 7214, 7831, 8489, 8624, 8843, 8870, 9095, 9185, 9280, 9386, 9531, 10175, 10299
EDEMA, CARDIAC: 2706, 8905
EDTA: 39, 97, 99, 245–246, 248, 359, 374, 596, 804–805, 898, 904, 1077, 1098, 1162, 1499, 2268, 2330, 2340, 2434, 2515, 3061, 3063, 3421, 3474, 3571, 3894–3895, 3949, 4548, 4964, 5296, 5485, 5601, 5616, 5872, 5971, 6053, 6274, 6338, 6439, 6509, 6726, 6778, 6926, 6951, 6999, 7262, 7341, 7422, 7474, 7548, 7568, 7570, 7644, 7673, 7768, 7892, 7914, 7970, 7975, 8053, 8136, 8400, 8429, 8447, 8554, 8605, 8619, 8762, 8809, 8942, 8997, 9070, 9154, 9430, 9488, 9530, 9730, 9756, 9837, 9935, 10099, 10119, 10127
EDUCATION: 789, 5923
EDUCATION, DENTAL: 2521
EDUCATION, MEDICAL, CONTINUING: 8407
EDUCATION, SPECIAL: 2180
EDUCATIONAL STATUS: 5834, 8785
EGG PROTEINS: 650, 1425, 7895, 8119, 8390
EGG WHITE: 32, 437, 441, 8149, 10118
EGG YOLK: 3448, 4672
EGGS: 9467
EGTA: 49, 1108, 1600, 2141, 2515, 5601, 6338, 6557, 6726, 7185–7186, 7520, 8400, 9500, 9837, 10127
EHLERS-DANLOS SYNDROME: 1081, 4191
EHRLICHIA: 4478
5,8,11,14-EICOSATETRAYNOIC ACID: 9641
8,11,14-EICOSATRIENOIC ACID: 3891, 3893
EIMERIA: 2603
EISENMENGER COMPLEX: 7241
EJACULATION: 3226, 7284, 8100, 8505
ELASTIC TISSUE: 3014
ELASTICITY: 1588, 1916, 2108, 2126, 2874, 5027, 5124, 5190, 5276, 5539, 5806, 6176, 6254, 6363, 6930, 7404, 7878, 8394–8395, 9172, 9547
ELASTIN: 158, 601, 1916, 2377, 3014, 3911, 4441, 5139, 6052–6053, 6102, 6321, 6806, 7636, 7966, 8842, 9289
ELBOW: 5233
ELBOW JOINT: 2778, 5474
ELECTRIC CONDUCTIVITY: 1209, 4880, 9438
ELECTRIC COUNTERSHOCK: 1534, 5128, 7507
ELECTRIC INJURIES: 6251
ELECTRIC ORGAN: 4302, 5976
ELECTRIC STIMULATION: 1176, 1804, 2226, 2493, 3092, 3528, 3551–3552, 4468, 5818, 6211, 6561, 6897, 7257, 7299, 7348, 7927, 8035, 9967
ELECTRICITY: 1554, 7928, 9677
ELECTROCARDIOGRAPHY: 85–86, 235, 767, 980, 1043, 1716, 1885, 2301, 2316, 2727, 2761, 2765, 2850, 2873, 3004, 3370, 3710, 4286, 4677, 4831, 5080, 5579, 5586, 5664, 6312, 6388, 6410, 6492, 6741, 6838, 6922, 6956, 7007, 7792, 7881, 7996, 8288, 8368, 8918, 8923, 9228, 9241, 9880
ELECTROCHEMISTRY: 1933, 5914, 7624, 9835
ELECTROCOAGULATION: 729, 1402, 2695, 2943, 4601, 6291, 7720, 8264–8265, 8870, 9204
ELECTRODES: 4850, 4858, 6013, 6477, 7672, 10177
ELECTRODES, IMPLANTED: 3383, 9163
ELECTROENCEPHALOGRAPHY: 774, 1231, 1247, 2767, 3018, 3305, 3760, 4872, 5702, 6458, 6678, 6786, 6839, 7221, 8084, 8998, 9396, 9494
ELECTROLYSIS: 8811
ELECTROLYTES: 298, 1267, 2327, 2506, 3228, 4830, 5106, 5616, 5898, 6647, 7417, 7510, 8762, 8957, 9563
ELECTROMAGNETIC FIELDS: 7038, 7851–7852
ELECTROMAGNETICS: 1997, 7038, 7851–7852
ELECTROMYOGRAPHY: 954, 5739
ELECTRON PROBE MICROANALYSIS: 3083, 3575
ELECTRON SPIN RESONANCE: 494, 1385, 2483, 3597, 4359, 4474, 5981, 6575
ELECTRON TRANSPORT: 287, 707, 819, 872, 1362, 2115, 3418, 3641, 3934, 5036, 5333–5334, 7519, 9384, 9627, 9922
ELECTRONICS: 325
ELECTRONICS, MEDICAL: 8948
ELECTRONS: 7103
ELECTROOCULOGRAPHY: 1231
ELECTROPHORESIS: 492, 898, 965, 1448, 1995, 3316, 3381, 3583, 4000, 4942, 4946, 5525, 5577, 5898, 6399, 7275, 7557, 7697, 7851, 8473, 8481, 8661, 8691, 8789, 8959, 9404, 10158, 10177, 10278
ELECTROPHORESIS, AGAR GEL: 1170, 1626, 2062, 2147–2148, 2356, 2773, 3036, 3239, 3259, 4164, 6088, 6457, 6807, 7322, 7654, 8925
ELECTROPHORESIS, CELLULOSE ACETATE: 493, 2062, 2968, 7796, 9904
ELECTROPHORESIS, DISC: 186, 1625, 3267, 3533, 3909, 3923, 4661, 4759, 4800–4801, 4928, 4938, 5427, 5612, 5732, 6010, 6079, 6386, 7985, 8674, 9381, 10209
ELECTROPHORESIS, PAPER: 452, 3329, 6258, 6463, 9053, 9249, 9990–9991
ELECTROPHORESIS, POLYACRYLAMIDE GEL: 150, 269, 374, 495, 676, 701, 848, 885, 915, 975, 1000, 1067, 1170, 1172, 1233, 1262, 1274, 1317, 1347, 1420, 1507, 1542, 1599, 1604, 1609, 1630, 1654, 1657, 1740, 1892, 1903–1904, 1994, 2147, 2200, 2285, 2368, 2418, 2459, 2564, 2613, 2773, 2792, 2805, 2883–2886, 2892, 2911, 2915, 2917, 2965, 3015, 3026, 3108, 3232, 3327, 3336, 3488, 3547, 3590, 3623, 3636, 3684, 4124, 4225, 4319, 4337–4338, 4390, 4491–4492, 4512, 4629, 4635, 4751, 4917, 4955, 5131, 5183, 5292, 5337, 5439, 5493, 5496–5497, 5613, 5623, 5872, 5877, 5896, 5903, 5936, 5980, 6053, 6057, 6088, 6190, 6200, 6313, 6325, 6334, 6368, 6441, 6509, 6785, 6826, 6850, 6999, 7101, 7167, 7265, 7360, 7518, 7531–7532, 7543, 7794, 7806, 7914, 8060, 8181, 8262, 8321, 8415, 8434, 8447, 8465, 8503, 8567, 8664, 8675, 8791, 8804, 8898, 8929, 8939, 8952, 9023, 9026, 9103, 9115, 9117, 9250, 9255, 9279, 9459, 9542, 9671, 9703, 9841, 9852, 9997, 10000, 10009, 10184
ELECTROPHORESIS, STARCH GEL: 5442, 7212, 8495, 8725, 9501, 9788
ELECTROPHORUS: 4302, 5976
ELECTROPHYSIOLOGY: 4190, 5047, 5898
ELECTROSURGERY: 4858, 9173
ELECTROTHERAPY: 593, 3487, 6418, 7300
ELEDOISIN: 6183, 9150
ELEPHANTIASIS: 1603, 9624
ELEPHANTS: 2033
ELLAGIC ACID: 822, 2543, 2612, 2614, 3132–3133, 3141, 7904, 8543, 10185
ELLIPTICINES: 1812
EMBOLISM: 30, 185, 487, 689, 1232, 1668, 1703, 1807, 1840, 1894, 1898, 2081, 2291, 2327, 2431, 2562, 2633, 2745, 2800, 2850, 3187, 3288, 4296, 4345, 4456, 4500, 4834, 5031, 5231, 5270, 5546, 6219, 6415, 6475, 6595, 6730, 6922–6923, 7429, 7454, 7608, 7681, 7762, 7766, 7776, 7788, 7942, 8337, 8551, 8859, 9364, 9388, 9421, 9434, 9557, 9565, 9669, 9735, 9862, 9901, 10219, 10370
EMBOLISM, AIR: 744, 1312, 1749, 2609, 4642, 5756, 8046, 9129, 9594–9597, 9857
EMBOLISM, AMNIOTIC FLUID: 396, 991, 3524, 3832, 4043, 4772, 5072, 5078, 6516, 8040, 9437, 10222
EMBOLISM, FAT: 474, 1161, 1772, 2085, 2609, 2800, 3019, 4354, 4473, 4791, 5140, 5252, 5693, 5955, 6388, 8197, 8422, 8698, 9004
EMBOLIZATION, THERAPEUTIC: 118, 208, 582, 871, 1501, 2402, 2696, 2729, 3502–3503, 3510, 3775, 6019, 6537, 6996, 7107, 7179, 7563, 9128, 9204, 9610, 9618, 9656, 9670, 10026
EMBRYO: 181–182, 1011, 2072, 2980, 5308, 5636, 6605, 6646, 7412, 7634, 8339, 8433
EMBRYO, NON-MAMMALIAN: 546, 2340, 4734, 8589, 9449
EMERGENCIES: 613, 980, 1107, 1294, 1596, 1718, 2101, 2133, 2443, 2779, 3808, 4099, 4199, 4320, 4805, 6016, 6641, 7487, 8376, 9241, 9551, 10391
EMOTIONS: 966, 7407, 8479
EMPHYSEMA: 9383, 9967
EMPLOYMENT: 5923
EMPYEMA: 8046, 9962
EMULSIONS: 360, 1625, 1776, 3246, 3448, 6664, 7782, 8069
ENCEPHALITIS: 1658, 3460, 7704
ENCEPHALITIS, EPIDEMIC: 421
ENCEPHALITIS VIRUS, EASTERN EQUINE: 10388
ENCEPHALITIS VIRUSES: 10388
ENCEPHALITOGENIC BASIC PROTEINS: 1598–1599, 6693, 7042
ENCEPHALOCELE: 6876
ENCEPHALOMALACIA: 1231, 3460, 7245
ENCEPHALOMYELITIS, ALLERGIC: 1598, 5902, 7042
ENCEPHALOMYOCARDITIS VIRUSES: 2460, 5371
ENDARTERECTOMY: 151, 570, 736, 1106–1107, 1714, 1806–1807, 1836, 2000, 2295, 3813, 4510, 5652, 6436, 7191, 7243, 7281, 7637, 7766, 8992, 9164, 9203, 10219
ENDARTERITIS: 955, 1355, 1842, 7001, 7579
ENDO-1,3-BETA-GLUCANASE: 9248
ENDOCARDIAL FIBROELASTOSIS: 7176
ENDOCARDITIS: 105, 140, 289, 1692, 2077, 2562, 2966, 4170, 4714, 5746, 5916, 6595, 6938, 7176, 7303, 7408, 7502, 7527, 7788, 7969, 7990, 8918, 9001, 9325, 10369, 10391
ENDOCARDITIS, BACTERIAL: 289, 577, 608, 1594, 1621,

1668, 1832, 1842, 2765, 2966, 3051, 3202, 4155, 4809, 5393, 5546, 6455, 6469, 6617, 7681, 7969, 7990, 8550, 8682, 9202, 10312
ENDOCARDITIS, SUBACUTE BACTERIAL: 1832, 3166, 7525, 7815, 8860
ENDOCARDIUM: 1594, 3383, 9001, 9202, 10199
ENDOCRINE DISEASES: 7425
ENDOCRINE GLANDS: 2953, 5983, 6256, 7793, 8561
ENDOCYTOSIS: 1193, 2086, 4245, 4343, 10214
ENDOMETRIOSIS: 2361, 4070, 5750
ENDOMETRITIS: 2575
ENDOMETRIUM: 5214, 5447, 8156, 8507
ENDONUCLEASES: 1296, 1965, 2048, 4988, 5067, 7546, 9929
ENDOPLASMIC RETICULUM: 1132, 1146, 1855, 2478, 2491, 4950, 5558, 6638, 6640, 7804, 8259, 9473, 9794
ENDORPHINS: 377, 3092, 5426, 7820
ENDOSCOPY: 1886, 2205, 6980, 7720, 9079, 10091
ENDOTHELIUM: 145, 160, 584, 600–601, 604, 816, 913, 987, 1363, 1665–1666, 1744, 1849, 1897, 1915, 1933, 1964, 1988, 2002, 2136, 2231, 2724, 3122, 3258, 3286, 3306, 3624, 3629, 3651, 3660, 3738, 3935, 4251, 4594, 4856, 5160, 5415, 5660, 5806, 5966–5967, 6037, 6083, 6102, 6196, 6295, 6527, 6572, 6592, 6619–6620, 6778, 6842, 6847, 7369, 7758, 7773–7775, 7864, 7866, 7894, 7950, 7963, 8247, 8250, 8310, 8335, 8359, 8370, 8388, 8535, 8777, 9252, 9345, 9811, 9826, 9843–9844, 9874
ENDOTOXINS: 54, 629, 672, 902, 1252, 1642, 1653, 1784, 1931, 2111–2112, 2309, 2336, 2871–2872, 2913, 3509, 3544, 3706, 3831, 3860–3862, 4036, 4342, 4376, 4420, 4439, 4482, 4722, 4742, 4841, 4887, 4963, 5494–5495, 5714, 5775, 6429–6430, 6475–6476, 6513, 6961, 7478, 7481, 7605, 7615, 7684, 8093, 8310, 8477, 8632, 8638, 8728, 8931, 8937, 9022–9023, 9132, 9192, 9328, 9692, 9749, 9800, 9826, 9866, 10161
ENERGY METABOLISM: 614, 1667, 1778, 2703, 2855, 3448, 3790, 5370, 7478, 7668, 8291, 8359, 10141
ENERGY TRANSFER: 1385, 3947, 5306, 5524, 5842, 6162, 6570, 6993, 7332
ENFLURANE: 4274, 5174
ENKEPHALINS: 377, 643, 3092, 5179, 7820
ENTAMOEBA HISTOLYTICA: 5727, 9860
ENTERITIS: 322, 1112, 3209, 4094, 5631, 6818
ENTERITIS, REGIONAL: 2370, 6091, 7863, 8681
ENTEROBACTERIACEAE: 2309, 4420, 7731
ENTEROBACTERIACEAE INFECTIONS: 1125, 7969
ENTEROCOLITIS, ACUTE: 2087, 3562–3563, 5373, 7041, 9274, 9550, 10356
ENTEROPEPTIDASE: 210, 508, 536–538, 2439, 3171, 3190, 3593, 3805, 3815, 5271–5273, 5665, 6324, 7644–7645, 7860
ENTEROTOXEMIA: 8092
ENTEROTOXINS: 334, 1923, 2048, 2134, 5088, 5091, 5296, 6726, 8639, 8699, 8701
ENTEROVIRUSES: 2160
ENTROPION: 1822
ENVIRONMENT: 3450, 7509
ENVIRONMENT, CONTROLLED: 1749, 7509
ENVIRONMENTAL EXPOSURE: 875, 1025, 1037, 1590, 4131, 4621, 9754
ENVIRONMENTAL POLLUTANTS: 7249
ENVIRONMENTAL POLLUTION: 10386
ENZYMATIC ZONULOLYSIS: 773, 6991
ENZYME ACTIVATION: 55, 60–61, 97, 139, 192, 210, 366, 372, 378, 390, 445–447, 578, 727, 814, 1015–1017, 1098, 1163, 1503, 1571, 1573, 1578, 1620, 1721–1722, 1760, 1765, 1864, 1879, 1917, 1947, 1963, 2013, 2031, 2245, 2302, 2347, 2449, 2500, 2516, 2543, 2631, 2843–2844, 2877, 2879, 2928, 3092, 3120, 3162, 3171, 3282, 3340, 3365, 3368, 3397–3398, 3419, 3493, 3500, 3594, 3670, 3687, 3835, 3879, 3909, 3916, 3941, 3944, 3946, 3954, 3977, 3986, 3989, 4112, 4115, 4156, 4225, 4227, 4302, 4334, 4351, 4404, 4511, 4546, 4653, 4680, 4688, 4750, 4860, 4886, 5059, 5131, 5151, 5247, 5321, 5384, 5424, 5510, 5552–5553, 5568–5569, 5601, 5651, 5704, 5723, 5732, 5753, 5759, 5837, 5845, 5903, 6000, 6064, 6079, 6081, 6237, 6304, 6334, 6402, 6406, 6600, 6636, 6717, 6787–6788, 6843–6844, 6887, 6910, 6972–6973, 7053, 7169, 7283, 7401, 7457, 7517–7518, 7546, 7586, 7597, 7634, 7644–7646, 7660, 7670, 7723, 7812, 7832, 7841–7842, 7871, 7908, 7988, 8304, 8433, 8495, 8539–8540, 8765, 8768, 8779, 8809, 8865–8866, 8880, 8882, 8921, 9013, 9040, 9256, 9308, 9337, 9351, 9380, 9408, 9443, 9500, 9572, 9646, 9668, 9781, 9925, 10032–10033, 10071, 10111, 10115, 10127, 10134, 10156, 10198, 10284, 10288, 10357
ENZYME INDUCTION: 7, 365, 387, 1132, 1306, 1684, 1817, 1961, 4310, 4605, 5053, 5117, 5144, 5272, 5423, 5573–5574, 5758, 5886, 6101, 6230, 6454, 6673, 7272, 7685, 8568, 9300, 9354, 9716–9717, 9750, 10035, 10261
ENZYME INHIBITORS: 4, 397, 682, 856–857, 860, 1286, 1329, 1694, 2308, 2649, 2829–2830, 2959, 3515, 3612, 3636, 3675, 3763, 3831, 3922, 4211, 4434, 5177, 5283, 5452, 5779, 6216, 6432, 6729, 6760, 6795, 7409, 7590, 7892, 8000, 8075, 8465, 8515, 8750, 8878, 8904, 9307, 9413–9414, 9759, 10069–10070, 10085, 10210
ENZYME PRECURSORS: 192, 776, 1015, 1164, 1336, 1620, 1760, 1879, 1971, 2183, 2302, 2347, 2478, 2516, 3398, 3970, 3989, 4393, 4736, 4988, 5321, 5337, 5347, 5890, 6360, 6601, 6690, 7282–7284, 7790, 7842, 8257, 8866, 9018, 9022, 9040, 9256, 9554, 10111, 10198
ENZYME REACTIVATORS: 1990, 7892
ENZYME REPRESSION: 1949, 3612, 5401, 5573, 6450, 7211, 7593, 8089, 10035
ENZYME TESTS: 298, 1372, 3668, 3726, 4107, 4369, 4650, 4683, 4699, 5378, 5814, 7018, 7808, 8159, 8513, 8834, 8922, 9537, 9615, 9654, 10242, 10288, 10348
ENZYMES: 189, 1087, 1561, 1976, 2546, 2763, 2776, 3205, 3207, 3222, 3926, 4096, 4787, 5177, 5378, 5793, 5805, 6285, 6303, 6624, 7065, 8102, 8802, 8891, 9754, 10280
ENZYMES, IMMOBILIZED: 92, 579, 727–728, 1188, 1413, 1751, 2447, 2903, 3224, 3986, 4349, 4392, 4787–4788, 4836, 5235, 5617, 6071, 6361, 6407, 6439, 6777, 6846, 7806, 8880, 9283, 9372, 9408, 9560, 9756, 10066, 10152, 10286
EOSINOPHILIA: 23, 1846, 2313, 4162, 7570
EOSINOPHILIC GRANULOMA: 5024, 5828, 8234
EOSINOPHILS: 18, 378, 581, 1146, 1642, 1828, 1956, 3209, 5166, 5412, 5440, 6445, 6625, 7684, 8704, 9626, 9964, 10394
EPENDYMOMA: 276, 5083, 8165, 9986
EPHEDRINE: 2131, 2266, 7733, 7902
EPIDEMIOLOGIC METHODS: 2831, 3278, 8547
EPIDERMAL GROWTH FACTORS: 1416, 3366
EPIDERMAL NECROLYSIS, TOXIC: 2672, 8899
EPIDIDYMIS: 713, 2275, 2421, 3660, 6278, 6486, 8112
EPIDIDYMITIS: 791, 2650
EPIGLOTTIS: 7437
EPILEPSY: 3018, 3334, 3543, 3798, 4321, 4685, 4975, 5075, 5787, 7221, 7317, 8008, 8550, 8960, 9494, 10257, 10344
EPILEPSY, FOCAL: 7221
EPILEPSY, GRAND MAL: 4804
EPILEPSY, PETIT MAL: 7221
EPILEPSY, TEMPORAL LOBE: 6678, 7221
EPILEPSY, TRAUMATIC: 8008
EPIMERASES: 5472
EPINEPHRINE: 40, 48, 197, 364, 502, 507, 509, 609, 790, 1071, 1133, 1168–1169, 1728, 1767, 1817, 1915, 1988, 2046, 2109, 2234, 2408, 2567, 2624, 2774, 2873, 3038, 3065, 3135, 3148, 3247, 3466, 3781, 3802, 3893, 3945–3947, 4105, 4111, 4150, 4262, 4342, 4447, 4469, 4509, 4557, 4560, 4678, 4729, 4782, 4799, 4867, 5151, 5173, 5264, 5668, 5908, 6140, 6210, 6279, 6450, 6655, 6738, 6781, 6897, 6942, 6967, 7037, 7791, 7905, 7938, 7949, 8078, 8471, 8647, 8695, 8762, 8933, 9083, 9267, 9412, 9443, 9457, 9638, 9736, 9922, 10083, 10130, 10162, 10182, 10293
EPIPHYSES: 1031
EPISTAXIS: 164, 782, 844, 1910, 2118, 2696, 3808, 4411, 9236
EPITHELIAL CELLS: 24, 211, 687, 731, 981, 1033, 1218, 2086, 2902, 3651, 3772, 4036, 7490, 8103, 8431, 9395, 9520, 9710
EPITHELIUM: 1417, 2067, 3322, 8374, 8431
EPOXY COMPOUNDS: 667, 1508, 4265, 6512, 7614, 8795, 9028
EQUILIBRIUM: 9396
EQUINE RHINOPNEUMONITIS VIRUS: 4229
EQUIPMENT AND SUPPLIES: 3770, 9739, 10285
ERGOCALCIFEROL: 7659
ERGOLINES: 5264
ERGOT ALKALOIDS: 2131, 3810, 7811
ERGOTAMINE: 2947, 3182
ERUCIC ACIDS: 8518, 8723
ERWINIA: 2309
ERYSIPELAS: 3588, 8859
ERYSIPELOTHRIX: 8201, 8203
ERYSIPELOTHRIX INFECTIONS: 8200, 8203–8204, 10309
ERYTHEMA: 288, 527, 1180, 2137, 2753, 3615, 4760, 8209, 9266
ERYTHEMA MULTIFORME: 2672, 7978, 8288
ERYTHEMA NODOSUM: 2672
ERYTHREMIC MYELOSIS: 519, 2289
ERYTHROBLASTOSIS, FETAL: 2607, 3761, 5631, 5866, 8185
ERYTHROBLASTS: 1146, 3674, 3823, 4955, 7693, 9109, 10193
ERYTHROCYTE AGGREGATION: 463, 816, 1024, 1197, 1346, 1588, 1762, 2174, 2382, 3482, 5029, 5055, 5155–5156, 5384–5385, 5507, 5513, 5736, 6123, 6254, 6444, 7173, 7242, 7275, 7435, 7508, 7671, 8018, 8124, 8126
ERYTHROCYTE AGGREGATION, INTRAVASCULAR: 2614, 2880, 5515, 5628, 8123, 8246, 8313, 8449, 9758
ERYTHROCYTE AGING: 1515, 1756, 1981, 3001, 5925, 6123, 6174, 8573, 8592, 9229

ERYTHROCYTE COUNT: 75–76, 208, 296, 665, 1788, 2039, 3059, 3702, 4218, 5185, 5688, 5927, 6387, 6736, 7155, 8162, 8630, 8756, 9625, 9699
ERYTHROCYTE MEMBRANE: 19, 205, 303, 534, 786, 795, 1572, 1630, 1759, 1892, 2473, 3001, 3568, 3590, 3640, 3870, 4319, 4418, 4759, 4940, 5124, 5355, 5543, 5752, 6133, 6170, 7031, 7279, 7467, 8127, 8185, 8240, 8360, 8573, 8774, 9229, 9611, 9621, 10306
ERYTHROCYTES: 19, 46, 57, 70–74, 141, 205, 251, 336, 338, 356, 382, 386, 463, 484, 544, 565, 590, 598, 613, 632, 665, 669, 676, 722, 735, 753, 786, 795, 828, 832–833, 936, 1023, 1111, 1131, 1151, 1197, 1226–1227, 1284, 1515, 1584, 1610, 1624, 1630, 1746–1747, 1756, 1759, 1791, 1845, 1866, 1933, 1979–1980, 2045, 2067, 2268, 2313, 2330, 2350, 2460, 2464, 2473, 2497, 2526, 2542, 2552, 2566, 2568, 2574, 2578, 2622, 2644, 2671, 2692, 2719, 2834, 2924, 2969, 3001–3002, 3081, 3093, 3095, 3159, 3193, 3206, 3210, 3214, 3228, 3235, 3247, 3253, 3257, 3259, 3281, 3499, 3531, 3568–3570, 3590, 3617, 3621, 3640, 3661–3662, 3667, 3674, 3683, 3770, 3776, 3823, 3870, 3901, 3926, 3956, 4040–4041, 4059, 4104, 4131, 4192, 4196, 4214, 4219, 4312, 4318–4319, 4384, 4402, 4423, 4512, 4534, 4656, 4670, 4686–4687, 4700, 4713, 4715, 4745, 4759, 4819, 4822, 4920, 4940, 4955, 4960, 5005, 5029, 5037, 5063, 5129, 5153, 5155, 5196, 5224, 5246, 5290, 5339, 5351, 5355, 5378, 5381–5382, 5385, 5461, 5490, 5543, 5587, 5672, 5678, 5681, 5709, 5737, 5752, 5770, 5791, 5805, 5890, 5898, 5914, 5925, 5968, 6066, 6075, 6108, 6123, 6132–6133, 6170, 6174, 6210, 6221, 6254, 6288–6289, 6297, 6461, 6475, 6498, 6552, 6723, 6754, 6903, 6919, 7031, 7055, 7085, 7111, 7116, 7173, 7263–7264, 7275, 7279, 7405, 7434, 7467, 7620, 7671, 7807, 7851, 7873, 7878, 7890, 7909, 7998, 8022, 8058, 8072, 8124, 8127, 8185, 8196, 8210, 8224, 8235, 8240, 8290, 8298, 8325, 8360, 8380, 8400, 8411, 8451, 8486, 8502, 8510, 8552, 8567, 8573, 8592, 8630, 8649, 8658, 8661, 8676, 8711, 8725, 8774, 8847, 8887, 8905, 8957, 8996, 9030, 9109, 9135, 9146, 9201, 9229, 9425, 9465, 9478–9479, 9501, 9611–9612, 9628, 9643, 9731, 9774–9775, 9808, 9840, 9882, 9932, 9964, 10007, 10145, 10193, 10255, 10278, 10292, 10297, 10306, 10348, 10390
ERYTHROCYTES, ABNORMAL: 786, 1572, 1624, 2497, 3598, 4185, 5124, 5276, 6105, 6968, 8123, 8127, 8637
ERYTHRODERMA: 2672, 4054, 7570
ERYTHROLEUKEMIA: 3371, 3998, 7157
ERYTHROMELALGIA: 7515
ERYTHROPOIESIS: 147, 242, 1055, 1146, 1754, 2526, 3702, 4920, 5721, 5801
ERYTHROPOIETIN: 1754, 2526, 3263, 5005, 5815, 8460
ESCHERICHIA COLI: 54, 339, 902, 924, 998, 1008, 1104, 1125, 1173, 1230, 1293, 1380, 1510, 1547, 1605, 1657, 1919, 1931, 1949, 2060, 2138, 2375, 2560, 2749, 2835, 2843, 2909, 2969, 2988–2989, 3024–3025, 3033, 3079, 3205, 3478, 3494, 3564, 3745, 3816, 3824, 3887, 3919, 4116, 4240–4241, 4367, 4376, 4494, 4629, 4841, 4887, 4943, 5067, 5473, 5601, 5670, 5724, 5775, 6163, 6237, 6264, 6327, 6350, 6355, 6396, 6426, 6509, 6587, 6606, 6630, 6636, 6763, 6927, 6946, 6961, 6993, 7013, 7066, 7159, 7452, 7457, 7478, 7615, 7647, 7731, 8091, 8524, 8531, 8710, 8840, 8938, 8971, 9047, 9132, 9282, 9305, 9313, 9403, 9502, 9904, 10022, 10029–10030, 10079, 10132
ESCHERICHIA COLI INFECTIONS: 64, 506, 902, 8092
ESCIN: 1877, 7202, 7376, 8174, 8870, 10034, 10072, 10269, 10299
ESCULIN: 1877
ESOPHAGEAL DISEASES: 5508, 6832, 9344
ESOPHAGEAL FISTULA: 10319
ESOPHAGEAL NEOPLASMS: 127, 1415, 3367, 4289, 5455, 6007, 7719, 8686
ESOPHAGEAL REFLUX: 3558
ESOPHAGEAL STENOSIS: 1863, 2114
ESOPHAGEAL VARICES: 174, 837, 2536, 2908, 3501–3502, 4572, 5446, 7238, 7441, 8872, 9294, 9515, 9618
ESOPHAGITIS: 837, 9294
ESOPHAGITIS, PEPTIC: 5446
ESOPHAGOPLASTY: 2704, 5446
ESOPHAGUS: 843, 7107, 8686, 9057
ESTERASES: 39, 265, 286, 497, 547, 696–698, 1074, 1163–1164, 1947, 2038, 2247, 2314, 2891, 3022, 3221, 3236, 3475, 3603, 3675, 3695, 3792, 4125, 4988, 5281, 5301, 5440, 5751, 5873, 5998, 6136, 6320, 6360, 6461, 6505, 6532–6533, 6689, 6752, 6797, 6806, 6877, 7025, 7027, 7083, 7327, 7330, 7423, 7597, 7676, 7686, 7827, 7858, 7883, 8113, 8383, 8802, 8831, 9115, 9408, 9562, 9987, 10033, 10165
ESTERIFICATION: 33, 3310, 5589, 6783
ESTERS: 43, 696, 3365, 6079, 6322, 6386, 7957, 8532, 8919, 9560
ESTRADIOL: 1682, 2374, 2974–2975, 4382, 4829, 5500, 7794, 8160, 8262, 8303, 8829, 9316, 9444, 9988, 10031, 10226
ESTRAMUSTINPHOSPHATE: 212
ESTRIOL: 1969–1970, 5270
ESTROGENIC SUBSTANCES, CONJUGATED: 2847, 7255, 7296–7297, 8739
ESTROGENS: 179, 351, 465, 693, 821, 992, 1288, 1485, 1961, 2537, 2679, 2768, 2815, 2971, 3042, 3130, 3212, 3228, 3473, 4291, 4381, 4565, 4806, 5270, 5690, 6714, 8122, 8303, 8735, 8790, 8850, 10192, 10321
ESTROGENS, NON-STEROIDAL: 9536
ESTROGENS, SYNTHETIC: 178, 238, 573, 618, 1315, 5270, 7425, 7459, 7797, 9440, 9898, 10218
ESTRONE: 5690, 8303
ETHACRYNIC ACID: 3214, 4619, 8018
ETHAMBUTOL: 791
ETHAMSYLATE: 1487, 9606
ETHANOLAMINES: 1215, 4704, 7745
ETHCHLORVYNOL: 515
ETHENOADENOSINE TRIPHOSPHATE: 3663
ETHER, ETHYL: 155, 1575, 2160, 4014, 8322
ETHERS: 4263, 6217, 9667, 9836
ETHERS, CYCLIC: 667, 1318, 2428, 2810, 4814, 8039, 8970, 9491, 9659, 9759
ETHICS, MEDICAL: 10311
ETHIDIUM: 1930, 2254, 4531, 7896
ETHINYL ESTRADIOL: 272, 424, 1969–1970, 2797, 3334, 3380, 4381, 4848, 7313, 7459, 8066, 8303, 8790, 10082
ETHIONINE: 4904
ETHMOID SINUS: 2529
ETHNIC GROUPS: 1688, 2522, 2933, 5400, 6408
ETHYL BISCOUMACETATE: 1377
ETHYL ETHERS: 7272, 10126
ETHYL METHANESULFONATE: 8275
ETHYLAMINES: 8685
ETHYLENE CHLOROHYDRIN: 8882
ETHYLENE DICHLORIDES: 1540
ETHYLENE GLYCOLS: 1272, 6394, 6557, 6726
ETHYLENE OXIDE: 5482–5483, 7416
ETHYLENEDIAMINES: 1751
ETHYLENES: 2389
ETHYLESTRENOL: 3733–3734, 4018, 8371
ETHYLMALEIMIDE: 493, 804–805, 1361–1362, 1532, 1674, 1875, 1957, 3061, 3426–3427, 3616, 3684, 4112, 4248–4249, 4602, 6053, 6402, 7452, 8429
ETHYLMORPHINE-N-DEMETHYLASE: 5152
ETHYNODIOL DIACETATE: 4848
ETIDOCAINE: 4070
ETIOCHOLANOLONE: 3284
ETORPHINE: 7772
EUPHORIA: 1247, 7407
EUROPIUM: 10280
EUSTACHIAN TUBE: 10227
EVALUATION STUDIES: 14, 44, 384, 399, 438, 587, 706, 748, 780, 882, 1188, 1200, 1267, 1453, 1697, 1907, 1976, 2065, 2113, 2161, 2341, 2358, 2397, 2422, 2475, 2521, 2638, 2667, 2692, 3109, 3145, 3207, 3226, 3237, 3606, 3631, 4170, 4325, 4364, 4428, 4430, 4460, 4476, 4505, 4540, 4566, 4630, 4738, 4790, 4890, 5181, 5301, 5460, 5465, 5481, 5509, 5553, 5624, 5739, 5915, 5946, 5959, 6344, 6346, 6354, 6359, 6699, 6777, 6882, 6900, 6914, 6985, 7130, 7247, 7281, 7295, 7422, 7492, 7647, 7738, 7911, 7924, 8156, 8349, 8357, 8384, 8432, 8489, 8496, 8499, 8781, 8879, 9133, 9312, 9483, 9497, 9528, 9654, 9664, 9742, 9778, 9855, 9869, 9882, 9977, 10213, 10301
EVANS BLUE: 1755
EVOKED POTENTIALS: 1247, 9695
EVOLUTION: 388, 1160, 1663, 2030, 2219, 3480, 4264, 4988, 5088, 6601, 6843, 7742, 8796, 9160, 9926
EXANTHEMA: 2672
EXANTHEMA SUBITUM: 6671
EXCHANGE TRANSFUSION: 42, 1190, 1271, 1332, 2087, 2969, 4013, 4746, 5631, 5866, 6096, 6771, 8684, 9808, 9896
EXERCISE TEST: 5821, 6015, 7007, 8596, 9543, 9675
EXERCISE THERAPY: 117, 1101, 1804, 2423, 5222, 6981, 7059
EXERTION: 267, 725, 1035, 1040, 1168, 1189, 1223, 1484, 1536, 1623, 1711, 1804, 2001, 2151, 2499, 2774, 2787, 2831, 3008, 3287, 3885, 4368, 4586, 4633, 4903, 5153, 5491, 5689, 5885, 5969, 6421, 6677, 6838, 7573, 7677, 7730, 7865, 7976, 7986, 8057, 8208, 8816, 8985, 9543, 9942
EXOCRINE GLANDS: 595
EXOCYTOSIS: 2334, 3794, 4245, 7790
EXOPHTHALMOS: 3843, 7082, 9495, 9887, 10051
EXOSTOSES: 1330, 3555
EXPECTORANTS: 4914, 7404, 8137, 9441
EXPERT TESTIMONY: 638, 8197
EXPLORATORY BEHAVIOR: 4136, 6216
EXTRACELLULAR SPACE: 1276, 2481, 2874, 2953, 3107, 3796, 4609, 7202, 7211, 7655, 7672, 8456, 9732
EXTRACHROMOSOMAL INHERITANCE: 2352, 8095
EXTRACORPOREAL CIRCULATION: 94, 261, 440, 545, 674, 743, 852, 1370, 1453, 1557, 2237–2238, 2348, 2476, 2609, 2692, 2703, 2744, 2800, 2818, 3243, 3438, 3625, 3746, 3781, 4039, 4189, 4637, 4864, 5029, 5237, 5252, 5342, 5459, 5464, 5482, 5508, 5849, 6165, 6213, 6302, 6319, 6609, 6736, 6820,

7417, 7618, 7628–7629, 7663, 7980, 8127, 8957, 9419, 9452, 9652, 9751, 9775, 9923–9924, 9964, 10075
EXTRAPYRAMIDAL DISORDERS: 5489, 6032
EXTREMITIES: 529, 1476, 1724, 2063, 2713, 2745, 3187, 4364, 5376, 5964, 7363, 7677, 10064
EXTROVERSION (PSYCHOLOGY): 8783
EXUDATES AND TRANSUDATES: 15, 581, 4350, 5147, 6825, 6992, 7018, 7864, 8623, 9889
EYE: 630, 1165–1166, 1401, 1476, 3549, 3577, 4045, 4541, 7735, 7776, 8583, 9495, 9538, 9676, 9887
EYE, ARTIFICIAL: 1401
EYE DISEASES: 835, 1166, 1704, 2790, 3549, 4045, 4234, 4541, 4644, 5329, 7390, 9173, 9509, 9538, 9729, 10216
EYE FOREIGN BODIES: 835, 3523
EYE INJURIES: 1401, 3105, 7302, 8186, 8583
EYE MANIFESTATIONS: 7584, 7869
EYE MOVEMENTS: 1231, 7584, 8300
EYE NEOPLASMS: 389, 835, 1378, 1402, 1651, 1704, 1822, 2161, 2790, 2986, 3543, 3778, 3843, 4616, 7595, 9495, 9729, 10052
EYELID DISEASES: 2244, 2790, 10201
EYELID NEOPLASMS: 2244, 3219, 6715, 7669, 10201
EYELIDS: 2244, 10201

F

FACE: 459, 540, 1096, 3798, 5865, 7503, 8229, 8747, 8843, 8853, 9610
FACIAL BONES: 756
FACIAL INJURIES: 2102, 8229
FACIAL MUSCLES: 1738, 5489
FACIAL NEOPLASMS: 1661–1662, 3217, 3321, 4626, 4901, 4922, 5300, 6062, 6152, 7328, 7399, 7503, 7819, 9173
FACIAL NERVE: 459, 5335
FACIAL PARALYSIS: 3349, 5097, 8229
FACTOR V: 219, 344, 460, 542, 708, 771, 774, 1207, 1622, 1722, 2501, 2808, 2865, 3013, 3341, 3841, 3979, 4221, 4244, 4323, 6191, 6389, 6771, 6774, 6911, 6967, 7184, 7496, 7506, 7572, 8066, 8312, 8422, 8670, 8767, 8969, 9309
FACTOR V DEFICIENCY: 460, 925, 2865, 3131, 4990, 5098, 8312
FACTOR VII: 219, 310, 318, 708, 774, 792, 993, 1152, 2162, 2501, 2662, 2808, 2865, 3013, 3133, 3140, 3363, 4012, 4182, 4381, 4620, 4705, 4913, 5535, 5600, 5653–5654, 6047–6048, 6191–6192, 6332, 6829, 6910, 6933, 6953, 7142, 7236, 7444, 7572, 7947, 8642, 8795, 9460, 9524, 9585, 9639, 9958, 9996, 10322
FACTOR VIII: 87, 122, 135, 150, 195, 219, 312, 319–320, 332, 425, 460, 542, 561, 708, 715–716, 771, 789, 792, 838–840, 904, 908, 925, 987–988, 991, 994, 1046–1048, 1066, 1082, 1168–1169, 1174, 1179, 1213, 1216, 1224, 1272, 1347–1348, 1401, 1436, 1438, 1454, 1536–1537, 1626, 1713, 1740, 1786, 1861, 1958, 1967, 2055, 2062, 2071, 2100, 2154, 2261, 2353, 2400, 2406–2407, 2409, 2429, 2501, 2525, 2535, 2537–2538, 2550, 2836, 2840, 2860–2861, 2882, 2884, 2886, 2990, 3106, 3122, 3131, 3172, 3186, 3202, 3239, 3306, 3332–3333, 3336, 3356, 3358–3359, 3407, 3548, 3623, 3679, 3724, 3841, 3849, 3851, 3853, 3938, 3950, 4020, 4047, 4104, 4150, 4159, 4181, 4244, 4251, 4304, 4323, 4330, 4339, 4375, 4395, 4445, 4592–4593, 4620, 4705, 4731, 4766–4767, 4772, 4822, 4935, 4994, 5020, 5103–5104, 5171, 5238, 5285, 5315, 5418, 5429, 5431–5432, 5504, 5578, 5580, 5597, 5639, 5646, 5660, 5678, 5744, 5773, 5825, 5831, 5851, 5855–5856, 5945, 5987, 5993, 6005, 6028, 6043, 6191, 6193–6195, 6202, 6227, 6243, 6332, 6389, 6471, 6479–6481, 6579, 6584, 6610, 6633–6634, 6660–6662, 6911, 6928, 6943, 6945, 6967, 6983, 7068–7069, 7098, 7100, 7161, 7201, 7314, 7317–7318, 7326, 7340, 7496, 7500–7501, 7561, 7611–7612, 7665–7666, 7697, 7721, 7757, 7836, 7859, 7925, 8096–8097, 8177, 8219, 8331, 8354, 8388, 8471–8472, 8545, 8587, 8642, 8664, 8726, 8728, 8757, 8785, 8792–8793, 8816, 8867, 8935–8936, 8946, 8953, 8961, 8965, 8997, 9159, 9195, 9242, 9252–9253, 9310, 9438–9439, 9554, 9558–9559, 9584, 9586–9587, 9607, 9713, 9762, 9873, 9875, 9932, 10204, 10231, 10268, 10294, 10317–10318, 10320, 10360
FACTOR IX: 121, 135–136, 312, 333, 460, 708, 780, 792, 829, 838–839, 1241, 1959, 2179, 2844, 2846, 3140, 3146, 3679, 3732, 3851, 4181–4182, 4445, 4549, 4620, 4731, 4750, 4871, 5171, 5535, 5597, 6005, 6192, 6332, 6661, 6717, 6756, 6896, 6910, 6967, 7104–7105, 7340, 7557, 7572, 7666, 7760–7761, 7818, 7947, 8081, 8096, 8181, 8536, 8617, 8700, 8793, 8795, 8945–8947, 8960, 9159, 9198, 9242, 9460, 9529, 9554, 9918, 10142, 10225
FACTOR X: 219, 277, 310, 318, 447, 460, 708, 771, 775, 792, 993, 1241, 1952, 1959, 2070, 2179, 2501, 2808, 2845–2846, 2865, 2877–2879, 2891–2892, 3145–3146, 3177, 3243, 3341, 3582, 4012, 4016, 4020, 4221, 4323, 4334, 4355, 4620, 4750, 4913, 4923, 5535, 5597, 5600, 5759, 5853, 6079, 6191, 6332, 6513, 6570, 6600, 6714, 6717, 6766, 6910, 6953, 6998, 7095, 7105, 7236, 7397, 7572, 7760, 7818, 8047, 8066, 8312, 8469, 8795, 8880, 8901, 8946, 8969, 9337, 9460, 9524, 9554, 9585, 9639, 9760, 9770, 9898, 9918, 9996, 10150, 10184, 10307
FACTOR X DEFICIENCY: 460, 817, 2845, 2865, 2878, 3135, 3139, 3177, 4838, 4974, 4990, 6029, 6765, 6998, 8147, 8312, 8700, 8767
FACTOR XI: 708, 1067, 1565, 1740, 2844, 3140, 3398, 4445, 4503, 4860–4862, 5020, 6064, 7026, 7095, 7572, 7760–7761, 7903–7904, 8081–8083, 9253, 9336–9337
FACTOR XI DEFICIENCY: 909, 1085, 1565, 1740, 2839, 3873, 4377, 4571, 4860, 4990, 5418, 5430, 5510, 6064, 7171, 7586, 7903, 8081, 8301, 9336
FACTOR XII: 39, 198, 440, 629, 708, 1067, 1164, 1237, 1398, 1431, 1502–1504, 1784, 2338, 2543, 2612, 2616, 2755, 2846, 2946, 2997, 3120, 3132, 3221, 3236, 3369, 3397–3398, 4004, 4445, 4503, 4705, 4719, 4808, 4838, 4886, 5068, 5418, 5510, 5741, 5837–5838, 5996, 6064, 6338, 6441, 6505, 6802, 7026, 7327, 7423, 7498, 7572, 7585–7586, 7761, 7904, 8082, 8178, 8765, 9336–9337, 9559, 9572, 10190
FACTOR XIII: 205, 221, 226, 333, 465, 490, 561, 691, 702, 792, 1240, 1852, 1864, 2007, 2297, 2355–2356, 2564, 2860, 2883, 3440, 3784, 3845–3846, 4185, 4492, 4591, 4648, 5040, 5418, 5434, 5680, 5716, 5876, 5978, 6369, 6382, 6787–6788, 6887, 7037, 7104, 7449, 8177, 8232, 8270, 8558, 8583, 8687, 9309, 9408, 10282, 10291
FACTOR XIII DEFICIENCY: 2297, 2355, 5978, 6942, 7449, 8232, 10282
FAD: 1919, 2843, 5036, 9384
FALLOPIAN TUBE NEOPLASMS: 402, 2361
FALLOPIAN TUBES: 211, 1685, 2361, 6548–6549
FALSE NEGATIVE REACTIONS: 1773, 2641, 3272, 3523, 3721, 4046, 4700, 6365, 6392, 7295, 7559
FALSE POSITIVE REACTIONS: 444, 1184, 1349, 1380, 1773, 2075, 2641, 3272, 3523, 3557, 4046, 4855, 5585, 6365, 6392, 6990, 7295, 9156, 9816, 9913
FAMILY: 3850, 5153, 5286, 10003
FAMILY CHARACTERISTICS: 2836, 8785
FAMILY PLANNING: 4900
FANCONI'S ANEMIA: 519, 4657
FASCIA: 1822, 2531, 3588, 6586, 9111, 9127
FASCIA LATA: 1822
FASCIOLIASIS: 6913
FASTING: 257, 713, 1778, 1811, 2013, 2308, 2424, 2939, 3150, 3244, 3660, 3838, 4164, 4665, 5159, 5345–5346, 5475, 5969, 6115, 6431, 6990, 7231, 8391, 9772, 9989
FAT NECROSIS: 192
FATS: 1134, 3448, 9333
FATS, UNSATURATED: 5885, 6462
FATTY ACIDS: 54, 439, 509, 597, 896, 1187, 1337, 1630–1631, 1849, 2290, 2643, 2984, 3127, 3162, 3310, 3660, 3932–3933, 3980, 4095, 5279, 5327, 6083, 6089, 6144, 7193, 7279, 7382, 7565, 8069, 8291, 9326, 9483, 9609, 9966, 10109, 10379
FATTY ACIDS, ESSENTIAL: 2382, 2982, 3448, 4008, 4779, 5327, 7382, 9575–9577, 9641, 10378
FATTY ACIDS, NONESTERIFIED: 257, 349, 387, 416–417, 502, 587, 596, 713, 851, 1430, 1495, 1811, 1849, 1885, 2082, 2825, 2985, 3148–3150, 3156, 3448, 3660, 3833, 4033, 4150, 5159, 5498, 5640, 5969, 6238, 6278, 6388, 6393, 6652, 6658, 6892, 6990, 7725, 7727, 7739, 8037–8038, 8247, 8250, 8359, 8779, 9004, 9380, 9396, 9486, 9755, 10049, 10160
FATTY ACIDS, UNSATURATED: 609, 832, 3589, 5040, 5045, 5135, 5197, 5372, 6333, 7382, 7855, 9575, 9609, 9959
FATTY ACIDS, VOLATILE: 5146
FATTY ALCOHOLS: 3197, 10109
FATTY LIVER: 324, 706, 3013, 3576, 4971, 6433, 8197, 9494
FATTY STREAK, ARTERIAL: 1964, 2465, 2643, 2769, 3258, 3286, 3310, 3700, 3863, 3957, 3972, 4633, 4672, 6300, 7076, 7795, 8611, 9298, 10199, 10263
FAVISM: 2788
FECES: 938, 1372, 2143, 2164, 2166, 3036, 3109, 3319, 3331, 3620, 4998, 5378, 5570, 5970, 6023, 6089, 6428, 7207, 7270, 7355, 8159, 8426, 8574, 8823, 9854, 9906
FEEDBACK: 1617, 2176, 2795, 3946, 4121, 4276, 4757, 7026
FEEDING BEHAVIOR: 111, 9176, 10147
FEES AND CHARGES: 2185, 2395
FEES, PHARMACEUTICAL: 2840
FELINE INFECTIOUS ENTERITIS: 2289
FELINE LEUKEMIA VIRUS: 714, 6703, 6751
FELTY'S SYNDROME: 2010, 3937
FEMORAL ARTERY: 151, 415, 570, 1141, 1404, 1559, 1583, 1727, 1806, 1902, 2000, 2291, 2402, 2945, 2983, 3396, 3559, 3596, 3957, 4052, 4210, 4364, 4617, 4634, 4643, 5081, 5245, 5366, 5741, 5928, 5943, 5961, 6069, 6211, 6353, 6358–6359, 6537, 6564, 6867, 7001, 7053, 7089, 7196, 7243, 7541, 7637, 7675, 7734, 8062, 8264–8265, 8476, 8500, 8508, 8576, 8662, 8683, 8743, 9158, 9812, 9941, 10174, 10222
FEMORAL FRACTURES: 764, 1031, 2196, 3086, 3360, 3520, 4188, 4854, 7298, 8597

FEMORAL NECK FRACTURES: 4060, 4463, 4536, 6343–6344, 6347, 6908
FEMORAL NEOPLASMS: 3596
FEMORAL NERVE: 1583, 2124, 3110, 3114, 6211, 6499, 7658, 8293, 10176
FEMORAL VEIN: 80, 232, 282, 317, 457, 528, 531, 960, 1289, 1773, 1783, 1992, 2063, 2098, 2565, 2729, 2781, 2812, 3467–3468, 3645, 3664, 3720, 3914, 4307, 4438, 4890, 4896, 4991–4992, 5360, 5596, 6211, 6275, 6346, 6358, 6420, 6553, 6619–6620, 6737, 6776, 6855, 6963, 7215, 7406, 7846, 8014, 8347, 8476, 8683, 8734, 8819, 9020, 9158, 9162, 9193, 10222, 10302
FEMUR: 4711–4712, 4712, 4761, 7649
FEMUR HEAD NECROSIS: 4299
FENESTRATION: 9185
FENFLURAMINE: 2025, 7188, 9948–9949
FENOPROFEN: 1180, 6357, 7046, 9485
FENTANYL: 5781
FERMENTATION: 4207, 6169, 7936, 10180
FERREDOXINS: 3669
FERRETS: 6937
FERRIC COMPOUNDS: 3083, 3601
FERRICYANIDES: 707, 1919, 2843, 5781, 7519, 7569
FERRITIN: 211, 511, 1608, 1933, 5055, 5778, 7420, 8573, 9715
FERROCYANIDES: 6428
FERROUS COMPOUNDS: 3418, 6439
FERTILITY: 5983, 9287, 9660
FERTILIZATION: 546, 1425, 2334, 3521, 4370, 5558, 6063, 6360, 7491, 8088, 8112, 8119, 8189, 10039–10040
FETAL ANOXIA: 6051, 8528
FETAL BLOOD: 1735, 2049, 2708 2751, 4391, 4855, 4965, 5078, 8213, 8982, 9013, 9233, 9513
FETAL DEATH: 987, 993, 2087, 2683, 3447, 3565, 3960, 4772, 6740, 6767, 8709, 9421, 9803
FETAL DISEASES: 1476, 3960, 7176, 7412, 7506, 7559, 7831, 9421
FETAL DISTRESS: 2684
FETAL HEART: 5078, 9885, 9963
FETAL HEMOGLOBIN: 78, 1143, 1184, 3211, 4855, 9199, 10278
FETAL MEMBRANES: 6629, 6949
FETOMATERNAL TRANSFUSION: 3761
FETUS: 259, 707, 776, 1858, 2732–2733, 2810, 2971, 4109, 4417, 5591, 7982, 9758, 9885
FEVER: 180, 273, 343, 670, 871, 934, 1644, 1832, 1842, 2281, 2575, 3284, 4478, 4482, 4561, 4741, 5224, 5317, 5586, 5625, 5701, 5827, 5922, 6500, 6685, 6839, 7633, 7864, 7869, 8130, 8591, 8638, 9339
FEVER OF UNKNOWN ORIGIN: 3174, 8681
FEVER THERAPY: 5070, 5610, 6929
FIBER OPTICS: 10228
FIBRIN: 134, 160, 176, 198, 223, 232, 289, 309, 344, 411, 465, 517, 525, 561, 600, 654, 708, 754–755, 758, 905, 984, 1039, 1069, 1090, 1112, 1121, 1128, 1131, 1185, 1197, 1262, 1349, 1393, 1407, 1418, 1463, 1649, 1679, 1734, 1737, 1864, 1992, 2007, 2075, 2103, 2126, 2142, 2155, 2193, 2208, 2219, 2221–2222, 2274, 2287, 2312–2313, 2337–2338, 2366, 2444, 2472, 2558, 2561, 2564, 2614, 2629, 2692, 2732–2736, 2807, 2883, 2906, 2915, 2992, 3014, 3067, 3102, 3111, 3184, 3189, 3222, 3240, 3250, 3326–3327, 3362, 3398, 3509, 3513, 3544, 3664, 3738–3739, 3763, 3779, 3785, 3787–3788, 3885, 3927, 3931, 3971, 4067, 4097, 4134, 4142, 4312–4313, 4420–4421, 4492, 4717, 4723, 4752, 4773, 4794, 4957, 5011, 5044, 5141, 5160, 5176, 5182, 5259, 5417, 5479, 5495, 5525, 5582–5583, 5613, 5712, 5716, 5768, 5794, 5877, 5908, 5948, 6010, 6097, 6102, 6220, 6328, 6336, 6376, 6409, 6442, 6459–6460, 6487, 6528, 6543, 6549, 6568, 6642, 6680, 6710, 6714, 6719, 6725–6726, 6869, 6878–6879, 6883, 6949, 6957, 6971, 6974, 6999, 7006, 7030, 7042, 7057, 7122–7123, 7223, 7232, 7348, 7371, 7381, 7449, 7464–7465, 7496, 7532, 7601, 7689, 7691, 7764, 7807, 7866, 7887, 7895, 7967, 8001, 8048, 8173, 8187, 8200, 8204, 8209, 8299, 8325, 8340, 8346, 8394–8395, 8402, 8523, 8583, 8593, 8610–8611, 8655, 8689, 8716, 8732, 8749, 8789, 8815, 9092, 9100, 9111, 9166, 9183, 9208, 9281, 9331, 9389, 9409, 9558, 9692, 9799, 9826, 9997, 10037–10038, 10056, 10259
FIBRIN FIBRINOGEN DEGRADATION PRODUCTS: 13, 15–16, 134, 146, 159, 198, 221, 223, 226, 293, 309, 664, 672, 691, 726, 743, 848, 915, 984, 991, 994, 1126, 1129–1130, 1262, 1349, 1360, 1398, 1430–1431, 1507, 1511, 1560, 1736, 1739, 2107, 2126, 2248, 2301, 2338, 2356, 2403, 2405, 2456, 2585, 2716, 2794–2796, 2801, 2857, 2880, 2964, 3272, 3346, 3372, 3656–3657, 3686, 3704–3705, 3785, 3868, 3931, 4213, 4388, 4700, 4705, 4772, 4931, 5043, 5048, 5107, 5180, 5183, 5259, 5431, 5449, 5493, 5497, 5613, 5706, 5712, 5769, 5785, 5832, 5878, 5896, 5942, 5955, 5957, 5996, 6262, 6326, 6370, 6409, 6448, 6460, 6491, 6528, 6634, 6644, 6766, 6774, 6855, 6883, 7006, 7371, 7381, 7385, 7433, 7497, 7531, 7688, 7866, 7869, 8001, 8048, 8253, 8346, 8401–8402, 8487, 8575, 8610, 8984, 9026, 9047, 9067, 9165, 9233, 9310, 9415, 9628, 9820, 10163, 10207
FIBRIN FOAM: 2184
FIBRINOGEN: 45, 69, 90, 106, 134, 145, 153–154, 159, 167, 215, 219, 221, 223–224, 226, 230–232, 257, 266, 281, 293, 309, 344, 360, 367–368, 403, 440, 450, 466, 473, 507, 514, 518, 541, 548, 560, 664, 672, 708–709, 743, 749, 758, 771, 792, 842, 848, 900, 905, 915, 918, 934, 956, 963, 984, 990–991, 993, 1003, 1027, 1092, 1103, 1117, 1120–1121, 1126, 1129–1130, 1185, 1189, 1197, 1200, 1204, 1214, 1219, 1240, 1257–1258, 1262, 1317, 1344, 1353, 1384, 1398, 1409, 1423, 1432–1433, 1507, 1535, 1545, 1548, 1554, 1560, 1576–1577, 1585, 1622, 1675, 1692, 1711, 1713, 1724, 1734, 1736–1737, 1801, 1804–1805, 1817, 1831, 1866, 1929, 1959, 1997, 2003, 2063, 2091, 2103, 2107, 2127, 2142, 2173–2174, 2192, 2211, 2219–2223, 2229, 2238, 2264, 2274, 2280, 2301, 2305, 2313, 2330, 2337–2338, 2381, 2405, 2445, 2449, 2454–2456, 2467, 2491, 2501, 2552, 2589, 2605, 2613–2614, 2691, 2709, 2711–2712, 2716, 2741–2742, 2793, 2808, 2812, 2838, 2868–2870, 2880, 2883, 2885, 2914–2916, 2936, 2963–2965, 2991, 3000, 3066–3067, 3097, 3101–3102, 3186, 3189, 3233, 3245, 3259, 3266, 3326–3327, 3362, 3435–3436, 3475, 3489, 3509, 3513, 3517, 3544–3545, 3565, 3607, 3613, 3645, 3664, 3672, 3685, 3693, 3733, 3750, 3763, 3784, 3841, 3881, 3885, 3890, 4032, 4053, 4075, 4082, 4093, 4104, 4158, 4185, 4209, 4272, 4278, 4287, 4290–4291, 4312, 4338, 4372, 4386–4387, 4458, 4463, 4465, 4468–4469, 4490–4492, 4577, 4648, 4680, 4699, 4702, 4716, 4752, 4770, 4772, 4776, 4800–4801, 4815–4817, 4822, 4866, 4965, 4976, 5011, 5023, 5038, 5043, 5048, 5051, 5115, 5117, 5140, 5155, 5158, 5163, 5180–5184, 5186, 5269, 5288, 5297, 5352, 5417–5418, 5428, 5434–5435, 5493, 5495–5497, 5507, 5514, 5525–5526, 5566, 5585, 5598, 5613, 5628, 5712, 5716, 5720, 5767–5768, 5778, 5785, 5823, 5876, 5882, 5887, 5896, 5903, 5908, 5948, 5992, 5996, 6002, 6009–6011, 6013, 6030, 6048, 6065, 6097, 6100, 6114, 6150, 6154, 6169, 6171, 6252, 6287, 6326, 6342, 6346, 6362, 6365, 6368, 6370, 6374, 6382, 6387, 6389, 6409, 6442, 6459, 6475, 6510, 6543, 6596, 6622, 6634, 6642, 6666, 6713–6714, 6719, 6736, 6766, 6855, 6858, 6879, 6886, 6957, 6960, 6964, 6967, 7036, 7071, 7131, 7161, 7173, 7223, 7254, 7263–7264, 7292, 7294, 7337, 7343–7344, 7376, 7381, 7386, 7461, 7464–7465, 7472, 7481, 7508, 7528, 7531, 7537, 7558–7559, 7572, 7574, 7596, 7603, 7649, 7653, 7664, 7689, 7691–7692, 7726, 7809, 7825, 7837, 7843, 7847, 7879–7880, 7891, 7900, 7928, 7941, 7943, 7958, 7963, 7987, 8001, 8013–8014, 8028, 8045, 8056, 8066, 8092, 8126, 8169, 8173, 8176–8177, 8253, 8261, 8270, 8273, 8288, 8311, 8323, 8330, 8351, 8371, 8375, 8394–8395, 8402–8403, 8409, 8422, 8458, 8517, 8523, 8565, 8575, 8579, 8583, 8611, 8616, 8647, 8674–8675, 8687, 8714, 8718, 8728, 8757, 8759, 8773, 8780, 8789–8791, 8811, 8827, 8829, 8856, 8859, 8895, 8972–8973, 8978, 9047, 9087, 9092, 9165, 9211, 9223, 9237, 9278–9279, 9295, 9301, 9309–9310, 9331–9332, 9370, 9402, 9415, 9522, 9608, 9691–9692, 9706, 9714, 9721, 9739, 9768, 9784, 9805, 9820–9821, 9841–9842, 9869, 9875, 9891, 9903, 10043, 10102, 10104–10105, 10138, 10173, 10189, 10214–10215, 10259, 10270
FIBRINOLYSIN: 11, 215, 221–222, 224, 226, 229, 231, 265–266, 309, 334, 445, 473, 480, 505, 579, 797, 906, 915, 932, 1003, 1019, 1116, 1130, 1162, 1257, 1451, 1533, 1542, 1553, 1612–1614, 1647, 1705, 1708–1709, 1711, 1904, 2105, 2117, 2166, 2215, 2223, 2248, 2251, 2296, 2338, 2347, 2564, 2576, 2585, 2649, 2828, 2856–2857, 2886, 2915, 2917, 3101, 3236, 3255, 3329, 3406, 3419, 3513, 3533–3534, 3635–3636, 3675, 3687, 3695, 3704, 3739, 3788, 3829, 3868, 3885, 3900, 3921, 4061, 4127, 4134, 4337, 4469, 4491–4492, 4503, 4535, 4608, 4653, 4698, 4793, 4886, 4928, 5176, 5383–5384, 5423–5424, 5431, 5606, 5876, 5903, 5939, 5941, 6002, 6006, 6016, 6150, 6269, 6323, 6334–6335, 6338–6339, 6341, 6368, 6404, 6432, 6578, 6714, 6802, 6865, 6926, 6995, 7035, 7095, 7126, 7225, 7268, 7302, 7423, 7498–7499, 7518, 7531, 7664, 7670, 7760–7761, 7827, 7866, 7988, 8025, 8253, 8271, 8299, 8346, 8395, 8455, 8458, 8610, 8669, 8673, 8801, 8817, 8900, 8902–8903, 8940–8941, 8980, 8982, 8992, 9026, 9225, 9288, 9587, 9637, 9646, 9714, 9765–9766, 9893, 9996, 9998, 10069, 10125, 10249, 10286
FIBRINOLYSIS: 15–16, 18, 26, 62, 108, 134, 145, 176, 199–201, 203, 215, 221–222, 224, 226–232, 256, 266–267, 309, 342–343, 351, 355, 430, 442, 465, 480, 533, 542–543, 548, 589, 609–610, 629, 665, 669, 725–726, 755, 758–760, 807, 825–826, 849, 878, 902, 915, 932, 951, 970, 991, 994, 1007, 1011, 1082, 1128, 1168–1169, 1201–1202, 1204, 1219, 1240, 1253, 1304, 1339, 1349, 1370, 1430, 1460, 1477, 1490, 1502, 1507, 1546, 1553, 1560, 1591, 1600, 1623, 1655, 1672, 1679–1680, 1698, 1711, 1733–1734, 1739, 1868, 1960, 1969–1970, 2031, 2095–2096, 2103, 2106–2107, 2136, 2155, 2176, 2216, 2237, 2264, 2274, 2327, 2338, 2366, 2435, 2444, 2471–2472, 2550, 2561, 2585, 2652, 2665, 2708, 2732–2736, 2761, 2801, 2838, 2859, 2880–2881, 2915, 2918–2919, 2934–2935, 2979, 2994, 2997, 2999, 3066–3067, 3101, 3132,

3153, 3157–3158, 3236, 3247, 3323, 3380, 3398, 3406, 3409, 3423, 3431–3432, 3495, 3513, 3530, 3532, 3554, 3565, 3673–3674, 3686, 3691, 3698, 3703, 3732–3734, 3738, 3754, 3757, 3784, 3827, 3867–3868, 3882, 3884–3885, 4023, 4069, 4133, 4209, 4258, 4273, 4290, 4292, 4372, 4431, 4468–4469, 4496, 4503, 4517, 4575, 4680, 4719, 4746, 4772–4773, 4777, 4782–4783, 4798–4799, 4807–4808, 4816–4817, 4886, 4922, 4930–4931, 4979, 4991, 5002, 5023, 5041–5042, 5045–5049, 5051–5052, 5064, 5066, 5109–5112, 5114, 5148, 5164, 5176, 5214, 5217, 5222, 5260, 5330, 5380, 5383, 5418, 5434–5435, 5447, 5493, 5497, 5505, 5566, 5579, 5645, 5712, 5761, 5798, 5835, 5837, 5868, 5905, 5907, 5953, 5982, 6003–6004, 6006, 6049, 6059, 6073–6074, 6119, 6154, 6197, 6209, 6211, 6319, 6326, 6336, 6338–6340, 6389, 6474, 6494–6495, 6549, 6556, 6580, 6598, 6619–6620, 6657, 6663, 6714, 6725, 6805, 6868, 6886, 6926, 6967, 6970, 6975, 6978–6979, 6981, 7004, 7006, 7036, 7043, 7056, 7058, 7119, 7141, 7151, 7222, 7225, 7230, 7252, 7305, 7322, 7326, 7337, 7385, 7423, 7496, 7499, 7571, 7573, 7634–7635, 7648–7650, 7652, 7664, 7692, 7712, 7731, 7735, 7761, 7767, 7807, 7835, 7838, 7853, 7866, 7900, 7921, 7949–7951, 7958, 7967, 8001, 8012, 8017, 8048, 8104, 8178, 8216, 8268, 8371, 8385, 8425, 8517, 8544, 8560, 8562, 8625, 8647, 8651, 8655–8656, 8669, 8714, 8732, 8757, 8848, 8865, 8978–8982, 9018, 9045, 9047, 9059–9060, 9096, 9106, 9152, 9165, 9208, 9211, 9225, 9233, 9282, 9297, 9311, 9335, 9350, 9373, 9375, 9410–9411, 9415, 9498, 9537, 9541, 9543, 9553, 9590, 9613, 9628, 9661, 9669, 9682, 9694, 9745, 9757, 9800, 9805, 9819–9820, 9834, 10049, 10069–10070, 10138, 10186, 10207, 10223, 10286, 10290, 10338, 10373

FIBRINOLYTIC AGENTS: 62, 227, 231–232, 351, 404, 603, 647, 671, 692, 734, 874, 973, 1115, 1238, 1369, 1477, 1498, 1534, 1709, 1932, 2065–2066, 2095–2096, 2136, 2251, 2307–2308, 2365, 2404, 2604, 2634, 2770, 2799, 2931–2932, 2937, 3039, 3085, 3287, 3295, 3405, 3508, 3703, 3718, 3734, 3845–3846, 3882, 3926, 4018, 4109, 4140, 4344, 4455, 4463, 4579, 4698, 4879, 4890, 4931, 5044, 5046, 5071, 5156, 5287, 5350, 5545, 5624, 5802, 5904–5907, 5939–5940, 6001, 6117, 6153, 6165, 6544, 6635, 6859, 7026, 7059, 7129, 7182, 7321, 7388, 7419, 7541, 7582, 7594, 7853, 7944, 7949, 8001, 8130, 8326–8327, 8412, 8545, 8669, 8802, 8868, 8984, 9225, 9309, 9399, 9404, 9497, 9602, 9676, 9694, 9862, 10302, 10338, 10351, 10354

FIBRINOPEPTIDES A: 319, 848, 1258, 1433, 1805, 2222, 2838, 2883, 3763, 6713, 6774, 8176, 8509, 8674–8675, 9165

FIBRINOPEPTIDES B: 848, 1258, 1805, 2222, 2838, 2883, 6713, 8394, 8675, 9087

FIBROBLASTS: 127, 181–182, 439, 565, 701, 873, 1137, 1192–1193, 1218, 1416–1417, 1920, 2171, 2193, 2212, 2622, 2731, 2763, 2902, 2980, 3123, 3306, 3366, 3381, 3687–3689, 3961–3962, 3973, 4001, 4010, 4017, 4267, 4648–4649, 4743, 5427, 5439, 5477, 6037, 6299, 6369, 6371, 6403, 6602, 6646, 6951, 7237, 7268, 7308, 7312, 7341, 7455, 7634, 8866, 9169, 9648, 9935–9936, 10133, 10244

FIBROMA: 919, 1428, 3642, 4626, 5650, 5750, 7179, 7437, 8498, 9719, 9885, 9887, 10065

FIBROMATOSIS GINGIVAE: 3291

FIBROSARCOMA: 402, 1428, 5544, 6959, 7179, 8234, 9955

FIBROUS DYSPLASIA OF BONE: 3523, 8234

FIBULA: 685, 3307–3308

FICIN: 382, 549, 1088, 3026, 4157, 4294, 6177, 7051, 8000, 8435–8436

FICOLL: 2559

FICUSIN: 339–340, 1008, 1198, 1496, 2753, 3727, 4152, 4160, 4365, 4952, 5192–5193, 5359, 5468, 5519, 5588, 6901, 7411, 7705, 8238, 9712, 10232, 10329

FILTRATION: 777, 1190, 1453, 1557, 1561, 1580, 2243, 2253, 2791, 2800, 3375, 3399, 3437, 3482–3484, 3634, 3858, 4266, 4431, 4472, 4764, 5351, 6820, 7392, 8079–8080, 8116, 8180, 8237, 8514, 9229, 9797, 9881

FINGER INJURIES: 1853, 6120, 6354, 9065, 9856

FINGERS: 540, 575, 1855, 1997, 2088, 3290–3291, 4535, 5212, 8163, 9065, 9548, 9856

FIRST AID: 2266, 3009, 6744

FISH PRODUCTS: 8118, 9981

FISHES: 75–77, 974, 1663, 2072, 2215, 2440, 3052, 4260, 5105, 5664, 5976, 6207, 6296, 6402, 6629, 8605, 9160, 10285

FISTULA: 4553, 5340, 6861, 7974, 8154, 9129, 9475, 9617, 9894

FIXATIVES: 4142, 6012

FLAGELLA: 6789, 8787

FLAVINS: 4638–4639, 7364

FLAVOBACTERIUM: 5486

FLAVODOXIN: 2272, 9080–9081

FLAVONES: 939, 1485, 3045, 7090, 7671, 8314

FLAVOPROTEINS: 2272, 2843, 3075, 5793, 9080–9081

FLAVORING AGENTS: 6872

FLOCCULATION: 7065

FLOWMETERS: 1997, 2936, 7878, 9885

FLUCYTOSINE: 7788

FLUFENAMIC ACID: 4808, 5021

FLUNITRAZEPAM: 2260

FLUORESCAMINE: 937, 6865, 8271

FLUORESCEINS: 1930, 2967, 4582, 5770, 5845, 7877, 8807, 9984

FLUORESCENCE: 44, 547, 1042, 1930, 4483, 5524, 8419, 8484

FLUORESCENCE ANGIOGRAPHY: 1183, 3274, 3778, 3818, 4234, 4970, 5624, 6117, 6632, 7877, 9509

FLUORESCENT ANTIBODY TECHNIC: 131, 507, 514, 517, 792, 1226, 1463, 1546, 1810, 1823, 2145, 2558, 2574, 2851, 2867, 2972, 3805, 3924, 4003, 4027, 4097, 4225, 4371, 4401–4402, 4490, 4773, 4951, 5527, 5660, 5851, 5965, 6173, 6399, 6457, 6487, 6525, 6869, 6879, 6974, 7122–7123, 7418, 7784, 7801, 7826, 7960, 8388, 8484, 8486, 8622, 8675, 8886, 8935, 9057, 9208, 9331, 9389, 9409, 9508, 9667, 9956, 10145

FLUORESCENT DYES: 1041–1042, 1344, 1864, 2543, 4709, 4954, 8808, 10266

FLUORIDES: 697, 1098, 1416, 2719, 3772, 4239, 4262, 4557, 4775, 5131, 6461, 7694, 7888, 8540, 9114, 9267, 10127

FLUORINE: 1590, 3054, 6197

FLUOROBENZENES: 5774, 8478, 9140

FLUOROCARBONS: 1212

FLUORODEOXYURIDINE: 1056, 2141

FLUOROMETRY: 2702, 4735, 6637, 8296

P-FLUOROPHENYLALANINE: 3638

FLUOROSCOPY: 882

FLUOROURACIL: 979, 1473, 2673, 4147, 4362

FLURBIPROFEN: 1665, 6347

FMN: 5036, 8920

FOAM CELLS: 3700, 7076

FOCAL INFECTION, DENTAL: 240

FOLIC ACID: 2177, 3304, 3393, 5815, 6849, 7476, 7480, 7719, 8629

FOLIC ACID ANTAGONISTS: 1812, 5674

FOLIC ACID DEFICIENCY: 669, 1638, 1846, 3367, 3926

FOLK MEDICINE: 10144

FOLLOW-UP STUDIES: 14, 112, 252, 317, 419, 689, 894, 929, 943, 1358, 1489, 1602, 1641, 1806, 1899, 2001, 2035, 2059, 2199, 2202, 2229, 2321, 2376, 2584, 2697, 3028, 3050, 3066, 3127, 3160, 3305, 3308, 3321, 3383, 3453, 3468, 3541, 3606, 3678, 3850, 3936, 3943, 3953, 3964, 4103, 4109, 4281, 4295, 4340, 4364, 4428, 4536, 4553, 4566, 4617, 4730, 4738, 4755, 4831, 4911–4912, 4949, 4958, 4969, 5081, 5211, 5249, 5335, 5356, 5462, 5470, 5760, 5771, 5911, 5943, 5951, 5988, 6069, 6343, 6354, 6540, 6573, 6586, 6607, 6676–6677, 6721, 6776, 6819, 6922–6923, 6996, 7052, 7196, 7297, 7349, 7526–7527, 7595, 7746, 7750, 7792, 7917, 7979, 7990, 8003, 8117, 8306, 8327, 8377, 8496, 8746, 8751–8752, 8851, 8890, 8974, 8999, 9021, 9127, 9178, 9475, 9515, 9528, 9543, 9630, 9635, 9685, 9894, 10213, 10257, 10275

FOOD: 3660, 4669, 5699, 7521, 7717, 7802, 8755

FOOD ADDITIVES: 1235

FOOD ANALYSIS: 7066

FOOD, ARTIFICIAL: 9981

FOOD CONTAMINATION: 1527, 2788

FOOD, FORTIFIED: 2904, 6305, 9544

FOOD HABITS: 4668

FOOD HANDLING: 4823, 5747, 6285

FOOD HYPERSENSITIVITY: 2599, 3574, 5373, 6392, 7339, 7509, 7964

FOOD MICROBIOLOGY: 442, 1923, 2113, 2160, 5091, 5296, 8699

FOOD PRESERVATION: 52, 5091

FOOD-PROCESSING INDUSTRY: 7322, 7509, 8297, 9544

FOOT: 1611, 1662, 1819, 3056–3057, 3094, 6151, 9506

FOOT-AND-MOUTH DISEASE VIRUS: 772, 1002, 1464, 6076

FOOT DEFORMITIES, ACQUIRED: 1927

FOOT DERMATOSES: 6594, 7515, 8425, 9970

FOOT DISEASES: 296, 1611, 1787, 5379, 9075, 10264

FOOTBALL: 4377, 9763

FORCED EXPIRATORY VOLUME: 5491

FOREARM: 453, 645, 1367, 2151, 2213, 2371, 2647, 3586, 3726, 4315, 5171, 6698, 8863, 9745

FOREHEAD: 3219

FOREIGN BODIES: 327, 1483, 1718, 1769, 2470, 2509, 5463, 8158, 9385

FOREIGN BODY MIGRATION: 1483, 6291, 9000, 9454

FOREIGN BODY REACTION: 7369, 9129, 9187

FORELIMB: 6867

FORENSIC MEDICINE: 912, 3030, 8197, 9320

FORMALDEHYDE: 1147, 1393, 1755, 3772, 3948, 4877, 5281, 5387, 6710, 7163, 8322, 8836, 9680

FORMALIN: 1197, 5387, 6243, 6718

FORMAMIDES: 10118

FORMIC ACIDS: 158, 6806, 9525, 9667

FORMYLTETRAHYDROFOLATE SYNTHETASE: 7050

FORSSMAN ANTIGEN: 6611, 7745

FOURIER ANALYSIS: 866, 941–942, 4031, 4924, 5663, 7524, 8626
FOXES: 1160, 1936
FRACTIONAL PRECIPITATION: 2901, 4338, 4807, 6010
FRACTIONATION: 698, 1655, 3533, 4141, 5337, 6339, 6457, 7131, 8481
FRACTURE FIXATION: 764, 8228
FRACTURE FIXATION, INTERNAL: 1031, 4060, 4536, 6908, 7844, 8597, 10327
FRACTURE FIXATION, INTRAMEDULLARY: 764, 1313, 3086
FRACTURES: 702, 756, 764, 1313, 1606, 3307–3308, 3349, 3607, 5171, 5239–5241, 5328, 5598, 5673, 6019, 6344–6346, 6975, 7649, 7941, 8144, 8373, 8422, 8516, 9827, 9993, 10327, 10337, 10392
FRACTURES, SPONTANEOUS: 2196
FREE RADICALS: 494, 819, 1362, 1385, 4474, 6575
FREEZE DRYING: 606, 1078, 2586, 2837, 4590, 4844, 6190, 8695, 8961, 9643
FREEZE ETCHING: 2086, 9845
FREEZE FRACTURING: 5603, 6042, 6116, 8294, 9168, 9796
FREEZING: 72, 99, 141, 178, 468–469, 606, 864–865, 1151, 1227, 1229, 1279, 1436, 1656, 1746–1747, 1845, 1996, 2239, 2243, 2303, 2586, 2784, 2803, 3159, 3285, 3378, 3740–3741, 4041, 4427, 4534, 4554, 4656, 4687, 4818, 5037, 5382, 5490, 5639, 5678, 5791, 5806, 5849, 5925, 6042, 6105–6107, 6174, 6552, 6774, 6911, 7045, 7156, 7416, 7697, 8077, 8081, 8088, 8257, 8289, 8438, 8511, 8567, 8587, 8592, 8694, 9135, 9146, 9170, 9317, 9329, 9478–9479, 9501, 9932, 10007, 10390
FRESH WATER: 5541
FREUND'S ADJUVANT: 1598, 2807, 3912, 4376, 7232
FRIEND VIRUS: 714, 1199, 6799, 8041, 9239
FROGS: 1167, 3811, 4252, 4519, 504-, 5052, 6655, 7404, 7590, 8659, 9160
FRONTAL BONE: 4161
FRONTAL LOBE: 1873
FROSTBITE: 521, 2266, 2470, 2715, 6884, 9735
FROZEN FOODS: 5091
FRUCTOSE: 4998, 8087
FRUCTOSE INTOLERANCE: 6096
FRUCTOSEDIPHOSPHATE ALDOLASE: 154, 3816, 4720, 6096, 7832
FRUCTOSEPHOSPHATES: 3667, 9246
FRUIT: 3283
FSH: 804–805, 2092, 5088, 7607, 7899, 8865
FTORAFUR: 4362
FUCHSIN: 8325
FUCOSE: 3001, 7936, 8005, 8897
FUCOSIDASE: 927, 7808, 7909
FUMARATE HYDRATASE: 1292, 4400, 5401, 7769
FUMARATES: 2115, 3641
FUNCTIONAL RESIDUAL CAPACITY: 7192
FUNDUS FLUORESCENCE PHOTOGRAPHY: 1165, 1763, 4293, 4616, 4856, 7595, 7877, 8419
FUNDUS OCULI: 3731, 8419
FUNGAL PROTEINS: 451–452, 1286, 2418, 3954, 6708, 9353
FUNGI: 845, 1976, 9028
FURANS: 739, 1518, 2583, 2954, 5731, 6079, 9736, 10059, 10333
FURAZOLIDONE: 3917
FUROSEMIDE: 1591–1592, 1716, 1847, 2702, 2957, 3214, 3945, 4366, 4433, 4619, 6428, 7143, 7387, 7606, 7687, 8466, 9228, 9386, 10272
FUSARIUM: 2561
FUSIDIC ACID: 5601
FUTUROLOGY: 1731, 6086, 7833

G

GABA: 5489, 7221, 8629
GADOLINIUM: 867, 1939, 2482–2483, 7370
GAIT: 5001, 9705
GALACTOSAMINE: 234, 4732, 4866, 5450, 5767, 6498
GALACTOSAMINIDASE: 7909
GALACTOSE: 1818, 9232
GALACTOSE OXIDASE: 4589, 7168
GALACTOSEMIA: 6096, 7047, 10181
GALACTOSIDASES: 927, 1104, 1755, 1818, 2749, 3816, 3864, 4311, 4494, 5793, 6163, 6361, 6706, 6777, 9284
GALACTOSIDES: 9459
GALACTOSYLCERAMIDASE: 6706
GALACTOSYLTRANSFERASES: 262, 372, 3854
GALLBLADDER: 5198, 5471, 8150, 8560
GALLBLADDER DISEASES: 4997, 6315
GALLBLADDER NEOPLASMS: 1102, 5996, 10369
GALLIC ACID: 1521, 5262
GALLIUM RADIOISOTOPES: 3890, 6470, 6621, 9882
GAME THEORY: 2921
GAMES, EXPERIMENTAL: 2921
GAMMA GLOBULINS: 369, 505, 1016–1017, 1443, 1570, 1607, 1844, 2080, 2294, 2625, 3426, 3874, 4075, 4097, 4103, 4165, 4606, 4716, 7006, 7118, 7212, 7232, 7262, 7361, 7639, 7897, 8181, 9223
GAMMA RAYS: 494, 760, 802–803, 823, 1361, 2731, 4966, 4982, 6257, 6575, 6961, 8059, 8998
GANGLIA: 6092, 6248
GANGLIA, AUTONOMIC: 8505
GANGLIA, BASAL: 4184
GANGLIONEUROMA: 8191
GANGLIOSIDES: 1011, 2682
GANGRENE: 169, 434, 575, 1518, 1660, 2188, 2604, 2635, 2713, 3588, 4053, 4057, 4939, 5212, 5379, 5696, 6564, 7751, 8031, 8163, 8505, 8530, 9735, 9798, 10088
GARLIC: 4258
GAS GANGRENE: 5932
GASES: 2188, 3204, 9595, 9790
GASTRECTOMY: 1099, 2490, 2536, 2704, 5699, 9145
GASTRIC ACIDITY DETERMINATION: 7273
GASTRIC INHIBITORY POLYPEPTIDE: 10127
GASTRIC JUICE: 186, 270, 1220, 2134, 2204–2205, 3248, 3301, 3811, 4250, 4906, 5396, 7078, 7273, 7895, 9290, 9349, 9707, 9981, 10016
GASTRIC MUCOSA: 762, 1180, 3023, 3271, 3300, 3618, 3811, 4194, 4250, 5396, 5800, 6500, 7715, 8033, 8559, 9686, 9709
GASTRIN: 1099, 2204, 7273
GASTRITIS: 56, 1653, 3874, 4127, 5446, 9294, 9349
GASTROENTERITIS: 2067
GASTROENTEROSTOMY: 2490
GASTROINTESTINAL DISEASES: 212, 270, 1541, 1562, 2395, 3728, 3855, 4042, 4107, 4324–4325, 5523, 5570, 5922, 6241, 6303, 6839, 7010, 7273, 7390, 7605, 8179, 8520, 8749, 9017, 10179
GASTROINTESTINAL HORMONES: 348, 3379, 3908, 4238, 5198, 7218
GASTROINTESTINAL MOTILITY: 2439, 5953, 7273
GASTROINTESTINAL NEOPLASMS: 4867, 5080, 6241, 6504, 7351
GASTROINTESTINAL SYSTEM: 156, 1691, 2067, 2764, 3129, 3158, 4834, 4887, 5373, 6492, 6500, 6562, 6798, 8515, 9707, 10179
GASTROSCOPY: 2020
GASTROSTOMY: 5508, 5699
GAUCHER'S DISEASE: 2392, 7808, 8301
GEESE: 437, 8451
GEL DIFFUSION TESTS: 25, 79, 249, 354, 514, 549, 1017, 1039, 1066, 1171, 1233, 1317, 1322, 1344, 1536, 1542, 1545, 1722, 1903–1904, 1919, 2003, 2178, 2219, 2306, 2457, 2459, 2468, 2640, 2851, 2914, 2965, 3131, 3255, 3411, 3421, 3435, 3480, 3488, 3868, 4124, 4176, 4206, 4227, 4302, 4308, 4413, 4492, 4591, 4884, 4917, 5324, 5433, 5442, 5600, 5605, 5647, 5837, 5880, 6061, 6076, 6334, 6479, 6493, 6629, 6808–6809, 6812, 6826–6827, 6834, 6850, 6896, 7546, 7985, 8083, 8218, 8618, 8622, 8673, 8692, 8789, 8945, 9015, 9026, 9049, 9056, 9383, 9446, 9756, 10132, 10181, 10229
GELATIN: 871, 1561, 2006, 2561, 2681, 3474, 4416, 4821, 4890, 5717, 6138, 6996, 7057, 7179, 7977, 9906
GELFOAM: 208, 582, 710, 2520, 5682, 7107, 7400, 9128, 9185, 9670
GELS: 384, 1209, 1418, 1679, 2903, 4142, 4387, 6510–6511, 6520, 6777, 7103, 7659, 8052, 8395, 8806, 9022, 9784, 10034, 10259, 10269, 10299
GENE FREQUENCY: 3125, 3253, 4745, 8332, 8536
GENERAL PRACTICE: 770, 5229
GENES: 365, 1292, 1348, 2485, 3068, 3351, 4400, 5430, 5728, 6163, 6259, 7009, 7076, 7112, 7332, 8405, 8536, 8938, 9744
GENES, DOMINANT: 150, 1056, 3289, 3352, 4709, 5607
GENES, LETHAL: 4709
GENES, RECESSIVE: 1056, 4926, 5400, 5607, 10318
GENES, REGULATOR: 1056, 3024, 4367, 4494, 7593, 9987, 10022
GENES, STRUCTURAL: 189, 903, 1340, 2441, 4390, 4542, 4635, 5659, 7140, 8787, 9823, 9825
GENES, SUPPRESSOR: 492, 1056, 7754
GENETIC CODE: 8434, 8453
GENETIC COUNSELING: 2261, 3333, 5607, 5871
GENETIC TECHNICS: 652, 7312
GENETICS: 679, 5726, 6906
GENETICS, BEHAVIORAL: 1686, 5154
GENETICS, BIOCHEMICAL: 676, 778
GENETICS, HUMAN: 5726, 6228, 6906, 9307
GENETICS, MICROBIAL: 8362
GENETICS, POPULATION: 676, 5353, 5728, 8332
GENITAL DISEASES, MALE: 2650, 4769, 7577
GENITALIA: 6256, 8074
GENITALIA, FEMALE: 1012
GENITALIA, MALE: 595

GENOTYPE: 1056, 1394, 1476, 1920, 3196, 3478, 3761, 5468, 6434, 8660, 8725, 9527, 9823, 9965
GENTAMICIN: 2434, 4767, 7969, 8317, 8550
GENTIAN VIOLET: 442
GEOGRAPHY: 1094, 5852, 5945
GERBILS: 142, 3350, 9531
GERIATRIC NURSING: 9967
GERM CELLS: 1
GERM-FREE LIFE: 2462, 3036, 8495, 10194
GESTATIONAL AGE: 176–177, 259, 1114, 1784, 4417, 5272, 8027, 8528, 9013, 9388
GIANT CELL TUMORS: 1927, 4161
GIARDIASIS: 3209
GIBBERELLINS: 3100
GILLES DE LA TOURETTE'S DISEASE: 5153
GINGIVA: 497–498, 1217, 3798, 7981, 8948
GINGIVAL DISEASES: 2520, 3290, 7981
GINGIVAL EXUDATE: 8913, 8948, 9525
GINGIVAL HEMORRHAGE: 817
GINGIVAL HYPERPLASIA: 6433
GINGIVAL HYPERTROPHY: 5718
GINGIVAL NEOPLASMS: 3197
GINGIVAL POCKET: 8913
GINGIVITIS: 498, 9525
GIZZARD: 4261, 6402
GLASS: 39, 822, 1120, 1555, 1586, 2822, 2849, 3133, 3142, 4936, 4940, 5365, 5413, 6254, 6735, 7586, 7823, 7997, 8136, 8895, 9418, 9936
GLAUCOMA: 404, 3029, 3105, 3549, 4372, 6018, 6086, 7120, 8421, 8628, 9538, 10052
GLIBENCLAMIDE: 2466, 2690, 3611
GLIOBLASTOMA MULTIFORME: 276, 4582, 7245, 7413, 9521, 9986
GLIOMA: 1658, 1934, 2480, 3843, 3988, 4582, 5083, 5354, 5621, 6678, 7704, 8165, 9719, 9887, 9986
GLOBIN: 493, 1671, 1816, 2517, 2968, 9199
GLOBULINS: 3583, 4802, 5155, 5410, 8415, 8789, 9093
GLOBUS PALLIDUS: 884
GLOMANGIOMA: 3289, 4440
GLOMERULAR FILTRATION RATE: 5311, 7433, 7686, 7688, 8291, 9062
GLOMERULONEPHRITIS: 134, 241, 514, 771, 810, 984, 1374–1376, 1461, 1463, 1990, 2405, 2472, 2544, 3076, 3192, 3442, 3794, 3907, 4032, 4579, 4831, 5095, 5158, 5520, 5709, 5832, 6104, 6384, 6394, 6487, 6529, 6543, 6591, 6879, 6978–6979, 7027, 7433, 7496, 7525, 7688, 7953, 8168, 8211, 8466–8467, 8523, 8558, 8651, 8655, 9007–9009, 9067–9069, 9097, 9152, 9167, 9389, 9558, 9617, 9903, 10207, 10274
GLOMERULOSCLEROSIS, FOCAL: 810, 5291, 9067, 9558
GLOSSOPHARYNGEAL NERVE: 4190, 5047
GLOTTIS: 2094, 5300, 5332, 7437
GLUCAGON: 40, 292, 346–347, 349, 448–449, 488, 1534, 1849, 2163, 3833, 3999, 4238, 4820, 5279, 5311, 5640, 6171, 6230, 6431, 6939, 7860, 8037–8038, 9267, 9500, 9530, 9696
GLUCOCORTICOIDS: 83, 1165, 1465, 5026, 6032, 6036, 6573, 6835, 8130, 8302, 8548, 9303, 9316, 9541, 9986
GLUCOCORTICOIDS, SYNTHETIC: 1465, 4119
GLUCOKINASE: 3444
GLUCONATES: 6684
GLUCONEOGENESIS: 7478, 7491
GLUCOSAMINE: 1250, 2458, 3387, 3487, 3680, 4482, 4732, 4737, 5086, 6306, 6467, 7102, 7237, 7626, 8005, 8443, 8897, 9813
GLUCOSAMINIDASE: 193, 2458, 2894, 6395
GLUCOSE: 93, 346–347, 436, 474, 590, 819, 824, 873, 1368, 1456, 1778, 1818, 1869, 1983–1985, 2151, 2187, 2282, 2457–2458, 2552, 2643, 2969, 2984, 3347, 3444, 3465, 3501, 3612, 3820–3821, 3940, 3954, 4083, 4102, 4434, 4637, 4830, 4907, 4928, 4998, 5165, 5336, 5345–5346, 5498, 5737, 5758, 6016, 6089, 6108, 6123, 6214, 6288–6289, 6653, 6852, 7231, 7316, 7325, 7668, 7696, 7708, 7725, 7738, 7789, 7794, 7997, 8107, 8359, 8392, 8443, 8499, 8510, 8587, 9051, 9407, 9479, 9611, 9716, 9751, 9772–9773, 10071, 10180, 10292
GLUCOSE OXIDASE: 2757, 4349, 4589, 6361, 6763, 6777, 7422
GLUCOSE SOLUTION, HYPERTONIC: 7738, 8422
GLUCOSE TOLERANCE TEST: 63, 2250, 2467, 3347, 4012, 5338, 6653, 6892, 9608
GLUCOSEPHOSPHATASE: 8847, 9794
GLUCOSEPHOSPHATASE DEFICIENCY: 6168, 8847
GLUCOSEPHOSPHATE DEHYDROGENASE: 46, 604, 703, 2617, 2622, 3253, 3315, 3444, 3662, 5401, 5723, 6361, 6582–6583, 6752, 7076, 9296, 10130, 10348
GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY: 4335, 6086, 9229
GLUCOSEPHOSPHATE ISOMERASE: 3253, 8725
GLUCOSEPHOSPHATE URIDYLYLTRANSFERASE: 1292, 4400, 6708
GLUCOSEPHOSPHATES: 3667, 5723, 7461, 8392, 8847
GLUCOSIDASES: 101, 1074, 1429, 2304, 2458, 3572, 6361, 6457, 6798, 7430
GLUCOSIDES: 2131, 2904, 4774, 6305, 7014
GLUCOSYLTRANSFERASES: 262, 6081, 8609, 9458, 9731
GLUCURONATES: 4652, 5152, 6831, 8568, 8906
GLUCURONIDASE: 182, 1873, 2583, 2763, 3175, 3911, 4083–4084, 4119, 4143, 4840, 5694, 5964, 6385, 7164, 7355, 7625, 7808, 7858, 8565, 8632, 9076, 9084, 9107, 10117
GLUTAMATE DECARBOXYLASE: 1079, 8970
GLUTAMATE DEHYDROGENASE: 376, 739, 1148, 1792, 1957, 3207, 7488
GLUTAMATES: 376, 872, 1143, 1241, 1344, 1613, 2502, 2811, 3165, 3233, 3255, 3699, 4144, 4221, 4708, 6569–6570, 7476, 8619, 8794–8795, 8969, 9769, 10307
GLUTAMINASE: 2618
GLUTAMINE: 1753, 2618, 3165, 3578, 5370, 8941
GLUTAMINE SYNTHETASE: 4248
GLUTAMYL TRANSPEPTIDASE: 662, 854, 1068, 1079, 1344, 1372, 1546, 2613, 3222, 3440, 4144, 6787–6788
GLUTARALDEHYDE: 948–949, 1147, 1188, 1489, 3063, 5509, 5770, 6012, 6254, 6467, 6710, 7806
GLUTATHIONE: 2929, 3439, 3654, 3891, 4112, 4964, 5162, 5936, 10159, 10193
GLUTATHIONE PEROXIDASE: 4326, 5196, 7116
GLUTATHIONE REDUCTASE: 4112
GLUTEN: 2599, 7895, 8681
GLUTETHIMIDE: 515, 4014
GLYCERALDEHYDE: 7694
GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE: 6582, 6720, 8185, 9708
GLYCERIDES: 431, 502, 4125, 5969, 10109, 10379
GLYCERIN: 864, 1746–1747, 1776, 1845, 2243, 2457–2458, 2939, 3148, 3681, 3802, 4206, 4554, 5104, 5502, 6105, 6107, 6796, 7725, 7727, 8247, 8250, 8289, 8333, 8712, 8894, 8958–8959, 9317, 9380, 9556, 10390
GLYCEROLPHOSPHATE ACYLTRANSFERASE: 5082
GLYCEROLPHOSPHATE DEHYDROGENASE: 4673
GLYCEROPHOSPHATES: 3667, 8538
GLYCERYL TRINITRATE: 1540, 3072, 3166, 3288, 4586, 5742, 6838, 8450
GLYCINE: 908, 1143, 1664, 1928, 4134, 4206, 4318, 4338, 4690, 7933, 8494, 8847, 9026, 9828
GLYCOGEN: 59–60, 964, 1694, 3947, 6020, 6443, 6612, 7491, 8983, 9260, 9457, 9533, 10161
GLYCOGEN PHOSPHORYLASE: 60, 2200, 4376, 6278, 9500
GLYCOGEN SYNTHETASE: 60, 5247
GLYCOGENOSIS: 7808
GLYCOLIPIDS: 612, 2053, 3081, 4439, 7909, 9458
GLYCOLS: 640
GLYCOLYSIS: 1151, 1956, 2617, 3568, 3667, 3816, 4907, 5247, 7478, 8725, 9459
GLYCOPEPTIDES: 359, 650, 1250, 2153, 3548, 3622, 4556, 5829, 7168, 7262, 7680, 8005, 8121, 9232, 9414, 9523, 9813
GLYCOPHORIN: 303, 2460
GLYCOPROTEINS: 131, 166, 168, 245–246, 248, 629, 655, 972, 1001, 1139, 1654, 1823, 1850, 1892, 2153, 2178, 2383, 2526, 2686, 2902, 3081, 3245, 3547, 3566, 3909, 3911, 4124, 4221, 4317, 4441, 4525, 4636, 4640, 4648–4649, 4717, 4737, 4751, 4759, 4784, 4988, 5008, 5088, 5147, 5451, 5605, 5683–5688, 5736, 5752, 5812, 5817, 5966, 6057, 6063, 6102, 6249, 6306, 6480, 6488–6489, 6646, 6731–6732, 6826–6827, 7167–7168, 7170, 7220, 7231, 7262, 7420, 7680, 7754, 7808, 7909, 8005, 8022–8023, 8033, 8060, 8119, 8232, 8288, 8367, 8390, 8664, 8897, 8906–8907, 9252–9253, 9353, 9357, 9458–9459, 9813, 9839, 9883, 10102, 10208
GLYCOSAMINOGLYCANS: 248, 314, 385, 387, 897, 1456, 1568, 1880, 3169–3170, 3386–3387, 4761, 5829, 6102, 6523, 6831, 6842, 7626, 8042, 8164, 8838, 8892, 9099, 9182, 9523, 10208
GLYCOSIDE HYDROLASES: 156, 547, 1030, 1261, 1311, 1818, 1976, 2861, 3864, 3965, 4988, 5811, 6360, 6532, 7676, 8041, 8572, 9049, 9248, 9357, 9362
GLYCOSIDES: 2383, 4774, 6498, 7014, 8609
GLYCOSPHINGOLIPIDS: 6498
GLYCOSURIA: 1360, 7743
GLYCOSURIA, RENAL: 1285
GLYMIDINE: 10261
GLYOXAL: 1322, 4406, 4491, 9033, 10103
GOATS: 193, 715, 792, 877, 884, 900, 1210, 1581, 1619, 2166, 2177, 2808, 4633, 6095, 8502, 8591, 9125
GOITER: 4937, 7230, 9297
GOITER, ENDEMIC: 9214
GOITER, EXOPHTHALMIC: 2550, 3523, 3843, 7219, 9887
GOITER, NODULAR: 8797
GOLD: 2798, 2801, 3855, 5058, 5402, 6316, 7374, 7570, 8545, 8908, 9787, 10087
GOLD COLLOID, RADIOACTIVE: 81, 6819
GOLD THIOMALATE: 467

GOLDFISH: 9101
GOLGI APPARATUS: 1855, 4950–4951, 7619, 7804
GONADOTROPINS, CHORIONIC: 1392, 2092, 2283, 4655, 5088, 5175, 5636, 7473, 7607, 8865
GONADOTROPINS, EQUINE: 8865
GOODPASTURE'S SYNDROME: 3076
GOUT: 1180, 2639, 5960, 8892
GRAAFIAN FOLLICLE: 6837
GRAFT REJECTION: 120, 518, 977, 1526, 1791, 1834, 2292, 2380, 2405, 2687, 2720–2721, 2857, 3312, 3395, 4568, 4592, 4594, 4718, 5291, 5294–5295, 5380, 5463, 5579, 6196, 6622, 6869, 7792, 8101, 8620, 9127, 9184, 9977, 10128, 10185
GRAFT SURVIVAL: 1109, 1144, 2743, 4730, 5227, 6867, 7111, 7115, 7639, 8101, 9111
GRAFT VS HOST REACTION: 426, 1109, 2570, 2872, 2923, 6434, 8448, 9184, 9749
GRAIN: 860, 1245, 2309, 2449, 4156
GRAM-NEGATIVE AEROBIC BACTERIA: 869, 2129, 5541, 6594
GRAMICIDINS: 1373, 2803
GRANA: 8952
GRANULATION TISSUE: 2902, 3766, 4470, 4761, 5682, 6539, 7018, 8687, 9111, 9185
GRANULOCYTES: 46, 363–364, 1146, 1226, 1813, 1930, 2356–2357, 2438, 2469, 2622, 2784, 2797, 2923, 2995–2996, 2998, 3175, 3367, 3371, 3508, 3702, 3764, 3772, 3860, 3862, 3998, 4036, 4615, 4822, 4824, 4993, 5675, 5677, 6106, 6602, 6697, 6763, 6806–6808, 6810–6811, 7112, 7135, 7372, 7625, 8074, 8076, 8079–8080, 8103, 8141, 8286, 8396, 8594, 8613, 8710, 9126, 9184, 9201, 9314, 9317, 9635, 9950–9951, 9964, 10128, 10161, 10265
GRANULOMA: 144, 504, 2244, 2509, 2602, 2675, 3027, 3184, 4773, 5694, 7331, 7436, 7594, 9409
GRANULOMA, GIANT CELL: 2520, 7981
GRANULOMATOUS DISEASE, CHRONIC: 426, 4044
GRANULOSA CELLS: 8865
GRASSHOPPERS: 1139
GRAVITATION: 2874, 5913
GRISEOFULVIN: 2123, 7606
GROSS VIRUS: 6468
GROUP PROCESSES: 8269
GROWTH: 2043, 3448, 6218
GROWTH DISORDERS: 4622, 8682, 9678
GROWTH SUBSTANCES: 258, 3306, 4763, 10245
GUAIACOL GLYCERYL ETHER: 1238
GUANETHIDINE: 1065, 4837, 5050, 6573, 7707, 9349
GUANIDINES: 210, 1015, 1705, 1825, 2205, 3785, 4512, 4748, 5163, 5268, 5375, 5612, 5998, 6078, 6237, 6506, 6729, 7017, 7832, 7918, 9353, 9774, 10154
GUANINE: 9282
GUANINE DEAMINASE: 9282
GUANINE NUCLEOTIDES: 632, 2988, 4240–4241, 4557, 6541, 9031
GUANOSINE: 4158, 9032
GUANOSINE CYCLIC 3',5' MONOPHOSPHATE: 115, 326, 1036, 1578, 1637, 1968, 3061, 3163, 3212, 3835, 4346, 6172, 6230, 6674, 7180, 7646, 7908, 8534, 9032, 9142, 10115, 10139
GUANOSINE DIPHOSPHATE MANNOSE: 2053
GUANOSINE TRIPHOSPHATE: 1968, 2533, 3162, 4240, 8589, 8926, 9267, 9505
GUANYL CYCLASE: 509, 3162, 4400, 8926
GUANYLORIBONUCLEASE: 4115, 4311, 9031–9032, 9032, 9990
GUINEA PIGS: 115, 142, 350, 643, 683, 690, 772, 877, 922, 1186, 1338, 1383, 1408, 1435, 1464, 1579, 1598, 1803, 1810, 1816, 1897, 1933, 2177, 2190, 2214, 2228, 2294, 2313–2314, 2436–2437, 2566–2567, 2649, 2751, 2807, 2849, 2929, 2996, 3020, 3092, 3193, 3342, 3361, 3429, 3440, 3532, 3570, 3590, 3710, 3817, 3841, 3912, 3922, 4003, 4036, 4225, 4263, 4270, 4294, 4886, 4919, 5053, 5103–5104, 5313, 5322, 5412, 5425, 5478, 5571, 5813, 5894, 5953, 6076, 6146, 6231, 6386, 6479, 6611, 6649, 6693, 6757, 6802, 6877, 7017, 7042, 7118, 7188, 7195, 7198, 7331, 7342, 7345, 7361–7362, 7448, 7478, 7590, 7716, 7733, 7888, 8022–8023, 8124, 8199, 8218, 8238, 8322, 8402, 8523, 8543–8544, 8573, 8581, 8622, 8881, 8886, 8926, 8948, 9057, 9290, 9396, 9445, 9503, 9707, 9844, 9851, 9971, 9990–9991, 10160, 10285, 10386, 10393
GYNECOLOGIC DISEASES: 874, 1636, 2455, 2601, 4931, 7577, 8174, 8736, 9123, 9224, 10195
GYNECOLOGIC NEOPLASMS: 2119, 4071, 4529, 8593

H

HAEMOPHILUS: 3934
HAEMOPHILUS INFLUENZAE: 5947
HAIR: 695, 1486, 6788, 7255, 8158, 9504
HALF-LIFE: 34, 255, 293, 365, 416, 1214, 1306, 1432, 1494, 1507, 1537, 1575, 1586, 1710, 2608, 2677, 2739, 2741–2742, 3151, 3205, 3339, 3672, 3748, 4073, 4254, 4281, 4362, 4423, 4829, 5297, 5514, 5677, 5876, 6265, 6522, 8096, 8236, 8305, 8316, 8403, 8515, 8578, 8614, 9159, 9227, 10181, 10225
HALLUCINATIONS: 633, 6934, 8084
HALLUCINOGENS: 2131, 8629
HALLUX: 2639, 9064
HALOBACTERIUM: 5603
HALOGENS: 6904
HALOPERIDOL: 5153
HALOTHANE: 155, 2873, 4197, 4274, 5174, 6331, 7024
HAMARTOMA: 1881, 1914, 3289, 3543, 4232, 4614, 5304, 5655, 5750, 7566
HAMSTERS: 131, 340, 359, 497, 502, 619, 1011, 1186, 1292, 1325, 2177, 2763, 2978, 3521–3522, 3653–3655, 4036, 4400, 4709, 4954, 5371, 6076, 6722, 6725–6726, 6951, 7351–7352, 7510, 7592, 7650, 7871, 7901, 8124, 9099, 9811, 9936, 10135
HAND: 491, 1287, 1367, 1997, 4535, 5171, 5516, 5624, 6151, 6604, 7086, 8067, 8863, 9777, 9856
HAND DERMATOSES: 8425
HAND INJURIES: 831, 6120, 9777, 9856
HANDICAPPED: 6776, 8784–8785
HANSENULA: 3075, 7364
HAPLOIDY: 7226, 9527
HAPTENS: 690, 1373, 4371, 4611, 5842, 6935, 7765, 10247
HAPTOGLOBINS: 167, 2445, 2658, 3253, 3435, 3613, 4721, 5736, 6171, 6387, 6408, 7847, 8065, 9607
HARDERIAN GLAND: 7352, 7694–7695
HARTMANNELLA: 4576
HARTNUP DISEASE: 1941
HAY FEVER: 23, 1490
HEAD: 630, 1822, 1934, 6550
HEAD AND NECK NEOPLASMS: 375, 1153, 3260, 4389, 4626, 5018, 5508, 6055, 6204, 6226, 6959, 6984, 7328, 7421, 7436, 8191, 8432, 9327, 10064
HEAD INJURIES: 369, 630, 831, 1138, 1145, 1718, 2269, 2645, 3869, 4321, 4747, 4899, 5392, 5408, 5702, 7098, 7704, 8064, 8376, 8988, 8998
HEADACHE: 1333, 1658, 1859, 4538, 8029, 8479, 9801, 10131
HEALTH: 6784
HEALTH AND WELFARE PLANNING: 2921, 7085
HEALTH EDUCATION: 135, 1073, 1707, 1972, 2921
HEALTH FACILITY SIZE: 2970
HEALTH RESORTS: 405, 4812
HEALTH STATUS INDICATORS: 1525
HEALTH SURVEYS: 1525, 6048, 10275
HEARING: 1462
HEARING DISORDERS: 756, 7248, 8196, 8307, 9140
HEART: 85–86, 152, 1399, 1617, 1954, 2013, 2323, 2423, 2720–2721, 2765, 2873, 2938, 3395, 3550, 3806, 4269, 4486–4488, 4677, 4909, 5263, 5579, 5586, 5960, 5983, 6015, 6221, 7002, 7478, 7792, 7946, 8005, 8050, 8130, 8222, 8477, 8905, 8951, 9302, 9576, 9779, 9880, 9988–9989
HEART ANEURYSM: 6530, 6685, 7383, 10374
HEART ARREST: 13, 980, 1559, 2779, 4335, 4632, 5309, 6164, 6784, 7189, 7898, 10049
HEART ARREST, INDUCED: 1368
HEART, ARTIFICIAL: 113, 1555, 1731, 4540, 5250, 6710, 9419
HEART ATRIUM: 611, 1774, 2271, 2850, 2953, 3324, 4453–4454, 5245, 5696, 6410, 6447, 6882, 7916, 7980, 9247
HEART AUSCULTATION: 2728, 4077, 5586, 6378, 7792, 8288, 8382, 10304
HEART BLOCK: 1534, 3383, 4267, 4809, 6410, 7727, 8556, 9129, 9254
HEART CATHETERIZATION: 31, 767, 1034, 1583, 2256, 2611, 2727, 2744, 3004, 3370, 3437, 3666, 4473, 4872, 5231, 5464, 6359, 6702, 6792, 7383, 7990, 8040, 8500, 8576, 8843, 9164, 9738
HEART CONDUCTION SYSTEM: 4267, 4872, 6410, 7727
HEART DEFECTS, CONGENITAL: 327, 674, 1219, 1268, 1368, 1370, 2238, 2317, 2351, 2408, 2765, 3011, 3220, 3504, 3666, 4077, 4967, 6158, 6607, 7007, 7618, 8128, 8682, 10078
HEART DISEASES: 143, 488, 611, 1127, 1447, 1601, 1812, 1905, 1910, 2178, 2202, 2432, 2635, 2748, 2765, 2966, 3011, 3121, 3166, 3324, 3433, 3666, 3869, 3937, 4077, 5121, 5713, 5738, 5889, 6158, 6395, 6685, 7007, 7309, 7439, 7542, 7817, 8320, 8556, 8663, 8918, 9167, 9228, 9254, 9373, 9479, 9871, 9880, 9943, 10078, 10256, 10391
HEART ENLARGEMENT: 185, 639, 2831, 3935, 4078, 4471, 5160, 5586, 5808, 6410, 6785, 7643, 7682, 8242, 9880
HEART FAILURE, CONGESTIVE: 185, 417, 628, 711, 958, 1332, 1832, 1952, 1972, 2328, 2699, 2779, 2933, 3011, 3288, 3370, 3432, 3538, 4220, 4455, 4753, 5476, 5508, 5915, 6030, 6148, 6353, 6702, 7019, 7605, 7706, 7724, 7910, 8017–8018, 8205, 8317, 8556, 8682, 9021, 9124, 9228, 9243, 9254, 9325, 9510, 9784, 9880, 10146
HEART FUNCTION TESTS: 2351
HEART INJURIES: 327, 1312, 1370, 1583, 1699,

9129, 9993
HEART MASSAGE: 980, 4513
HEART, MECHANICAL: 261, 607, 7602, 8183
HEART MURMURS: 767, 4155, 10304
HEART NEOPLASMS: 327, 1774, 2034, 2653, 5062, 5696, 6391, 6447, 6792, 7007, 7931, 8145, 9200, 9579, 9653
HEART RATE: 85, 157, 1010, 1409, 1484, 1885, 1954, 2423, 2722, 3658, 4704, 5101, 5344, 5509, 5742, 5762, 5781, 5809, 6410, 6596, 6647, 6854, 7067, 7130, 7727, 7730, 7787, 7874, 7946, 8682, 9840, 9967
HEART SEPTAL DEFECTS: 1716, 4189, 5231, 7608
HEART SEPTAL DEFECTS, ATRIAL: 656, 2262, 4078, 6685, 6734, 8382
HEART SEPTAL DEFECTS, VENTRICULAR: 4300, 6734, 9861
HEART SEPTUM: 1127, 2699
HEART SOUNDS: 670, 5421, 6902, 8382
HEART SURGERY: 327, 408, 440, 674, 882, 1731, 1925, 1950, 2237–2238, 2271, 2476, 2609, 2703, 2875, 3438, 4505, 4566, 5330, 5459, 6080, 6099, 6319, 6702, 7724, 8404, 9415, 9685, 9861
HEART VALVE DISEASES: 464, 689, 1489, 1588, 1898, 2077, 2271, 2728, 3004, 3011, 3050–3051, 3121, 4039, 4417, 4714, 4927, 5546, 5988, 6734, 7007, 7117, 7678, 7980, 8553
HEART VALVE PROSTHESIS: 14, 30, 82, 120, 289, 327, 533, 674, 689, 882, 894, 963, 1069, 1364, 1588, 1641, 1697, 1750, 1898–1901, 1907, 1918, 1953, 2035, 2202, 2256, 2346, 2431, 2487, 2489, 2699, 2728, 2744, 2765, 2966, 3007, 3050, 3464, 3606, 3626–3628, 3770, 4039, 4109, 4155, 4170, 4243, 4417, 4505, 4559, 4977, 5041, 5211, 5356, 5421, 5460, 5465–5466, 5509, 5546, 5760, 5915–5916, 5988, 6099, 6110, 6312, 6676–6677, 6730, 6739–6740, 6902, 6922–6923, 6938, 7114, 7117, 7334, 7456, 7526–7527, 7628–7629, 7678, 7681, 7788, 7817, 7931–7932, 7969, 7980, 7990, 8117, 8377, 8553, 8596, 8746, 8751–8752, 8821, 8879, 9021, 9243, 9355, 9373, 9685, 9803, 10287, 10331, 10374
HEART VALVES: 882, 2744, 2966, 6118, 6739, 7408, 7678, 10199, 10208, 10331
HEART VENTRICLE: 152, 231, 2034, 2499, 2744, 4471, 5975, 6410, 7007, 7246, 7383, 8242, 9200, 9437, 9942, 10372, 10374
HEAT: 25, 52, 195, 210, 386, 581, 845, 897, 903, 927, 934, 999, 1098, 1162, 1311, 1351, 1532, 1551, 1554, 1609–1610, 1887, 1903–1904, 1931, 2080, 2209, 2293–2294, 2426, 2462, 2485, 2596, 2763, 2892, 2904, 3087, 3098, 3265, 3316, 3342, 3512, 3515, 3601, 3670, 3772, 3842, 3885, 3912, 4111, 4141, 4207, 4427, 4431, 4439, 4508, 4518, 4591, 4600, 4734, 4800, 4823, 4877, 5170, 5296, 5452, 5460–5461, 5541, 5572, 5599, 5612, 5617, 5629, 5705, 5747, 5786, 5936, 6081, 6090, 6155, 6194, 6259, 6271, 6288–6290, 6305, 6329, 6427, 6509, 6541, 6718, 6787, 6837, 6843, 6863, 6873, 6893, 6904, 6909, 6916, 6937, 6939, 7341, 7607, 7684, 7697, 7726, 7769, 7786, 7971, 8430, 8521, 8619, 8639, 8723, 8725, 8854, 8898, 8963, 9137, 9156, 9161, 9283, 9361, 9529, 9531, 9544, 9621, 9687, 9789, 9954, 9983, 9991, 10119, 10123, 10127, 10388
HEAT EXHAUSTION: 2432, 3485
HEATING: 2586
HEAVY CHAIN DISEASE: 10046
HEEL: 9970
HEINZ BODIES: 7116, 9229
HELA CELLS: 703, 2089, 2851, 3519, 4905, 6184, 6752, 7008, 7680, 9154, 9648, 9929–9930, 10050
HELIANTHUS: 2331
HELIOTHERAPY: 4812
HELIX (SNAILS): 2146, 5299, 9342
HELMINTHIASIS: 6940
HEMADSORPTION: 4402, 9710
HEMAGGLUTINATION: 3568–3569, 7405, 7693, 7731, 7890, 8181, 8322
HEMAGGLUTINATION INHIBITION TESTS: 629, 1002, 1038, 1380, 2460, 3579, 4214, 4401, 4700, 5878, 6498, 8001, 8322, 8451–8452, 8552
HEMAGGLUTINATION TESTS: 549, 1892, 4401–4402, 4852, 4865, 5086, 5894, 6350, 6399, 6498, 7911, 7979, 8552, 8675–8676, 8886, 9789, 10347
HEMAGGLUTINATION, VIRAL: 4214, 5203, 8041, 8451–8452, 9357
HEMAGGLUTININS: 2686, 3137, 5452, 7890, 8521, 9234
HEMAGGLUTININS, VIRAL: 2383, 4784, 6488, 7536, 9357
HEMANGIOENDOTHELIOMA: 47, 380, 694, 968, 1013–1014, 1235, 1428, 1467, 1602, 1695, 2020, 2653, 3088, 3878, 3943, 4220, 4389, 4440, 4891, 5366, 5454–5455, 6062, 6152, 6168, 6870, 7075, 7124, 7351–7352, 7436, 7554, 7592, 7719, 7819, 7822, 7834, 8133, 8363, 8535, 8588, 8742, 8754, 8775, 9128, 9155, 9200, 9214–9215, 9327, 9365, 9521, 9767, 9853, 10359
HEMANGIOMA: 28, 103, 163, 276, 329–330, 381, 389, 394, 402, 407, 491, 539, 550, 659, 746, 781, 835, 883, 895, 958, 962, 996, 1025, 1063, 1080, 1096, 1153, 1158, 1265, 1297, 1323, 1378, 1402, 1412, 1428, 1513, 1629, 1648, 1661–1662, 1676, 1696, 1738, 1771, 1793, 1802, 1822, 1910, 1914, 1922, 1927, 1973, 2015, 2017, 2047, 2064, 2093–2094, 2097, 2110, 2119, 2130, 2161, 2244, 2286, 2402, 2509, 2524, 2532, 2571, 2647–2648, 2656, 2675, 2696, 2698, 2790, 2890, 3018, 3090, 3160, 3194, 3197, 3217–3218, 3289, 3305, 3321, 3344, 3441, 3460, 3553, 3592, 3633, 3677, 3712, 3721, 3775, 3778, 3819, 3836, 3843, 3906, 3988, 3995, 4087, 4161, 4174, 4183, 4232–4233, 4293, 4341, 4389, 4428–4430, 4442, 4449–4450, 4506, 4522, 4538, 4613–4614, 4616, 4621, 4626, 4630–4631, 4660, 4755, 4769, 4810, 4901–4902, 4916, 4922, 4967, 4989, 5004, 5024, 5062, 5090, 5157, 5209, 5233, 5265, 5275, 5298, 5300, 5302, 5304, 5314, 5320, 5332, 5354, 5362, 5376, 5419, 5457, 5474, 5476, 5508, 5516, 5538, 5544, 5559, 5650, 5655, 5673, 5750, 5765, 5828, 5861, 5909, 5920, 6018, 6041, 6151, 6157, 6176, 6204, 6235, 6239, 6291, 6301, 6352, 6381, 6484, 6519, 6527, 6574, 6592, 6604, 6654, 6678, 6775, 6790, 6792, 6833, 6860, 6876, 6914, 6954, 6959, 7082, 7120, 7179, 7216, 7238, 7245, 7253, 7259–7261, 7328, 7346, 7357, 7399, 7421, 7428, 7437, 7462, 7495, 7503, 7539, 7566, 7584, 7595, 7669, 7682, 7704, 7720, 7746, 7756, 7785, 7857, 7906, 7952, 7981, 7999, 8008, 8055, 8070, 8108, 8129, 8145–8146, 8161, 8165, 8191, 8229, 8243, 8266, 8307, 8350, 8364, 8419–8420, 8462, 8498, 8547, 8672, 8677, 8697, 8707, 8764, 8766, 8863, 8874, 8967, 8998–8999, 9066, 9075, 9221, 9257, 9291, 9343, 9450, 9506–9507, 9574, 9610, 9620, 9653, 9656–9657, 9670, 9678, 9729, 9740, 9767, 9830, 9986, 10036, 10062, 10064–10065, 10164, 10171–10172, 10201, 10203, 10213, 10239, 10300, 10305
HEMANGIOMA, CAVERNOUS: 491, 566, 586, 687, 796, 916, 1057, 1102, 1405, 1414, 1513, 1651, 1661–1662, 1704, 1787, 1881, 1942, 2014, 2093, 2227, 2275, 2637, 2986, 3219, 3384, 3441–3442, 3523, 3543, 3951, 4034, 4177, 4309, 4449, 4630, 4756, 5419, 5604, 5822, 5930–5931, 6168, 6226, 6310, 6504, 6563, 6715, 6817, 6819, 6905, 7108, 7153, 7329, 7384, 7440, 7504, 7752, 7952, 8084, 8234, 8278, 8432, 8633, 8686, 8697, 8713, 8742, 8788, 9006, 9506, 9734, 9829, 9887, 10006, 10252
HEMANGIOPERICYTOMA: 4440, 6156, 6959
HEMARTHROSIS: 36, 81, 312, 1371, 1701, 3069, 3083, 3113, 3915, 4253, 4314, 4395, 4620, 5001, 5171, 5761, 6031, 6215, 6227, 6579, 7100, 9133, 9159, 9876, 10264
HEMATEMESIS: 3315, 6469, 7287
HEMATOCELE: 2421
HEMATOCRIT: 69, 93, 128, 208, 384, 395, 598, 671, 674, 833, 900, 990, 1219, 1332, 1484, 1713, 1742, 1747, 1845, 2039, 2078, 2174, 2231, 2238, 2268, 2279–2280, 2382, 2704, 3124, 3137, 3483, 3550, 3927, 4052, 4149, 4186, 4203, 4218–4219, 4269, 4384, 4477, 4790, 4824, 4948, 5253, 5276, 5351, 5459, 5678, 5697, 5722, 5927, 6002, 6054, 6111–6112, 6358, 6647, 6919, 6996, 7173, 7343, 7402, 7461, 7508, 7603, 7671, 7850, 8018, 8069, 8073, 8123, 8126, 8224, 8273, 8404, 8449, 8549, 8630, 8756, 8837, 8905, 8986, 9179, 9223, 9386, 9446, 9462, 9739, 9805, 9881, 10027, 10237
HEMATOLOGIC DISEASES: 989, 1055, 1236, 1479, 1646, 1764, 1828, 2172, 2635, 2657, 3284, 3367, 3560, 3598, 3765, 3869, 4069, 4822, 4897, 5029, 5730, 5869, 6425, 6625, 6968, 7199, 7528, 7799, 7817, 7990, 8162, 9109, 9815, 9964, 10025, 10375
HEMATOLOGY: 660, 812, 1131, 2403, 3451, 4148, 5029, 5957, 6146–6147, 8399, 8825, 8848, 9411, 9642
HEMATOMA: 65, 95, 102, 161, 170, 369, 392, 407, 418–419, 459, 483, 504, 582, 605, 615–616, 630, 634, 695, 750, 801, 868, 912, 946, 962, 967, 971, 976, 982, 1081, 1138, 1182, 1313, 1330, 1404, 1415, 1447, 1476, 1483, 1501, 1574, 1583, 1593, 1621, 1658, 1693, 1718, 1779, 1814, 1834–1835, 1876, 1896, 1934, 2061, 2063, 2102, 2194–2195, 2235, 2269, 2295, 2343, 2361, 2379, 2421, 2470, 2480, 2514, 2547, 2645, 2650, 2654, 2669, 2678, 2693, 2717, 2738, 2747, 2866, 2876, 2930, 2944, 2970, 3030, 3044, 3089, 3115, 3119, 3226, 3251, 3260, 3317, 3325, 3349, 3360, 3396, 3443, 3584, 3586, 3644, 3709, 3837, 3856–3857, 3930, 3936, 3953, 3960, 3975, 4015, 4042, 4055, 4092, 4184, 4195, 4289, 4295, 4321, 4324–4325, 4328, 4444, 4446, 4451, 4489, 4516, 4523, 4543, 4580, 4582, 4675, 4683, 4691, 4711–4712, 4747, 4792, 4825–4826, 4892, 4899, 4921, 4944, 4984, 4990, 4997, 5018, 5161, 5171, 5232, 5277, 5335, 5343, 5392, 5397, 5408, 5422, 5443, 5458, 5517, 5529, 5702, 5744, 5795, 5799, 5846, 5865, 5883, 5929, 5955, 5993, 6017, 6019, 6032, 6119, 6168, 6229, 6263, 6314, 6318, 6380, 6411, 6436, 6502, 6508, 6546, 6550, 6667, 6683, 6724, 6786, 6832, 6864, 6965, 7091, 7148, 7194, 7245, 7286–7287, 7340, 7466, 7469, 7479, 7534, 7553, 7589, 7610, 7658, 7698, 7711, 7798, 7805, 7906–7907, 7917, 7965, 7991, 7993, 8003, 8049, 8064, 8186, 8215, 8228, 8293, 8298, 8300, 8319, 8393, 8485, 8595, 8657, 8690, 8740–8741, 8747, 8753, 8841, 8853, 8977, 8988, 9010, 9064, 9079, 9094, 9127, 9144, 9261, 9320, 9344, 9398, 9451, 9504, 9546, 9552, 9589, 9618, 9690, 9719, 9722, 9763–9764, 9818, 9827, 9858–9859, 9865, 9887, 9892, 9894, 9927, 9993, 10051, 10061, 10068, 10073, 10091, 10114, 10131,

10146, 10176, 10267, 10277, 10299, 10337, 10342, 10370
HEMATOMA, EPIDURAL: 2102, 2269, 4580, 4871, 4916, 5828, 7885, 8988, 8998
HEMATOMA, SUBDURAL: 1145, 2269, 4580, 4871, 6661, 7098, 7245, 7542, 8437, 8631, 8988, 8998, 9377, 9720, 9831
HEMATOPOIESIS: 383, 1284, 1754, 1764, 1850, 3210, 3371, 3702, 3998, 4222–4223, 4409, 4612, 5005, 5100, 5185, 5339, 5619, 5684–5685, 5917, 6399, 6562, 6753, 6769, 7135, 7240, 7263, 7528, 8286–8287, 8460, 8933, 9168, 9575, 10151
HEMATOPOIETIC STEM CELLS: 46, 2622, 3210, 3263, 3371, 4713, 6716, 7012, 8286, 9169, 10161
HEMATOPOIETIC SYSTEM: 1259, 1263, 2872, 8286, 8477
HEMATOPORPHYRIN: 6020
HEMATOXYLIN: 3014, 3553, 8325
HEMATURIA: 133, 962, 1057, 1179, 1360, 1414, 1896, 1972, 2718, 3315, 3503, 3931, 4341, 4608, 4831, 4847, 4944, 4973, 5698, 6519, 6537, 7577, 7666, 7952, 9187, 9475, 9722
HEME: 3439, 3480, 4359, 4950, 6108, 6941, 7364, 8036, 9884, 10137
HEMIANOPSIA: 1138, 8084
HEMIN: 3378, 3439, 3891, 6742
HEMIPLEGIA: 5392, 6537, 7049, 7554
HEMIPTERA: 1274
HEMOCYANIN: 2305, 6513, 8929, 9846, 10247
HEMOCYTES: 1139, 7804
HEMODIALYSIS: 453, 515, 836, 1122, 1141, 1342, 1589, 1842, 2075, 2213, 2826, 2941, 3031, 3076, 3164, 3391, 3514, 3779, 3809, 3858, 3907, 4032, 4101, 4244, 4504, 4592–4593, 4637, 4645, 4730, 4828, 4851, 4918, 5022, 5259, 5274, 5441, 5527, 5625, 5815, 5958–5959, 6070, 6104, 6220, 6634, 6836, 6960, 6990, 7313, 7424, 7708, 7935, 8052–8053, 8226, 8438, 8492, 8496, 8519, 8618, 9280, 9510, 9663–9664, 9666, 9690, 9747, 9968, 10001, 10037, 10217
HEMODIALYSIS, HOME: 6186
HEMODYNAMICS: 133, 146, 152, 185, 315, 360, 670–671, 767, 883, 1115, 1343, 1442, 1489, 1742, 1925, 1954, 1997, 2136, 2323, 2404, 2431, 2481, 2499, 2545, 2703, 2873, 2971, 3278, 3414, 3549, 3606, 4155, 4166, 4481, 4540, 4864, 4909, 4986, 5027, 5074, 5078, 5312, 5364, 5460, 5534, 5679, 5713, 5781, 5953, 5988, 6015, 6065, 6080, 6112, 6268, 6381, 6559, 6607, 6676–6677, 6836, 6875, 7002, 7119, 7222, 7415, 7605, 7678, 7725, 7792, 7931, 8017, 8040, 8117, 8124, 8130, 8445, 8477, 8506, 8582, 8798, 8879, 8955, 9205, 9452, 9515, 9942, 10174, 10195, 10222, 10287
HEMOGLOBIN A: 2968, 3211, 3969, 4855, 4996, 5721, 8637, 8756, 9050
HEMOGLOBIN, SICKLE: 1572, 3211, 5721, 8007, 8637
HEMOGLOBINOMETRY: 990, 1184, 1821, 5592, 5925, 7596, 8162, 8590, 8825
HEMOGLOBINOPATHIES: 669, 1621, 4795, 5681
HEMOGLOBINS: 70, 111, 184, 208, 384, 484, 493, 832, 1159–1160, 1443, 1607, 1620, 1671, 1746, 1756, 1935, 1981, 2039, 2205, 2247, 2268, 2284, 2671, 2776, 2969, 3040, 3093, 3124, 3253, 3483, 3640, 3682, 3781, 4218–4219, 4269, 4416, 4721, 4948, 4960, 4964, 5106, 5459, 5467, 5727, 5793, 5801, 5805, 5908, 6647, 6701, 6729, 6919, 7373, 7810, 7850, 7895, 7918, 7997, 8024, 8036, 8210, 8299, 8549, 8630, 8644, 8704, 8796, 8942, 9050, 9118, 9229, 9296, 9478–9479, 9615, 9626, 9635, 9690, 9881, 9994, 10237, 10346
HEMOGLOBINS, ABNORMAL: 1095, 1143, 1184, 2968, 4795, 8942, 10009
HEMOGLOBINURIA: 157, 2320, 9135
HEMOGLOBINURIA, BACILLARY: 8590
HEMOGLOBINURIA, PAROXYSMAL: 251, 721, 1893, 2182, 3662, 5543, 6453, 8185
HEMOLYMPH: 1139, 2306, 3087, 10307
HEMOLYSINS: 334, 516, 1923, 2048, 2117, 2129, 2166, 2927, 4040, 5009, 5301, 5751, 7158, 7971, 8426, 8699, 9054–9055
HEMOLYSIS: 124, 157, 205, 251, 333, 399, 442, 963, 1232, 1335, 1512, 1641, 1750, 1893, 1901, 1907, 1923, 1953, 2038, 2114, 2176, 2464, 3050, 3206, 3661–3662, 3770, 4104, 4170, 4196, 4219, 4410, 4420, 4540, 4642, 4804, 5124, 5201, 5203, 5250, 5460, 5543, 5560, 5678, 5752, 5815, 5988, 6107, 6132, 6231, 6242, 6903, 6919, 7381, 7678, 7693, 7731, 7971, 7998, 8036, 8183, 8240, 8590, 8592, 8639, 8813, 8957, 9015, 9030, 9115, 9199, 9250, 9373, 9403, 9721, 9875, 9909, 10075, 10385
HEMOLYTIC PLAQUE TECHNIC: 511, 1866, 1904, 8058, 10247
HEMOLYTIC-UREMIC SYNDROME: 1122, 2506, 2621, 3076, 3514, 3931, 4504, 4717, 5294, 7313, 7577, 8548, 8634, 8964, 8966, 9123, 9862, 10116
HEMOPERICARDIUM: 628, 910, 2487, 2727, 6378
HEMOPERITONEUM: 1779, 3044, 4973, 5673, 5744, 6019, 6318, 9225, 9257
HEMOPEXIN: 2507, 5736
HEMOPHILIA: 17, 36, 66, 81, 114, 122–124, 135, 137–138, 220, 311–312, 320, 332–333, 418–419, 460, 653, 733, 769–770, 785, 789, 838–840, 920, 925, 1073, 1085, 1089, 1093–1094, 1175, 1272, 1280, 1348, 1371, 1401, 1436, 1438, 1536, 1700–1701, 1710, 1833, 1835, 1848, 1859, 1908, 1958, 1967, 2032, 2100, 2120, 2154, 2180, 2261, 2406, 2409, 2415, 2435, 2511, 2519–2521, 2528, 2534–2535, 2537, 2717–2718, 2836, 2840, 2921, 2990, 3035, 3041, 3082–3083, 3105, 3112–3113, 3131, 3139, 3239, 3332–3333, 3343, 3359, 3392, 3451, 3679, 3717, 3850–3851, 3873, 3915, 3950, 3969, 4021–4022, 4047, 4086, 4151, 4181–4182, 4237, 4251, 4298, 4304–4305, 4314, 4327, 4332, 4348, 4375, 4385, 4395–4396, 4445, 4451, 4480, 4620, 4694, 4731, 4766, 4838, 4842, 4846, 4873, 4892, 4990, 5039, 5098, 5171, 5363, 5389–5390, 5418, 5430, 5432, 5580, 5587, 5597, 5607, 5638, 5646, 5673, 5726, 5744, 5825, 5831, 5834, 5852, 5855, 5857, 5871, 5912, 5923, 5945, 5993, 6028, 6043, 6045, 6192–6195, 6227, 6252, 6411, 6458, 6558, 6565, 6660–6661, 6724, 6832, 6906, 6985–6986, 7096, 7098, 7100, 7201, 7244, 7251, 7306, 7318, 7340, 7485, 7487, 7500–7501, 7613, 7665–7666, 7721, 7757, 7859, 7886, 7925, 7947, 8096–8097, 8154, 8219, 8267, 8269, 8331, 8354, 8471, 8709, 8726, 8783–8786, 8792–8793, 8936, 8954, 8961, 8963, 8965, 8995, 9133, 9144–9145, 9149, 9159, 9195, 9231, 9242, 9264, 9293, 9312, 9439, 9605, 9607, 9660, 9873, 9875–9876, 9982, 10003, 10129, 10169, 10231, 10264, 10268, 10317, 10322, 10355, 10360
HEMOPNEUMOTHORAX: 1182, 9993
HEMOPTYSIS: 1487, 1558, 2443, 7563, 8368, 10228
HEMORRHAGE: 6, 13, 30, 74, 94, 121, 133, 305, 332, 389, 408, 475, 506, 519, 557, 570, 582, 613, 671, 674, 733, 758, 782, 826, 836, 944, 946, 962, 986, 990, 1038, 1082, 1085, 1169, 1254–1255, 1281, 1370, 1388, 1410, 1501, 1557, 1611, 1700, 1704, 1745, 1827, 1851, 1861, 1874, 1883–1884, 1897, 1905, 1960, 2008, 2040, 2059, 2066, 2069, 2107, 2120, 2150, 2168, 2216, 2252, 2322, 2348, 2373, 2400, 2419, 2479, 2585, 2602, 2664, 2799, 2826, 2873, 2876, 2953, 2966, 2977, 2992, 3105, 3111–3112, 3164, 3294, 3390, 3510, 3625, 3729, 3756, 3808, 3818, 3826, 3841, 3880, 3882, 4059, 4072, 4118, 4170, 4189, 4332, 4459, 4500, 4571, 4592, 4597, 4616, 4620, 4637, 4642, 4681, 4710, 4832, 4871, 4890, 4918, 4947, 4990, 5113, 5157, 5164, 5171, 5230, 5240, 5259, 5309, 5320, 5330, 5428, 5432, 5459, 5597, 5625, 5662, 5671, 5678, 5742, 5801, 5824, 5848, 5854–5856, 5859–5860, 5879, 5942, 5955, 6019, 6096, 6151, 6186, 6293, 6301, 6343, 6353, 6584, 6611, 6700, 6804, 6820, 6926, 6938, 6997, 7023, 7034, 7044, 7058–7059, 7063, 7071, 7084, 7114, 7130, 7170, 7299, 7331, 7333, 7419, 7511, 7561, 7576, 7711, 7741, 7787, 7825, 7834, 7898, 7939, 7941, 7967–7968, 7980, 7989, 8010, 8031, 8046, 8101, 8190, 8263, 8266, 8319, 8327, 8416, 8423, 8460, 8596, 8651, 8687, 8741, 8785, 8841, 8960, 8963, 8965, 8975, 9011, 9046, 9060, 9066, 9180, 9219, 9235, 9257, 9278, 9293, 9475, 9531, 9606, 9662, 9664–9665, 9675, 9711, 9729, 9810, 9902, 9950, 9980, 9982, 10053, 10205, 10225, 10253, 10260, 10355, 10376–10377
HEMORRHAGE, GASTROINTESTINAL: 87, 174, 672, 729, 837, 1027, 1280, 1653, 1693, 1779, 1863, 1972, 2328, 2476, 2490, 2536, 2908, 3209, 3384, 3501–3502, 3643, 3784, 4030, 4194, 4449, 4451, 4572, 5080, 5373, 5446, 5450, 5529, 5789, 5799, 6178, 6291, 6413–6414, 6433, 6500, 6641, 6832, 6861, 6980, 7039, 7441, 7487, 7589, 7652, 7713, 7715, 7720, 7805, 7834, 7845, 7967, 8215, 8463, 9079, 9140, 9224, 9294, 9344, 9515, 9618, 9962, 10091, 10289, 10319, 10338, 10370, 10387
HEMORRHAGE, ORAL: 35, 785, 1379, 2520, 3343, 4298, 5024, 7137, 7886, 7930, 8098, 8170, 9614
HEMORRHAGE, POSTPARTUM: 1707, 3565, 3832, 5202, 7241, 8016, 8709, 9027, 9574, 10200
HEMORRHAGIC DIATHESIS: 27, 218–219, 560, 598, 740, 742, 847, 936, 964, 1046, 1359, 2059, 2106, 2150, 2328, 2435, 2838, 2991–2992, 3065, 3082, 3155, 3214, 3343, 3595, 3690, 3705, 3740–3741, 3765, 3798, 3802, 3808, 3827, 3917, 3931, 3968, 4130, 4622, 4851, 4966, 5075, 5259, 5283, 5330, 5407, 5691, 5730, 5757, 5817, 5879, 6317, 6398, 6496, 6805, 7060, 7710, 7741, 8441, 8963, 9199, 9236, 9241, 9314, 9378, 9590, 9834, 10090
HEMORRHAGIC DISEASE OF NEWBORN: 174, 1488, 2090, 2362, 2804, 3155, 5373, 5446, 5654, 9551, 10361
HEMORRHAGIC FEVER, EPIDEMIC: 9, 1281–1282, 8546
HEMORRHAGIC THROMBOCYTHEMIA: 300, 1341, 2029, 2551, 5223, 7367, 8306, 8501, 8530, 9168, 9263, 9379
HEMORRHOIDS: 174, 1669, 2545, 4199, 5642, 6292, 6641, 7948
HEMOSIDERIN: 2252, 3083
HEMOSIDEROSIS: 4054, 4520
HEMOSTASIS: 21, 109, 120, 180, 243, 348–349, 477, 607, 660, 680, 710, 734, 751, 753, 771, 826, 847, 888, 901, 908, 1038, 1082, 1133, 1136, 1240, 1417, 1632, 1691, 1732, 1736, 1813, 1960, 1969, 1987–1988, 2022, 2074, 2192, 2206, 2216, 2238, 2435, 2481, 2531, 2536, 2585, 2616, 2662, 2703–2704, 2873, 2902, 2932, 2941, 2953, 3009, 3039, 3153, 3279–3281, 3298–3299, 3463, 3559, 3744, 3867, 3894–3895, 3918, 3945, 4017, 4069, 4118, 4189, 4317, 4323, 4513, 4532, 4665, 4681, 4693, 4742, 4789, 4804–4805, 4882, 5164, 5253, 5322, 5330, 5361, 5379, 5386, 5418, 5504, 5550, 5721, 5742, 5781, 5824,

5851, 5879, 5905, 5954, 5967, 6048, 6070, 6080, 6119, 6146–6147, 6154, 6220, 6319, 6326, 6477, 6481, 6525, 6711, 6744, 6839, 6855, 6875, 6885, 6979, 7024, 7054, 7056, 7063, 7084, 7141, 7146, 7235, 7255, 7305, 7315, 7337, 7424, 7482–7483, 7486, 7506, 7563, 7712–7714, 7736, 7761, 7787, 7793, 7940, 8012, 8128, 8201–8202, 8204, 8274, 8310, 8346, 8399, 8412, 8440, 8517, 8551, 8593, 8687, 8695, 8703, 8960, 8963, 8965, 9027, 9130, 9183, 9337, 9373, 9442, 9762, 9772, 9834, 10157, 10195, 10253, 10281

HEMOSTASIS, SURGICAL: 6, 333, 990, 1393, 1401, 2040, 2345, 3082, 3180, 4295, 4571, 4783, 4890, 4990, 5289, 5855, 6316, 6711, 6734, 6820, 6836, 7057, 7107, 7255, 7947, 8016, 8492, 9185, 9553, 9592, 10157, 10169

HEMOSTATIC TECHNICS: 35, 1417, 2520, 2696, 3461, 3501, 3918, 4411, 6154, 7056–7057, 7107, 7156, 7337, 7400, 7886

HEMOSTATICS: 476, 729, 853, 1487, 2520, 4070, 4298, 5682, 5884, 6315–6316, 6980, 7056–7058, 7061, 7137, 7400, 7849, 7948, 8016, 8101, 8601, 9602, 10365

HEMOTHORAX: 976, 3423, 4335, 4805, 6046, 6502, 7485, 7783, 8956, 9419

HEPARIN: 6, 63–64, 67–68, 84, 91, 93, 104, 146, 184, 204, 206, 213–214, 229, 236, 241, 253, 272, 275, 281, 285, 292, 305, 314, 316, 328, 343, 352–353, 355, 357, 361–363, 378, 385, 387, 403, 408, 420, 432, 434, 443, 448–449, 474, 480, 494, 499–500, 510, 532, 553, 563, 583, 587, 596, 609, 619, 656, 666, 672, 674, 677, 692, 704, 721, 751, 758, 782, 815, 827, 833, 836, 846, 850, 878, 881, 887, 893, 897, 904, 917, 926, 930–931, 955, 969, 980, 986, 990–991, 993–994, 1019, 1026, 1032, 1045, 1101, 1106, 1115, 1122, 1136, 1144–1145, 1150, 1165, 1193, 1203, 1205–1206, 1214, 1252, 1294, 1346, 1359, 1368, 1380, 1396–1397, 1412, 1433–1434, 1446, 1494, 1500, 1524, 1526, 1568, 1585–1586, 1596, 1615, 1644–1645, 1666, 1678, 1685, 1689, 1710, 1712, 1714, 1716, 1720, 1731, 1733, 1743, 1745, 1753, 1778, 1785, 1804, 1809–1811, 1836, 1880, 1883–1885, 1893, 1920, 1928–1929, 1944, 1986, 2005, 2008, 2011, 2055, 2058, 2075, 2099, 2107, 2109, 2122–2123, 2147–2148, 2207, 2236, 2238, 2263, 2266, 2277, 2279, 2310, 2333, 2339, 2369, 2371–2373, 2393–2394, 2401, 2404, 2413, 2425, 2434–2435, 2438, 2446, 2461, 2463, 2498, 2540, 2544, 2570, 2576, 2581, 2584–2585, 2600, 2610, 2614, 2618, 2632, 2634, 2661–2663, 2674, 2676, 2703, 2715, 2725–2726, 2744, 2760, 2772, 2794–2796, 2812, 2818, 2821, 2825, 2827, 2841, 2846, 2849, 2880, 2888, 2900–2901, 2919, 2932, 2934–2935, 2937, 2949–2950, 2971, 2984–2985, 3059, 3069, 3072, 3076, 3080, 3082, 3085, 3093, 3123, 3134, 3136, 3145–3146, 3180, 3186, 3188, 3213–3214, 3225, 3233, 3243, 3278, 3294, 3304, 3327, 3335, 3382, 3386–3388, 3390, 3405, 3421–3422, 3452–3455, 3459, 3486, 3507, 3510–3511, 3520, 3542, 3570, 3579, 3581–3583, 3588, 3614–3615, 3619, 3640, 3649, 3656, 3658, 3692–3693, 3695, 3697, 3705, 3725–3726, 3740, 3742, 3744, 3747, 3758, 3783, 3789, 3795, 3797, 3809, 3826, 3833, 3835, 3838, 3844–3846, 3874, 3880, 3909, 3929, 3931, 3965, 3967, 3976–3977, 3982, 4008, 4029, 4042, 4084, 4102, 4114–4115, 4125, 4164, 4203, 4205, 4260, 4271, 4277, 4280–4282, 4286, 4297, 4323, 4355–4357, 4367, 4376, 4397, 4459–4462, 4464, 4469, 4504–4505, 4531, 4533, 4551, 4615, 4617, 4619, 4625, 4678, 4689, 4697, 4727, 4734, 4746, 4753–4754, 4761–4762, 4770, 4802, 4830–4831, 4851, 4871, 4879, 4918, 4933, 4963, 4968, 4973, 4985, 5022, 5040, 5042–5046, 5051, 5056, 5061, 5063, 5067, 5110, 5126, 5128, 5133, 5138, 5142, 5156, 5167, 5174, 5201, 5215–5217, 5220–5221, 5227, 5237, 5245, 5257, 5269, 5294, 5309, 5328, 5330, 5347–5348, 5374, 5377, 5435, 5472, 5476, 5478, 5482–5483, 5486, 5498, 5501–5502, 5523, 5536, 5543, 5554, 5560–5561, 5577, 5601, 5606, 5618–5619, 5640–5641, 5704–5705, 5753, 5767, 5788, 5790, 5794, 5809, 5847, 5853–5854, 5858–5859, 5877, 5899, 5907, 5919, 5932, 5956, 5974, 5977, 5994–5995, 6008, 6016, 6026, 6031, 6054, 6060–6061, 6068, 6098, 6104, 6129, 6139, 6141, 6153–6154, 6164–6165, 6187, 6224, 6230, 6232, 6253, 6261, 6264–6265, 6268–6269, 6284, 6302, 6319, 6337, 6342, 6344, 6347, 6363, 6365–6366, 6379, 6384, 6393, 6396, 6412, 6437, 6440, 6453, 6473, 6490, 6503, 6561, 6577–6578, 6581, 6591, 6602, 6609, 6651–6653, 6658–6659, 6664, 6682, 6700, 6709, 6716, 6740, 6745, 6766, 6780, 6797, 6805, 6830, 6838, 6841–6842, 6857, 6873, 6886, 6892, 6894, 6930, 6933, 6948, 6969–6970, 6978, 6990, 6995, 6997, 7001, 7017, 7032, 7040, 7054, 7056, 7059, 7071, 7086–7087, 7103, 7113, 7125, 7143, 7159, 7181–7182, 7190–7191, 7239, 7241, 7275, 7277, 7294, 7298–7299, 7313, 7316, 7321, 7324–7325, 7333, 7336–7337, 7350, 7371, 7377, 7387, 7393, 7398, 7433, 7442, 7484, 7515, 7522, 7540–7541, 7576, 7593, 7612, 7617–7618, 7622, 7626, 7640, 7647, 7654, 7675, 7688, 7701, 7707, 7722, 7725, 7727, 7739, 7750, 7758, 7760–7761, 7763, 7782–7783, 7812, 7816, 7818, 7825, 7829, 7846, 7861, 7863, 7866, 7882, 7884, 7896, 7922, 7924, 7935–7936, 7939, 7941–7942, 7953, 7980, 7995, 8005, 8017, 8037–8038, 8042, 8044, 8047, 8092, 8127, 8130, 8153, 8164, 8171–8172, 8174, 8210, 8260–8261, 8274, 8294–8295, 8316, 8324, 8328, 8353, 8361, 8368–8369, 8373–8374, 8383, 8391, 8397, 8406–8408, 8413, 8442–8444, 8452, 8459, 8466–8467, 8473–8474, 8487, 8500, 8506, 8517, 8548, 8564, 8576, 8581, 8589, 8605, 8612, 8619, 8624, 8634, 8647, 8660–8661, 8669, 8715, 8719–8720, 8722, 8735, 8739, 8759, 8762, 8765, 8798, 8806, 8812–8813, 8818, 8824, 8838–8839, 8843, 8849, 8856, 8881, 8892–8893, 8909–8910, 8916, 8931, 8938, 8941, 8985, 9008–9009, 9024, 9065, 9068–9069, 9072, 9097–9099, 9104, 9117, 9130–9131, 9171, 9180–9182, 9196, 9209, 9220, 9238–9239, 9272, 9275, 9373, 9381, 9404, 9426, 9479, 9505, 9536, 9562, 9566, 9574, 9588, 9590, 9592, 9598–9600, 9603–9604, 9631, 9633, 9638, 9651, 9663–9666, 9700, 9702, 9711, 9737, 9751, 9755, 9760, 9804, 9832, 9836, 9850–9851, 9856, 9862, 9864, 9869, 9875, 9897–9901, 9914, 9918, 9923, 9927, 9944, 9952, 9968, 10020, 10025, 10034, 10043, 10047–10048, 10067, 10081–10082, 10149–10150, 10185, 10187–10188, 10205–10206, 10208, 10220–10221, 10223, 10243, 10248, 10269, 10293, 10295, 10308, 10310, 10330, 10334–10336, 10338, 10344, 10358, 10366–10367, 10371, 10381–10382, 10387

HEPARIN ANTAGONISTS: 619, 1327, 1460, 1589, 1632, 2798, 5330, 6073–6074, 8695, 9131, 9404, 9513, 9760

HEPARIN-CLEARING FACTOR: 619, 2950

HEPARIN CO-FACTOR: 89, 1130, 1206, 1710, 1917, 1928, 2394, 4117, 5284, 5705, 6054, 6082, 6265, 6503, 6634, 6666, 6764–6766, 7095, 7133, 7626, 7760–7761, 8254, 8353, 8758, 8765, 10295

HEPARINOID: 233, 779, 1050, 1669, 2378, 3449, 5083, 5853, 7648, 8056, 9404, 10150

HEPARITIN SULFATE: 314, 359, 362, 370, 1568, 2148, 3387, 3965, 4761–4762, 5472, 5486, 6284, 6490, 6523, 6831, 7113, 8910, 9099, 9523

HEPATECTOMY: 1732, 2372, 2425, 3461, 4277, 5462, 5822, 6315, 6325–6326, 7664, 8363, 8754, 10056

HEPATIC ARTERY: 28, 1501, 1602, 3951, 5090, 5529, 10006

HEPATIC COMA: 45, 291, 649, 2664, 3013, 3031, 3362, 3463, 3567, 4753, 5146, 5450, 6308, 6771, 7165, 7347, 8122, 8496, 8871, 8876

HEPATIC VEIN THROMBOSIS: 1556, 3084, 4834, 7165, 9616–9617, 10082

HEPATIC VEINS: 1602, 3951, 5422, 8662

HEPATITIS: 1077, 1372, 1672, 2328, 2907, 2950, 3013, 4094, 4216, 4259, 4794, 4822, 4965, 4971, 5277, 5678, 6599, 7721, 7739, 8006, 8289, 8775, 8922, 9135, 9479

HEPATITIS A: 45, 2265, 4618, 6122

HEPATITIS A VIRUS: 6122

HEPATITIS, ANIMAL: 3372, 8871

HEPATITIS B: 1038, 1423, 1801, 3679, 3950, 4645, 5398, 7366, 8438, 8936, 8947, 10129

HEPATITIS B ANTIGENS: 72, 1038, 1087, 2075, 3950, 5398, 6756, 8438, 9479

HEPATITIS B SURFACE ANTIGEN: 1311, 1747, 1801, 3679, 4259, 5291, 5389, 5398, 6122, 10129

HEPATITIS B VIRUS: 5398

HEPATITIS, TOXIC: 180, 234, 310, 1308, 2777, 3174, 4259, 4971, 5734, 5767, 5830, 6839, 6940, 6957, 7138, 8030

HEPATITIS, VIRAL, ANIMAL: 6526

HEPATITIS, VIRAL, HUMAN: 2, 72, 291, 299, 310, 839, 939, 2777, 3463, 4259, 4598, 4699, 5146, 5363, 5773, 6122, 6276, 7040, 7347, 7525, 8197, 8267, 8290, 8533, 8678, 9567, 9571

HEPATITIS VIRUS, MOUSE: 6526, 9043

HEPATOLENTICULAR DEGENERATION: 6907

HEPATOMA: 47, 127, 248, 541, 1088, 1102, 2047, 3362, 3367, 3878, 3943, 4653, 4657, 4956, 5090, 5397, 5454–5455, 5826, 6168, 6306, 7351, 7719, 7987, 8055, 8754, 8776, 8922, 9010, 9350, 9616–9617

HEPATOMEGALY: 1541, 6096, 7685, 8568

HEPES: 9137

HEPTAMINOL: 1485

HERBS: 3878, 4152, 4194

HEREDITARY DISEASES: 1958, 4873, 5607, 5726, 6906

HERNIA: 1415

HEROIN ADDICTION: 19, 5776, 6595

HERPES GESTATIONIS: 8173

HERPES SIMPLEX: 4598

HERPES ZOSTER: 2479, 8788

HERPES ZOSTER, OCULAR: 3818

HERPESVIRUS HOMINIS: 4598, 5096, 5149

HERPESVIRUS INFECTIONS: 4229

HERPESVIRUSES: 5918, 7102

HESPERIDIN: 10072

HETEROCYCLIC OXIDES: 62

HETEROZYGOTE: 46, 1043, 1095, 1818, 1920, 1958, 2261, 2406, 2622, 3065, 3332, 3351, 3356, 4549, 5400, 5833, 6047, 7076, 7925, 8756, 8847, 9264, 9400, 9623, 9660

HEXACHLOROPHENE: 806

HEXADIMETHRINE: 2744, 2772, 9238, 9751

HEXAMETHONIUM COMPOUNDS: 3942, 6056

HEXAMETHYLMELAMINE: 1812
HEXESTROL: 5306
HEXOBARBITAL: 4502, 10261
HEXOBENDINE: 1539, 3810
HEXOKINASE: 724, 3444, 5401, 6361, 7422, 9816
HEXOPRENALINE: 7222
HEXOSAMINES: 2309, 3001, 4558, 4652, 6827, 6891, 8367, 8521, 9232, 9353, 9383
HEXOSAMINIDASES: 927
HEXOSEDIPHOSPHATASE: 2410, 4434
HEXOSES: 1875, 3001, 3340, 4558, 4750–4751, 5086, 6827, 8442–8443, 9353, 9383
HEXOSYLTRANSFERASES: 7841–7842
HIATAL HERNIA: 2169, 3558, 9780
HIBERNATION: 3795
HINDLIMB: 3517, 4076, 5328, 7053, 7202, 8054, 8188, 9048, 9531, 9979, 10155
HIP: 413, 510, 2008, 2122, 2934, 3607, 3646, 5136, 5598, 6344–6346, 7034, 7298, 8373, 9145
HIP DISLOCATION: 3360
HIP JOINT: 119, 312, 328, 530, 625, 746, 749, 1101, 1410, 1748, 1819, 2061, 2584, 2778, 2998–2999, 3360, 3645, 3647, 3881, 3953, 4048, 4050, 4055, 4287, 4322, 5121, 5448–5449, 5584, 5854, 6038, 7032, 7898, 7907, 7934, 7941, 8171, 8190, 8698, 8734, 9133, 9683, 9977, 10327
HIPPEL–LINDAU DISEASE: 1402, 5298, 8697
HIPPOCAMPUS: 884
HIPPURATES: 6670
HIRSUTISM: 3798
HIRUDIN: 429, 580, 3474, 4084, 5907, 7612, 10081
HISTAMINASE: 2950, 5120, 7017, 10047
HISTAMINE: 473, 1409, 1557, 1642, 1880, 1915, 2204, 2546, 3507, 3935, 4282, 4678, 5223, 6155, 6886, 7017, 7053, 7273, 7866, 8581, 8894, 8904, 9406, 9434, 9443, 10047, 10212
HISTAMINE ANTAGONISTS: 10250, 10269
HISTAMINE H1 RECEPTOR BLOCKADERS: 10047
HISTAMINE LIBERATION: 192, 2606, 4111, 5253, 5440, 5478, 7017, 7439, 7864, 8745, 8844, 10037, 10250
HISTAMINE H1 RECEPTOR BLOCKADERS: 350, 1150, 1810, 3490, 4678, 5960, 7256, 7716, 8904, 10155, 10249
HISTAMINE H2 RECEPTOR BLOCKADERS: 2205
HISTIDASE: 2, 2477, 6238, 9013, 10242
HISTIDINE: 1095, 1322, 2681, 4108, 4484, 4709, 5887, 6355, 7670, 8428, 9031, 9884, 10119, 10154
HISTIDINE DECARBOXYLASE: 5223, 9413
HISTIOCYTES: 2706, 5556
HISTIOCYTOMA: 2244
HISTIOCYTOSIS X: 5024
HISTOCOMPATIBILITY: 1369, 1782, 2298, 2642, 2923, 3185, 3902, 6398, 7115, 8080, 10128
HISTOCOMPATIBILITY ANTIGENS: 1059, 1111, 1234, 1723, 2172, 2298, 2300, 2485, 2496, 2594, 2641, 2925, 3125, 3196, 3313, 3537, 3694, 3750, 3752, 3814, 4339, 5353, 5445, 5777, 5850, 7111–7112, 7115, 7140, 7220, 7291, 7562, 8182, 8434, 9191, 9234, 9527, 9878, 9886, 10347
HISTOCOMPATIBILITY TESTING: 1059, 2172, 2641, 3012, 3348, 3355, 3395, 3814, 5850, 5863, 6697, 7112, 7291, 7366, 7446, 8067, 8079, 9184, 9234, 10347
HISTOCYTOCHEMISTRY: 373, 449, 707, 974–975, 1146–1147, 1497, 1756, 1810, 1895, 2296, 2314, 2735, 3489, 4673, 5167, 5990, 6138, 6443, 6527, 6533, 6728, 6895, 6897, 7277, 7369, 7673, 7887, 8374, 8419, 8625, 8732, 9498, 9537, 9742, 10017, 10080
HISTOLOGICAL TECHNICS: 1964, 2354, 9443, 9667, 9742
HISTONE KINASE: 3282, 5085, 5779, 7646, 8534, 9500, 10115
HISTONES: 1, 196, 828, 937, 974–975, 1386, 1519, 1532, 2058, 2388, 2754, 3043, 3095, 3215, 3708, 3844, 4435, 4562, 4941–4942, 4955–4956, 4981, 5085, 5226, 5269, 5461, 5492, 5552, 5717, 5900, 6483, 6673–6674, 7277, 7332, 7520, 7673, 7956, 7985, 8275, 8503, 8529, 8658, 8720, 8864, 8915, 9216–9217, 9366, 9746, 9930, 10102
HISTOPLASMA: 304
HISTOPLASMOSIS: 304, 7876–7877
HISTORY OF MEDICINE, ANCIENT: 2131
HISTORY OF MEDICINE, 16TH CENT.: 2131, 8823
HISTORY OF MEDICINE, 19TH CENT.: 289, 1378, 1596, 1731, 3879, 6354, 9440
HISTORY OF MEDICINE, 20TH CENT.: 289, 443, 559, 1378, 1596, 1731, 2346, 3879, 4039, 5460, 6354, 6662, 8192, 8823, 8996, 9411
HL-A: 94, 517, 703, 1059, 1234, 1514, 1723, 1782, 1867, 2172, 2298–2300, 2550, 2594, 2641, 2925, 3125, 3185, 3195–3196, 3313, 3355, 3537, 3694, 3750–3752, 3814, 4081, 4339, 5353, 5445, 5527, 5675, 5777, 5848, 5850, 5863, 6398, 6400–6401, 6434, 6485, 6697, 6920, 7012, 7111–7112, 7140, 7291, 7446, 7562, 8077, 8080, 8211, 8438, 8711, 9184, 9234, 9508, 10128, 10347
HODGKIN'S DISEASE: 534, 669, 989, 1415, 1479, 1646, 1726, 2594, 3124, 3642, 4123, 4422, 5532, 7199, 8120, 8193, 8706, 8833, 9721, 9877
HOG CHOLERA: 4910, 5228
HOLMIUM: 1939
HOLOGRAPHY: 9885
HOME CARE SERVICES: 66, 135, 137–138, 220, 839, 920, 1093–1094, 1967, 2100, 2415, 2840, 3850–3851, 4151, 4305, 4396, 5390, 5857, 6985–6986, 8097, 8354, 9605
HOME NURSING: 123, 137–138, 920, 2406, 5390, 6986, 9605
HOMEOSTASIS: 342, 1667, 1974, 3293, 4074, 5361, 5478, 6101, 6500, 7141, 7415, 8445
HOMOARGININE: 8227, 9070
HOMOCYSTEINE: 3393, 10216
HOMOCYSTINE: 3630, 7774, 8239, 8470, 9400, 10216
HOMOCYSTINURIA: 533, 3393, 3629–3630, 5952, 8239, 9400, 10216
HOMOLOGOUS WASTING DISEASE: 2570
HOMOSERINE: 2319, 10108
HOMOVANILLIC ACID: 4092, 6282, 9186, 9260
HOMOZYGOTE: 1920, 2541, 2554, 3351, 4682, 5353, 5586, 9701
HORMONES: 107, 349, 482, 2386, 2953, 3048, 4096, 4204, 5279, 5667, 5719, 5901, 7062, 7491, 8779, 9443, 9487
HORMONES, ECTOPIC: 1783
HORSE DISEASES: 649, 2654, 3873, 4229
HORSERADISH PEROXIDASE: 2566, 2757, 4343, 7345, 9883–9884
HORSES: 142, 649, 900, 1005, 1619, 1889, 2189, 2267, 2512, 2530, 2654, 2848, 2972, 3472, 3532, 3616, 3638, 3842, 3873, 4115, 4229, 4392, 4406, 5199, 6270, 6941, 7918, 7954, 7956–7957, 8124, 8502, 8761, 10209
HOSPITAL DEPARTMENTS: 5847
HOSPITAL EMERGENCY SERVICE: 4041, 9242
HOSPITAL EQUIPMENT AND SUPPLIES: 10339
HOSPITAL INFECTIONS: 4664, 6122, 8318, 9737
HOSPITAL MEDICAL STAFF: 2398
HOSPITAL MEDICATION SYSTEMS: 9946
HOSPITAL OUTPATIENT CLINICS: 1972, 7251
HOSPITAL PHARMACY SERVICE: 4949
HOSPITAL UNITS: 1229
HOSPITALIZATION: 217, 220, 633, 737, 2395, 2802, 3541, 4321, 4536, 5974, 6022, 6776, 6985, 7333, 8785
HOSPITALS: 2970, 4329
HOSPITALS, COMMUNITY: 3174
HOSPITALS, SPECIAL: 461, 769, 5977, 6239
HOSPITALS, TEACHING: 461
HUMERAL FRACTURES: 764
HUMERUS: 7746
HUMIDITY: 8948
HUNGER: 40
HUNTINGTON CHOREA: 4743, 5607, 5729, 8730
HYALIN SUBSTANCE: 160, 6082, 7138, 9141
HYALINE MEMBRANE DISEASE: 42, 175–177, 1300, 8979–8980, 8982, 9923
HYALURONIC ACID: 314, 359, 815, 1346, 1456, 1568, 1785, 1880, 4560, 4761, 5829, 6118, 6523, 7896, 7936, 8005, 8164, 9099, 9523, 9822, 10102, 10133
HYALURONIDASE: 193, 233, 370, 945, 1534, 1904, 1932, 2048, 2639, 2757, 3911, 4103, 4541, 4560, 4852, 5301, 5751, 6063, 6118, 6263, 6360, 7152, 7827, 7866, 8892, 9710, 9732, 9822, 10039, 10113, 10135
HYBRID CELLS: 703, 1292, 1920, 3381, 4400, 5658–5659, 6602, 7312
HYBRIDIZATION: 588, 2570, 3024, 9987
HYDANTOINS: 3290
HYDATIDIFORM MOLE: 634, 1392, 5566, 9335
HYDRALAZINE: 1373, 4619, 5865, 6573, 6626
HYDRAZINES: 2096, 6335, 7673, 9291, 9694
HYDRO-LYASES: 1230, 3079, 4904, 9400
HYDROCARBONS, CHLORINATED: 6940, 8882
HYDROCELE: 967, 9123
HYDROCEPHALUS: 65, 2480, 2678, 2738, 3460, 4899, 5057, 5408, 5993, 6029, 6702, 8029, 9397, 9450
HYDROCHLORIC ACID: 4250, 4908, 5375
HYDROCHLOROTHIAZIDE: 606, 7122, 7175, 8018
HYDROCORTISONE: 191, 349, 1306, 1674, 1783, 1817, 2378, 2471, 2587, 3047, 3507, 3876, 3961, 4119, 4384, 4467, 4749, 4829, 4934, 5049, 5148, 5173, 5272, 5410, 5640, 5668, 5778, 6101, 6967, 7018, 7046, 7164, 7467, 7794, 8038, 8477, 8911, 9024, 9288, 9551, 10013, 10249, 10316
HYDROFLUORIC ACID: 2457–2458
HYDROGEN: 841, 2268, 3641, 8415, 8710
HYDROGEN BONDING: 940, 3877, 3986, 6063, 6320, 7332, 8873
HYDROGEN-ION CONCENTRATION: 7, 25, 41, 55, 77, 97, 99, 111, 154, 184, 193, 195, 202, 206, 269, 283, 285, 294, 298, 321, 385–386, 423, 505, 508, 536, 538, 580, 590, 686, 691, 712, 803, 814, 876, 879, 927–928, 941, 948–949, 999, 1041–1042, 1095, 1148, 1174, 1185–1186, 1212, 1245, 1407,

1418, 1443, 1475, 1480, 1508, 1511, 1551, 1620, 1647, 1746, 1751, 1755, 1760, 1767, 1803, 1887, 1903, 1919, 1957, 1981–1982, 1994–1995, 2004, 2053, 2057, 2072, 2149, 2160, 2164, 2239, 2282, 2285, 2302, 2340, 2366, 2388, 2447, 2483, 2502, 2515, 2523, 2561, 2596, 2644, 2671, 2677, 2701, 2814, 2853–2855, 2883, 2885, 2891, 2903, 2928, 2961, 2967, 3021, 3026, 3093, 3128, 3156, 3205, 3224, 3233, 3240, 3276, 3331, 3381, 3404, 3430, 3450, 3578, 3594, 3661, 3682, 3711, 3751, 3759, 3781, 3815, 3820–3821, 3825, 3838, 3866, 3877, 3891, 3922, 3932–3933, 3949, 3986, 4005, 4016, 4026, 4028, 4095, 4108, 4111, 4114, 4122, 4134, 4144, 4165, 4175, 4201, 4250, 4294, 4359, 4370, 4394, 4416, 4425, 4435, 4474, 4485, 4511, 4548, 4615, 4638–4639, 4690, 4696–4697, 4708, 4721, 4768, 4771, 4807–4808, 4821, 4823, 4833, 4845, 4859, 4877, 4883, 4898, 4906, 4955, 5036, 5139, 5179, 5235, 5266, 5269, 5279, 5358, 5375, 5401, 5406, 5420, 5427, 5502, 5528, 5543, 5551, 5563, 5568, 5573, 5599, 5617, 5645, 5700, 5727, 5758, 5766, 5779, 5810, 5887, 5891, 5898, 5936, 6000, 6028, 6063, 6101, 6105, 6123, 6128, 6150, 6214, 6237, 6246, 6255, 6264, 6289–6290, 6304, 6321, 6329, 6361, 6386, 6407, 6439, 6459, 6486, 6512–6513, 6521, 6531, 6589, 6597, 6664, 6670, 6729, 6763, 6803, 6837, 6843, 6863, 6877, 6904, 6916, 6925, 6929, 6972–6973, 6999, 7051, 7197, 7265, 7305, 7316, 7355, 7415, 7464, 7473, 7546–7547, 7644, 7694, 7696, 7715, 7745, 7763, 7821, 7842, 7871, 7895, 7914, 7918, 7975, 7985, 7997, 8004, 8032, 8089, 8164, 8226–8227, 8238, 8265, 8270–8271, 8299, 8322, 8383, 8415, 8428–8430, 8435, 8443–8444, 8454, 8494, 8502, 8534, 8541, 8585, 8592, 8605, 8607, 8609, 8630, 8637, 8641, 8643–8644, 8661, 8679, 8725, 8759, 8824, 8831, 8873, 8909, 8915, 8922, 8944, 8983, 9028–9029, 9031, 9072, 9076, 9083, 9099, 9114, 9120, 9134, 9136, 9143, 9147, 9186, 9211, 9309, 9351–9352, 9361, 9366, 9372, 9381, 9383, 9393, 9423–9424, 9448, 9529–9530, 9560, 9584, 9698, 9717, 9723, 9730, 9781–9782, 9814, 9832, 9837, 9873, 9920, 9959, 9981, 9987, 9995, 10054, 10063, 10099, 10103, 10119, 10132, 10153, 10156, 10159, 10165, 10198, 10224, 10388

HYDROGEN PEROXIDE: 819, 1480, 3947, 5932, 8710, 8888, 9418

HYDROGENATION: 10109

HYDROLASES: 77, 385, 432, 927, 1074, 1084, 1962, 2304, 2929, 3572, 4640, 5694, 6395, 6532, 7790, 7827, 8410, 9120, 9362, 9520, 9541

HYDROLYSIS: 43, 265, 431, 869, 896, 1464, 1502, 1528, 1849, 1879, 1941, 2245, 2389, 2414, 2457–2458, 3379, 3698, 4026, 4095, 4214, 4333, 4476, 4527–4528, 4545, 4556, 4650, 4749, 4786, 4800–4801, 4815, 4883, 5048, 5218, 5560, 5569, 5612, 5727, 6084, 6260, 6320, 6368, 6460, 6637, 6659, 6778, 6926, 6989, 7051, 7638, 7759, 7782, 7871, 7895, 7955–7957, 8118, 8138, 8316, 8444, 8495, 8509, 8532, 8555, 8606, 8639, 8745, 8823, 8919, 8958, 9101, 9281, 9405, 9461, 9814, 10025, 10109

HYDRONEPHROSIS: 971, 1574, 4847, 7751, 9123, 9397, 9623

HYDROPHTHALMOS: 3029

HYDROQUINONES: 1496, 3891, 3893

HYDROSTATIC PRESSURE: 2481, 2874, 5190, 9836

HYDROTHERAPY: 5689

HYDROTHORAX: 1392

HYDROXY ACIDS: 202, 439, 1277–1278, 1522, 1575, 2325, 2430, 2685, 3339, 3470–3472, 3891, 5065, 5135, 5817, 6172, 6270, 6272–6273, 6554, 6649, 7409, 7961–7962, 8614, 8943, 8989–8990, 9731, 9872, 9920, 10166

2-HYDROXY-5-NITROBENZYL BROMIDE: 9402, 10168

HYDROXYAPATITES: 1994, 2627, 4016, 5427, 9366

HYDROXYBUTYRATE DEHYDROGENASE: 2027

HYDROXYBUTYRATES: 349, 2027, 3234, 4111, 8037

HYDROXYCHLOROQUINE: 1606, 1748, 2931, 3607, 4048, 4050

HYDROXYCHOLECALCIFEROLS: 2802, 9490

11-HYDROXYCORTICOSTEROIDS, SYNTHETIC: 26

4-HYDROXYCOUMARINS: 35, 791, 1194, 4073, 4255, 4724–4726, 5156, 6413, 7521, 7717, 7802, 8142, 9517, 9578, 9639

HYDROXYETHYL STARCH: 93, 141, 4038, 4272, 5490, 7326

HYDROXYETHYLRUTOSIDE: 1482, 1485, 3447, 4960, 8285

HYDROXYINDOLEACETIC ACID: 56, 2588, 4092, 5787, 6282, 7021

HYDROXYLAMINES: 5375, 6799

HYDROXYLASES: 262, 1056, 2620, 3594, 3962, 4502, 4971, 5774, 6198, 6356, 6947, 7046, 7271, 7609, 8622, 9532, 9534, 9736, 9920, 10034

HYDROXYLATION: 2619, 4017, 4358, 5293, 7011, 9300

HYDROXYLYSINE: 8609

HYDROXYMETHYLGLUTARYL COA REDUCTASES: 6939

HYDROXYPROGESTERONE: 1331, 2620

HYDROXYPROLINE: 3613, 4652, 6173, 6387, 7206

8-HYDROXYQUINOLINE: 8059, 9158, 9882, 10019

HYDROXYQUINOLINES: 2115, 3641

HYDROXYSTEROID DEHYDROGENASES: 707, 922, 1331, 4476, 5093, 9955

HYDROXYTRYPTOPHAN: 6356, 7407, 9036, 10013

HYDROXYUREA: 2705, 3608, 4331, 5035, 9954

HYGIENE: 8334

HYMECROMONE: 1705

HYMEN: 2119

HYMENOPTERA: 4410

HYPERALDOSTERONISM: 3580, 5280, 5695, 8296, 9442, 9487, 10350

HYPERALGESIA: 2606

HYPERBARIC OXYGENATION: 760, 3234, 3656–3657, 5523, 5756, 8894

HYPERBILIRUBINEMIA: 417, 5399, 7770

HYPERCALCEMIA: 2196, 3370, 3782, 5691, 5922, 7088, 8146

HYPERCAPNIA: 7033, 8034

HYPERCHOLESTEREMIA: 116, 323, 1193, 1211, 1862, 2280, 2541, 2554, 2679, 2769, 3258, 3518, 4546, 4672, 5764, 5782, 6196, 7438, 7565, 8222, 8380, 8852, 9608, 9725, 9845, 10148, 10178, 10380

HYPEREMIA: 2590, 9011

HYPERGAMMAGLOBULINEMIA: 2106, 2118, 2540, 5691, 7706, 7979, 9908

HYPERGLYCEMIA: 2028, 2044, 2281, 3652, 4354

HYPERKALEMIA: 3004, 3370, 9254

HYPERLIPEMIA: 63, 116, 199, 203, 324, 432, 573, 604, 619, 621, 681, 725, 833, 930, 1211, 1431, 1759, 1764, 1781, 1852, 1993, 2012, 2023, 2083, 2280, 2630, 2679, 2949, 3047, 3127, 3244, 3271, 3388–3389, 3518, 3576, 3723, 4373, 4546, 4797, 5125, 5352, 5498, 5514–5515, 5628, 5782, 5885, 5977, 6534, 6608, 6653, 7235, 7278, 7322, 7388, 7390, 7472, 7489, 7542, 7565, 7743, 8071, 8252, 8391, 8584, 8714, 8852, 9326, 9374, 9440, 9548, 9608–9609, 9613, 9745, 9768, 9845, 10270, 10281, 10375

HYPERLIPEMIA, ESSENTIAL FAMILIAL: 1319, 2553–2554, 2679, 2920, 3244, 4546, 5120

HYPEROPIA: 9597

HYPEROSTOSIS, CORTICAL CONGENITAL: 9493

HYPERPARATHYROIDISM: 8234, 9563

HYPERPARATHYROIDISM, SECONDARY: 7390

HYPERPLASIA: 1102, 1119, 1309, 1665, 2047, 3610, 3702, 6433, 6545, 6638–6639, 8055, 8419, 9006, 9189

HYPERSENSITIVITY: 251, 350, 426, 1140, 1163, 1390, 1926, 2091, 2680, 3201, 3209, 4196, 4420–4421, 5440, 6167, 6398, 6997, 7716, 8179, 8499, 8680, 8878, 8951, 9165, 10250

HYPERSENSITIVITY, DELAYED: 2312–2313, 2755, 2807, 4131, 4670, 4849, 6058, 7006, 7136, 7341, 7345, 7992, 9048, 9409, 9990–9991

HYPERSENSITIVITY, IMMEDIATE: 18, 1252, 2680, 4843, 5440, 7423

HYPERSPLENISM: 2010, 2392, 3702, 4079, 5784, 6996, 9515, 10026–10027

HYPERTENSION: 130, 133, 160, 255, 323, 341, 405, 512, 597, 604, 617, 880, 1122, 1242, 1342, 1350, 1355, 1422, 1593, 1623, 1628, 1744, 1837, 1847–1848, 1862, 2207, 2342, 2420, 2481, 2779, 2876, 2880–2881, 2899, 3011, 3287, 3299, 3385, 3535, 3541, 3652, 3723, 3935, 3972, 4184, 4489–4490, 4550, 4812, 4831, 4868–4869, 4900, 5061, 5121, 5260, 5281, 5327, 5352, 5404, 5515, 5562, 5637, 5865, 5885, 5922, 5974, 6072, 6140, 6229, 6296, 6469, 6487, 6534, 6593, 6626, 6681, 6685, 7054, 7172, 7252, 7275, 7280, 7388, 7390, 7425, 7433, 7542, 7544, 7736, 7982, 8003, 8257, 8296, 8303, 8320, 8385–8386, 8445, 8466, 8493, 8556, 8647–8648, 8977, 9007, 9150–9151, 9203, 9241, 9331–9332, 9442, 9487, 9576, 9768, 9784, 9943, 10275

HYPERTENSION, MALIGNANT: 726, 1355, 4313

HYPERTENSION, PORTAL: 427, 543, 706, 989, 1952, 2392, 2821, 3384, 4079, 4136, 4216, 5073, 5217, 5438, 5631, 5784, 6599, 6965, 7107, 7238, 8120, 8872, 9006, 9294, 9515

HYPERTENSION, PULMONARY: 31, 473, 658, 692, 932, 1021, 1219, 2042, 2351, 2474, 2761, 3719, 4286, 5160, 5464, 7192, 7472, 7544, 8382, 8682, 8769, 9399, 9942

HYPERTENSION, RENAL: 133, 379, 1374, 1834, 1974, 2201, 2391, 2930, 3130, 3496, 4366, 4504, 4944, 6627, 7749, 8690, 9062, 9487

HYPERTHYROIDISM: 417, 1332, 2173, 2240, 2588, 3078, 3158, 4937, 6115, 6685, 7063, 7142, 7319, 8685, 8917, 9231, 9719, 9925, 9989

HYPERTONIC SOLUTIONS: 2629, 4637, 8894

HYPERTROPHY: 1119, 1914, 2269, 3798

HYPERVENTILATION: 2779

HYPESTHESIA: 5335

HYPHEMA: 4447, 4680, 4967, 5310, 5545, 7120, 7302

HYPNOSIS: 2497

HYPNOTICS AND SEDATIVES: 482, 557, 1814, 3779, 4096, 4455, 5960, 6022, 8894, 9526

HYPOCALCEMIA: 488, 2012, 6836, 6852, 7511

HYPOGLOSSAL NERVE: 2295, 6436
HYPOGLYCEMIA: 40, 557, 2028, 5450, 5757, 6096, 7506
HYPOGLYCEMIC AGENTS: 646, 741, 1505, 1538, 1961, 3011, 3490, 3611, 4064, 5884, 6331, 6651, 7949, 8063, 9140, 9282, 9468, 9486, 10364
HYPOGONADISM: 519
HYPOKALEMIA: 1217, 2432, 3370, 6032, 7555, 9967
HYPONATREMIA: 1677
HYPOPHYSECTOMY: 1783, 1868, 3282, 4856
HYPOPROCONVERTINEMIA: 513, 653, 1062, 1152, 2484, 2865, 4838, 5833, 5866, 6047, 10157
HYPOPROTEINEMIA: 2706, 4123, 5628, 7119, 7706
HYPOPROTHROMBINEMIAS: 37, 114, 464, 817, 1912, 2783, 2878, 3135, 3138–3139, 3177, 4381, 4974, 4990, 5418, 5866, 6029, 6765, 6998, 8147, 8700, 8767, 10140
HYPOSPADIAS: 9623
HYPOTENSION: 23, 2012, 2295, 2779, 2953, 3107, 3551–3552, 4590, 4704, 4834, 4944, 5317, 6492, 7241, 7248, 7686, 7734, 7787, 7898, 8698, 9278, 9403
HYPOTENSION, CONTROLLED: 1639, 2453, 5781, 7081
HYPOTHALAMO-HYPOPHYSEAL SYSTEM: 109, 3402, 5901
HYPOTHALAMUS: 343, 348, 485, 884, 1535, 2493, 2938, 3008, 3403–3404, 3518, 4184, 4468, 4835, 5173, 5719, 5787, 6161, 9119, 9925
HYPOTHALAMUS, POSTERIOR: 2493
HYPOTHERMIA: 1688, 2308, 3370, 6884, 7034, 9265, 10392
HYPOTHERMIA, INDUCED: 261, 343, 409, 1368, 1689, 2238, 2402, 2671, 5219, 5408, 5508, 5771, 6140, 7403, 10195
HYPOTHYROIDISM: 1616, 2173, 2550, 2588, 3370, 3809, 8685, 9524, 9925
HYPOTONIC SOLUTIONS: 2958, 6772–6773, 8695
HYPOVENTILATION: 10228
HYPOXANTHINE PHOSPHORIBOSYLTRANSFERASE: 565, 703, 6184, 6541
HYPOXANTHINES: 2855, 6541, 9478
HYRAXES: 2033
HYSTERECTOMY: 1465, 4438, 6293, 8047, 8593, 9927, 10195
HYSTERECTOMY, VAGINAL: 4438, 6293, 9401
HYSTERIA: 8070
HYSTERICAL PERSONALITY: 6066

I

I BLOOD-GROUP SYSTEM: 5543, 7693
IATROGENIC DISEASE: 733, 1287, 1290, 2081, 2635, 3152, 3396, 3503, 3722, 4457, 5756, 6283, 7333, 8263, 9294, 9722, 9791, 10308
IBUPROFEN: 2680, 5021, 5550, 6067, 8030, 8577–8578
IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS: 198, 540, 6685
IDITOL DEHYDROGENASE: 6913, 8285
IDOXURIDINE: 9240, 9350, 9954
IDURONIC ACID: 362, 6284, 6831, 7113
IGA: 128, 505, 1173, 1314, 1990, 2118, 2625, 2801, 2858, 3216, 3250, 3320, 4123, 4666, 4865, 4917, 4950, 4957, 5158, 5307, 5692, 5697, 5709, 5842, 6113, 7009, 7015, 7250, 7753, 7755, 7765, 7784, 7926, 7979, 8306, 8397, 8660, 8667, 8689, 9416, 9621
IGA, SECRETORY: 4950, 5147, 7525, 8536, 9416
IGD: 393, 1070, 4308, 7009
IGE: 18, 378, 426, 3256–3257, 3791, 3793–3794, 4123, 4983, 5440, 5478, 5668, 6392, 7021, 7570, 8689, 9754, 9908, 10188, 10386
IGG: 128, 162, 354, 367, 426, 505, 621, 754, 842, 1016, 1033, 1172–1173, 1363, 1376, 1608, 1610, 2176, 2353, 2369, 2459, 2558, 2574, 2801, 2858, 3058, 3216, 3320, 3533–3534, 3579, 3706, 3737, 3761, 3794, 3864, 3969, 4047, 4123, 4259, 4270, 4318, 4361, 4387, 4409, 4490, 4610, 4666, 4719, 4744, 4767, 4983, 5020, 5147, 5158, 5238, 5307, 5352, 5398, 5412, 5527, 5614, 5697, 5709, 6028, 6130–6131, 7009, 7015, 7122, 7162–7163, 7262, 7289, 7310–7311, 7361–7362, 7688, 7753, 7755, 7786, 7826, 7926, 7979, 8187, 8306, 8402, 8469, 8484, 8523, 8565, 8660, 8667, 8689, 8745, 8814, 9049, 9115, 9208, 9389, 9425, 9558, 9621, 9646, 9667, 9702, 9835, 9921, 9956, 10046, 10090, 10193, 10229, 10297, 10343
IGM: 128, 162, 505, 591, 754, 842, 1070, 1173, 1233, 1376, 2176, 2369, 2801, 3216, 3320, 3425, 3579, 3761, 4003, 4270, 4387, 4409, 4666, 4717, 4719, 4917, 4957, 5020, 5290, 5307, 5352–5353, 5398, 5527, 5692, 5697, 5709, 5722, 6498, 7009, 7131, 7250, 7361–7362, 7755, 7826, 7926, 8187, 8340, 8397, 8484, 8660, 8689, 9409, 9493, 9558, 9621, 9702, 9870, 9938, 10090, 10247, 10297, 10343
ILEUM: 350, 953, 1063, 1435, 1803, 2214, 3092, 3933, 5425, 5999, 6242, 6292, 6413, 7674, 8494–8495, 10178, 10370
ILIAC ARTERY: 151, 570, 1003, 1343, 1583, 1890, 1902, 2000, 2081, 2590, 3168, 4364, 4848, 5081, 5652, 5942–5943, 6019, 6359, 6537, 7089, 8062, 8341, 8992, 9172, 9388, 9579, 9738, 9812, 9833, 9928
ILIAC VEIN: 282, 317, 379, 457, 528, 531, 1028, 1343, 1773, 2063, 2098, 2781, 2812, 2833, 3436, 3720, 3881, 3904, 3914, 4307, 4890, 4896, 4991–4992, 5340, 5596, 6085, 6275, 6553, 6560, 6737, 6768, 6776, 6855, 6963, 7406, 8014, 8819, 9020, 9024, 9162, 9193, 9475, 10302, 10352
ILIUM: 3702, 5930
ILLEGITIMACY: 9320
IMIDAZOLES: 441, 1889, 2205, 3405, 4883, 5910, 6272, 6555, 6649, 7409, 9211, 10109, 10375
IMIDES: 4494, 7488, 7806, 8959
IMIPRAMINE: 555, 633, 1798, 1839, 2025, 2374, 2567, 6862, 7551, 8378, 8932, 9948
IMMERSION: 2481, 4693, 7336
IMMOBILIZATION: 670, 2327, 2933, 10089
IMMUNE ADHERENCE REACTION: 517, 3002, 3956, 4119, 4196, 4670, 5246, 6122, 6901, 6935, 7801, 8484, 8820, 9658, 9787
IMMUNE COMPLEX DISEASE: 608, 2755, 3794, 5158, 5709, 7525, 7815, 7828, 8179, 8211, 8370, 10394
IMMUNE SERUMS: 33, 223, 549, 780, 792, 877, 884, 1010, 1017, 1226, 1536, 1545, 1610, 1723, 1801, 1810, 1850, 2210, 2341, 2405, 2566, 2606, 2808, 3012, 3193, 3571, 3680, 3853, 4181, 4203, 4222, 4270, 4361, 4371, 4403, 4885, 4963, 5012, 5147, 5185, 5341, 5412, 5683, 5688, 5917, 5932, 6076, 6132, 6231, 6240, 6394, 6468, 6480, 6485, 6770, 6807, 6834, 6881, 7291, 7318, 7362, 7394, 7890, 7903, 7953, 8218, 8434, 8618, 8622–8623, 8675, 8692, 8886, 9057, 9125, 9208, 9331, 9527, 9533, 10347
IMMUNE TOLERANCE: 648, 3983, 6468
IMMUNITY: 3, 297, 364, 375, 378, 909, 1356, 1866, 2836, 3184, 3320, 4362, 4719, 6487, 6562, 6937, 9192, 10394
IMMUNITY, CELLULAR: 3, 18, 144, 375, 378, 810, 909, 1109, 1955, 1962, 2069, 2313, 2496, 2755, 3184, 3320, 3579, 3828, 4587, 4953, 5083, 5440, 5518, 5591, 5672, 5986, 6399, 6468, 6571, 6955, 7013, 7136, 7163, 7323, 7345, 7361, 7470, 7699, 7755, 7915, 7992, 8343, 8492, 8817, 8912, 9048, 9191, 9239–9240, 9409, 9886, 9908, 10045
IMMUNITY, PASSIVE: 9048
IMMUNIZATION: 331, 648, 653, 772, 1125, 1144, 1226, 1459, 2300, 2641, 2720, 3342, 4204, 5012, 5290, 5412, 6190, 6935, 8218, 8711, 8877, 9055, 10385
IMMUNIZATION, SECONDARY: 763, 3761, 5290
IMMUNOASSAY: 142, 354, 780, 2901, 3359, 4277, 5685, 5878, 5939, 6161, 8181, 8676
IMMUNOCHEMISTRY: 591, 10343
IMMUNOELECTROPHORESIS: 214, 266, 293, 780, 1017, 1046, 1126, 1172, 1317, 1500, 1626, 1698, 1721, 1919, 2127, 2146, 2154, 2210, 2304, 2407, 2459, 2564, 2851, 2858, 3058, 3131, 3336, 3421, 3435, 3533–3534, 3921, 4308, 4337, 4492, 4861, 4976, 5012, 5183, 5647, 5725, 5773, 5837, 6113, 6200, 6334, 6393, 6629, 6717, 6807, 6827, 6834, 6879, 6881, 6896, 6946, 7585, 7784, 7843, 8453, 8611, 8781, 8827, 8945, 9015, 9115, 9676, 9703, 9938, 9956, 10132, 10143
IMMUNOELECTROPHORESIS, TWO-DIMENSIONAL: 195, 214, 780, 1542, 2356, 2409, 2522, 2965, 3801, 3853, 3899, 5147, 5725, 6432, 6810–6812, 8388, 8610, 8935, 9182, 9873
IMMUNOENZYME TECHNICS: 842, 1172–1173, 2371, 2589, 2973, 3489, 4304, 4950, 5158, 9125, 9667
IMMUNOGENETICS: 1843, 3195, 7112
IMMUNOGLOBULIN ALLOTYPES: 6131, 6935, 7009, 9646, 9807, 9886
IMMUNOGLOBULIN FRAGMENTS: 2405, 2574, 3177, 6130–6131, 8814, 9416
IMMUNOGLOBULIN VARIABLE REGION: 1394, 7009, 7289
IMMUNOGLOBULINS: 166, 514, 517, 619, 947, 1260, 1390, 1463, 1570, 1788, 2018, 2090–2091, 2508, 2586, 3213, 3216, 3613, 3779, 3790, 4027, 4123, 4270, 4945, 4957, 5226, 5291, 5307, 5674, 5736, 6063, 6376, 6487, 6879, 6974, 7006, 7317, 7519, 7753, 7799, 7869, 8187, 8288, 8565, 8646, 8660, 9199, 9807, 10117, 10285, 10343, 10394
IMMUNOGLOBULINS, ALPHA CHAIN: 9416, 10046
IMMUNOGLOBULINS, DELTA CHAIN: 1070
IMMUNOGLOBULINS, FAB: 591, 842, 1033, 1070, 1172, 2574, 2589, 3058, 3256–3257, 3489, 3621, 4003, 4270, 4308, 4950, 5614, 6028, 7250, 8110, 8660, 9938, 10188, 10229, 10343
IMMUNOGLOBULINS, FC: 505, 591, 1033, 1070, 1233, 1314, 1609–1610, 2369, 2459, 2464, 3058, 3256–3257, 3302, 3706, 4308, 4587, 5527, 5591, 6131, 6571, 7163, 7250, 7525, 7620, 7801, 8484, 8552, 8660, 8745, 8820, 9416, 9425, 9787, 9807, 9938, 10045–10046
IMMUNOGLOBULINS, FD: 8708
IMMUNOGLOBULINS, GAMMA CHAIN: 6131, 7525
IMMUNOGLOBULINS, HEAVY CHAIN: 4047, 6130–6131, 7009, 7289, 7310–7311, 8660, 9416, 10046
IMMUNOGLOBULINS, J CHAIN: 818, 4917, 6113, 6260
IMMUNOGLOBULINS, KAPPA CHAIN: 4767, 7015, 7557

IMMUNOGLOBULINS, LAMBDA CHAIN: 4768, 6028, 7015, 7557
IMMUNOGLOBULINS, LIGHT CHAIN: 1394, 2806, 3177, 4047, 4768, 5238, 6113, 7632, 8660, 10343
IMMUNOGLOBULINS, SURFACE: 338, 1070, 4003, 5527, 5591, 7009, 7220, 7361, 7620, 7826, 8182, 8484, 9647, 9787, 9807, 10045
IMMUNOLOGIC DEFICIENCY SYNDROMES: 187, 1696, 2018, 2252, 3216, 3302, 3828, 3983, 4044, 4123, 4953, 7012, 7706, 7753, 7755, 7828, 7913, 7926, 8120, 9806
IMMUNOLOGIC DISEASES: 426, 6058
IMMUNOLOGIC MEMORY: 7009
IMMUNOLOGIC TECHNICS: 148, 223, 331, 511, 544, 1679, 1955, 2468, 2566, 2924–2925, 3193, 3256–3257, 3465, 3560, 4524, 4587, 4671, 5180, 5770, 6400–6401, 6493, 6834, 7013, 7232, 7514, 7525, 8397, 8817, 9121, 9425, 9807, 10145, 10360, 10394
IMMUNOSORBENT TECHNICS: 3853, 6043, 7140, 7639, 8886, 9527
IMMUNOSORBENTS: 2485, 6485, 6834, 7765, 8434
IMMUNOSUPPRESSION: 136, 299, 331, 742, 1411, 1526, 1834, 1866, 2252, 2872, 2923, 3395, 3761, 4040, 4138, 4361, 6468, 6935, 7390, 8058, 8566, 8669, 9184, 9806, 10228, 10343
IMMUNOSUPPRESSIVE AGENTS: 83, 110, 1374–1375, 1478, 1526, 1538, 1540, 2570, 3076, 4490, 4831, 5130, 5972, 6104, 7639, 7688, 7792, 9069, 9566, 9703, 9903
IMMUNOTHERAPY: 162, 1279, 5083, 7010, 9874, 9950
IMPETIGO: 4233
IMPOTENCE: 2650
INCLUSION BODIES, VIRAL: 8362, 8481
INCOME: 614
INCUBATORS: 3240
INDANS: 667, 2251, 2683, 3069, 6153, 9282
INDENES: 2683, 3357, 6357
INDIANS, NORTH AMERICAN: 2131, 9965
INDICATOR DILUTION TECHNICS: 2756, 7598
INDICATORS AND REAGENTS: 698, 1990, 2243, 2389–2390, 2405, 2916, 3123, 3886, 4508, 5751, 6121, 6699, 7295, 7547, 7673, 7690, 7806, 7924, 8102, 8236, 8361, 8484, 9667, 10189, 10347
INDIGO CARMINE: 4843
INDIUM: 3338, 3890, 5011, 5707, 8059, 9090–9091, 9158
INDIVIDUALITY: 7642, 9034
INDOCYANINE GREEN: 996, 2796, 7850, 7877, 8829
INDOLEACETIC ACIDS: 422, 3891
INDOLES: 1383, 2131, 2385, 3470–3472, 3570, 3919, 4303, 5263, 7188, 9099
INDOMETHACIN: 241, 896, 1047, 1238, 1374, 1520, 1523, 1637, 1706, 1810, 1968, 2005, 2022, 2024, 2325, 2606, 3163, 3269, 3339, 3357, 3471, 3580, 3684, 3893, 3961, 4263, 4344, 5021, 5065, 5477, 5695, 6104, 6270–6271, 6357, 6383, 6446, 6566–6567, 6591, 6781, 7046, 7118, 7374, 7763, 7855, 7945, 8616, 8623, 8869, 8950–8951, 8985, 9150–9151, 9266, 9641, 9731, 9866
INDOPHENOL: 9564
INDUSTRIAL MEDICINE: 1590
INDUSTRIAL NURSING: 9780
INDUSTRIAL WASTE: 6285
INDUSTRY: 1207, 4392
INDWELLING CATHETER: 453, 1083, 3929
INFANT: 27, 40, 65, 114, 187, 471–472, 586, 614, 639, 652, 674, 677, 756, 767, 781, 785, 839, 953, 958, 971, 982, 1025, 1063, 1084–1085, 1140, 1149, 1219, 1236, 1297, 1319, 1326, 1368, 1370, 1390, 1412, 1570, 1583, 1596, 1648, 1688, 1696, 1835, 1872, 1881, 1909, 1912, 1960, 2003, 2018, 2044, 2047, 2093–2094, 2097, 2116, 2119, 2150, 2238, 2244, 2281, 2354, 2360, 2392, 2406, 2408, 2480, 2506–2508, 2524, 2529, 2571, 2576, 2599, 2661, 2697, 2783, 2804, 2873, 3216, 3246, 3275, 3320, 3441, 3448, 3469, 3514, 3561, 3677, 3828, 3836, 3897, 3943, 3955, 3983, 4019, 4042, 4077, 4123, 4174, 4189, 4220, 4232–4233, 4289, 4300–4301, 4340, 4347, 4429–4430, 4450, 4506, 4552, 4666, 4717, 4731, 4740, 4746, 4831, 4842, 4888, 4891, 4895, 4899, 4901, 4911, 4953, 4957, 4968, 4990, 5018, 5030, 5123, 5151, 5205, 5265, 5273, 5275, 5294, 5332, 5362, 5400, 5419, 5441, 5446, 5508, 5586, 5594, 5605, 5653, 5662, 5738, 5791, 5795, 5831, 5920, 5972–5973, 5993, 6029, 6050, 6082, 6096, 6167–6168, 6204, 6324, 6354, 6359, 6376, 6422, 6433, 6440, 6540, 6590, 6671, 6727, 6771, 6839, 6874, 6899, 6905, 6908, 6959, 6997, 7021, 7084, 7216, 7251, 7260–7261, 7278, 7328, 7421, 7437, 7463, 7466, 7480, 7495, 7577, 7617, 7665, 7669, 7682, 7702, 7754–7755, 7887, 7913, 7926, 7952, 8028, 8065, 8067, 8105, 8120, 8146–8147, 8191, 8229, 8243, 8245, 8342–8343, 8475, 8488, 8498, 8548, 8574, 8651, 8655, 8682, 8742, 8764, 8766, 8899, 8962, 8966–8967, 8974, 8976, 8999, 9024, 9034, 9124, 9167, 9272, 9274, 9320, 9325, 9365, 9388, 9450, 9494, 9521, 9575, 9623, 9657, 9720, 9737, 9767, 9802, 9822, 9831, 9856, 9861–9862, 9910, 9923, 10003, 10036, 10052, 10064, 10078, 10116, 10179, 10256, 10284
INFANT FOOD: 3562
INFANT, LOW BIRTH WEIGHT: 987, 1735, 3562–3563, 5765, 9388
INFANT MORTALITY: 3524, 5776
INFANT, NEWBORN: 5, 27, 40, 42, 65, 83, 90, 94, 161, 175–177, 183, 389, 407, 552, 677, 756, 781, 832, 839, 847, 850, 991, 1025, 1085, 1184, 1252, 1332, 1370, 1446, 1488, 1628–1629, 1688, 1717, 1743, 1768, 1784, 1851, 1872, 1874, 1912, 2044, 2049–2050, 2087, 2090, 2093–2094, 2206, 2244, 2349, 2360, 2362, 2406, 2522, 2524, 2607, 2684, 2693, 2697, 2708, 2752, 2790, 2865, 2985, 3155, 3178, 3190, 3234, 3275, 3291, 3318, 3349, 3448, 3469, 3490, 3505–3506, 3524, 3561–3563, 3677, 3687, 3730, 3761, 3836, 3897, 3939, 3960, 3983, 4077, 4109, 4230, 4232–4233, 4350, 4450, 4524, 4606, 4622, 4656, 4739, 4746, 4765, 4847, 4888–4889, 4899, 4957, 4960, 5300, 5361, 5373, 5377, 5400, 5419, 5441, 5446, 5465, 5476, 5508, 5605, 5634, 5653–5654, 5765, 5776, 5804, 5866, 6029, 6046, 6051, 6096–6097, 6141, 6167–6168, 6412, 6433, 6456, 6574, 6698, 6721, 6790, 6840, 6843, 6874, 6876, 6889, 6908, 6944, 7000, 7041, 7176, 7260, 7278, 7412, 7437, 7484, 7506, 7558–7559, 7577, 7726, 7751, 7831, 7861, 7887, 8027, 8034, 8048, 8064–8065, 8146–8147, 8173, 8213, 8266, 8381, 8437, 8475, 8484, 8528, 8588, 8657, 8682, 8684, 8742, 8830, 8890, 8962–8963, 8966, 8974, 8976, 8979–8982, 8991, 9001, 9013, 9062, 9071, 9124, 9128, 9155, 9233, 9265, 9325, 9388, 9421, 9435, 9486, 9493, 9513, 9551, 9590, 9699, 9737, 9767, 9803, 9896, 9910, 9923, 9980, 10024, 10064, 10098, 10140, 10295, 10317, 10361
INFANT, NEWBORN, DISEASES: 42, 65, 83, 90, 407, 552, 1628–1629, 1688, 1696, 1743, 1784, 1874, 1912, 2087, 2090, 2206, 2607, 2693, 2752, 3155, 3524, 3561–3563, 4350, 4524, 4765, 4847, 5476, 5508, 5634, 5654, 5864, 6051, 6097, 6456, 6721, 6790, 7000, 7041, 7176, 7412, 7484, 7506, 7558–7559, 7751, 7861, 8588, 8684, 8974, 8981–8982, 9001, 9071, 9265, 9325, 9388, 9421, 9551, 9590, 9896, 9980
INFANT NUTRITION: 2697, 10179
INFANT, PREMATURE: 175, 832, 1802, 8982, 9013, 9265, 9435
INFANT, PREMATURE, DISEASES: 5, 1743, 1912, 2607, 3505, 5804, 6698
INFANT, SMALL FOR GESTATIONAL AGE: 1735, 3562, 5765, 6051
INFARCTION: 236, 407, 434, 705, 953, 1112, 1874, 1905, 1934, 2087, 2188, 2450, 2930, 3084, 3541, 3609–3610, 4456, 4568, 4795, 4848, 4899, 5621, 6433, 7982, 8657, 9128, 9388, 10300, 10376
INFECTION: 113, 740, 871, 1342, 1778–1779, 2281, 2395, 2742, 2778, 2872, 3112, 3705, 3729, 3869, 3937, 4044, 4897, 5201, 5250, 5291, 5438, 5592, 5631, 5662, 5969, 6283, 6445, 7258, 7450, 7741, 7799, 8065, 8080, 8123, 8319, 8337, 8613, 8877, 8890, 9124, 9129, 9293, 9339, 9950, 10391, 10394
INFECTIOUS ARTERITIS VIRUS OF HORSES: 8322
INFECTIOUS MONONUCLEOSIS: 299, 1621, 4995, 6201, 8448, 9741
INFLAMMATION: 144, 168, 271, 351, 364, 581, 793, 1417, 1739, 1844, 1962, 2022, 2176, 2230, 2336, 2343, 2468, 2546, 2606, 2658, 2755, 2819, 2902, 2950, 3027, 3120, 3175, 3398, 3632, 3688, 3794, 3818, 3899–3900, 3984, 4163, 4229, 4863, 5187, 5388, 5411, 5440, 5550, 6433, 6612, 7006, 7042, 7118, 7252, 7423, 7498, 7864, 7897, 8045, 8179, 8204, 8479, 8623, 9267, 9531, 9538, 9801, 9908, 10042, 10212, 10368
INFLUENZA: 722, 3129, 4398, 5649, 5763, 6221, 8398, 10008
INFLUENZA VACCINE: 7662
INFORMATION RETRIEVAL SYSTEMS: 1704
INFORMATION SERVICES: 1617, 4336, 5733, 9946
INFORMATION THEORY: 7332
INFRARED RAYS: 996, 3918, 6711, 6884
INFUSIONS, PARENTERAL: 64, 321–322, 456, 893, 984, 1066, 1083, 1221, 1305, 1396, 1446, 1585, 1615, 1617, 1714, 1769, 1839, 1932, 2122, 2230, 2538, 2600, 2722, 2812, 2935, 2954, 3107, 3453, 3615, 3631, 3820–3821, 3880, 4082, 4250, 4272, 4473, 5309, 5731, 5781, 5792, 5827, 5855, 5859, 5877, 5910, 5932, 6003, 6054, 6283, 6578, 6665, 6700, 6855, 7001, 7229, 7316, 7398, 7448, 7540, 7708, 7939, 8026, 8413, 8422, 8482, 8792–8793, 8803, 8835, 9447, 9595, 9857, 9972, 10043, 10059, 10149, 10366
INGUINAL CANAL: 4520, 6987
INGUINAL HERNIA: 4407
INHALATION THERAPY: 1019, 9441
INJECTIONS: 237, 1397, 3462, 3546, 3593, 3880, 6261, 8231, 9676
INJECTIONS, INTRA-ARTERIAL: 1301, 4535, 4572, 5257, 6167, 6838, 10155
INJECTIONS, INTRA-ARTICULAR: 81, 1060, 5602, 9105
INJECTIONS, INTRADERMAL: 2681
INJECTIONS, INTRALYMPHATIC: 10041
INJECTIONS, INTRAMUSCULAR: 505, 527, 711, 3027–3028, 4012, 4209, 4664, 6665, 7264, 7798, 9027, 9444, 9456
INJECTIONS, INTRAPERITONEAL: 75, 2067, 3539, 4561,

5683, 5686, 6294, 9288, 9558
INJECTIONS, INTRAVENOUS: 68, 118, 157, 171, 176, 212, 352, 505, 524, 702, 1109, 1518, 1585, 1591, 1749, 2078, 2122, 2774, 2812, 2935, 3102, 3104, 3330, 3520, 3539, 3726, 4138, 4194, 4209, 4272, 4384, 4397, 4561, 4609, 4632, 5007, 5048, 5101, 5169, 5220, 5434, 5471, 5498, 5686, 5698, 5790, 5859, 5877, 6265, 6475, 6854, 7035–7036, 7222, 7264, 7407, 7655, 7939, 8086, 8158, 8286, 8483, 9027, 9132, 9181–9182, 9242, 9278, 9444, 9460, 9489, 9553, 9588, 9634, 9659, 9753, 9772, 9820, 10013, 10142, 10149, 10200, 10366
INJECTIONS, SUBCUTANEOUS: 253, 1032, 1071, 1205, 1308, 2122, 2229, 2277, 2333, 2381, 2479, 2646, 2812, 2934, 3134, 3188, 3486, 4209, 4280, 4355, 4985, 5686, 6008, 6054, 6265, 7020, 7239, 7398, 7592, 7622, 9008, 9171, 9181–9182, 9598, 9604, 9927, 10043
INNOMINATE ARTERY: 3997, 6422, 9725
INNOMINATE VEIN: 2775, 8843
INOSINE: 1979, 1981, 1984, 2855, 3667, 4158, 6446
INOSINE NUCLEOTIDES: 2855, 3947, 6446
INOSINE CYCLIC 3',5' MONOPHOSPHATE: 9142
INOSITOL: 7235
INSECT HORMONES: 3098
INSECT VECTORS: 2069
INSECT VIRUSES: 8481
INSECTICIDES: 3779, 6394, 10385
INSECTICIDES, ORGANOCHLORINE: 4310
INSECTICIDES, ORGANOPHOSPHATE: 1243
INSECTS: 5873
INSEMINATION: 10040
INSEMINATION, ARTIFICIAL: 8086
INSERVICE TRAINING: 2398
INSULIN: 40, 250, 292, 401, 436, 474, 1137, 1731, 1811, 1817, 1849, 1875, 2027, 2030, 2091, 2198, 2250, 2424, 2467, 2771, 2817, 2939, 2984–2985, 3148, 3347, 3617–3618, 3634, 3833, 3886, 3966, 4570, 4600, 4695, 4820, 4830, 4894, 5218, 5247, 5279, 5311, 5336, 5338, 5345–5346, 5378, 5387, 5502, 5640, 6016, 6171, 6589, 6651, 6653, 6655, 6892, 6939, 6946, 7234, 7267, 7273, 7455, 8037–8038, 8044, 8068, 8277, 8291, 8779, 8852, 9033, 9137, 9226, 9308, 9362, 9468, 9500, 9530, 9608, 9667, 9773, 10345
INSULIN ANTIBODIES: 2091
INSULINASE: 6866, 9367
INSURANCE, ACCIDENT: 605
INSURANCE, PHARMACEUTICAL SERVICES: 2840
INTELLIGENCE: 8783–8784, 8784
INTENSIVE CARE UNITS: 84, 3370, 3516, 3643, 5075, 5847, 7181–7182, 7189, 7704, 8493, 8556
INTERCELLULAR JUNCTIONS: 584, 1897, 2086, 5213, 5479, 6116, 6687, 8431
INTERFERON: 1887, 2872, 5122, 7699, 8854
INTERMITTENT CLAUDICATION: 1714, 2158–2159, 2229, 2976, 3099, 3813, 4643, 7343, 8337
INTERMITTENT POSITIVE PRESSURE BREATHING (IPPB): 8132
INTERNAL MAMMARY-CORONARY ARTERY ANASTOMOSIS: 9178
INTERNATIONAL AGENCIES: 4148, 9602
INTERNATIONAL COOPERATION: 4460, 5243, 5283, 7295
INTERPERSONAL RELATIONS: 8269
INTERTRIGO: 4621
INTERVERTEBRAL DISK: 1741, 2978, 5676, 8231
INTERVERTEBRAL DISK DISPLACEMENT: 1060–1061, 1741, 2273, 2723, 3964, 5470, 5676, 5739, 5971, 7844, 8231
INTERVIEW, PSYCHOLOGICAL: 568
INTESTINAL ABSORPTION: 523, 1123, 1818, 1941, 1999, 2816, 3974, 4425, 4736, 4837, 4926, 5570, 6330, 6840, 6849, 7175, 7733, 8071, 8494, 8823, 8909, 9290, 9686–9687, 10216, 10379
INTESTINAL DISEASES: 174, 236, 1112, 3209, 4030, 5594, 6219, 6849, 7863, 8681
INTESTINAL FISTULA: 2281, 6091, 6631, 7623, 8149, 9889
INTESTINAL MUCOSA: 259, 373, 508, 535, 537, 762, 1068, 1180, 1803, 1941, 2147, 2328, 2439, 2463, 3209, 3551–3552, 3805, 4030, 4884, 4987, 5053, 5221, 5271, 5486, 5800, 6324, 7004, 7198, 7325, 7490, 7645, 7812, 7860, 8089, 8149–8150, 8447, 8494–8495, 8559, 8916, 10071, 10370
INTESTINAL NEOPLASMS: 163, 1063, 1695, 5307, 6091
INTESTINAL OBSTRUCTION: 488, 953, 1280, 2281, 3037, 4042, 4120, 4195, 4329, 6413, 7623, 7751, 8205, 8216, 8763, 9274, 9288, 10091, 10249, 10370
INTESTINAL PERFORATION: 453, 9274
INTESTINAL POLYPS: 174, 6091, 6291, 10091
INTESTINAL SECRETIONS: 298, 2688, 3190, 3593, 3908, 9328, 9707, 10147
INTESTINE, LARGE: 895, 3036, 3599, 4704, 7623
INTESTINE, SMALL: 163, 236, 259, 535, 705, 1033, 1350, 2439, 2603, 2614, 2816, 3036, 3209, 3551–3552, 3599, 3805, 3815, 3932, 3977, 4030, 4564, 4840, 4987, 5271–5272, 5811, 5813, 6330, 6415, 6475, 7198, 7430, 7490, 8071, 8089, 8150, 8384, 8909, 9520, 9687, 9889, 10147, 10370, 10379
INTESTINES: 4, 77, 1112, 1941, 2087, 2955, 2987, 3036, 3364, 3710, 4238, 4381, 4407, 4456, 4736, 4848, 4939, 5812, 6219, 7355, 8148, 8216, 8541, 8844, 9049, 9550, 10047, 10119
INTRA-AORTIC BALLOON PUMPING: 151, 1932, 6736
INTRACELLULAR FLUID: 1276, 5262, 7655
INTRACRANIAL PRESSURE: 630, 3370, 3709, 3952, 4092, 4900, 5408
INTRADERMAL TESTS: 2230, 7979, 10255
INTRAOCULAR PRESSURE: 1283, 3731, 5310, 6559, 6632, 8421
INTRAUTERINE DEVICES: 178, 238, 1485, 5214, 5447
INTRINSIC FACTOR: 1803, 4020, 9290, 9687
INTUBATION: 3908, 7088, 8731
INTUBATION, GASTROINTESTINAL: 1886
INTUBATION, INTRATRACHEAL: 901, 980, 2524, 2905–2906, 4473, 8376
INTUSSUSCEPTION: 1063
INULIN: 984, 2176, 10214
INVERTEBRATES: 1318
IODIDE PEROXIDASE: 5163, 9473
IODIDES: 2681, 4584, 4914, 6257, 8433, 10000
IODINE: 1235, 3323, 4494, 4908, 5162, 6056, 6875, 6990, 8302, 8780, 9474, 10005
IODINE ISOTOPES, DIAGNOSTIC: 1724, 3436, 6622, 7537
IODINE RADIOISOTOPES: 454, 518, 701, 749, 805, 1039, 1088, 1092, 1197, 1214, 1416, 1421, 1423, 1560, 1585, 1831, 2063, 2173, 2405, 2418, 2454–2455, 2691, 2741–2742, 2870, 2878, 2936, 3548, 3590, 3664–3665, 3672, 3881, 3890, 4026, 4046, 4080, 4082, 4093, 4278, 4287, 4319, 4458, 4463, 4577, 4815, 4829, 5011, 5042, 5045–5046, 5186, 5297, 5514, 5585, 5768, 6346, 6365, 6374–6375, 6719, 7170, 7179, 7585, 7636, 7879–7880, 7928, 8014, 8261, 8281, 8330, 8351, 8403, 8409, 8718, 8750, 8773, 8780, 8811, 8829, 8856, 9103, 9240, 9295, 9508, 9691–9692, 9933, 10066, 10214–10215
IODIPAMIDE: 591, 8206
IODIZED OILS: 4908, 8157, 10041
IODOACETAMIDE: 1532, 5281, 6257, 7914, 9031, 10154
IODOACETATES: 1549, 1956–1957, 2224, 4646, 4833, 5599, 6257, 7971, 9031, 9743
IODOBENZENES: 345, 5118
IODOCHLORHYDROXYQUIN: 4662
IODOPROTEINS: 2548, 2613, 2677, 3547, 4649, 5522, 7167, 9113, 9696
IOGLYCAMIC ACID: 591
ION EXCHANGE: 5633, 7478
ION EXCHANGE RESINS: 3796, 8053, 9196
IONOPHORES: 1595, 2567, 2583, 3136, 6217
IONS: 3703, 6852, 9716
IONTOPHORESIS: 10249
IOPANOIC ACID: 4090
IOPHENDYLATE: 345, 5118
IOTHALAMIC ACID: 8206, 8829
IPECAC: 4914
IPRONIAZID: 5263, 7902
IPROVERATRIL: 3238, 3684, 8450
IRIDIUM: 3890
IRIDOCYCLITIS: 367, 4234, 8455
IRIS: 367, 4234, 4967, 7120, 7301, 10052
IRON: 97, 118, 167, 1055, 1146, 1171, 1641, 1821, 1839, 2504, 2515, 3772, 3909, 5372, 5548, 6014, 6100, 6445, 6451, 6701, 6934, 7733, 8294, 8646, 8921, 9109, 9384, 9863, 10237
IRON RADIOISOTOPES: 2526
IRRIGATION: 1313, 1685, 2252, 4118, 4295, 5147, 6098, 6573, 6684, 8156, 9065, 9553, 9802, 9836
ISCHEMIA: 151, 204, 487, 499–500, 846, 935, 987, 1112, 1127, 1359, 1730, 1997, 2081, 2087, 2157, 2604, 2635, 2664, 2687, 2947, 3766, 3982, 3996–3997, 4057, 4194, 4234, 4384, 4568, 4634, 4834, 5257, 5803, 6682, 6698, 6776, 6794, 7143, 7174, 7334, 7751, 7776, 8054, 8188, 8337, 8372, 8530, 8743, 9088, 9090, 9274, 9364, 9434, 9550, 9557, 9630–9631, 9745, 9777, 10175, 10289
ISCHIUM: 1467
ISLANDS OF LANGERHANS: 292, 346–348, 406, 2848, 4380, 4600, 5336, 6892, 7197, 7218, 7231, 7491, 9137
ISLET CELL TUMOR: 5862
ISOAMYLASE: 8572
ISOANTIBODIES: 1696, 1843, 1955, 2300, 2542, 3355, 3694, 3751–3752, 3761, 4361, 5488, 5527, 5543, 5587, 6132, 6697, 7620, 7911, 8434, 8684, 8711, 8762, 9199, 9252, 9508, 9878
ISOANTIGENS: 678–679, 1146, 2427, 2485, 2836, 3140, 5587, 7721, 7801, 7911, 9689
ISOCITRATE DEHYDROGENASE: 3207, 5401
ISOELECTRIC FOCUSING: 150, 189, 386, 580, 1443, 1450–1451, 1573, 1663, 1682, 2147, 2892, 3267, 3801, 4047, 4294, 4357, 4556, 5226, 6190, 6246, 6373, 6386, 6426, 6616, 6834, 7265, 7557, 7600, 7808, 8641, 8802, 8945, 9250, 9671,

9715, 9788
ISOELECTRIC POINT: 813, 1293, 1682, 6321, 6386, 7728, 8321, 9352
ISOENZYMES: 492, 604, 927, 1451, 1767, 2622, 3276, 4107, 4201, 4414, 4432, 4501, 4512, 5079, 5177, 5226, 5626, 5890, 6101, 6360, 6531, 6547, 6674, 6752, 6789, 6916, 6925, 7670, 8235, 8268, 8635, 9110, 9116, 9142, 9256, 9352, 9383, 9501, 9503, 9537, 9568, 9823, 9883, 10119
ISOFLAVONES: 7090
ISOFLUROPHATE: 99, 354, 696–698, 1451, 2792, 3276, 3688, 3711, 3792, 3923, 4431, 4548, 4775, 6057, 6335, 6338, 6461, 6999, 7104, 7524, 7612, 7670, 7686, 7761, 7975, 8643, 8983, 9156, 9554, 10012, 10165
ISOLEUCINE: 3108, 4757
ISOMERASES: 4168, 9759
ISOMERISM: 339–340, 1008, 2307, 4168, 6386, 6888, 7902, 9879, 10055
ISONIAZID: 791, 1999, 2362, 6086, 7733, 9909, 10261
ISONICOTINIC ACIDS: 4287
2-ISOPROPYLMALATE SYNTHASE: 4757
ISOPROTERENOL: 115, 1915, 3148, 4150, 4284, 4397, 4799, 5101, 5309, 6279, 6395, 6854, 6897, 7792, 8317, 8360, 9999, 10155, 10182
ISOQUINOLINES: 4915, 8001, 9271
ISOSORBIDE DINITRATE: 8450
ISOTONIC SOLUTIONS: 526, 1066, 1078, 1572, 4637, 4678
ISOTOPE LABELING: 452, 957, 1039, 1197–1198, 1705, 1724, 2062, 2285, 2330, 2418, 2870, 3664, 3859, 3890, 4463, 4646, 5011, 5266, 5297, 5514, 6124, 7126, 7170, 7237, 7628, 7771, 7891, 8281, 8330, 8592, 8780, 8811, 8829, 9158, 9882, 10214
ISOXAZOLES: 1753
ISOXSUPRINE: 2078, 8114

J

JACKSONIAN SEIZURE: 8084
JAUNDICE: 488, 839–840, 1087, 2044, 2165, 2422, 4618, 5224, 5532, 5555, 6096, 6331, 7706, 7770, 8122, 8776, 9363, 10129
JAUNDICE, CHRONIC IDIOPATHIC: 6829
JAUNDICE, NEONATAL: 161, 5804, 8052, 8064
JAUNDICE, OBSTRUCTIVE: 1912, 3362–3363, 5441, 5476, 7060, 7346, 7967, 8600, 9045–9047, 9254, 9617, 9800
JAW DISEASES: 3555
JAW NEOPLASMS: 4922
JEJUNUM: 373, 1033, 1099, 2599, 3209, 3805, 4094, 5699, 5999, 6242, 6292, 6413, 6818, 8149, 8215, 8494–8495, 9006, 10071
JOB'S SYNDROME: 4044
JOINT DISEASES: 36, 57, 311, 685, 746, 1371, 1908, 2057, 3112, 3183, 3857, 3915, 4086, 4237, 5239, 5689, 5911, 6825, 7010, 8783, 8806, 9019, 9105, 9778, 10264
JOINT PROSTHESIS: 119, 312, 530, 625, 746, 749, 1101, 1410, 1819, 2061, 2475, 2584, 2778, 2998–2999, 3360, 3645, 3647, 3953, 4048, 4050, 4055, 4060, 4322, 4577, 5449, 5720, 5854, 5911, 6038, 7032, 7034, 7844, 7898, 7907, 7934, 8190, 8698, 8734, 9977
JOINTS: 2778, 5398, 8748, 8869
JUGULAR VEIN: 118, 231, 240, 274, 638, 1083, 1427, 1586, 1783, 2809, 5277, 5360, 6553, 6867, 7126, 7421, 8432, 8461, 8662, 8815, 8843, 9158, 10028
JURISPRUDENCE: 638, 7338, 10387
JUXTAGLOMERULAR APPARATUS: 1122

K

KALLIDIN: 168, 7028, 7955
KALLIKREIN: 115, 168, 192, 227, 286, 422, 497, 569, 597, 622, 1006, 1037, 1162–1163, 1256, 1398, 1421–1422, 1430, 1502–1504, 1642, 1706, 1721, 1847, 1947, 1974, 2151–2152, 2210, 2347, 2368, 2387, 2420, 2486, 2557, 2627–2628, 2764, 2880, 3021, 3023, 3221, 3236, 3496, 3500, 3532, 3535, 3580, 3591, 3691, 3760, 3897, 3922–3924, 4153, 4239, 4366, 4431, 4497, 4503, 4550, 4558, 4688, 4868–4869, 4882, 5059, 5280–5281, 5396, 5404, 5411, 5440, 5551, 5630, 5695, 5800, 5837–5838, 5886, 5944, 5982, 5998, 6064, 6181–6183, 6225, 6233, 6246–6247, 6276, 6278–6282, 6329–6330, 6373, 6386, 6505, 6566–6567, 6626–6627, 6802, 6834, 6895, 6897, 7025–7028, 7083, 7330, 7394, 7498, 7585–7586, 7686–7687, 7729, 7749, 7754, 7761, 7874, 7904, 7954, 7956–7957, 8035, 8086, 8296, 8445, 8702, 8904, 8913, 8950, 9070, 9150–9151, 9487, 9562, 9567–9573, 9668, 9705, 9709, 9794–9796, 10025, 10071, 10077, 10134, 10212, 10275, 10350
KALLIKREIN-TRYPSIN INACTIVATOR: 188, 235, 409, 461, 488, 497, 572, 581, 644, 697–698, 723, 764, 772, 1010, 1041, 1045, 1068, 1163, 1167, 1354, 1429, 1431, 1439, 1529, 1546, 1706, 1810, 1877, 1926, 1954, 2038, 2084, 2152, 2158–2159, 2163, 2249, 2255, 2294, 2332, 2396, 2750, 2942, 2975, 3227, 3307–3308, 3382, 3412, 3531, 3551–3552, 3634, 3658, 3748, 3822, 3922–3923, 3999, 4031, 4157, 4178–4179, 4353, 4384, 4436, 4501, 4541, 4600, 4677, 4688, 5226, 5242, 5311, 5348, 5411, 5663, 5735, 5998, 6084, 6160, 6294, 6329, 6431, 6567, 6576, 6795, 6808, 6835, 7083, 7177, 7285, 7324, 7587, 7604, 7640, 7664, 7686, 7791, 7867, 7874, 8076, 8104, 8151–8152, 8188, 8272, 8401, 8645, 8679, 8904, 8911, 8950–8951, 9003, 9073–9074, 9137–9138, 9206, 9222, 9302, 9341–9342, 9393, 9518, 9562, 9723, 9906, 10117, 10206, 10238, 10283
KANAMYCIN: 4070, 6684, 8317
KANGAROOS: 9501
KAOLIN: 553, 822, 1163, 1398, 1460, 1502, 1504, 1656, 3398, 4214, 4793, 8452, 9572, 9614
KARYOTYPING: 300, 703, 1011, 1690, 3122, 3662, 4480, 4711–4712, 5636, 6752, 9623, 9910, 10010
KASUGAMYCIN: 9413
KELOID: 3009, 7495, 7503
KERATAN SULFATE: 4761, 8042, 9099
KERATIN: 4145, 4545, 5581, 9058, 9744
KERATITIS: 1822, 6274
KERATOACANTHOMA: 4621
KERATOSIS: 4621, 5595, 5650, 6151
KETAMINE: 2996–2997, 7523
KETOACID-LYASES: 10156
KETOGLUTARATE DEHYDROGENASE COMPLEX: 907, 2617
KETOGLUTARIC ACIDS: 422
KETONE BODIES: 40, 2027, 8037–8038
KETONE OXIDOREDUCTASES: 907
KETONES: 1322, 2628, 7954, 8900, 8903, 9766
KETOPROFEN: 6357
KETOSES: 2111
KETOSIS, DIABETIC: 2282
KHELLIN: 1444
KIDNEY: 51, 96, 103, 120, 204, 257, 297, 354, 379, 407, 499–500, 525, 617, 711, 846, 871, 899, 958, 971, 977, 1000, 1109, 1123, 1144, 1463, 1492, 1526, 1577, 1691, 1706, 1760, 1834, 1847, 1874, 1909, 1975, 2067, 2111–2112, 2292, 2322, 2380, 2402, 2405, 2472, 2481, 2509, 2544, 2548, 2614, 2657, 2687, 2718, 2800, 2810, 2857, 2894, 2930, 2941, 3107, 3123, 3157, 3213, 3312, 3402, 3496, 3503, 3567, 3660, 3699, 3766–3768, 3837, 3900, 3907, 3918, 3927, 4074, 4096, 4162, 4179, 4341, 4436, 4499, 4540, 4568, 4592–4594, 4645, 4714, 4718, 4730, 4776, 4832, 4847, 4855, 4859, 4963, 4981, 5008, 5078, 5094, 5106, 5144, 5227, 5253, 5267, 5281, 5291, 5294–5295, 5311, 5380, 5404, 5463, 5559, 5565, 5673, 5682, 5695, 5714, 5815, 5905, 5965, 5985, 6041, 6059, 6103–6104, 6115, 6144, 6182, 6221, 6268–6269, 6433, 6475, 6492, 6500, 6529, 6567, 6622, 6624, 6690, 6711, 6762, 6839, 6869, 6895, 6904, 6931, 6955, 7067, 7111, 7132, 7143, 7194, 7207, 7233, 7390, 7400, 7428, 7469, 7505, 7639–7640, 7686–7687, 7749, 7793, 7803, 7843, 7905, 7952–7953, 7991, 8130, 8154, 8188, 8340, 8445, 8485, 8549, 8558, 8562, 8618, 8620, 8622, 8644, 8653–8657, 8689–8690, 8702, 8724, 8750, 8798, 8835, 8992, 9062, 9068–9069, 9104, 9123, 9128, 9150–9152, 9302, 9331, 9362, 9420, 9429, 9475, 9490, 9530, 9561, 9589, 9667, 9688, 9722, 9763, 9808, 9826, 9936, 9954, 10165, 10181, 10217, 10252, 10290
KIDNEY, ARTIFICIAL: 515, 607, 887, 1342, 3858, 4645, 9797, 10001
KIDNEY CALCULI: 2402, 5559, 8233, 8652, 9187, 9791, 10290, 10342
KIDNEY CALICES: 8975
KIDNEY CONCENTRATING ABILITY: 5721, 6566, 9062
KIDNEY CORTEX: 374, 1001, 1461, 3232, 5226, 5886, 6329, 6868, 8651, 9520, 9794–9795, 9940
KIDNEY CORTEX NECROSIS: 1851, 9826
KIDNEY, CYSTIC: 971, 1574, 1896, 2328, 4613, 7469
KIDNEY DISEASES: 53, 180, 336, 414, 416–417, 488, 971, 1400, 1541, 1574, 1628, 1832, 1865, 1896, 2168, 2330, 2395, 2400, 2432, 2718, 2876, 2966, 3076, 3089, 3096, 3344, 3540, 3668, 3837, 3890, 3899–3900, 4081, 4517, 4656, 4892, 4997, 5317, 5463, 5673, 5691, 5815, 5832, 5856, 6220, 6487, 6494, 6591, 6680, 7194, 7375, 7425, 7439, 7469, 7472, 7576, 7605, 7784, 7991, 8031, 8049, 8317, 8485, 8618, 8656, 8690, 8798, 8975, 9016–9017, 9062, 9106, 9124, 9233, 9266, 9311, 9486, 9950, 10274, 10342–10343
KIDNEY FAILURE, ACUTE: 218, 297, 683, 849, 1392, 1675, 1854, 2012, 2114, 2132, 2281, 2400, 2661, 2826, 3031, 3076, 3129, 3214, 3514, 4213, 4398, 4490, 4645, 4903, 4918, 5202, 5294, 5309, 5815, 5830, 5934, 5944, 6220, 6394, 7387, 7453, 7578, 7799, 7846, 8398, 8549, 8602, 8876, 9344, 9511, 9663, 9666, 9800, 10171–10172, 10260, 10392
KIDNEY FAILURE, CHRONIC: 254, 453, 836, 1342, 1538, 1589, 1653, 2281, 2422, 2941, 3335, 3391, 4101, 4411, 4581, 4592–4593, 4792, 5022, 5037, 5259, 5527, 5815, 5958, 6070, 6220, 6584, 7424, 7561, 7799, 7836, 7901, 7959, 8492, 9104,

9251, 9280, 9663, 9690, 10037, 10217
KIDNEY FUNCTION TESTS: 134, 984, 1834, 2718, 4504, 5985, 7313, 8211, 8590, 10385
KIDNEY GLOMERULUS: 514, 1122, 1461, 1463, 1810, 2792, 2800, 3214, 3250, 3544, 3884, 4387, 4490, 4504, 4717, 4831, 5158, 5291, 6102, 6487, 6680, 6879, 7313, 7460, 7736, 7803, 8168, 8197, 8294, 8340, 8374, 8523, 8689, 8890, 9208, 9558, 9796, 9824, 9826, 10332
KIDNEY MEDULLA: 1974, 2325, 4404, 8651, 8655, 9151
KIDNEY NEOPLASMS: 103, 539, 550, 781, 871, 953, 958, 962, 1323, 1556, 1574, 1676, 1948, 2017, 2130, 2286, 2402, 2509, 2655, 3344, 3642, 4087, 4341, 4613–4614, 4660, 5157, 5304, 5559, 5655, 5673, 5922, 6041, 6157, 6301, 7166, 7426, 7428, 7469, 7505, 7785, 7884, 7952, 8207, 9066, 9123–9124, 9257, 9291, 9343, 9429, 9616, 9728, 9740, 9794, 10171
KIDNEY PAPILLARY NECROSIS: 4128, 4568, 6500
KIDNEY PELVIS: 2400, 8975, 9123, 9187
KIDNEY, POLYCYSTIC: 550, 971, 4730, 4847, 9123, 10171
KIDNEY TUBULAR NECROSIS, ACUTE: 977, 2292, 2687, 4568, 4632, 4718, 5291
KIDNEY TUBULES: 374, 3021, 4096, 7460, 8655
KIDNEY TUBULES, PROXIMAL: 3043, 4640, 9520, 9794, 9796
KIESELGUHR: 391, 4735
KINETICS: 7, 19, 32, 34, 41, 43, 49, 79, 97, 99, 180–181, 184, 202, 210, 266, 269, 281, 294, 302, 326, 346–347, 354, 356, 363–364, 366, 374, 388, 410, 416–417, 423, 432, 437, 446–447, 450, 485, 500, 508, 536, 546, 599, 623, 667, 711, 727–728, 778, 812, 814, 822, 862, 867, 872, 881, 903, 922, 928, 937, 941, 949, 957, 1041–1042, 1095, 1120, 1123, 1148, 1180, 1187–1188, 1250, 1322, 1346, 1382, 1416, 1424, 1450, 1455, 1472, 1475, 1494–1495, 1510, 1521–1523, 1544, 1550, 1563, 1571, 1578, 1595, 1612–1614, 1620, 1625, 1647, 1681, 1684, 1705, 1721–1722, 1737, 1770, 1797, 1803, 1824–1826, 1841, 1869–1870, 1889, 1919, 1929, 1957, 1975, 2019, 2025, 2038, 2053, 2060, 2072, 2143, 2146, 2149, 2218, 2239, 2245, 2340, 2359, 2386, 2388, 2393–2394, 2401, 2428, 2447, 2473, 2500, 2515, 2548, 2560, 2581, 2631–2632, 2643, 2649, 2651, 2677, 2694, 2739, 2843, 2854–2855, 2877, 2879, 2891, 2903, 2909, 2939, 2952, 2967–2968, 2975, 2985, 3016, 3024, 3026, 3043, 3053, 3071, 3092, 3148, 3162, 3171, 3205–3207, 3224, 3273, 3340, 3365, 3394, 3398, 3403, 3407, 3420, 3430, 3439–3440, 3444, 3493–3494, 3515, 3519, 3545, 3589, 3597, 3611, 3616, 3640, 3670, 3685, 3687, 3708, 3711, 3777, 3792–3793, 3795, 3815–3816, 3824, 3835, 3838, 3844, 3877, 3909, 3916, 3919, 3923, 3926, 3944, 3947, 3959, 3967, 3986, 4005, 4009, 4019, 4028, 4056, 4067, 4073, 4096, 4112, 4115, 4122, 4125, 4137, 4144, 4160, 4175–4176, 4212, 4240–4241, 4248, 4262, 4277, 4288, 4311, 4349, 4358–4359, 4363, 4365, 4370, 4382, 4393–4394, 4404, 4423–4424, 4432, 4435, 4476, 4485, 4511, 4530, 4539, 4600, 4605, 4609, 4623, 4629, 4635, 4646, 4653, 4659, 4695, 4721, 4732, 4757, 4759, 4762, 4771, 4787, 4811, 4833, 4837, 4845, 4859, 4884–4885, 4889, 4894, 4905, 4940, 4955, 4972, 4978, 5117, 5144, 5148, 5162, 5170, 5178, 5247, 5256, 5263, 5266–5268, 5297, 5319, 5334, 5355, 5368, 5370, 5381, 5406, 5461, 5499, 5522, 5526, 5554, 5600–5601, 5603, 5617, 5634–5635, 5700, 5724, 5732–5733, 5753, 5758, 5793, 5805, 5810, 5837, 5870, 5887, 5891–5892, 5898, 5900–5901, 5903, 5921, 5933, 5970, 5976, 5998, 6000–6001, 6028, 6042, 6081, 6101, 6150, 6163, 6175, 6200, 6207, 6230, 6237, 6255, 6258, 6265, 6306, 6320, 6327, 6334, 6361, 6382, 6396, 6402, 6404, 6407, 6427, 6446, 6454, 6513, 6521–6522, 6531, 6555, 6557, 6569–6570, 6606, 6624, 6636–6637, 6664, 6670, 6673, 6686, 6693, 6729, 6758, 6777, 6780, 6782, 6789, 6791, 6808, 6810, 6814, 6843, 6846, 6877, 6912, 6916, 6930–6931, 6946, 7009, 7046–7047, 7050–7051, 7065, 7118, 7128, 7159, 7169, 7180, 7188, 7198, 7221–7222, 7267, 7269, 7283, 7304, 7358, 7370, 7378, 7380, 7401, 7430–7431, 7452, 7455, 7458, 7465, 7488, 7490, 7517, 7531, 7546, 7551, 7569, 7586, 7597, 7607, 7614, 7619, 7628–7629, 7644–7646, 7655–7657, 7703, 7722–7723, 7760–7761, 7771, 7779, 7790, 7821, 7830, 7832, 7842, 7862, 7908, 7918, 7945, 7954–7957, 8004, 8032, 8042, 8102, 8142, 8195, 8230, 8249, 8277, 8333, 8360, 8379, 8383, 8389–8390, 8394–8395, 8402, 8417, 8427–8428, 8435–8436, 8442–8443, 8447, 8454, 8458, 8490, 8517, 8524, 8539–8541, 8578, 8580, 8589, 8609, 8612, 8635, 8658, 8661, 8701, 8720, 8725, 8761, 8765, 8807–8808, 8813, 8826, 8831, 8842, 8865, 8881, 8920–8921, 8926, 8943, 8959, 8968–8969, 9029, 9040, 9072, 9074, 9085, 9114, 9116, 9140, 9142, 9156, 9186, 9222, 9227, 9256, 9283, 9300, 9306, 9308, 9315, 9351, 9354, 9372, 9383, 9393, 9395, 9408, 9460, 9463, 9485–9486, 9505, 9522, 9560, 9562, 9564, 9583, 9634, 9646, 9750, 9756, 9759, 9781–9782, 9814, 9828, 9873, 9935, 9948, 9953, 9958–9959, 9965–9966, 9969, 9971, 9987–9988, 9999, 10031, 10033, 10035, 10037, 10039, 10055, 10057, 10063, 10067, 10077, 10094, 10096–10097, 10108, 10118, 10123–10124, 10126, 10132, 10153–10154, 10156, 10181, 10224, 10226, 10244, 10261, 10265–10266, 10272
KININASE I: 168, 4688, 7025, 7027, 8702, 8950–8951, 9568, 9573, 9794
KININASE II: 168, 2326, 2486, 3122, 4688, 6669–6670, 6904, 7067, 8702, 8950–8951, 9568, 9794–9796
KININOGENS: 168, 227, 597, 708, 1162, 1502, 1504, 1706, 1947, 2210, 2368, 2557, 2772, 2880, 3022–3023, 3221, 3398, 3500, 3532, 4503, 4558, 4868–4869, 5418, 5427, 5510, 5838, 5982, 6064, 6385–6386, 6802, 6844, 7025, 7027–7028, 7083, 7586, 7791, 7900–7901, 7903–7904, 8082–8083, 8951, 9572, 9668, 10134
KININS: 168, 192, 222, 227, 422, 629, 708, 1162–1163, 1421, 1435, 1502, 1706, 1974, 2151–2152, 2176, 2368, 2546, 2557, 3023, 3120, 3227, 3398, 3532, 4153, 4503, 4688, 4719, 4882, 4886, 5427, 5548, 5785, 5800, 5901, 6278–6280, 6385, 6505, 6567, 6598, 6794, 6802, 7025–7028, 7358, 7423, 7498, 7729, 7864, 7955, 8178, 8445, 8544, 8702, 8765, 8950–8951, 9053, 9150–9151, 9573, 9718, 9794, 9796, 10161
KLEBSIELLA: 9047
KLEBSIELLA INFECTIONS: 64, 9265
KLEBSIELLA PNEUMONIAE: 4561, 5947, 8931, 9022
KLIPPEL–TRENAUNAY DISEASE: 329, 4769, 6775, 9506, 9678, 10175
KNEE: 413, 1330, 3646, 9428
KNEE INJURIES: 36, 1330, 9428, 10296
KNEE JOINT: 312, 685, 746, 879, 1908, 2475, 2778, 3070, 3086, 3856–3857, 4498, 4567, 4577, 5001, 5394, 5474, 5602, 5720, 5911–5912, 7914, 8928, 9105, 10305
KORSAKOFF'S SYNDROME: 2028
KREBS CYCLE: 3816, 7193, 8538
KRYPTON: 3890
KUPFFER CELLS: 1791, 2444, 7004
KWASHIORKOR: 1239
KYNURENINE: 10118
KYPHOSIS: 5703

L

L CELLS: 1351, 4140, 5122, 6602
L FORMS: 516, 2006, 9122, 9945
LABOR: 1735, 4109, 4257, 8732, 9100
LABOR COMPLICATIONS: 1114–1115, 3960, 4071, 4789, 5078, 5555, 5654, 6153–6154, 7056, 7337, 7575, 8736, 9100, 9574, 10200
LABOR, INDUCED: 4043
LABOR, PREMATURE: 183, 3490
LABORATORIES: 2398, 5847
LABYRINTH: 756, 1150, 6500, 8581
LABYRINTH DISEASES: 2656, 5097, 8196, 9185
LABYRINTHINE FLUIDS: 2656
LACRIMAL APPARATUS: 919, 6307, 7695, 9495
LACRIMAL APPARATUS DISEASES: 3843
LACTALBUMIN: 1816, 8389, 9960
LACTATE DEHYDROGENASE: 13, 346–347, 444, 641, 724, 945, 1372, 1576, 1641, 1901, 2025, 2067, 2477, 2776, 2868, 2942, 3148, 3228, 3253, 4111, 4374, 4384, 4508, 4541, 4623–4624, 4683, 4699, 4771, 4782, 5106, 5389, 5401, 6361, 6449, 6582–6583, 7364, 7472, 7769, 7996, 8102, 8565, 9311, 9361, 9615, 9635, 9949, 10005, 10280
LACTATE DEHYDROGENASE ISOENZYMES: 2200, 2776, 4279, 4541, 4683, 5226, 6712, 8107, 9912
LACTATES: 422, 428, 814, 1456, 1885, 2151–2152, 2552, 3107, 3228, 3947, 4150, 4532, 5066, 5200, 5808, 6015, 6278, 6492, 6796, 7350, 7696, 7725, 8107, 8122, 8710, 8955, 9260, 9478, 10007, 10049
LACTATION: 1581, 1816, 2797, 3526, 4960, 5779, 8248, 8250
LACTOBACILLUS: 4556, 4583, 7815
LACTOFERRIN: 1170, 2057, 4239, 4378, 8710
LACTOGLOBULINS: 1170, 4378, 10012
LACTONES: 2319
LACTOPEROXIDASE: 3547–3548, 3864, 4319, 5163, 7167, 9696
LACTOSE: 2352, 3025, 4494, 7593
LACTULOSE: 291, 4070
LAMINECTOMY: 1061, 3160, 3964
LAMPREYS: 1805, 2219, 10307
LANGERHANS CELLS: 7801, 8820
LANTHANUM: 1915, 3381, 4544, 6496, 6655, 7645
LAPAROSCOPY: 571, 3443, 4516, 4675, 5443
LAPAROTOMY: 571, 7299, 8177, 8216, 8776, 9145
LARVA: 423, 1105, 1386, 1956, 2955, 3098, 3376, 4252, 4548, 6457, 8400, 8541, 8719–8720
LARYNGEAL CARTILAGES: 8748
LARYNGEAL DISEASES: 1297, 4450, 5650, 7437
LARYNGEAL NEOPLASMS: 724, 2094, 2524, 3228, 3367, 5332, 5650, 6657, 6870–6871, 7351, 7437, 8999, 9221, 9885
LARYNGISMUS: 9657
LARYNGITIS: 2576
LARYNGOSCOPY: 5300, 5650
LARYNGOSTENOSIS: 2524, 5332

LARYNX: 2524, 3228
LASER COAGULATION: 404, 687, 946, 2758, 3343, 3461, 4969–4970, 5650, 7052
LASERS: 533, 751, 897, 3217–3219, 3299, 3343, 4365, 4856, 7301, 8876
LATERALITY: 2833
LATEX FIXATION TESTS: 1709, 4838, 5632, 5878, 5978, 9628
LATEX PARTICLES: 690, 787, 2566, 4519
LATEX RUBBER: 1555, 6141
LATHYRISM: 372, 1563, 6053
LAURATES: 1495
LAURIC ACIDS: 4914, 7448
LE CELLS: 7514, 8211
LEAD: 1037, 4705, 9418
LEAD POISONING: 1037
LECITHIN ACYLTRANSFERASE: 4926, 6224, 6709, 7382, 7654, 8006
LECITHINASE: 3582, 7827, 7915
LEECHES: 429, 2828
LEG: 112, 126, 151, 273, 282, 313, 528, 531, 570, 625, 631, 656, 746, 793, 850, 880, 895, 955, 1092, 1200, 1269, 1289, 1303, 1423, 1606, 1702–1703, 1748, 1773, 1804, 1807, 1819, 1902, 1914, 2001, 2065, 2139, 2158–2159, 2199, 2324, 2345, 2358, 2364, 2455, 2592, 2598, 2722, 2741, 2780, 2813, 2820, 2833, 2933–2934, 2936, 3057, 3094, 3097, 3099, 3226, 3317, 3436, 3459, 3468, 3487, 3538, 3647, 3720, 3749, 3754–3755, 3757, 3813, 3830, 3881, 3904–3905, 3990, 4046, 4053, 4093, 4274, 4368, 4377, 4461, 4463, 4496, 4498, 4569, 4627–4628, 4634, 4727, 4778, 4783, 4810, 4816, 4890, 4961, 4992, 5077, 5081, 5150, 5289, 5366–5367, 5409, 5481, 5487, 5539, 5584–5585, 5803, 5820, 6025, 6027, 6127, 6309, 6343–6344, 6353, 6358, 6365–6366, 6374–6375, 6418–6419, 6423–6424, 6546, 6564, 6586, 6619–6620, 6623, 6656, 6675, 6737, 6741, 6768, 6775, 6867, 6884, 6994, 7079, 7121, 7144, 7208, 7215, 7247, 7280, 7349, 7389, 7406, 7443, 7493, 7567, 7579–7580, 7588, 7598, 7631, 7637, 7751, 7838, 7872, 7879, 7889, 7917, 7974, 8011, 8014, 8062, 8134, 8328, 8330, 8337, 8347, 8355, 8406, 8409, 8464, 8743, 8773, 8799, 8857, 8928, 9162, 9172, 9205, 9219, 9364, 9376–9377, 9434, 9464, 9519, 9579, 9598, 9624, 9655, 9724, 9805, 9833, 9842, 9913, 9934, 10088, 10175, 10236–10237, 10362
LEG DERMATOSES: 260, 3459, 9697, 10175
LEG INJURIES: 831, 1313, 1853, 2266, 4870, 6263, 6613, 7089, 7493, 8439
LEG LENGTH INEQUALITY: 3086, 3360
LEG ULCER: 341, 2042, 2794, 3754, 4634, 5992, 6085, 6129, 6418, 6586, 6675, 6776, 8337
LEGISLATION, MEDICAL: 1025, 2575
LEIOMYOMA: 402, 801, 1080, 3289, 4197, 5655, 5750, 6604, 7539, 7566, 8145, 10172, 10195
LEIOMYOSARCOMA: 402, 1415, 1676, 1695, 3642, 5696, 6470, 8706, 8762, 9616–9617
LEISHMANIA: 1579
LEISHMANIASIS, MUCOCUTANEOUS: 1579
LEISURE ACTIVITIES: 8785–8786
LENGTH OF STAY: 217, 2524, 3581, 4536, 4553, 4604, 5827, 5883, 6293
LENS, CRYSTALLINE: 3393, 5359, 8490, 8991, 9732
LENTIGO: 4621
LEPIDOPTERA: 423, 3098, 4548, 7804, 8481
LEPROSY: 2436, 7525
LEPTOSPIRA INTERROGANS: 3841
LEPTOSPIROSIS: 3841, 7386–7387
LESCH-NYHAN SYNDROME: 565, 9660
LETHAL DOSE 50: 2309, 4362, 4548, 4748, 6650, 8285, 8638–8639, 8882–8883, 9043
LEUCINE: 58, 452, 1250, 1481, 1577, 3654, 3688, 4246, 4545, 4835, 5008, 5218, 5308, 5778, 5874, 6175, 6306, 6355, 7101, 7237, 8921–8922, 9407, 9793, 10137
LEUCINE AMINOPEPTIDASE: 1074, 1157, 1664, 2214, 2304, 6708, 10194
LEUCYL-BETA-NAPHTHYLAMIDASE: 1068
LEUKEMIA: 271, 781, 964, 989, 1146, 1213, 1216, 1279, 1646, 2046, 2289, 2328, 2357, 2642, 2919, 3737, 3901, 4656, 5166, 5243, 5730, 5836, 6527, 6573, 6703, 7199, 7258, 7291, 7591, 8080, 8497, 8649, 8862, 8886, 9184, 9615, 9950–9951, 10282
LEUKEMIA, EXPERIMENTAL: 1753, 3539, 4263, 4551, 6007, 9239–9240, 9240
LEUKEMIA, LYMPHOBLASTIC: 534, 2156, 2507, 2918, 3284, 3377, 4019, 4813, 4824, 4946, 5667, 6540, 6839, 8258, 9951
LEUKEMIA, LYMPHOCYTIC: 162, 1607, 2289, 2303, 3571, 3746, 3901, 4003, 4054, 4123, 4234, 4813, 5109, 5692, 6267, 6425, 6485, 6527, 7291, 8024, 8440, 8649–8650, 9910
LEUKEMIA L1210: 3539, 7220
LEUKEMIA, MONOBLASTIC: 1217
LEUKEMIA, MONOCYTIC: 2289, 6185
LEUKEMIA, MYELOBLASTIC: 64, 709, 3371, 3377, 4599, 4713, 4824, 4946, 5592, 5850, 6839, 7620, 7837, 8613, 9314, 9635
LEUKEMIA, MYELOCYTIC: 300, 506, 2289, 2303, 2356, 2622, 3059, 3355, 3371, 3424, 3901, 4711–4712, 4740, 5223, 5662, 6166, 6527, 7147, 7367, 7620, 8080, 8557, 8594, 8649, 8704, 8887, 9060, 9263, 9458–9459, 9910, 9951, 10044
LEUKEMIA, PLASMACYTIC: 5505
LEUKEMIA VIRUS, AVIAN: 5485
LEUKEMOID REACTION: 1846, 3674, 6445, 6692
LEUKOCIDIN: 2821
LEUKOCYTE COUNT: 3, 75–76, 93, 208, 296, 331, 503, 581, 1260, 1607, 1788, 2039, 2205, 2504, 2798, 2835, 3059, 3175, 3465, 3483, 3509, 3764, 3780, 4019, 4036, 4079, 4138, 4218, 4270, 4671, 4711–4712, 4824, 4841, 4875, 4968, 5416, 5592, 5662, 5688, 6100, 6387, 6612, 7155, 7323, 7528, 8024, 8045, 8052–8053, 8162, 8258, 8279, 8324, 8511, 8594, 8623, 8704, 8835, 8861, 8957, 8973, 9120, 9265, 9626, 9721, 9787, 9866, 9910, 9964, 9994, 10026–10027, 10087, 10237
LEUKOCYTE CULTURE TEST, MIXED: 2427, 2608, 2923, 3074, 3312, 6434, 6468, 7008, 7220, 7639, 8817, 9184
LEUKOCYTES: 54, 93, 196, 263, 294, 331, 335, 350, 385, 484, 506, 592, 669, 686, 698, 848, 911, 934, 1131, 1221, 1279, 1284, 1341, 1457, 1459, 1679–1680, 1813, 1843–1845, 1887, 1920, 1930, 2028, 2172, 2208, 2267, 2356–2357, 2438, 2469, 2504, 2542, 2594–2595, 2622, 2784, 2791, 2797, 2851, 2913, 2995–2996, 2998, 3175, 3279–3280, 3285, 3298, 3304, 3424, 3579, 3632, 3662, 3842, 3861–3862, 3890, 3902, 3912, 3956, 3998, 4036, 4038, 4089, 4266, 4326, 4362, 4452, 4615, 4819, 4824, 4920, 4952, 4993, 5011, 5029, 5109, 5223, 5324, 5378, 5411, 5415, 5440, 5460, 5479, 5495, 5675, 5677, 5819, 5850, 5872, 5967, 5989–5990, 6073–6074, 6100, 6106, 6185, 6196, 6385, 6430, 6435, 6476, 6588, 6602, 6611–6612, 6630, 6735, 6763, 6806–6807, 6810–6811, 6821, 6891, 6996, 7004, 7006, 7111, 7118, 7354, 7366, 7620, 7625, 7699, 7744, 7768, 7786, 7858, 7864, 7897, 7915, 7975, 8053, 8074–8076, 8079–8080, 8141, 8310, 8396, 8649, 8661, 8710–8711, 8725, 8854, 8886, 8976, 8993, 9060, 9126, 9317, 9329, 9362, 9439, 9456, 9866, 9920, 9994, 10007, 10037, 10075, 10128, 10250, 10265
LEUKOCYTOSIS: 3424, 4603, 6445, 6968, 7864, 7869, 9016
LEUKOPENIA: 147, 455, 581, 911, 979, 1055, 1059, 1260, 1263, 1457, 1473, 1813, 1878, 2067, 2289, 2322, 2542, 2657, 2673, 3367, 3608, 3780, 3902, 4079, 4611, 5030, 5168, 5234, 5317, 5495, 5549, 5674, 5869, 6242, 6266, 6984, 7339, 8711, 8833, 9016, 9285, 9871, 9976, 10100, 10128
LEUKOPLAKIA: 5650
LEUKOPLAKIA, ORAL: 5595
LEUPEPTINS: 6007, 6931, 8189, 8941, 9413–9414
LEVAMISOLE: 2412, 2714, 7010, 7202, 7979
LEVODOPA: 1818, 5989, 7733, 10240, 10289
LEVORPHANOL: 19
LEYDIG CELLS: 804–805
LH: 804–805, 1549, 2283, 5088, 5723, 7607, 7899, 8865
LH-FSH RELEASING HORMONE: 718, 2938, 3402–3403, 4835, 5719, 5901, 6161, 8509
LIBIDO: 8303
LICE: 2069
LICHEN PLANUS: 2672, 7570
LIDOCAINE: 711, 2330, 2739, 3330, 4415, 6482, 9228
LIFE EXPECTANCY: 2923, 3037
LIFE SUPPORT SYSTEMS: 2395
LIGAMENTS: 571, 4441
LIGANDS: 1373, 2448, 2651, 4762, 5267, 5306, 5375, 5401, 5793, 5976, 7128, 8959, 9485, 10153
LIGASES: 1753, 7050, 10057
LIGATION: 274, 729, 1222, 1289, 1458, 2638, 3364, 4601, 4962, 5028, 5622, 6586, 6596, 7285, 7377, 7504, 7736, 8013, 8035, 8054, 8593, 10026–10027
LIGHT: 61, 252, 495, 1008, 1385, 1418, 2582, 2787, 3029, 3418, 3725, 4160, 4484, 5193, 5225, 5603, 5617, 5990, 6020, 7568, 7705, 7862, 8094, 8238, 8323, 8394, 8397, 9174, 9269, 9284
LIGHT COAGULATION: 1837, 2986, 3718, 4293, 4856, 7595, 7876
LIMULUS: 1653, 2871, 2913, 4722, 5494, 6511, 6513, 8929, 9022–9023, 9192
LINGUAL NERVE: 10068
LINKAGE (GENETICS): 150, 3068, 3125, 3332, 3478, 4390, 7140, 9823, 9825
LINOLEIC ACIDS: 307, 1278, 1630, 2689, 3310, 3933, 3980–3981, 4333, 5387, 6747, 7382, 9576–9577, 10378
LINOLENIC ACIDS: 9920
LIP: 1265, 4183
LIP DISEASES: 1861, 2890
LIP NEOPLASMS: 1265, 2014, 2890, 3197, 4174, 4183, 5265, 6959, 7328, 7999, 9507, 9670
LIPASE: 77, 107, 272, 298, 334, 432, 502, 562, 845, 931, 1099, 1119, 1220, 1243, 1274, 1321, 1429, 1492, 1494, 1517, 1562, 1777, 1781, 1886, 1904, 2013, 2048, 2129, 2164–2165, 2259, 2372, 2424–2425, 2436, 2593, 2777, 2885–2886, 2939, 3032, 3319, 3331, 3389, 3725, 3773, 3807, 3889, 4008, 4035, 4121,

4125, 4207, 4268, 4277, 4501, 4541, 4802–4803, 4908, 5003, 5120, 5204, 5279, 5301, 5747, 5751, 5813, 6000, 6189, 6303, 6360, 6388, 6532, 6536, 6651–6653, 6780, 6840–6841, 6843, 6846, 7273, 7827, 7905, 8006, 8513, 8574, 8603, 8696, 8699, 8755, 8779, 9025, 9108, 9147, 9417, 9470–9472, 9802, 9999, 10210, 10284
LIPID A: 2872, 4482, 6630, 7616, 7633
LIPID METABOLISM, INBORN ERRORS: 2939, 7654
LIPID MOBILIZATION: 2013, 2631, 3148, 3725, 4277, 5502, 5969, 7739, 8610, 8852, 8958, 9380
LIPIDS: 2, 40, 63, 234, 306, 486, 502, 584, 589, 662, 701, 783, 795, 833, 851, 896, 964, 1187, 1189, 1208, 1243, 1337, 1506, 1528, 1744, 1777, 1788, 1993, 2027, 2057, 2076, 2082, 2136, 2250, 2425, 2704, 2984, 3048, 3127, 3287, 3448, 3518, 3585, 3617, 3871, 3935, 3962, 4008, 4083, 4258, 4602, 4641, 4665, 4797, 4926, 4996, 4998, 5074, 5115, 5135, 5196–5197, 5270, 5345–5346, 5387, 5498, 5502, 5557, 5570, 5899, 5969, 6004, 6083, 6102, 6133, 6224, 6300, 6388, 6533, 6653, 6743, 6850, 7129, 7184, 7279, 7382, 7489, 7617, 7727, 7770, 7816, 7855, 7887, 7905, 7958–7959, 8069, 8103, 8284, 8359, 8391, 8451, 8852, 8952, 9004, 9326, 9563, 9575, 9609, 9613, 9636, 9755, 9999, 10109, 10160, 10223, 10233, 10379
LIPOAMIDE DEHYDROGENASE: 3253, 9860
LIPOCHONDRODYSTROPHY: 4873, 7808
LIPODYSTROPHY, INTESTINAL: 3302
LIPOFUSCIN: 8419
LIPOIC ACID: 1998
LIPOIDOSIS: 7808
LIPOMA: 103, 539, 550, 962, 1323, 1428, 1676, 1942, 1973, 2017, 2119, 2130, 2286, 2509, 2647, 3289, 3344, 4087, 4613–4614, 4626, 5157, 5304, 5343, 5559, 5655, 5673, 5750, 6041, 6157, 6235, 6301, 7082, 7421, 7503, 7785, 7857, 8863, 9066, 9257, 9343, 9740, 9887, 10065, 10171
LIPOMATOSIS: 170, 3289, 4268, 5302
LIPOPOLYSACCHARIDES: 54, 2111, 2309, 2462, 2872, 3653–3655, 3706, 4439, 4482, 4561, 4671, 6630, 7616, 7633, 7768, 8058, 8182, 8477, 9403, 9703, 10247
LIPOPROTEIN LIPASE: 40, 67, 191, 272, 387, 428, 431–432, 502, 621, 662, 704, 713, 821, 930–931, 1243, 1319, 1492–1493, 1581, 1625, 1776–1777, 1849, 2013, 2027, 2371–2372, 2424, 2463, 2630–2632, 2679, 2777, 2920, 2939, 2949–2950, 3156, 3388–3389, 3582, 3660, 3707, 3726, 3789, 3807, 3838, 3976–3977, 4095, 4143, 4206, 4227, 4256, 4268, 4476, 4546, 4732–4733, 4802–4803, 4885, 4926, 4933, 5093, 5120, 5125, 5279, 5328, 5345–5346, 5475, 5802, 5899, 5969, 6000, 6083, 6133, 6333, 6651–6652, 6664, 6840–6843, 6993, 7106, 7382, 7390, 7617, 7722–7723, 7743, 7781–7782, 7812, 8006, 8071, 8247–8250, 8359, 8518, 8712, 8777, 8779, 8919, 8949, 8958, 9072, 9084, 9188–9190, 9350, 9380, 9608–9609, 9911, 9988–9989, 9999, 10262, 10288
LIPOPROTEINS: 63, 67, 420, 458, 573, 610, 662, 681, 745, 832, 1007, 1759, 1777, 1986, 2769, 2949, 2976, 3047–3048, 3660, 4214, 4926, 4988, 5061, 5557, 5764, 5885, 6224, 6302, 6393, 6653, 6658, 6709, 6841, 7101, 7279, 7322, 7654, 7739, 7774, 7781, 7816, 8006, 8071, 8214, 8252, 8451–8452, 9380, 9608–9609, 9768, 9847, 10262, 10343
LIPOPROTEINS, HDL: 420, 1007, 1866, 3385, 4164, 5120, 5561, 5764, 6180, 6302, 6393, 6709, 7322, 7512, 8071, 8611, 8722, 9768, 10263
LIPOPROTEINS, LDL: 1007, 1193, 1500, 1535, 1866, 1986, 2082, 2263, 2280, 2554, 2630, 2679, 2949, 3286, 4097, 4546, 5352, 5628, 5764, 6224, 6302, 6393, 6653, 6709, 7322, 7654, 8071, 8214, 8222, 8380, 8571, 8610–8611, 9768, 10143, 10160, 10262
LIPOPROTEINS, VLDL: 63, 432, 1500, 2280, 2401, 2425, 2631–2632, 2679, 2939, 2949, 3156, 3388, 3660, 4227–4228, 4546, 4885, 5120, 5498, 5628, 5764, 6302, 6393, 6651, 6653, 6659, 6709, 6993, 7322, 7723, 7771, 8071, 8222, 8391, 8584, 8779, 8949, 8958, 9768
LIPOSARCOMA: 1428
LIPOSOMES: 2473, 3926, 4423, 5122, 6912, 8379, 9939
LIPOTROPIC FACTORS: 7719
LIPOTROPIN: 377, 3328–3329, 5426, 7772, 7820, 8282
LIPOXYGENASES: 2009, 3589, 3893
LITHIUM: 206, 783, 1247, 1285, 3068, 3809, 7902, 9526
LIVER: 2, 25, 38, 40–41, 77, 159, 180, 212, 234, 285, 324, 373, 383, 432, 502, 582, 607, 616, 649, 662, 667, 711, 783, 823–824, 899, 930–931, 957–958, 970, 1087, 1102, 1128, 1266, 1296, 1306, 1308, 1318, 1426, 1445, 1471, 1482, 1491–1492, 1494, 1496, 1528, 1576–1578, 1621, 1764, 1791–1792, 1817, 1889, 1910, 1957, 1961, 2019, 2027, 2047, 2058, 2112, 2188, 2274, 2322, 2371, 2410, 2424–2425, 2428, 2444, 2469, 2491, 2500, 2503, 2548, 2589, 2602, 2614, 2619, 2664, 2739, 2743, 2750, 2763, 2777, 2796, 2810–2811, 2825, 2907, 2909, 2939, 2942, 3053, 3084, 3129, 3157, 3205, 3222, 3245, 3282, 3386–3387, 3389, 3402, 3430, 3440, 3444, 3480, 3489, 3518, 3569, 3583, 3585, 3841, 3878, 3927, 3966, 3977, 4008, 4066, 4115, 4162, 4176, 4179, 4220, 4242, 4252, 4260, 4277, 4282, 4358–4359, 4392, 4406, 4426, 4502, 4537, 4540, 4564, 4598, 4609, 4721, 4762, 4770, 4776, 4802–4803, 4805, 4814, 4840, 4855, 4866, 4884, 4902, 4904, 4956, 4980, 4996, 4998–5000, 5008, 5042, 5045–5046, 5106, 5117, 5131, 5144, 5148, 5159, 5161, 5169, 5173, 5186, 5255, 5277, 5292, 5345–5346, 5363, 5397, 5411, 5433, 5450, 5462, 5529, 5555–5556, 5565, 5577, 5600, 5682, 5714, 5753, 5778, 5788–5789, 5889–5890, 5905, 5950, 5969, 6030, 6059, 6082, 6089, 6096, 6101, 6171, 6221, 6230, 6238, 6264, 6315, 6318, 6332, 6433, 6438, 6475, 6492, 6533, 6541, 6600, 6624, 6638–6640, 6651, 6659, 6788, 6805, 6820, 6831, 6839, 6841–6842, 6909, 6913, 6933, 6939, 6941, 7004, 7012, 7014, 7043, 7138, 7164–7165, 7180, 7184, 7193, 7200, 7207, 7231, 7235, 7249, 7270, 7315, 7374, 7382, 7400, 7438, 7472, 7475–7476, 7488, 7534, 7640, 7664, 7685, 7692, 7748, 7770, 7793, 7808, 7821–7822, 7896, 7905, 7968, 8030, 8071, 8130, 8142, 8188, 8197, 8222, 8259, 8263, 8277, 8285, 8338, 8364, 8367, 8515, 8518, 8568, 8603, 8619, 8643, 8657, 8685, 8687, 8754, 8779–8780, 8794–8795, 8915, 8921, 8926, 8949, 8969–8970, 9006, 9013, 9040, 9079, 9117, 9134, 9186, 9189, 9216, 9246, 9267, 9278, 9296, 9308, 9362, 9468, 9494, 9500, 9515, 9549, 9583, 9615, 9684, 9715, 9726, 9730, 9749, 9767, 9789, 9829, 9837, 9851, 9905, 10015, 10080, 10082, 10119, 10161, 10181, 10279
LIVER ABSCESS: 2116, 2170, 2235, 5397, 6168, 7968, 8364
LIVER CIRCULATION: 159, 970, 2274, 5161, 5462, 5783, 7193, 7534, 8798
LIVER CIRRHOSIS: 34, 89, 425, 658, 706, 1130, 1266, 1653, 1672, 2103, 2178, 2328, 2468, 2663, 2907, 3362–3363, 3503, 3777, 3865, 4079, 4094, 4216, 4387, 4572, 4699, 4794, 4931, 4971, 5073, 5206, 5277, 5496, 5773, 5783–5784, 6004, 6033, 6082, 6222, 6228, 6276, 6599, 6866, 6958, 6965, 7107, 7347, 7691–7692, 7739, 7901, 7903, 8120, 8185, 8338, 8533, 9363, 9378, 9618, 9684, 9834
LIVER CIRRHOSIS, OBSTRUCTIVE: 3633, 4259, 7654
LIVER CIRRHOSIS, POSTNECROTIC: 1130, 6957
LIVER DISEASES: 67, 310, 417, 527, 616, 706, 855, 868, 971, 1082, 1087, 1136, 1224, 1482, 1556, 1952, 2168, 2330, 2395, 2397, 2432, 2435, 2662, 2700, 2739, 2750, 2752, 2783, 2793, 2796, 2865–2866, 2960, 3155, 3172, 3362–3363, 3387, 3540, 3668, 3679, 3828, 3849, 3890, 3899–3900, 4259, 4411, 4657, 4770, 4803, 4819, 4971, 4997, 5182, 5184, 5255, 5277, 5397, 5418, 5422, 5438, 5497, 5773, 5856, 6168, 6315, 6318, 6496, 6805, 6828, 6858, 6952–6953, 6957, 7058, 7166, 7193, 7371, 7425, 7770, 7965, 8043, 8122, 8598, 8776, 8834, 8921, 8936, 9017, 9124, 9262, 9266, 9307, 9311, 9363, 9484, 9486, 9590, 9618, 9684, 9747, 9767, 10025, 10110, 10146, 10261
LIVER EXTRACTS: 9393
LIVER FUNCTION TESTS: 1087, 1308, 1482, 2265, 2503, 2796, 2907, 3241, 3363, 4753, 5363, 5389, 5462, 6096, 6276, 7347, 7770, 8030, 8043, 8834, 9484, 9905, 10129
LIVER GLYCOGEN: 5292, 6171
LIVER NEOPLASMS: 28, 47, 127, 541, 706, 916, 958, 971, 1013–1014, 1088, 1102, 1556, 1602, 1732, 2047, 2637, 2866, 3037, 3362, 3367, 3461, 3878, 3943, 3951, 4216, 4220, 4442, 4565, 4614, 4653, 4657, 4891, 4900, 4902, 4956, 4965, 5090, 5397, 5454–5455, 5476, 5673, 5822, 6007, 6168, 6306, 6315, 6326, 6504, 6527, 6672, 6819, 7108, 7346, 7351–7352, 7436, 7592, 7682, 7719, 7721, 7822, 7982, 7987, 8055, 8133, 8193, 8363–8364, 8588, 8713, 8742, 8754, 8764, 8775–8776, 8872, 9006, 9128, 9155, 9617, 9734, 9767, 9829, 9853, 9905, 10006, 10369
LIVER REGENERATION: 1296, 1308, 3461, 6230, 6325, 7664
LOBELINE: 8659
LOBSTERS: 2004
LOCUSTS: 1139
LOEFFLER'S SYNDROME: 6056
LOGIC: 7141
LOMUSTINE: 410, 3608, 4070, 9976
LONG TERM CARE: 556, 1633, 2697, 2743, 3321, 3448, 4244, 6581, 7129, 8320, 9705, 9943, 9946, 10101
LONGITUDINAL STUDIES: 8085
LORAZEPAM: 7840
LUCIFERIN: 4988
LUDWIG'S ANGINA: 567
LUMBAR VERTEBRAE: 1061, 1741, 1771, 2723, 3607, 5676, 6019, 10312
LUMBOSACRAL PLEXUS: 3114
LUMBOSACRAL REGION: 4087, 5081, 5796
LUMINESCENCE: 2483, 2582, 5387, 9654
LUNG: 96, 144, 237, 439, 473, 518, 637, 639, 642, 655, 668, 671, 705, 776, 842, 884, 899, 901, 906, 985, 1009, 1190, 1300, 1439, 1492, 1557, 1770, 1840–1841, 1897, 1905, 1909, 1929, 2051, 2085, 2111–2112, 2147, 2155, 2208, 2232, 2236, 2252, 2270, 2301, 2443, 2469, 2474, 2602, 2614, 2700, 2740, 2874, 2936, 3111, 3144, 3157, 3208, 3249, 3338, 3524, 3530, 3573, 3651, 3769, 3799, 3841, 3873, 3977, 4036, 4098, 4157, 4162, 4179, 4194, 4465, 4471, 4473, 4677, 4738, 4840, 4919, 4998, 5042, 5045, 5053, 5066, 5140, 5160, 5169, 5221, 5252, 5328, 5486, 5556, 5649, 5694, 5714, 5737, 5750, 5841, 5905, 6039,

6056, 6059, 6240, 6433, 6475–6476, 6492, 6607, 6621, 6649, 6669–6670, 6820, 7003–7004, 7017, 7246, 7264, 7369, 7472, 7566, 7636, 7649, 7871, 7905, 8103, 8130, 8132, 8157–8158, 8167, 8188, 8197, 8368, 8442–8443, 8459, 8498, 8509, 8518, 8566, 8622, 8644, 8724, 8760, 8823, 8916, 8923, 8979, 8981, 8986, 9004, 9011, 9088, 9090, 9141, 9278, 9302, 9435, 9446, 9593, 9861, 9864, 9958–9959, 9993, 9995, 10049, 10080, 10098, 10181, 10235, 10312, 10376
LUNG ABSCESS: 2598, 4120, 5548, 8255
LUNG COMPLIANCE: 985, 2076, 7192, 9447
LUNG DISEASES: 110, 636, 976, 986, 1021, 1182, 1300, 1349, 1415, 1541, 1557, 1670, 1905, 2012, 2232, 2252, 2330, 2395, 2977, 3111, 3769, 3799, 3890, 3937, 4473, 5694, 5750, 5841, 5860, 6030, 6055–6056, 6556, 6611, 6882, 6992, 7004, 7390, 7605, 8046, 8132, 8246, 8740, 8876–8877, 9090, 9112, 9124, 9271, 9531, 9848, 9942
LUNG DISEASES, FUNGAL: 2252
LUNG DISEASES, OBSTRUCTIVE: 473, 1683, 2133, 2700, 5567, 5713, 6228, 9091
LUNG NEOPLASMS: 69, 574, 634, 760, 1158, 1411, 1601, 1692, 1948, 2193, 2227, 2252, 2339, 2637, 2991, 3037, 3229, 3608, 3648, 3782, 3799, 3847, 4071, 4203, 4407, 4979, 5307, 5436, 5750, 5860, 6007, 6266, 6984, 7264, 7436, 7555, 7566, 8020, 8167, 8449, 8498, 8669, 8705, 8772, 8822, 8861, 9091, 9166, 9291, 9350, 9864, 9976
LUNG VOLUME MEASUREMENTS: 2703, 2789
LUPUS ERYTHEMATOSUS, DISCOID: 3014
LUPUS ERYTHEMATOSUS, SYSTEMIC: 162, 426, 775, 891, 909, 1082, 1086, 1260, 1374, 1463, 1646, 1652, 1763, 1786, 1945, 2201, 2858, 2946, 3076, 3192, 3737, 4235, 4259, 4299, 4401, 4533, 4563, 4674, 5020, 5130, 5291, 5559, 6056, 6104, 6389, 6588, 7215, 7901, 7972, 7979, 8106, 8187, 8211, 9069, 9097, 9167, 9231, 9566, 10090, 10116
LYASES: 4434, 5401, 7452, 9814, 10108
LYMPH: 832, 2769, 4381, 4568, 5110, 5112, 5591, 7204, 7991, 8250, 8760, 9359, 9475, 10047, 10146
LYMPH NODE EXCISION: 7426
LYMPH NODES: 331, 2724, 3124, 3653–3655, 3828, 4019, 5591, 5750, 6068, 6695, 7470, 7699, 7755, 8024, 8058, 9190, 9874, 9877, 9933, 10041
LYMPHADENITIS: 3260, 5343
LYMPHANGIOMA: 170, 781, 895, 1822, 1881, 2150, 2161, 2244, 4440, 4626, 6574, 7746, 8191, 9521, 10065
LYMPHANGIOSARCOMA: 4389
LYMPHANGITIS: 10072
LYMPHATIC DISEASES: 2137, 3765, 7331, 7974, 8154
LYMPHATIC METASTASIS: 979, 1323, 1556, 2051, 2673, 3782, 7426, 7884, 8912, 9190, 9427, 9874, 9933
LYMPHATIC SYSTEM: 1440–1441, 2051, 2706, 2953, 4910, 5592, 6775, 7193, 8154, 9464, 10041
LYMPHEDEMA: 1440–1441, 1603, 2042, 2706, 4076, 4389, 4925, 5539, 6025, 7204–7206, 7209, 7211, 7917, 7974, 10175
LYMPHOCYTE TRANSFORMATION: 3, 365, 810, 865, 921, 1252, 1598, 2427, 2437, 2462, 3074, 3126, 3285, 3312, 3314, 3653–3655, 3983, 4671, 4818, 5246, 5629, 5674, 5777, 6058, 6149, 6201, 6267, 6557, 6673, 6918, 7008, 7013, 7127, 7136, 7341, 7570, 7615, 7979, 8182, 8343, 8446, 8511, 8544, 8817, 8937, 9120, 9170, 9189, 9329, 9647–9648, 9703, 9878, 10250, 10394
LYMPHOCYTES: 3, 17, 81, 93, 331, 338, 356, 363–365, 367, 411, 458, 511, 581, 696–697, 703, 864–865, 921, 1070, 1226, 1260, 1308, 1373, 1607, 1673, 1680, 1723, 1846, 1955, 2303, 2438, 2462, 2496, 2570, 2608, 2724, 2872, 2894, 2925, 2980, 3120, 3125–3126, 3195, 3312, 3314, 3355, 3377, 3560, 3571, 3621, 3746, 3772, 3860, 3862, 3956, 4001, 4003, 4081, 4138, 4361, 4587, 4671, 4740, 4813, 4818, 4993, 5029, 5207, 5246, 5353, 5445, 5527, 5591, 5629, 5672, 5777, 5836, 6267, 6445, 6540, 6557, 6571, 6673, 6703, 6847, 6901, 6918, 7008, 7112, 7135–7136, 7231, 7312, 7341–7342, 7391, 7470, 7491, 7514, 7545, 7615–7616, 7625, 7699, 8022, 8024, 8110, 8179, 8279, 8286, 8511, 8539, 8704, 8745, 8937, 9048, 9170, 9231, 9234, 9240, 9267, 9329, 9541, 9555, 9570, 9647–9648, 9671, 9681, 9703, 9774, 9964, 10117, 10394
B-LYMPHOCYTES: 187, 576, 921, 1108, 1757, 2137, 2176, 2462, 2608, 2719, 3126, 3216, 3257, 3465, 3655, 3983, 4019, 4439, 4671, 4813, 5029, 6201, 6485, 6716, 6961, 7008–7009, 7112, 7127, 7291, 7361–7362, 7391, 7755, 7801, 7826, 7926, 8110, 8182, 8484, 8511, 8937, 9329, 9648, 9807, 9956
T-LYMPHOCYTES: 187, 364, 688, 690, 921, 1070, 1108, 1356, 1526, 1584, 1757, 1962, 2176, 2427, 2437, 2462, 2485, 2924, 3002, 3126, 3193, 3465, 3621, 3653, 3655, 3983, 4019, 4054, 4439, 4671, 4813, 4968, 5029, 5341, 5440, 5518, 5672, 5770, 6058, 6201, 6716, 6935, 6961, 7008, 7012–7013, 7127, 7277, 7361–7362, 7391, 7755, 8110, 8446, 8448, 8511, 8629, 9318, 9329, 9787, 9807, 9878, 9956, 10045
LYMPHOCYTOSIS: 7777
LYMPHOGRAPHY: 2789, 3124, 3344, 4843, 6775, 8154, 8157, 8621, 9464, 10041
LYMPHOID TISSUE: 8419
LYMPHOKINES: 1680, 2313, 2462, 2546, 3831, 5440, 7195, 7341–7342, 8543–8544
LYMPHOMA: 162, 619, 1235, 1403, 2657, 3209, 3377, 3381, 3737, 3865, 4670, 4780, 5243, 5667, 5730, 6266, 6468, 6751, 7352, 7413, 7826, 8486, 8833, 9166, 9215, 9807, 10145
LYMPHOPENIA: 136, 2067, 8045
LYMPHOSARCOMA: 375, 422, 3843, 4187, 5691, 6425, 6540, 7199, 7427
LYMPHOTOXIN: 7514, 7699, 8022–8023
LYNESTRENOL: 424, 4848
LYSERGIC ACID DIETHYLAMIDE: 5776
LYSINE: 52, 897, 1020, 1143, 1188, 1322, 1344, 1612, 1645, 1678, 1858, 2144, 2228, 2601, 2904, 3108, 3222, 3255, 3365, 3638, 3991, 4122, 4134, 4508, 5437, 5572, 5874, 6686, 7066, 7431–7432, 7761, 8164, 8172, 8580, 8658, 8761, 8838, 8941, 9032, 9340, 9448, 9544, 9997, 10156
LYSINE HYDROXYLASE: 262
LYSOGENY: 1444, 2138, 5468, 7745
LYSOPHOSPHATIDYLCHOLINES: 486, 3725, 4374, 5385, 7816, 9755
LYSOSOMES: 144, 182, 196, 271, 285, 385, 449, 723, 924, 927, 1187, 1855, 1873, 1920, 1962, 2157, 2347, 2548, 2639, 2995–2996, 2998, 3100, 3430, 3572, 3748, 3790, 3860, 3862, 3935, 3965, 4119, 4143, 4201, 4245, 4436, 4467, 4721, 5162, 5279, 5312, 5411, 5440, 5522, 5528, 5602, 6385, 6868, 6907, 6929, 7164, 7232, 7478, 7625, 7808, 7821, 7853, 7858, 7864, 7871, 7975, 8141, 8277, 8632, 8892, 9076, 9084, 9120, 9134, 9210, 9278, 9296, 9362, 9473, 9570, 9680, 9730, 9760, 9963, 10117, 10250
LYSOSTAPHIN: 7728, 8699

M

MACACA: 2993, 3151, 7183, 7523, 7774, 8643–8644, 8978, 9626
MACACA RADIATA: 4996
MACROGLOBULINEMIA: 128, 591, 818, 1328, 1541, 2106, 2137, 2767, 3209, 3425, 3894, 4123, 4813, 5691–5692, 5722, 6260, 7015, 8667, 8724, 9231, 10343
MACROGLOBULINS: 1924, 4917, 5284, 5410, 5736, 6666, 8982
MACROMOLECULAR SYSTEMS: 41, 61, 632, 727–728, 856, 867, 881, 995, 1143, 1171, 1188, 1299, 1340, 1407, 1420, 1444, 1451, 1708, 1721, 1742, 1805, 1864, 1917, 1935, 1949, 2060, 2179, 2219, 2222, 2447, 2492, 2610, 2785, 2963, 3024, 3075, 3211, 3255, 3376, 3381, 3419, 3454, 3635, 3663, 3919, 3941, 3986, 4066, 4124, 4239, 4248, 4334, 4412–4413, 4518, 4649, 4751, 4768, 4861, 4924, 5076, 5086, 5145, 5163, 5253, 5467, 5582, 5626, 5680, 5716, 5811–5812, 5903, 6095, 6237, 6335, 6361, 6369, 6568, 6672, 6720, 6742, 6758, 6848, 6927, 6972, 7081, 7169, 7180, 7223, 7283, 7318, 7364, 7370, 7452, 7465, 7488, 7660, 7670, 7777, 7899, 8262, 8389, 8429, 8524, 8579, 8612, 8808, 8837, 8940, 8945, 9116, 9136, 9372, 9481, 9708, 9743–9744, 9938, 9953, 9958, 10033, 10057, 10132, 10168, 10184, 10214–10215, 10317
MACROPHAGES: 144, 363, 511, 653, 688, 690, 822, 1146, 1356, 1791, 1962, 2252, 2336, 2437, 2444, 2485, 2622, 2751, 2872, 2980, 3020, 3302, 3570, 3700, 3790, 3802, 3831, 3912, 3973, 3989, 4040, 4282, 4361, 4399, 4622, 4824, 5411, 5522, 5591, 5694, 5894, 5986, 6688, 6793, 7127, 7195, 7213, 7341–7342, 7345, 7361, 7369, 7636, 7699, 7761, 7871, 7888, 7975, 8179, 8402, 8419, 8543, 8745, 8983, 9407, 9425, 9541, 9730, 10161, 10185, 10394
MACULA LUTEA: 2758, 6117, 7876–7877
MACULAR DEGENERATION: 4616
MAGIC: 2131
MAGNESIUM: 104, 246, 546, 632, 841, 887, 1098, 1285, 1445, 1578, 1963, 2245, 2340, 2500, 3212, 3316, 3386, 3426, 3492–3493, 3703, 3796, 3823, 3941, 4114, 4116, 4225, 4619, 5067, 5368, 5469, 5561, 5568, 5601, 5732, 5753, 5887, 6337, 6541, 6636, 6726, 6793, 6863, 6926, 6939, 7267, 7332, 7370, 7516, 7971, 8400, 8402, 8429, 8534, 8661, 8719–8720, 8983, 9246, 9430, 9783, 9786, 9832, 9852, 10115, 10119, 10168
MAGNESIUM DEFICIENCY: 8233
MAGNESIUM HYDROXIDE: 10289
MAGNETICS: 118, 6439, 7155, 7851
MALABSORPTION SYNDROMES: 832, 1099, 1818, 1912, 1941, 3246, 3599, 5570, 6849, 7860, 8245, 9575, 10379
MALARIA: 2175, 3091, 3506, 5968, 6437, 7471, 7525, 8292, 8549, 8624, 9479, 10385
MALATE DEHYDROGENASE: 2304, 4434, 5082, 6361, 9384, 10005
MALATES: 9384
MALEATES: 578, 995, 2447, 4801, 5467, 8338
MALEIC ANHYDRIDE: 739, 8235, 9736
MALEIMIDES: 6993
MALIGNANT HYPERTHERMIA: 756, 2779
MALINGERING: 8828

MALLORY-WEISS SYNDROME: 1863
MALONATES: 1753, 3269, 8959
MALONDIALDEHYDE: 1968, 2626, 3269, 3601, 4602, 6198, 10162
MALPRACTICE: 638, 7338, 8143
MALTOSE: 9049
MAMMAE: 1690, 1816, 2215, 4950, 5423, 5779, 6083, 6687, 8247–8248, 8250, 8712, 9837
MAMMALS: 2033, 5417
MAMMARY ARTERIES: 6965
MAMMARY NEOPLASMS, EXPERIMENTAL: 794, 1690, 1695, 2619, 2974, 3566, 3634, 6007, 7794, 9710
MAMMOGRAPHY: 1876, 4667, 9894
MANDELIC ACIDS: 6450, 8482
MANDIBLE: 3290–3291, 5550, 7153
MANDIBULAR DISEASES: 756, 1861, 3115, 3555, 6411
MANDIBULAR FRACTURES: 5111, 7225
MANDIBULAR NEOPLASMS: 2532, 4183, 6411, 6959, 7153, 8535, 8672
MANDIBULAR NERVE: 6499
MANGANESE: 268, 372, 420, 446–447, 1090, 1380, 2263, 3162, 3661, 4114, 4164, 5561, 5651, 6081, 6570, 7370, 7516, 8452, 8609, 8719–8720, 8722, 8921, 8926, 9246, 9958, 10127, 10156, 10167–10168
MANIPULATION, ORTHOPEDIC: 36
MANNANS: 3680
MANNITOL: 1923, 2048, 2330, 3214, 3234, 4180, 4207, 4619, 4921, 5893, 7143, 7158, 7708, 8798, 10180
MANNOSE: 2053, 4226, 4737, 6848, 9232
MANNOSIDASES: 927, 6708, 7014
MANOMETRY: 3056, 7205
MAPROTILINE: 9489
MARINE TOXINS: 10084
MARMOSETS: 5467
MASS FRAGMENTOGRAPHY: 5025, 8442–8443
MASS SCREENING: 243, 6932, 7471, 7494, 8756, 9203
MAST CELLS: 378, 2289, 2312, 2461, 2463, 2794, 2798, 3976, 3984, 4111, 4270, 4282, 4983, 5167, 5440, 5478, 6068, 6602, 7491, 7866, 8400, 8462, 8581, 8680, 8745, 8823, 8910, 9099, 9404, 10187–10188, 10394
MASTECTOMY: 979, 2673, 10061
MASTIGOPHORA: 4403
MASTITIS: 10061
MASTITIS, BOVINE: 892
MASTOID: 756, 2184
MASTOIDITIS: 7227, 8461
MATERNAL AGE: 1851, 5565, 5636
MATERNAL BEHAVIOR: 8783
MATERNAL-FETAL EXCHANGE: 5, 669, 1696, 1717, 2206, 2683, 3447, 3490, 3761, 3939, 4417, 4463, 4606–4607, 5272, 5864, 6063, 6456, 7559, 8027, 8684, 8745, 9537, 9798
MATERNAL MORTALITY: 3373, 3524, 3832, 4043, 7056, 7241
MATHEMATICS: 1, 118, 153, 446, 867, 935, 942, 1571, 1612–1613, 1687, 1762, 1946, 2108, 2483, 2527, 3170, 3224, 3277, 3394, 3774, 4005, 4074, 4160, 4255, 4303, 4394, 4454, 4485, 4595, 4659, 4768, 4924, 5076, 5124, 5269, 5381–5382, 5805, 5891–5892, 5913, 6114, 6195, 6444, 6521, 6568–6569, 7065, 7435, 7465, 7531, 7689, 7703, 7823, 7878, 8102, 8379, 8626, 9015, 9172, 9452, 9634, 9946
MAXILLA: 9610
MAXILLARY NEOPLASMS: 394, 6914
MAXILLARY SINUS: 2529, 3876, 4515, 5407, 8170, 9125
MAXILLOFACIAL DEVELOPMENT: 756
MAXILLOFACIAL INJURIES: 8376
MAXIMAL EXPIRATORY FLOW RATE: 5491
MAXIMUM PERMISSIBLE EXPOSURE LEVEL: 1025
MAZINDOL: 7188
MEASLES: 10088
MEASLES VIRUS: 2383, 3621, 7013
MEAT: 438, 442, 1527, 5296, 6515, 9674
MECHANORECEPTORS: 2953
MECHLORETHAMINE: 3, 1726, 2731, 3509, 3608, 5495, 8523
MECKEL'S DIVERTICULUM: 4516
MECLOFENAMIC ACID: 5737, 9866
MEDIAN EMINENCE: 6161, 9393
MEDIAN NERVE: 1081, 5609, 6248, 7286
MEDIASTINAL DISEASES: 1268, 1415, 6502
MEDIASTINAL EMPHYSEMA: 4335
MEDIASTINAL NEOPLASMS: 3592, 4289, 4755–4756, 6540, 6815, 7643, 8024, 8706
MEDIASTINITIS: 8772
MEDIASTINUM: 6959, 7711, 8024, 8841
MEDICAL AUDIT: 1251
MEDICAL HISTORY TAKING: 826, 1379, 3166, 4616, 5733, 5879, 7193, 8175, 8441, 9780
MEDICAL RECORDS: 1617
MEDICAL RECORDS, PROBLEM ORIENTED: 3337
MEDICINE, ORIENTAL: 6880
MEDULLA OBLONGATA: 884, 7091
MEDULLOBLASTOMA: 8165
MEFENAMIC ACID: 7118
MEGACOLON: 2087, 6091, 7751
MEGAKARYOCYTES: 162, 300, 964, 1146–1147, 1199, 1284, 1302, 1840–1841, 2046, 2566–2567, 3210, 4223–4224, 4331, 4409, 4526, 5005, 5007, 5685, 6033, 6126, 6146–6147, 6397, 6443, 6479, 6525–6526, 6694, 6753, 6769–6770, 7094, 7619, 8933, 9168–9169, 9625, 9863, 10151
MEGLUMINE: 591
MEGLUMINE DIATRIZOATE: 793, 4507, 10241
MEGLUMINE IOTHALAMATE: 6167
MEIBOMIAN GLANDS: 2244
MEIOSIS: 3477, 4311, 5636, 7078, 10191
MELANCHOLIA, INVOLUTIONAL: 9037
MELANIN: 7171
MELANOMA: 375, 504, 687, 794, 815, 835, 996, 1704, 2161, 3689, 3906, 3995, 4293, 4616, 4813, 5307, 6151, 6495, 6672, 6687, 7171, 7503, 7595, 8300, 8419–8420, 8677, 8891, 9048, 9521, 9729, 9887, 9908, 9970
MELATONIN: 5787
MELENA: 1628, 3931
MELPHALAN: 2673, 4782, 5505, 5691, 8306, 8501
MEMBRANE LIPIDS: 248, 1277, 1759, 4221, 4333, 4796, 5371, 6951, 7467, 7853, 8540, 8823, 9730, 9939, 10109, 10306
MEMBRANE POTENTIALS: 245, 275, 1108, 2533, 6063, 6232, 6863, 7262, 7275, 7830, 8025, 9366
MEMBRANE PROTEINS: 131, 216, 245–246, 248, 701, 972, 1000–1001, 1542, 1546, 1584, 1587, 1630, 1654, 1755, 1759, 1892, 2138, 2418, 3043, 3222, 3547–3548, 3566, 3870, 4317, 4319, 4404, 4424, 4435, 4649, 4759, 4940, 5207, 5299, 5355, 5518, 5966, 6063, 6369, 6509, 6646, 6732, 6951, 7031, 7140, 7167–7168, 7853, 8022, 8182, 8360, 8402, 9458, 9939, 10102
MEMBRANES: 22, 144, 485, 1544, 1561, 1818, 3529, 3673, 3790, 4245, 4435, 4945, 4981, 6912, 7695, 8607, 8632, 8804, 8952, 8987, 9168, 9185, 9194, 9939
MEMBRANES, ARTIFICIAL: 144, 1625, 1759, 3224, 3418, 4645, 4716, 4876, 4880, 5482–5483, 6951, 7403, 7810, 8496, 9111, 9366, 9747
MEMORY: 482
MENGO VIRUS: 7405
MENIERE'S DISEASE: 2656, 8894, 9885
MENINGEAL ARTERIES: 533, 9670, 9818
MENINGES: 4229, 6029, 10073
MENINGIOMA: 276, 1658, 1934, 3523, 3843, 3988, 5083, 5354, 5929, 6786, 7179, 7245, 7462, 7584, 7704, 8165, 8307, 8998, 9495, 9670, 9830, 9887, 9986, 10073
MENINGITIS: 1658, 2090, 3202, 5075, 6786, 8031, 9325, 9397
MENINGITIS, MENINGOCOCCIC: 6455, 9258
MENINGOCELE: 7751
MENINGOCOCCAL INFECTIONS: 740, 1909, 4132, 6455, 8488, 8506, 8604, 9325
MENINGOENCEPHALITIS: 5888, 7287, 7466
MENINGOMYELOCELE: 8029
MENOPAUSE: 179, 979, 992, 1288, 1969–1970, 2768, 4806, 5270, 5690, 6714, 7296, 8303, 8739, 9440, 9462
MENORRHAGIA: 3153, 3192, 3315, 3554, 5229, 5432, 10157
MENSTRUATION: 2261, 2578, 2795, 3554, 4437, 4445, 5111, 5532, 7473–7474, 9462, 10373
MENSTRUATION DISORDERS: 3733, 6743
MENTAL DISORDERS: 568, 2175, 2678, 4644, 5270, 5489, 5733, 7535, 7554, 8730, 9034, 9526, 9563, 9695
MENTAL RETARDATION: 3393, 3543, 3798, 4622, 8730, 9450
MENTHOL: 233
MEPERIDINE: 6431
MEPIVACAINE: 6499
MERCAPTOETHANOL: 922, 1519, 2006, 2368, 2929, 4763, 4933, 5401, 6674, 7051, 7586, 8509, 8898, 9315, 9703, 9956
MERCAPTOPURINE: 5776, 5949, 6453
MERCURY: 171, 8699, 8908
MERCURY POISONING: 171, 542, 6394
MERCURY RADIOISOTOPES: 7891, 8750
MEROMYOSINS: 1000, 1604, 1963, 3663, 8218, 8418, 9852, 10168
MERSALYL: 287, 5319
MESENCEPHALON: 8629
MESENCHYMOMA: 8191, 8547
MESENTERIC ARTERIES: 322, 427, 753, 997, 1699, 1872, 2016, 2073, 2188, 3599, 3609–3610, 4313, 4456, 4516, 4572, 4834, 4939, 6415, 6996, 7281, 7348, 7429, 8384, 8763, 9557
MESENTERIC VASCULAR OCCLUSION: 322, 705, 953, 978, 1068, 1112, 2188, 3609–3610, 4456, 4848, 5195, 6364, 6415, 7281, 7429, 7667, 8384, 8763, 9274, 9557, 9616, 10219, 10383
MESENTERIC VEINS: 3384, 3609, 4250, 4939, 4958, 5073, 5195, 5775, 6364, 6415, 6585, 7133, 7982, 8384, 8763, 9274, 9557, 9616, 10383

MESENTERY: 590, 751, 1112, 1665, 2969, 3660, 4516, 5664, 8384, 9858–9859, 10370
MESOCRICETUS: 3522, 7351–7352, 7352, 7510, 7592, 7871
MESODERM: 5829
MESOTHELIOMA: 127, 8145, 9166, 10146
MESTRANOL: 109, 1113, 4848, 6585, 7459, 8066, 9304
METABOLIC CLEARANCE RATE: 3880, 5045, 8578
METABOLIC DISEASES: 110, 161, 6874, 10256
METABOLISM: 7222
METABOLISM, INBORN ERRORS: 187, 3190, 3393, 6126, 7278, 7808, 10350
METACARPOPHALANGEAL JOINT: 2778, 9856
METACARPUS: 9856
METALLOPROTEINS: 97, 2515, 4416, 5139, 6973, 7984, 9455
METALLURGY: 6223
METALS: 144, 871, 1753, 2123, 5568, 6718, 7892, 8909, 9284, 9977
METALS, RARE EARTH: 2483, 5255, 5891, 7645
METANEPHRINE: 6450
METAPLASIA: 1300, 9189
METARAMINOL: 8317
METEOROLOGICAL FACTORS: 4314
METFORMIN: 9847
METHACHOLINE COMPOUNDS: 8771
METHACRYLATES: 5482–5483, 9560
METHADONE: 10261
METHAMPHETAMINE: 2343, 5559, 10131
METHANDROSTENOLONE: 2887, 3415, 3782, 6533, 7129, 7743
METHANE: 10067
METHANESULFONATES: 10153
METHAQUALONE: 6573
METHEMOGLOBIN: 1184, 3891, 3893, 7918
METHEMOGLOBIN REDUCTASE: 9564
METHICILLIN: 606, 1751, 2080, 6103, 6595
METHIMAZOLE: 2386
METHIONINE: 33, 180, 1549, 1949, 1957, 2560, 2904, 3393, 3787, 4246, 4835, 4996, 5175, 5437, 5657, 5917, 6175, 6305, 6425, 6796, 7102, 7719, 8389–8390, 8629, 8897, 9284, 9306, 9505, 9544
METHIONYL T RNA SYNTHETASE: 2560
METHODS: 7, 11, 44, 80, 89, 97, 123, 125, 153, 279, 341, 351, 368, 379, 382, 384, 390–391, 399, 420, 427, 429, 433, 444, 469, 504, 525, 546, 594, 596, 631, 668, 675, 727–728, 752, 778, 801, 820, 828, 856, 859–861, 882, 889, 938, 960, 1025, 1028, 1067, 1083, 1094, 1174, 1188, 1222–1223, 1227, 1240, 1245, 1249, 1272, 1294, 1357–1358, 1421, 1424–1425, 1450–1451, 1472, 1478, 1552, 1559, 1561, 1579, 1624, 1639, 1680, 1682, 1685, 1705, 1721–1722, 1776, 1779, 1864, 1886, 1895, 1917, 1921, 1991, 2005, 2065, 2093, 2099, 2139, 2146, 2148, 2169, 2207, 2242, 2247, 2253, 2266, 2288, 2290, 2318, 2350, 2364, 2366, 2404, 2417, 2456, 2461, 2470, 2475, 2524–2525, 2555, 2559, 2605, 2627, 2649, 2656, 2669, 2681, 2696, 2710, 2712–2713, 2737, 2745, 2772, 2828–2830, 2844–2845, 2860, 2865, 2879, 2893, 2900, 2903, 2960, 2974–2975, 3003, 3109, 3123, 3165, 3170, 3207, 3217, 3224, 3303, 3317, 3319, 3338, 3374–3375, 3389, 3397, 3420, 3468, 3499, 3501, 3534, 3542, 3553, 3575, 3578, 3604, 3635, 3678, 3707, 3711, 3731, 3751–3752, 3766, 3786, 3826, 3883, 3885–3886, 3906, 3916, 3929, 3971, 3986, 4000, 4010, 4014, 4041, 4055, 4063, 4067, 4211–4212, 4274, 4279, 4287, 4309, 4324–4325, 4332, 4334, 4342, 4356, 4364, 4392, 4407, 4425, 4445, 4454, 4495, 4596, 4601, 4652, 4698, 4701, 4725, 4728, 4733, 4752, 4766, 4787, 4793, 4805, 4815, 4844, 4852, 4874, 4895, 4912, 4930, 4936, 4938, 5017, 5038, 5090, 5093, 5119, 5135, 5181, 5235, 5245, 5266, 5273, 5298, 5301, 5315, 5348, 5365, 5445, 5500, 5532, 5561, 5588, 5599, 5607, 5622, 5626, 5660, 5845, 5882, 5897, 5921, 5939, 5993, 6002, 6033, 6054, 6069, 6088, 6120–6121, 6127, 6134, 6143, 6157, 6194, 6292–6293, 6302, 6304, 6344, 6361, 6382, 6407, 6439, 6451, 6478, 6522, 6532, 6603, 6641, 6664, 6668, 6689, 6703–6704, 6777, 6783, 6850, 6865, 6928, 6932, 6963, 6990, 7105, 7153, 7161, 7236, 7259, 7282, 7292, 7333, 7365, 7373, 7406, 7408, 7422, 7444, 7547, 7568, 7598, 7624, 7659, 7665, 7670, 7673, 7726, 7806, 7823, 7834, 7865, 7879, 7904, 7917, 7976–7977, 8009, 8015, 8023, 8075, 8113, 8117, 8126, 8134, 8175, 8193, 8210, 8230, 8254, 8329, 8341, 8364, 8383, 8415, 8432, 8443, 8456, 8499, 8502, 8617, 8622, 8671, 8673, 8684, 8722, 8736, 8781, 8819, 8827, 8836, 8842, 8891, 8931, 8934, 8947, 8963, 8972, 8977, 9026, 9039, 9073, 9082, 9131, 9160–9161, 9178, 9184–9186, 9200, 9249, 9283, 9341–9342, 9372, 9375, 9377, 9398, 9423, 9426, 9437, 9483, 9504, 9508, 9512, 9517, 9529, 9585, 9655, 9696, 9706, 9714, 9760, 9778, 9790, 9804, 9838, 9841, 9849–9850, 9906, 9914, 9924, 9933, 9947, 9961, 9969, 9992, 10028, 10082, 10085, 10087, 10105, 10132, 10135, 10140, 10142, 10189, 10202, 10217, 10224, 10226, 10246, 10259, 10323, 10345
METHOTREXATE: 634, 979, 2923, 3608, 4147, 5436, 5964, 6055, 6665, 8835, 8861, 9456
METHOXAMINE: 5742
METHOXSALEN: 252, 5193, 5519, 6890, 7016, 10329
P-METHOXYAMPHETAMINE: 9347
METHOXYFLURANE: 5174, 6394
METHOXYHYDROXYPHENYLGLYCOL: 640, 6450, 8085
METHOXYTRYPTAMINE: 4982
METHYL METHANESULFONATE: 4530
METHYLAMINES: 3440
METHYLATION: 1510, 1549, 1928, 2307, 6207, 6686, 7597, 8315, 9031, 9291, 10054
METHYLCELLULOSE: 873, 3366, 6285, 10027
METHYLCHOLANTHRENE: 96, 365, 2556, 3962, 7271–7272, 7272, 7307–7308, 8920, 9194, 9300, 10126
METHYLDOPA: 4619, 6032
METHYLENE BLUE: 1981, 1984, 6577, 8838
METHYLENE CHLORIDE: 2822
METHYLENETETRAHYDROFOLATE DEHYDROGENASE: 7050
METHYLGLUCOSIDES: 873, 1875
METHYLHYDRAZINE: 9291
METHYLMALONIC ACID: 10057
METHYLMANNOSIDES: 5918, 8119
METHYLMETHACRYLATE: 2379, 3360, 5126, 7898
METHYLNITRONITROSOGUANIDINE: 8095
METHYLNITROSOUREA: 8286
METHYLPHENAZONIUM METHOSULFATE: 1480, 4673, 8531
METHYLPREDNISOLONE: 1144, 1403, 2329, 3551–3552, 4119, 5291, 5305, 5309, 6160, 6395, 7467, 8422, 8870, 10316
METHYLTESTOSTERONE: 855, 4382, 7754, 9905
METHYLTRANSFERASES: 1198, 2843, 9413, 10216
METHYLTYROSINES: 6576
METHYSERGIDE: 1278, 6377, 6823, 10155
METIAMIDE: 1642, 2204, 5022
METOPROLOL: 5102
METRIZAMIDE: 3572, 5405
METRONIDAZOLE: 1361–1362, 4597
METRORRHAGIA: 3153
METYRAPONE: 1635
MEVALONIC ACID: 1318
MICE: 24–25, 38, 50, 142, 189, 234, 246, 248, 338, 507, 581, 643, 688, 813, 815, 822, 877, 903, 1070, 1088, 1125, 1137, 1186, 1199, 1252, 1284, 1325, 1331, 1356, 1394, 1408, 1411, 1460, 1471, 1476, 1532, 1678, 1723, 1754, 1789, 1816, 1850, 1866, 1887, 1897, 1931, 1962, 2067, 2111–2112, 2143, 2215, 2309, 2336, 2347, 2363, 2427, 2438, 2462, 2478, 2485, 2491, 2496, 2526, 2548, 2552, 2570, 2594, 2613, 2719, 2750, 2763, 2771, 2821, 2929, 2978–2981, 2994, 3020, 3116, 3210, 3263, 3366, 3522, 3539, 3566, 3689, 3710, 3748, 3845–3847, 3926, 3962, 3967, 3977, 4009, 4040, 4091, 4140, 4153, 4178–4179, 4280–4282, 4343, 4361–4362, 4376, 4399, 4435, 4439, 4482, 4525, 4531, 4542, 4551, 4561, 4600, 4636, 4709, 4721, 4759, 4763, 4798, 4841, 4866, 4987, 5005–5008, 5013, 5054, 5122, 5169, 5185, 5207, 5246, 5336–5338, 5345–5347, 5371, 5427, 5472, 5477, 5518, 5612, 5618–5619, 5636, 5683, 5685–5688, 5842, 5917, 5953, 5965, 5986, 6007, 6034, 6092, 6138, 6174, 6190, 6207, 6216, 6244, 6454, 6503, 6526, 6687–6688, 6716, 6770, 6793, 6872, 6880, 6884, 6929, 6935, 6939, 7009, 7112, 7127, 7135–7136, 7140, 7155, 7220–7221, 7231, 7240, 7263–7264, 7272, 7277, 7289, 7307–7308, 7330–7331, 7360, 7405, 7478, 7521, 7543, 7545, 7590, 7592, 7694, 7717, 7763, 7765, 7802, 7835, 7888, 7960, 7989, 8068, 8101, 8110, 8182, 8203–8204, 8238, 8268, 8275, 8282, 8285–8287, 8446, 8460, 8523, 8606–8607, 8632, 8638–8639, 8701, 8810, 8883, 8909, 8937, 9011, 9043, 9048, 9054, 9057, 9086, 9093, 9095, 9134, 9188–9189, 9191, 9239–9240, 9260, 9291, 9316, 9318, 9336–9337, 9346, 9362, 9396, 9425, 9444, 9453, 9523, 9531, 9581, 9625, 9647–9648, 9703, 9710, 9749, 9807–9808, 9811, 9823, 9825, 9851, 9912, 9954–9956, 9963, 9987, 10039, 10045, 10148, 10151, 10161, 10185, 10247, 10285, 10393
MICE, INBRED A: 1394, 6935
MICE, INBRED AKR: 4551
MICE, INBRED BALB C: 688, 1252, 1356, 1408, 2462, 4376, 4763, 5185, 5917, 7307, 9581, 9648
MICE, INBRED CBA: 338, 688, 877, 1757, 2427, 2478, 2552, 2570, 5007, 5337–5338, 6716, 7960, 8286, 8937, 9749
MICE, INBRED C3H: 581, 1199, 1411, 2462, 2496, 3263, 4361, 4439, 5185, 5683, 6687, 6770, 7135, 8446, 8937
MICE, INBRED C57BL: 903, 1356, 1476, 2427, 2462, 2570, 3847, 4361, 5169, 6687, 7263–7264, 8446, 9239, 9337, 9703, 9749, 9955, 10045
MICE, INBRED DBA: 7135, 8285, 10045
MICE, INBRED ICR: 6526, 7763, 8606
MICE, INBRED STRAINS: 160, 189, 1789, 1931, 2485, 3539, 3962, 4542, 5007, 5054, 5518, 6688, 7127, 7272, 7308, 7543, 9011, 9191, 9710, 9811, 9956, 9987
MICE, NUDE: 688, 2462, 4439, 8268, 9647, 9703

MICE, OBESE: 10148
MICELLES: 7905, 9175, 10379
MICONAZOLE: 5910, 10109, 10375
MICROBIAL SENSITIVITY TESTS: 516, 2966, 6874
MICROCEPHALY: 9450
MICROCHEMISTRY: 1354, 1705, 2121, 2413, 2418, 2709, 2900, 3123, 3916, 4349, 4653, 5378, 6323, 6865, 7977, 8102, 8254, 8539, 8827, 8842, 10266
MICROCIRCULATION: 84, 534, 751, 823–824, 831, 1122, 1588, 2323, 2354, 2800, 2880–2881, 3019, 3298–3299, 3651, 4203, 4582, 4689, 4715, 4967, 5155, 5276, 5515, 5736, 5783, 6144, 6475, 6794, 6955, 6995, 7054, 7071, 7248, 7447, 7453, 7508, 7762–7763, 7906, 8090, 8124, 8130, 8180, 8313, 8449, 8459, 8546, 8624, 8663, 9226, 9398, 9590, 9675, 9733
MICROCOCCACEAE: 10180
MICROCOCCAL NUCLEASE: 937, 1296, 1971, 9054–9055, 9953, 10180
MICROCOCCUS: 1420, 2129, 2566, 4114, 6846, 9210
MICROFILAMENTS: 654, 2383, 3790, 6912, 7138
MICROMANIPULATION: 1293, 3666, 4142, 9672
MICROMONOSPORA: 6589
MICROPORE FILTERS: 2609, 4063, 5751, 9669
MICROSCOPY: 946, 7081, 9675
MICROSCOPY, ELECTRON: 24, 58, 160, 248, 454, 507, 544, 662, 687, 707, 905, 945, 961, 964, 1147, 1187, 1273, 1301, 1439, 1441, 1493, 1511, 1791, 1813, 1895, 2332, 2334, 2566–2567, 3014, 3062, 3083, 3306, 3673, 3828, 3860, 3862, 3970, 4124, 4160, 4172, 4343, 4427, 4441, 4494, 4512, 4893, 4950, 5203, 5413, 5599, 5603, 6012, 6102, 6116, 6126, 6443, 6476, 6587, 6640, 6756, 7030, 7156, 7226, 7228, 7348, 7369, 7478, 7654, 7673, 8050, 8103, 8294, 8429, 8431, 8579, 8720, 8808, 9107, 9137, 9168–9169, 9279, 9301, 9481, 9520, 9812, 9826, 9843, 9939, 9953, 10244
MICROSCOPY, ELECTRON, SCANNING: 534, 873, 947, 1595, 1964, 1992, 1995, 2086, 2334, 2513, 2567, 2692, 2823, 3258, 3482–3484, 3742, 3781, 4154, 4399, 4441, 4588–4589, 4893, 5029, 5237, 5414–5415, 5480, 5599, 5806, 5926, 5928, 6012, 6254, 6572, 6710, 7545, 7758, 7963, 8250, 8370, 8557, 8987, 9732, 9812, 9846, 9936
MICROSCOPY, FLUORESCENCE: 2461, 3306, 5571, 5989–5990, 6869, 8419
MICROSCOPY, INTERFERENCE: 8072
MICROSCOPY, PHASE CONTRAST: 945, 1511, 2128, 2834, 4201, 5405, 5749
MICROSOMES: 96, 364, 819, 1331, 1512, 1635, 2009, 2325, 2982, 3293, 3472, 3699, 3842, 3891–3893, 3962, 4091, 4310, 4467, 4894, 5036, 5053, 5065, 5279, 6172, 6270, 6272, 6299, 6868, 7272, 7694–7695, 8276, 8943, 9794, 10166
MICROSOMES, LIVER: 96, 287, 667, 898, 922, 1132, 1266, 2555–2556, 2620, 3341, 3699, 3763, 3889, 4006, 4091, 4125, 4176, 4358, 4393, 4639, 4971, 5053, 5152, 5256, 5293, 7101, 7269–7272, 7519, 7609, 8823, 8920, 8968, 9194, 9300, 9583, 9971, 10126, 10137
MICROSPHERES: 1197, 2101, 2330, 3128, 3631, 3766, 3890, 3926, 5015, 5979, 6995, 9011, 9283
MICROSPORUM: 9058
MICROSURGERY: 830–831, 1244, 2040, 3405, 5174, 6120, 6987, 9064
MICROTUBULES: 1147, 1310, 1455, 1823, 1956, 2123, 2383, 2867, 3743, 3790, 4124, 4126, 5032, 5558, 7138, 9481, 9839, 10191
MICROWAVES: 1664, 6753, 9544
MIDDLE AGE
MIDODRIN: 4704
MIGRAINE: 808, 1164, 1333, 1906, 1913, 2311, 3182, 4466, 7973, 8730, 9209
MIGRATION INHIBITORY FACTOR: 696–698, 1011, 1680, 2437, 2751, 3020, 3912, 4615, 5794, 7195, 7342, 7345, 7699, 7864, 8509, 8544, 8817
MILITARY MEDICINE: 2056, 4200, 8376, 8996
MILK: 52, 431, 704, 762, 2414, 2701, 3156, 3244, 3574, 3602, 4206, 4227, 4732–4733, 4819, 6083, 6333, 6841–6842, 7013, 7065, 7895, 8247, 8249, 8831, 9147, 9346
MILK, HUMAN: 441, 3304, 3807, 4463, 6840, 6843, 6889, 10111
MILK PROTEINS: 1816, 3762, 5373, 8118, 8138, 9981
MINERAL OIL: 9004
MINERALOCORTICOIDS, SYNTHETIC: 4119
MINERALS: 666, 1778, 4219
MINIMAL BRAIN DYSFUNCTION: 8730
MINING: 9636
MINK: 3958, 4902, 10263
MINOXIDIL: 7183
MINUTE VIRUS OF MICE: 1659, 9103
MITHRAMYCIN: 1411
MITOCHONDRIA: 58, 451, 454, 485, 1331, 2363, 2740, 3181, 3547, 3575, 3603, 4467, 4709, 5643–5644, 5788, 6912, 7478, 8607, 9473, 9570
MITOCHONDRIA, LIVER: 903, 1544, 1789, 2982, 3430, 3529, 4435, 5003, 5788, 6742, 7011, 7821, 9134, 9282, 9680, 9730
MITOCHONDRIA, MUSCLE: 485, 1789, 3670, 4554, 4673, 5333–5334, 5975, 6636, 6863, 10124
MITOCHONDRIAL SWELLING: 1789
MITOGENS: 365, 698, 864–865, 1413, 2313, 2462, 3212, 3314, 3973, 4439, 4671, 5629, 6571, 7455, 7699, 7773, 7775, 8701, 9170, 9671, 9956, 10394
MITOGUAZONE: 9774
MITOMYCIN: 455, 1956, 2731, 4143, 4583, 5251, 5629, 7008
MITOSIS: 17, 340, 723, 917, 1284, 1309, 2123, 2312, 2344, 2851, 2867, 3126, 3265, 3578, 3743, 4145, 4740, 4954, 5336, 5619, 5636, 6753, 7268, 8058, 8912, 9581, 10244
MITOTANE: 9539
MITOTIC INDEX: 4879, 6769–6770
MITRAL VALVE: 14, 218, 882, 1489, 1641, 1697, 1842, 1907, 1918, 2202, 2256, 2271, 2431, 2487, 2489, 2563, 2728, 3007, 3464, 3510, 3606, 4109, 4155, 4170, 4559, 4927, 5356, 5460, 5509, 5916, 5988, 6312, 6677, 6922–6923, 6938, 7309, 7408, 7527, 7678, 7788, 7931–7932, 8117, 8596, 8746, 8751, 8821, 9355, 10199, 10287, 10374
MITRAL VALVE INSUFFICIENCY: 1268, 1832, 2765, 3007, 5509, 5916, 6676, 6730, 7007, 7637, 7643, 7916, 7931, 8288, 8662, 9355
MITRAL VALVE STENOSIS: 611, 1268, 1774, 1918, 2323, 2727, 2841, 4559, 4911, 5465, 5509, 5916, 6676, 6882, 7007, 7309, 7643, 9885
MIXED FUNCTION OXIDASES: 7011, 7271–7272
MIXED SALIVARY GLAND TUMOR: 7495
MMPI: 6452
MNSS BLOOD-GROUP SYSTEM: 722, 1892, 7890
MODELS, BIOLOGICAL: 1, 80, 275, 395, 693, 711, 757, 812, 887, 897, 1000, 1065, 1285, 1393, 1438, 1449, 1510, 1568, 1595, 1637, 1665, 1670, 1711, 1757, 1784, 1875, 1905, 1991, 2045, 2108, 2171, 2312, 2338, 2359, 2383, 2463, 2473, 2481, 2581, 2948, 3068, 3096, 3145, 3293, 3426, 3464, 3517, 3774, 3983–3984, 4074, 4221, 4245, 4270, 4367, 4425, 4519, 4609, 4646, 4926, 4972, 5124, 5190, 5292, 5381–5382, 5667, 5913–5914, 6042, 6162, 6308, 6444, 6601, 6782, 6842, 6930, 7156, 7242, 7314, 7332, 7402, 7404, 7550–7551, 7655, 7712, 7790, 7824, 7853, 7878, 7938, 7961, 7967, 8001, 8025, 8250, 8277, 8310, 8349, 8362, 8458, 8626, 8710, 8745, 8748, 8892, 8969, 9065, 9150, 9172, 9227, 9300, 9390, 9444, 9547, 9582, 9658, 9660, 9733, 9849, 9946, 10031, 10096, 10262
MODELS, CHEMICAL: 1643, 3822, 4883, 5225, 7609, 7638, 7703, 8427, 9081–9082, 9136, 9404, 9491, 9759, 10012
MODELS, NEUROLOGICAL: 7139
MODELS, STRUCTURAL: 462, 2573, 3616, 4065, 4640, 8908
MODELS, THEORETICAL: 935, 1251, 2921, 7823
MOLAR: 5550, 6119
MOLECULAR CONFORMATION: 202, 309, 314, 361–362, 547, 691, 802, 2003, 2126, 2147, 2465, 2842, 2915, 3879, 3976, 4065, 4168, 4171, 4638, 4754, 5472, 5805, 5823, 6113, 6313, 6577, 6947, 6989, 7069, 7113, 7269, 7457, 7501, 7585, 8607, 8838, 8958, 9300, 9390, 9814, 10158
MOLECULAR MODELS: 202, 314, 361–362, 866, 940, 1529, 2318, 4024–4025, 4264–4265, 4432, 4924, 5663, 8721, 8873, 10057, 10076
MOLECULAR WEIGHT: 7, 22, 25, 49, 55, 61, 69, 79, 88, 97–99, 134, 141, 184, 210, 258, 269, 277, 285, 293, 339, 354, 374, 376, 388, 422, 429, 445, 489–490, 492–493, 495, 525, 546, 599, 632, 661, 691, 701, 708, 739, 822, 856–859, 861, 863, 877, 915, 922, 925, 928, 937, 1001, 1048, 1162, 1170, 1172, 1250, 1257, 1262, 1293, 1296, 1310, 1348, 1391, 1424, 1430, 1435, 1444, 1449–1451, 1464, 1471–1472, 1507, 1510, 1519, 1542, 1573, 1587, 1604, 1609, 1674, 1682, 1694, 1698, 1708, 1721–1722, 1760, 1770, 1816, 1823, 1864, 1887, 1903, 1917, 1943, 1947, 1949, 1966, 2060, 2138, 2144, 2146–2147, 2179, 2183, 2191, 2219, 2222, 2246–2248, 2254, 2267, 2272, 2293, 2340, 2352, 2368, 2447, 2449, 2485, 2492, 2501, 2530, 2596, 2610, 2627, 2632, 2649, 2773, 2785, 2792, 2805, 2814, 2828–2830, 2844–2846, 2879, 2885–2886, 2889, 2891–2892, 2909–2911, 2915, 2988–2989, 3000, 3003, 3015, 3021, 3026, 3075, 3108, 3232, 3249, 3255, 3267, 3273, 3304, 3336, 3340, 3368, 3374, 3376, 3378, 3397–3398, 3419, 3439, 3480, 3494, 3532, 3547–3548, 3590, 3623, 3635, 3681, 3684–3685, 3688, 3711, 3724, 3825, 3871, 3909, 3919, 3922–3923, 3941, 3946, 3967, 3976–3977, 3994, 4001–4002, 4052, 4066, 4110, 4116, 4124, 4141, 4156, 4171, 4206, 4211–4212, 4221, 4227, 4241, 4251, 4261, 4294, 4302, 4334, 4338, 4352, 4355, 4357, 4359, 4378, 4414, 4416, 4435, 4492, 4503, 4512, 4518, 4545, 4548, 4555, 4558, 4564, 4605, 4640, 4649, 4737, 4750–4751, 4763, 4788, 4796, 4821, 4861, 4942, 5036, 5086, 5145, 5187, 5221, 5244, 5253, 5267, 5292, 5308, 5317, 5355, 5358, 5368, 5401, 5420, 5427, 5439, 5473, 5493, 5496–5497, 5510, 5551–5552, 5554, 5569, 5581, 5583, 5608, 5612–5613, 5623, 5680, 5716, 5732, 5779–5780, 5811–5812, 5826, 5837–5838, 5876, 5890, 5897, 5982, 5998, 6000, 6035, 6052–6053, 6064, 6079, 6150,

6161, 6234, 6237, 6244, 6246, 6249, 6253, 6295–6296, 6306, 6313, 6321, 6327, 6329, 6334–6335, 6337, 6369, 6386, 6403–6404, 6427, 6432, 6435, 6460, 6479, 6528, 6531, 6589, 6606, 6610, 6636, 6643, 6646, 6650, 6669–6670, 6672, 6674, 6709, 6720, 6732, 6758, 6789, 6802–6803, 6807, 6809, 6812–6813, 6827, 6891, 6916, 6925, 6931, 6946, 6972–6973, 6999, 7050, 7065, 7073, 7077, 7083, 7101–7102, 7127, 7140, 7167–7169, 7180, 7223, 7226, 7254, 7262, 7265, 7283, 7304, 7312, 7318, 7342, 7345, 7364, 7373, 7397, 7401, 7430, 7444, 7457, 7464, 7476, 7488, 7497, 7501, 7531, 7585–7586, 7599, 7611, 7626, 7772, 7796, 7806, 7820, 7842, 7892, 7901, 7908–7909, 7966, 7984, 8000, 8033, 8075, 8089, 8112, 8121, 8141, 8181, 8262, 8304, 8321, 8339, 8391, 8395, 8429–8430, 8433, 8447, 8454, 8490, 8504, 8522, 8524, 8534, 8542, 8592, 8611, 8619, 8635, 8643–8644, 8664, 8679, 8693, 8701, 8719, 8781, 8800, 8802, 8804, 8824, 8827, 8866, 8883, 8897–8898, 8909, 8915–8916, 8921, 8929, 8939, 8945, 8953, 8997, 9015, 9026, 9113, 9115, 9125–9126, 9197, 9250, 9256, 9299, 9313, 9328, 9341–9342, 9348, 9352, 9372, 9416, 9448, 9455, 9458, 9480–9481, 9520, 9529–9530, 9542, 9554, 9562, 9582, 9586, 9642, 9649, 9668, 9713, 9743–9744, 9779, 9813, 9841, 9852, 9891, 9903–9904, 9916, 9938, 9969, 9990–9991, 10011, 10032–10033, 10046, 10050, 10057, 10099, 10108, 10111, 10132, 10134, 10156, 10167, 10184, 10187–10188

MOLLUSCA: 995, 1318, 2160, 4261, 5873, 6078, 9341, 10247

MOLLUSCUM CONTAGIOSUM: 4233

MOLONEY VIRUS: 2418, 4636, 6750

MOLYBDENUM: 399, 4359

MONENSIN: 2583

MONILIALES: 4485, 6971, 8801–8802

MONILIASIS: 187, 1326, 2080, 2966, 3983, 6058, 6665, 7303, 7788, 8079

MONILIASIS, CUTANEOUS: 7926

MONILIASIS, ORAL: 7926

MONITORING SYSTEMS: 408, 645, 774, 2572, 2658, 2692, 2818, 3692, 4645, 8956

MONKEY DISEASES: 5530

MONKEYS: 47, 258, 306–307, 755, 1186, 1210, 1382, 1497, 1956, 2359, 2692, 2848, 2914, 2993, 3029, 3151, 3579, 3629, 3927, 3942, 3976–3977, 4242, 4703, 4933, 4998, 5078, 5450, 5467, 5530, 5579, 5679, 5968, 6140, 6370, 7183, 7331, 7478, 7490, 7523, 7716, 7774, 7832, 8001, 8052–8053, 8477, 8643–8644, 8978, 9057, 9527, 9626, 9808, 10017–10018, 10178, 10265, 10393

MONOACYLGLYCEROL LIPASES: 3614, 4277, 8779

MONOAMINE OXIDASE: 255, 435, 485, 633, 640, 676, 778, 808, 1071, 1191, 1246–1248, 1266, 1333, 1381, 1544, 1686, 2218, 2578, 2587–2588, 3008, 3038, 3181–3182, 4391, 4408, 4541, 5153–5154, 5178, 5286, 5921, 6449–6452, 6705, 6934, 7407, 7475, 7523, 7683, 7973, 8085, 8378, 8629, 8685, 8823, 8930, 8932, 9035, 9037–9039, 9417, 9695, 9919, 9937, 10013, 10240

MONOAMINE OXIDASE INHIBITORS: 2197, 2218, 3181, 3611, 3959, 4091, 7683, 8932, 9526, 9759

MONOCYTES: 1146, 1226, 1756, 1996, 2369, 2464, 2622, 3302, 3772, 3790, 3860, 3862, 4431, 4478, 5591, 5902, 6185, 6445, 7118, 7323, 8704, 8886, 9964, 10297, 10303

MONOSACCHARIDES: 2309, 7909, 7936, 9773

MORAXELLA: 5251, 7971

MORPHINANS: 19, 8607

MORPHINE: 1664, 3030, 4153, 4246, 6823, 8282

MORPHINE ADDICTION: 3030

MORPHINE DERIVATIVES: 5425, 9194

MORPHOGENESIS: 3014, 5558, 6527, 6971, 8362, 8804

MORPHOLINES: 5454, 6416, 7736

MORTALITY: 5593

MOSAIC VIRUSES: 1719, 9492

MOSAICISM: 382, 1911, 7076

MOTHS: 423, 3098, 4548, 7804, 8481

MOTION: 5663

MOTIVATION: 9888

MOTOR ACTIVITY: 630, 954, 1258, 4136, 6216, 6281, 7707, 9260, 9396

MOTOR ENDPLATE: 5964, 7257

MOTOR NEURONS: 2124, 2767, 3010

MOTOR SKILLS: 4237

MOUNTAINEERING: 2715

MOUSE LEUKEMIA VIRUSES: 6750, 6799

MOUTH: 2519–2520, 2520, 3166, 4163, 5111, 9525

MOUTH DISEASES: 1926, 4688, 5111, 6874

MOUTH, EDENTULOUS: 2532

MOUTH FLOOR: 1513

MOUTH MUCOSA: 1926, 2014, 6874, 8431, 8462, 9057

MOUTH NEOPLASMS: 760, 1301, 1513, 3197, 3367, 4626, 5307, 6874, 7399, 7539, 8462

MOVEMENT: 2902, 3086, 4142, 8869, 8993

MOVEMENT DISORDERS: 1031, 1176, 2175, 4909

MSH: 1097, 9315

MSH RELEASE INHIBITING HORMONE: 3402, 5901

MUCIN: 3593, 3854, 7936, 9955, 10369

MUCOCELE: 6715, 9495, 9719, 9887

MUCOPOLYSACCHARIDES: 314, 370, 1880, 1895, 1920, 2148, 2171, 3308, 3911, 4282, 4762, 4784, 5026, 5167, 5269, 5472, 5486, 6014, 6223, 6284, 6523, 6831, 7812, 7896, 7984–7985, 8042, 8164, 8366

MUCOPOLYSACCHARIDOSIS: 7808

MUCOPOLYSACCHARIDOSIS 6: 3291

MUCOPROTEINS: 4906, 6387

MUCOR: 1400, 2414, 7614, 7841–7842, 9029

MUCORALES: 290, 2322

MUCORMYCOSIS: 1400, 5097

MUCOUS MEMBRANE: 687, 5665, 7404, 8137, 9125–9126

MUCUS: 1110, 2160, 3023, 7404, 8137

MUD THERAPY: 4641

MULTIENZYME COMPLEXES: 1949, 2803, 2911, 3224, 5623, 6361, 6777, 7050, 7430, 9049, 10108

MULTIPHASIC SCREENING: 7596

MULTIPLE MYELOMA: 60, 128, 393, 1646, 2106, 2196, 2289, 2540, 4123, 4768, 5505, 5666, 5691, 5730, 6113, 6130, 6425, 7015, 7289, 7784, 7799, 8306, 8667, 9231, 10080, 10229, 10343

MULTIPLE SCLEROSIS: 1873, 6706, 7625, 8300

MUMPS VIRUS: 7013, 7992

MURAMIC ACIDS: 2458, 8107

MURAMIDASE: 32, 153–154, 437, 441, 498, 1217, 1784, 2209, 2462, 2612, 3175, 4137, 4143, 4154, 4239, 4695, 4735, 5091, 5187, 5218, 5301, 5793, 5805, 6360, 6763, 6846, 6853, 7827, 8068, 8294, 8710, 9033, 9084, 9156, 9210, 9249, 9366, 9541, 9568, 9926, 9945, 10118, 10280

MUSCLE CONTRACTION: 1276, 1278, 1389, 2325, 2430, 2486, 3806, 3842, 4263, 5027, 5065, 6270, 6273, 6649, 6802, 7139, 7299, 7491, 7668, 8150, 8959, 8990, 10077

MUSCLE DENERVATION: 1855, 5964

MUSCLE PROTEINS: 1274, 1391, 1604, 1681, 1715, 2191, 2245–2246, 3052, 3670, 3941, 6034, 6258, 6464, 7072–7074, 7520, 7742, 9160, 9514, 10124

MUSCLE RELAXANTS, CENTRAL: 5960

MUSCLE RELAXATION: 5953

MUSCLE RELAXING FACTOR: 10351

MUSCLE, SMOOTH: 49, 160, 202, 604, 654, 816, 1309, 1665–1666, 1974, 2136, 2325, 2377, 2430, 2533, 2902, 3286, 3306, 3739, 3911, 3935, 3957, 4263, 5027, 5764, 5806, 5999, 6037, 6272–6273, 6649, 6802, 7067, 7139, 7237, 7415, 7538, 7544, 7668, 7773–7775, 8852, 8990, 9843, 9989, 10351

MUSCLE TONUS: 4704

MUSCLES: 38, 343, 502, 871, 954–955, 1128, 1153, 1167, 1274–1275, 1389, 1391, 1492, 1663, 1681, 1694, 1822, 1855, 1897, 1936, 1963, 2141, 2151–2152, 2157–2158, 2191, 2245, 2441, 2722, 3099, 3157, 3273, 3402, 3517, 3575, 3677, 3689, 3726, 3806, 3941, 4261, 4343, 4384, 4511–4512, 4564, 4661, 4779, 5112, 5172, 5345–5346, 5475, 5608, 5964, 5991, 6034, 6211, 6402, 6475, 6655, 6720, 6724, 6839, 7053, 7072–7074, 7202, 7208, 7249, 7300, 7491, 7742, 7832, 8054, 8188, 8208, 8218, 8429, 8515, 8522, 8534, 8685, 8926, 9072, 9116, 9160, 9490, 9552, 9701, 9708, 10124, 10135, 10299

MUSCULAR ATROPHY: 2730, 6032

MUSCULAR DISEASES: 3194, 3584, 4444, 4819, 4903, 5018, 5171, 5703, 5744, 6034, 7010, 7148, 7889, 9859

MUSCULAR DYSTROPHY: 2862, 4511, 4873, 5607, 6034, 8730, 9660

MUSCULOSKELETAL SYSTEM: 4236

MUSHROOM POISONING: 774, 4931, 8197

MUSHROOMS: 4560

MUSIC: 8084

MUSSELS: 5558

MUTAGENS: 1, 334, 693, 4709, 4760, 7222, 7705, 8094–8095, 8238, 8275

MUTATION: 189, 283, 676, 693, 862, 876, 1056, 1148, 1476, 1499, 1551, 1818, 1904, 2186–2187, 2352, 2495, 3033, 3478, 3840, 3887, 4288, 4369, 4390, 4709, 4757, 5874, 6163, 6184, 6259, 6355, 6515, 6707, 6796, 6853, 7066, 7593, 7616, 7745, 8094–8095, 8220, 8238, 8453–8454, 8531, 8787, 8804, 9660, 10022

MYASTHENIA GRAVIS: 919, 1692, 4827, 7219, 7562, 8276

MYCOBACTERIUM: 1598, 3175, 4708, 7660, 9384

MYCOBACTERIUM BOVIS: 7331, 8625, 10045

MYCOBACTERIUM LEPRAE: 2436, 4560

MYCOBACTERIUM LEPRAEMURIUM: 4560

MYCOBACTERIUM PHLEI: 7660, 9384

MYCOBACTERIUM TUBERCULOSIS: 2495

MYCOPLASMA: 4399, 4448

MYCOPLASMA INFECTIONS: 2236

MYCOPLASMA MYCOIDES: 4448

MYCOSES: 911, 3705, 4044, 4809, 6445, 7969, 8711, 10375

MYCOSIS FUNGOIDES: 4054, 9048

MYCOTOXINS: 2322, 3585, 8768

MYELIN PROTEINS: 486, 1873, 4379

MYELIN SHEATH: 486, 1873, 6693, 6706, 8534

MYELITIS: 6825
MYELOBLASTOSIS VIRUS, AVIAN: 714, 9348, 9582
MYELOFIBROSIS: 775, 1302, 4069, 5100, 5223, 7147, 9169
MYELOGRAPHY: 345, 1835, 3284, 3775, 3975, 4631, 5118, 5457
MYELOID METAPLASIA: 2010, 3729, 4069, 8185, 8501
MYELOMA PROTEINS: 1608, 2625, 3058, 3256–3257, 4308, 4917, 5842, 6113, 6131, 7289, 7310–7311, 7765, 7784, 7786, 7799, 9807, 9921
MYELOPEROXIDASE: 6763, 8710
MYELOPROLIFERATIVE DISORDERS: 78, 1058, 1302, 2046, 3371, 4058, 4069, 4602, 5223, 6124, 6166, 6425, 8036, 8501, 8551, 9169
MYIASIS: 3119
MYOBLASTOMA: 687, 5750
MYOCARDIAL CONTRACTION: 143, 1257, 1534, 2323, 2831, 3550, 3806, 4102, 4554, 5279, 5421, 6015, 6410, 6596, 6836, 7007, 7678, 8382, 8473, 8696, 9270, 9330
MYOCARDIAL DEPRESSANT FACTOR: 1954, 6794
MYOCARDIAL DISEASES, PRIMARY: 185, 502, 4471, 5546, 6148, 6882, 7530, 7724, 9228
MYOCARDIAL DISEASES, SECONDARY: 342, 10080
MYOCARDIAL INFARCT: 13, 120, 129, 140, 226–227, 229, 235, 267, 286, 315, 323, 328, 344, 403, 524, 551, 583, 628, 684, 910, 978, 983, 1043, 1052, 1054, 1129, 1189, 1251, 1268, 1271, 1533–1534, 1540, 1633, 1831, 1932, 2034, 2316, 2396, 2431, 2446, 2562, 2617–2618, 2693, 2695, 2746, 2770, 2779, 2802, 2815, 2850, 2868–2870, 2880, 2931, 2934, 3060, 3072–3073, 3101, 3118, 3149, 3227, 3433, 3500, 3540, 3576, 3713, 3890, 3894–3895, 4255, 4257, 4388, 4415, 4455, 4463, 4586, 4680, 4878, 5071, 5080, 5177, 5216, 5220, 5248, 5431, 5453, 5546, 5557, 5628, 5661, 5664, 5772, 5800, 5885, 6010, 6015, 6188, 6245, 6348, 6387, 6410, 6493, 6581, 6596, 6681, 6683, 6828, 6838, 6995, 7007, 7109, 7189, 7239, 7288, 7321, 7359, 7447, 7492, 7508, 7530, 7556, 7572, 7574, 7621, 7671, 7679, 7718, 7734, 7778, 7854, 7857, 7982, 8050, 8222, 8252, 8325, 8352, 8375, 8407, 8424, 8500, 8841, 8859, 8918, 8992, 9148, 9164, 9277, 9373, 9462, 9477, 9497, 9543, 9561, 9601, 9677, 9704, 9711, 9780, 9784, 9804, 9901–9902, 10020, 10081, 10183, 10197, 10228, 10330, 10358, 10363, 10374
MYOCARDIAL REVASCULARIZATION: 327, 1827, 2725, 3288, 4684, 6836, 7653
MYOCARDITIS: 4398, 4692, 5605, 8950–8951, 10391
MYOCARDIUM: 38, 185, 428, 485, 502, 507, 565, 584, 899, 1043, 1492–1493, 1534, 1539, 1625, 1698, 1767, 1777, 1789, 1885, 2013, 2027, 2112, 2224, 2396, 2423, 2441, 2562, 2602, 2617–2618, 2630, 2700, 2721, 2746, 2831, 3127, 3157, 3212, 3550, 3616, 3638, 3670, 3789, 3927, 4008, 4091, 4162, 4269, 4426, 4471, 4508, 4531, 4554, 4692, 4933, 5263, 5279, 5334, 5345–5346, 5475, 5546, 5565, 5579, 5788, 5808, 5975, 6111, 6148, 6278, 6387, 6395, 6433, 6624, 6636, 6785, 6863, 7285, 7374, 7520, 7725, 7852–7853, 7959, 8005, 8050, 8167, 8188, 8203, 8218, 8288, 8325, 8360, 8518, 8534, 8580, 8696, 8761, 8777, 8926, 8951, 9072, 9330, 9361, 9514, 9715, 9726, 9730, 9779, 9988–9989, 10015, 10099, 10199
MYOCLONUS: 381, 6862
MYOFIBRILS: 654, 1274, 2141, 2245, 3957, 4261, 4554, 5975, 6034, 6785, 7520, 8959
MYOGLOBIN: 995, 1936, 2651, 5326, 8925
MYOGLOBINURIA: 2432, 4632, 4903, 8398
MYOMA: 6447, 7007, 8874
MYOMETRIUM: 1682, 4619, 8679, 9027
MYOSIN: 49, 654, 1000, 1963, 2141, 2245, 2851, 3663, 4225, 4261, 4514, 4988, 5608, 5810, 5991, 5999, 6295, 6402–6403, 6785, 7418, 7520, 8218, 8429, 8579, 8959, 9116, 9852, 10099, 10102, 10124, 10280
MYOSITIS: 1692, 3843, 5656, 6683, 9952
MYOSITIS OSSIFICANS: 4377, 6263
MYOTONIA ATROPHICA: 464
MYRINGOPLASTY: 2531
MYRISTIC ACIDS: 9541
MYXEDEMA: 4662, 10175
MYXOBACTERALES: 1857, 7759
MYXOMA: 1774, 1927, 2034, 6447, 7931, 8145, 9579
MYXOMYCETES: 961, 1519, 6707–6708
MYXOSARCOMA: 402

N

NAD: 41, 1540, 1789, 1919, 2643, 2843, 3053, 3934, 5370, 6863, 8538, 8920, 9564, 9627, 9860
NAD NUCLEOSIDASE: 4852, 9417
NADH, NADPH OXIDOREDUCTASES: 707, 872, 1919, 5805, 6863, 8405, 8920, 9564
NADP: 287, 1148, 1540, 2843, 4112, 5036, 5196, 6863, 9491, 9860
NADPH CYTOCHROME C REDUCTASE: 3889, 4358, 5036, 5256, 7272, 7519, 8036
NAFRONYL: 1518, 2954, 5731, 10059, 10333
NAILS: 504, 6151
NAILS, INGROWN: 504
NAILS, MALFORMED: 504, 3291
NALIDIXIC ACID: 3564
NALOXONE: 3092, 6175, 8607
NANDROLONE: 721, 5797
NAPHTHALENEACETIC ACIDS: 10092
NAPHTHALENES: 853, 4390, 4709, 4796, 6144, 8199, 9545
NAPHTHALENESULFONATES: 101
NAPHTHOL AS D ESTERASE: 6527, 8107
NAPHTHOLS: 1230
NAPHTHOQUINONES: 1361, 1789, 3206, 3418, 7659, 8199
2-NAPHTHYLAMINE: 1647, 4545
NAPROXEN: 5021, 6357, 7733, 10092
NARCOTICS: 1664, 2214, 4246, 5013, 7772, 8283, 8606
NASAL BONE: 5004, 5930
NASAL MUCOSA: 1490
NASAL POLYPS: 23
NASAL SEPTUM: 8319, 10208
NASOPHARYNGEAL DISEASES: 4895
NASOPHARYNGEAL NEOPLASMS: 2696, 4895, 5024, 7179
NASOPHARYNX: 4895
NATRIURESIS: 2481, 3130, 6181, 6566, 8466
NATURAL DISASTERS: 7468
NAUSEA: 1473, 5317, 5674, 6665, 9871, 9994
NBD CHLORIDE: 5306, 8435
NECK: 615, 2659, 3251, 3260, 5018, 6724, 6864, 7353, 7421, 7436, 8432, 8461
NECROBIOSIS LIPOIDICA: 7594, 9409
NECROSIS: 434, 466, 507, 687, 723, 735, 870, 987, 1012, 1112, 1308, 1400, 1440, 1447, 2087–2088, 2168, 2576, 2590, 2602, 2750, 3562, 3588, 3936, 3982, 4130, 4499, 5212, 5219, 5254, 5338, 5450, 5694, 5701, 5703, 5806, 6433, 6641, 6868, 7088, 7542, 7674, 7917, 8153, 8163, 8180, 8461, 8488, 8680, 8741, 9192, 9398, 9654, 9810, 9894, 10052
NEEDLES: 64, 1312, 2600, 5792, 10051
NEGROID RACE: 1207, 2522, 3239, 3253, 3380, 5404, 6752, 9298
NEISSERIA: 5947
NEISSERIA GONORRHOEAE: 876, 5251, 7250, 7768, 8480, 8993
NEISSERIA MENINGITIDIS: 740, 2111–2112, 7647
NEOCARZINOSTATIN: 5317, 9951
NEODYMIUM: 1939
NEOMYCIN: 6961
NEON: 9593, 9596
NEOPLASM CIRCULATING CELLS: 2051, 2991, 2994, 4203, 8410, 8912, 9192, 9811, 9874
NEOPLASM INVASIVENESS: 8912, 9874
NEOPLASM METASTASIS: 68–69, 353, 355, 371, 470, 634, 758, 781, 1013, 1076, 1102, 1411, 1467, 1692, 1868, 1878, 1882, 1934, 1948, 2047, 2051, 2107, 2161, 2252, 2419, 2518, 2562, 2637, 2673, 2742, 2979, 2991, 2994, 3037, 3088, 3427, 3642, 3782, 3799, 3845–3847, 4071, 4147, 4203, 4289, 4616, 4902, 5056, 5354, 5366, 5397, 5436, 5889, 5922, 5929, 6062, 6266, 6391, 6672, 7245, 7263–7264, 7372, 7413, 7426, 7555, 7689, 7721, 7834, 8055, 8234, 8268, 8410, 8419–8420, 8498, 8669, 8706, 8754, 8822, 8851, 8874, 8912, 8998, 9166, 9188, 9190, 9215, 9221, 9285, 9327, 9350, 9581, 9719, 9811, 9854, 9874, 9887, 9976, 9986, 10369
NEOPLASM PROTEINS: 1789, 2895, 6881, 7277, 7794, 7987, 9154
NEOPLASM RECURRENCE, LOCAL: 1814, 2673, 3037, 7245, 8191, 9327, 9877
NEOPLASM REGRESSION, SPONTANEOUS: 586, 4429, 9192, 10052
NEOPLASM SEEDING: 1232, 1733, 8410, 8912, 9579
NEOPLASM TRANSPLANTATION: 68, 1011, 1411, 1428, 1879, 2994, 3539, 3566, 3847, 4879, 5403, 6687, 7264, 8268, 8912, 9190
NEOPLASMS: 78, 127, 254, 348, 478, 504, 568, 693, 758, 781, 1124, 1201–1202, 1213, 1216, 1339, 1395, 1687, 1757, 1804, 1812, 1846, 2077, 2178, 2264, 2281, 2562, 2635, 2691, 2742, 2782, 2872, 2933, 2991, 3028, 3254, 3367, 3377, 3538, 3540, 3845–3846, 3848, 3926, 4069, 4123, 4213, 4306, 4423, 4664, 4714, 4931, 5226, 5307, 5317, 5493, 5578, 5610, 5836, 6348, 6495, 6573, 6661, 6687, 7010, 7178, 7181, 7299, 7349, 7371–7372, 7390, 7413, 7556, 7689, 7795, 7825, 7884, 8165, 8225, 8660, 8669, 8706, 8835, 8874, 9144, 9192, 9201, 9223, 9233, 9382, 9774, 9806, 9811, 9871, 9885, 9943, 10104, 10110, 10256, 10282, 10368
NEOPLASMS, EMBRYONAL AND MIXED: 8498, 9610
NEOPLASMS, EXPERIMENTAL: 47, 68, 248, 402, 619, 688, 794, 813, 815, 1011, 1259, 1428, 1460, 1540, 1690, 1695, 1879, 2363, 2682, 2979–2981, 3556, 3831, 3845–3847, 3878, 4143, 4203, 4653, 4902, 4956, 5056, 5317, 5403, 5454–5455, 5826, 6007, 6306, 6929, 7263–7264, 7351–7352, 7545, 7592,

7635, 7719, 7987, 8055, 8410, 8669, 8809, 8912, 9134, 9190–9191, 9240, 9291, 9316, 9807, 9811, 9874, 9955
NEOPLASMS, MULTIPLE PRIMARY: 895, 3289, 4442, 4522, 5298, 5302, 6310, 6504, 7746, 8146
NEOPLASMS, NERVOUS TISSUE: 8863
NEOPLASMS, RADIATION-INDUCED: 7436, 9830, 9853, 10359
NEOPLASMS, VASCULAR TISSUE: 8055, 8706
NEOPLASTIC ENDOCRINE-LIKE SYNDROMES: 5922
NEOSTIGMINE: 7257
NEPHRECTOMY: 677, 846, 1760, 2326, 2380, 2930, 3918, 4730, 5511–5512, 7132, 7426, 7736, 7952, 8257, 8485, 8620, 8690, 8960, 9104, 9429, 9558, 9740, 9791
NEPHRITIS: 2950, 3794, 4533, 4674, 6269, 7570, 9208
NEPHRITIS, HEREDITARY: 7019
NEPHRITIS, INTERSTITIAL: 5734, 6103, 9566
NEPHROBLASTOMA: 781, 953, 971, 3642, 6168, 8485, 9123–9124
NEPHROSCLEROSIS: 1122, 1355, 2017, 3076
NEPHROSIS: 8294
NEPHROSIS, LIPOID: 6376, 10274
NEPHROTIC SYNDROME: 8–9, 221, 542, 771, 1281, 1360, 1862, 2468, 2484, 3244, 3250, 3416, 5095, 5520–5521, 5628, 6394, 7027, 7803, 7901, 7913, 7959, 8211, 8890, 9096, 9167, 9617
NERVE BLOCK: 5771, 5796
NERVE COMPRESSION SYNDROMES: 1388, 2591, 4989, 5609, 6248, 6648, 7286, 7658, 10176
NERVE DEGENERATION: 2196
NERVE ENDINGS: 3528
NERVE GROWTH FACTOR: 2771, 2889, 6092, 6244, 7403
NERVE REGENERATION: 2771, 7152, 7403
NERVE TISSUE PROTEINS: 813, 945, 1079, 1098, 1310, 1587, 1873, 2938, 3010, 4141, 5451, 7257, 7769, 7908, 8521, 9481, 9779
NERVOUS SYSTEM: 3518, 5756, 5829, 6820, 7067, 9396
NERVOUS SYSTEM DISEASES: 1225, 1541, 1764, 1814, 2175, 2723, 4229, 4354, 5703, 6032, 7799, 8730, 9034, 9376, 10216
NEURAL CONDUCTION: 2124, 2767, 6499, 8307
NEURAL TRANSMISSION: 1167, 7257
NEURALGIA: 2479, 3226, 8393, 8505
NEURAMINIC ACIDS: 5203, 6886, 9281
NEURAMINIDASE: 211, 898, 1250, 1311, 1356, 1933, 2055, 2283, 2369, 2460, 2473, 2496, 2661, 2719, 2724, 2757, 2952, 3081, 3126, 3569, 3621, 3683, 3864, 3912, 4311, 4439, 4758, 4839, 4884, 5203, 5770, 5968, 6170, 6267, 6377, 6488, 6646, 6672, 6732, 6826, 6904, 7168, 7341, 7490, 7536, 7680, 7890, 7909, 8041, 8110, 8322, 8410, 8521, 8573, 8642, 8891, 9357, 9586–9587, 9878, 9956, 10181, 10193
NEURILEMMOMA: 276, 2656, 2696, 3553, 3843, 7584, 8129, 8146, 8165, 8307, 8863
NEURITIS: 2767, 6499
NEUROBLASTOMA: 781, 813, 971, 2363, 2518, 3377, 3642, 6168, 8268, 8498, 9851, 9887
NEUROEPITHELIOMA: 6136, 8863
NEUROFIBROMA: 1822, 2244, 3523, 3988, 5750, 6248, 8129, 8863, 10201
NEUROFIBROMATOSIS: 3843, 5559, 5750, 8998
NEUROGLIA: 945, 2922, 3010, 3553, 9018, 9851
NEUROHUMORS: 1079, 6280, 7218, 8445
NEUROLEPTOANALGESIA: 4197, 4495, 8084, 9104
NEUROLOGIC EXAMINATION: 630
NEUROLOGIC MANIFESTATIONS: 2012, 2028, 2168, 2360, 3931, 4398, 5538, 6032, 6096, 8122, 9184
NEUROMA: 6648, 9986
NEUROMUSCULAR BLOCKING AGENTS: 5960, 5983
NEUROMUSCULAR DISEASES: 1559, 4237, 4645
NEUROMUSCULAR JUNCTION: 1167, 1276, 2533, 6032, 7257, 9396
NEURONS: 348, 370, 2771, 2922, 3010, 4907, 5299, 5749, 6847, 8479, 8733, 9052–9053, 9851
NEURONS, EFFERENT: 4468
NEUROPHYSINS: 1530–1531
NEUROSECRETION: 945
NEUROSECRETORY SYSTEMS: 3098
NEUROSES: 1833, 4237
NEUROSPORA: 1148, 1684, 2911, 5170, 5623, 6542, 6686, 8032
NEUROSPORA CRASSA: 376, 1148, 1684, 2911, 5170, 5623, 6542, 6686, 8032
NEUROSURGERY: 532, 8229
NEUTRALIZATION TESTS: 780, 1152, 1212, 1464, 3579, 4159, 4767, 5096, 6005, 6047, 6076, 6234, 6319, 6896, 7317, 7618
NEUTRONS: 2651
NEUTROPENIA: 3284, 4044, 5273, 6242, 7010, 7570, 8079
NEUTROPHILS: 59, 356, 363, 378, 581, 924, 1146, 1226, 1756, 1828, 2111–2112, 2369, 2438, 2720, 3424, 3790, 3794, 3973, 4017, 4044, 4119, 4225, 4431, 4615, 4671, 4713, 4983, 5026, 5360, 5388, 5591, 5775, 6100, 6185, 6247, 6340, 6385–6386, 6445, 6461, 6625, 6812, 6821, 7026, 7118, 7378, 7491, 7525, 7528, 7684, 8024, 8103, 8402, 8523, 8565, 8704, 8710, 8748, 8807, 8886, 8973, 8993, 9120, 9272, 9403, 9626, 9647, 9730, 9826, 9835, 9964, 10011, 10117, 10394
NEVUS: 1914, 2161, 2244, 2675, 3289, 4232–4233, 4616, 7503, 10201
NEVUS, PIGMENTED: 330, 4232–4233, 4621, 6151
NEWCASTLE DISEASE: 722
NEWCASTLE DISEASE VIRUS: 1212, 3621, 5122, 5203, 6488–6489, 9357, 10248
NEWTS: 975, 1671
NICERGOLINE: 5264
NICKEL: 928, 4915, 6439, 8514
NICOTINE: 3945, 4920, 5776, 5927
NICOTINIC ACIDS: 116, 850, 1150, 2177, 2610, 2679, 2985, 3591, 3833, 5279, 5523, 5640, 6153, 7175, 7235, 7388, 7480, 7692, 7719, 8284, 8714, 8806, 8958, 9705
NICOTINYL ALCOHOL: 3810, 10043
NIDATION: 5447
NIEMANN-PICK DISEASE: 5556, 9815
NIFLUMIC ACID: 5058, 9694
NIFUROXIME: 1362
NIGERICIN: 2583
NIGHT MONKEYS: 5530
NIKETHAMIDE: 1540
NINHYDRIN: 4650, 8948
NIPPLES: 9894
NIRIDAZOLE: 1810
NISIN: 5766
NITRATE REDUCTASES: 2060, 8405, 9627
NITRATES: 485, 2561, 3852, 6257, 9418
NITRAZEPAM: 4724–4725
NITRILES: 1809, 4091, 5483, 8496, 9759, 10346
NITRITE REDUCTASES: 8405
NITRITES: 2725, 6257
NITRO COMPOUNDS: 412, 1286, 3759, 4539, 4659, 6137, 8946, 9424
NITROANISOLE O-DEMETHYLASE: 96, 7609
NITROBENZENES: 688, 4371, 4508, 4877, 5156, 5842, 7765, 10246–10247
NITROBENZOATES: 493
NITROBLUE TETRAZOLIUM: 59, 373, 3769, 5872, 6821, 9005, 9272, 9922
NITROFURANS: 819, 1361, 1695, 8877
NITROFURANTOIN: 3945, 6056
NITROGEN: 349, 800, 1099, 1245, 1684, 1778, 2568, 2618, 3331, 3551–3552, 3612, 4943, 4964, 5490, 5639, 5925, 6232, 6305, 8291, 8515, 8638, 9147
NITROGEN DIOXIDE: 7871
NITROGEN MUSTARD COMPOUNDS: 212, 1403
NITROGEN OXIDES: 3889, 4919
NITROPHENOLS: 43, 1508, 2854, 3877, 4265, 6512, 6893, 7051, 7614, 9028–9029, 10055
NITROPHENYL PHOSPHATASE: 9362
NITROPRUSSIDE: 5781
4-NITROQUINOLINE-1-OXIDE: 819
NITROQUINOLINES: 819
NITROSAMINES: 2788, 4902, 5455, 7592, 7719, 9917
NITROSO COMPOUNDS: 7736
NITROSOUREA COMPOUNDS: 410, 1473, 1753, 1812, 2067, 2518, 4070, 8286
NITROUS ACID: 6831, 8444
NITROUS OXIDE: 155, 1513, 2873, 4993, 5174
NOCARDIACEAE: 10106–10107
NOMENCLATURE: 1102, 1611, 2706, 4162, 4196, 4926, 6950, 7254, 7315, 7670, 8238, 8547, 8858, 8913
NONPSYCHOTIC ORGANIC BRAIN SYNDROME: 568
NOREPINEPHRINE: 115, 346–347, 597, 1409, 1811, 1915, 2109, 3068, 3148, 3709, 3806, 4091, 4141, 4262, 4509, 4560, 4678, 4799, 5153–5154, 5263, 5344, 5502, 6140, 6182, 6279–6280, 6282, 6308, 6450, 6897, 6967, 7327, 7874, 8085, 9150, 9443, 9731
NORETHINDRONE: 178, 4012, 4848, 6585, 10082
NORETHYNODREL: 109, 4848
NORGESTREL: 3334, 3380, 4848, 7313
NORLEUCINE: 44, 1508, 3620, 4426, 4485, 4757, 7110, 7614, 9028–9029
NORMAL VALUES: 89, 148, 197, 1207, 1828, 4746, 4913, 5361, 5531, 5533, 5653, 6764, 7187, 8073, 8962, 9138
NORMETANEPHRINE: 6282, 6450
NORSYNEPHRINE: 6308
NOSE: 1340, 4658, 5930
NOSE DEFORMITIES: 3291, 8319
NOSE DISEASES: 5097
NOSE NEOPLASMS: 724, 2696, 5004, 5455, 5930, 6136, 6654, 7351, 8350
NOVOBIOCIN: 3033, 3611

NUCLEAR FAMILY: 1686, 5286
NUCLEAR MAGNETIC RESONANCE: 264, 303, 732, 841, 867, 1377, 1509, 2144, 2390, 2482, 2842, 3054, 3276–3277, 3822, 4108, 5129, 5221, 5891–5892, 6679, 7090, 7113, 7524, 7604, 8761, 9342, 9723, 10106, 10143
NUCLEAR MEMBRANE: 1026
NUCLEIC ACID CONFORMATION: 2254, 3033, 4760, 5461, 5805, 6207, 7226, 7332, 7936, 8529, 8619, 9929, 9953
NUCLEIC ACID DENATURATION: 1965, 4562, 4734, 5461, 7896, 8619
NUCLEIC ACID HYBRIDIZATION: 1966, 2909, 3015–3016, 4106
NUCLEIC ACID PRECURSORS: 2895
NUCLEIC ACIDS: 1293, 5524, 5946, 10233
NUCLEOPROTEINS: 1519, 2058, 3025, 4562, 4981, 6207, 6337, 7226
NUCLEOSIDASES: 5758
NUCLEOSIDE DIPHOSPHATE SUGARS: 41
NUCLEOSIDES: 7391
NUCLEOTIDASES: 2336, 3207, 3572, 4618, 10011
NUCLEOTIDE DEAMINASES: 3949
NUCLEOTIDES: 1445, 2046, 2257, 5524, 6337, 7391, 9459
NUCLEOTIDES, CYCLIC: 3043, 6036, 7491, 7520
NUCLEOTIDYLTRANSFERASES: 9147
NURSING AUDIT: 5661, 8352
NURSING DIAGNOSIS: 7865, 9780
NURSING RECORDS: 5661
NUTMEG: 6872
NUTRITION: 901, 1764, 1993, 3585, 3723, 7278, 7480, 7631, 7793, 9544, 9806
NUTRITION DISORDERS: 254, 614, 2281, 4819, 7631, 10179
NUTRITION SURVEYS: 4669
NUTRITIONAL REQUIREMENTS: 523, 1778, 3448, 4814, 7480, 9576
NUX VOMICA: 7451
NYLON: 728, 4788, 5749, 6735, 9669
NYSTAGMUS: 4825, 7584, 8300
NYSTATIN: 4981

O

OBESITY: 257, 461, 530, 604, 614, 631, 636, 1035, 1752, 1993, 2933, 3250, 3576, 3990, 4256, 4820, 5231, 5345–5346, 5352, 5484, 5592, 5637, 5885, 6242, 6292, 6536, 6651, 7234, 7278, 7322, 7388, 7608, 8132, 8174, 8852, 9333, 9894
OBESITY IN DIABETES: 3652, 4256, 6292, 10148
OBTURATOR NERVE: 3114
OCCIPITAL BONE: 9507
OCCIPITAL LOBE: 7179
OCCLUSIVE DRESSINGS: 313, 328, 8489, 10048
OCCUPATIONAL DISEASES: 1037, 6223, 6886, 7571, 7822, 7869, 8133, 9636, 9682, 9754, 9777, 10386
OCCUPATIONAL THERAPY: 117
OCCUPATIONS: 2831, 7493
OCTANOIC ACIDS: 3933
OCULOMOTOR PARALYSIS: 1165, 4825, 9764
ODONTOGENIC TUMOR: 5024, 6615
ODORS: 7509
OILS: 307, 762, 2331, 2704, 3127, 3980, 6285, 6333, 6872, 7782, 8518, 9575, 10041, 10047, 10232
OILS, VOLATILE: 1007
OINTMENT BASES: 476, 10243
OINTMENTS: 233, 252, 3449, 5105, 6129, 7648, 8056
OLEIC ACIDS: 432, 587, 1187, 1495, 2085, 3310, 3725, 3933, 3980, 4333, 5063, 8248, 9966
OLFACTORY BULB: 884
OLFACTORY PATHWAYS: 884
OLIGODENDROGLIOMA: 276, 5354, 5929, 5987
OLIGOMYCIN: 7308
OLIGONUCLEOTIDES: 3377, 5308, 5805, 8532
OLIGOPEPTIDES: 302, 356, 377, 450, 643, 1647, 1664, 2318, 2326, 2916, 3071, 3092, 3785, 3815, 4006, 4067, 4246, 4363, 4539, 4950, 5179, 5526, 5615, 5870, 5874, 6007, 6175, 6670, 6778, 7128, 7614, 7914, 7920, 7933, 7966, 8254, 8673, 8941, 8968, 9028, 9053, 9119, 9414, 9522, 9582, 9782
OLIGORIBONUCLEOTIDES: 1965–1966, 4367, 5308
OLIGOSACCHARIDES: 2153, 3123, 3965, 4754, 5486, 5924, 6848, 7014, 7626, 7680, 7909, 8442, 8444
OLIGOSPERMIA: 6225, 8087, 8503
OLIGURIA: 2575, 2687, 6394
OMENTUM: 1581, 5775
ON LINE SYSTEMS: 1704, 9946
ONCOGENIC VIRUSES: 1178, 8362
ONTOGENY: 7009
OOCYTES: 3477, 4311, 5636, 7078, 9449, 9542, 10039, 10191
OPERATING ROOMS: 6744
OPERON: 4367, 4494, 6396, 7593
OPHTHALMIA: 2790
OPHTHALMOLOGY: 1837, 5884
OPHTHALMOSCOPY: 4616, 6632
OPISTHORCHIASIS: 4720, 6940
OPIUM: 2266
OPSONINS: 2369, 5670, 6264
OPTIC ATROPHY: 6433, 8186
OPTIC CHIASM: 1138
OPTIC DISK: 7876–7877, 9509
OPTIC NERVE: 3778, 9719, 10052
OPTIC NERVE DISEASES: 3778, 8186
OPTIC NEURITIS: 3523, 8186
OPTICAL ROTATION: 4168, 4539
OPTICAL ROTATORY DISPERSION: 4173, 5615, 6137, 6264, 6577, 8838
OPTICS: 9921
ORAL HYGIENE: 8913
ORAL MANIFESTATIONS: 8098
ORBIT: 1166, 3460, 3523, 3843, 5763, 6715, 9719, 9887, 10051
ORBITAL NEOPLASMS: 586, 919, 1648, 1704, 1881, 3523, 3843, 6715, 7082, 7669, 8129, 8766, 9495, 9521, 9610, 9719, 9887, 10201
ORGAN CULTURE: 354, 544, 5347, 5522, 8433, 8866, 8984, 9453, 9963
ORGAN OF CORTI: 7248
ORGAN PRESERVATION: 204, 1489, 1685, 2274, 5463, 7143, 8905, 9137
ORGAN SPECIFICITY: 363, 502, 2228, 2441, 2771, 2894, 3053, 3403, 3411, 3699, 4008, 4261, 4423, 4884, 6161, 6402, 6624, 6638, 6757, 6798, 7180, 7401, 8429, 8912, 8949, 9072, 9490, 9520, 9715, 9851, 9874, 9988–9989, 9995, 10181, 10194, 10215, 10265, 10340
ORGAN WEIGHT: 331, 502, 1068, 1079, 1119, 1291, 1517, 1607, 2982, 3618, 4219, 4471, 4999–5000, 5140, 5152, 5194, 5345–5346, 5565, 5808, 6897, 7200, 7871, 8036, 8495, 8685, 8870, 9004, 9726, 9789, 9894, 10147
ORGANIZATION AND ADMINISTRATION: 7085, 7613
ORGANOIDS: 1795, 1895, 2740, 2851, 3063, 3680, 3743, 3970, 4245, 4343, 4583, 6847, 6950, 8035, 8616, 10191
ORGANOMERCURY COMPOUNDS: 5680
ORGANOMETALLIC COMPOUNDS: 2123, 3418
ORGANOPHOSPHORUS COMPOUNDS: 2053, 2325, 3276, 5106, 5711, 6461, 6993, 8339, 8889, 9114, 9979
ORNITHINE: 3638, 8164
ORNITHINE AMINOTRANSFERASE: 4564–4565, 9296
ORNITHINE DECARBOXYLASE: 5423–5424, 5424, 6230, 6454
ORNITHOSIS: 9848
OROANTRAL FISTULA: 3555, 5407
OROSOMUCOID: 2658, 3613, 6171, 7847, 8121, 9382
OROTIC ACID: 5723, 7685, 8568
ORTHOMYXOVIRUS INFECTIONS: 722
ORTHOMYXOVIRUS TYPE A, AVIAN: 4784
ORTHOMYXOVIRUS TYPE A, HUMAN: 5649, 8398
ORTHOMYXOVIRUS TYPE A, PORCINE: 7662
ORTHOMYXOVIRUSES: 2460, 2686
ORTHOMYXOVIRUSES TYPE A: 4784, 6937, 7536
ORTHOPEDICS: 155, 1089, 6661, 7941
OSCILLOMETRY: 1820
OSMIUM: 3063
OSMOLAR CONCENTRATION: 385, 508, 937, 983, 1305, 1418, 1532, 1845, 2243, 2254, 2258, 2340, 2350, 2388, 2420, 2958, 3233, 3365, 3427, 3448, 4005, 4319, 4338, 4354, 4595, 4690, 4768, 4807, 4833, 5221, 5333, 5336, 5351, 5368, 5898, 6105, 6107, 6128, 6182–6183, 6246, 6459, 6624, 6647, 6772, 7242, 7614, 7645, 7708, 7830, 8164, 8291, 8394, 8427–8429, 8529, 8759, 8824, 8944, 8948, 8983, 9136, 9211, 9279, 9418, 9438, 9621, 9837, 9984, 10071, 10086, 10226
OSMOSIS: 5382
OSMOTIC FRAGILITY: 70, 1210, 1981, 2957–2958, 5029, 5925, 6774, 7467, 7997–7998, 8630, 8756
OSMOTIC PRESSURE: 2953, 2958–2959, 3681, 3872, 8695, 9457
OSSIFICATION, PATHOLOGIC: 3953, 4628
OSTEITIS: 1313, 5097
OSTEITIS DEFORMANS: 1771, 8234
OSTEOARTHRITIS: 1180, 1326, 2584, 2639, 3953, 4215, 5001, 5911, 7983
OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC: 1692
OSTEOCHONDRITIS: 1908
OSTEOCLASTS: 6435
OSTEOGENESIS: 4470
OSTEOGENESIS IMPERFECTA: 756, 8628
OSTEOLYSIS: 1467, 2648, 3290, 7746, 9258
OSTEOLYSIS, ESSENTIAL: 666
OSTEOMA: 8874, 9507
OSTEOMA, OSTEOID: 1927, 8547
OSTEOMYELITIS: 563, 1400, 2084, 2442, 5097, 7287, 9325,

9428, 10312
OSTEONECROSIS: 5625, 6159, 7390, 7746, 9548
OSTEOPOROSIS: 312, 1288, 1969, 2475, 3937, 8303, 8628, 9440, 9563
OSTEOTOMY: 666, 685, 5241, 6661, 7153
OTITIS MEDIA: 567, 3896, 4555, 4842, 5097, 6384, 7227, 7354, 9185, 10227
OTORHINOLARYNGOLOGIC DISEASES: 567, 5781
OTOSCLEROSIS: 756, 1462, 5935
OUABAIN: 1595, 5267, 5319, 6036, 7520, 9786
OVALBUMIN: 154, 1610, 2294, 2561, 2807, 3912, 4735, 4880, 5387, 7017, 9960
OVARIAN CYSTS: 801, 4271
OVARIAN DISEASES: 2361, 3164, 4973, 7114, 8507, 9224–9225, 10053, 10146
OVARIAN NEOPLASMS: 353, 1405, 2361, 6495, 8487, 8984, 9123, 9456, 9753, 9994, 10146
OVARY: 109, 571, 1012, 1685, 1940, 2283, 2805, 2815, 3384, 4727, 5554, 6726, 8593, 8984, 9077, 9189, 9316
OVIPOSITION: 9077
OVOMUCIN: 650, 3071, 6373, 7936
OVULATION: 5636, 8865
OVUM: 547, 1424–1425, 2068, 2072, 2334, 3477, 3522, 3743, 3866, 4112, 4311, 4370, 5558, 5636, 7078, 7909, 8119, 8189, 9542, 10039, 10191
OXACILLIN: 2442, 7969
OXADIAZOLES: 5066, 8435
OXALATES: 6072
OXAZEPAM: 157
OXAZOLES: 2024, 2026, 4243, 9399
OXIDATION-REDUCTION: 32, 59, 144, 469, 548, 558, 797, 819, 1047, 1510, 1542, 1830, 2530, 2643, 2843, 3026, 3379, 3418, 3889, 3934, 3986, 4026, 4112, 4484, 4560, 4909, 5063, 5086, 5108, 5196, 5256, 5872, 6327, 6720, 6947, 7311, 7519, 7552, 7597, 8390, 8436, 8444, 8761, 8789, 8823, 8920, 8997, 9272, 9284, 9300, 9814, 9860, 9922, 10005, 10009
OXIDATIVE PHOSPHORYLATION: 49, 1310, 4894, 5003, 5333–5334, 6115, 6853, 7308, 8782
OXIDATIVE PHOSPHORYLATION COUPLING FACTORS: 3670
OXIDES: 6197, 8920
OXIDOREDUCTASES: 96, 1188, 2050, 2304, 2810, 2861, 3480, 3641, 4168, 4176, 4359, 4434, 4502, 4638, 4745, 4814, 4988, 5401, 5788, 6136, 6272, 6555, 6971, 7011, 7272, 7278, 7409, 8943, 9284, 9759, 9872, 10126, 10166
OXIDOREDUCTASES, N-DEMETHYLATING: 5152
OXIMES: 3026, 8436
OXPRENOLOL: 8450
OXYFEDRINE: 3852
OXYGEN: 31, 184, 283, 590, 823–824, 985, 1095, 1361, 1385, 1465, 1484, 1572, 1754, 1772, 1781, 1854, 1885, 1932, 2151–2152, 2671, 2803, 2968–2969, 3093, 3128, 3206, 3551–3552, 3559, 3601, 3682, 3781, 4269, 4285–4286, 4393, 4473, 4514, 4705, 4791, 5078, 5681, 5809, 5937, 6111–6112, 6388, 6605, 6609, 6647, 6741, 6754, 6919, 7003, 7033, 7130, 7248, 7415, 7482, 7522, 7569, 7580, 7602, 7725, 7996, 8345, 8392, 8422, 8605, 8637, 8659, 8769, 8942, 9083, 9104, 9137, 9334, 9398, 9478, 9593, 10008
OXYGEN CONSUMPTION: 14, 71, 287, 730, 819, 824, 872, 1190, 1484, 1789, 1885, 1919, 2049–2050, 2423, 2500, 2643, 2671, 2703, 2784, 2855, 2969, 3072, 3550, 3760, 3816, 3934, 4269, 4476, 4909, 5036, 5106, 5173, 5258, 5279, 5385, 5644, 5677, 5905, 6077, 6111–6112, 6655, 6677, 6853, 7185–7186, 7213, 7248, 7380, 7415, 7490, 7609, 7668, 7725, 7946, 8090, 8280, 8492, 8510, 8531, 8630, 8695, 8710, 8942, 8956, 9270, 10049, 10222
OXYGEN INHALATION THERAPY: 730, 980, 6206, 6618, 6691, 8130, 8132, 8369, 8459, 10008, 10381
OXYGEN RADIOISOTOPES: 9090
OXYGENASES: 903, 3589, 7961–7962, 8036
OXYGENATORS: 261, 440, 607, 1557, 2800, 5116, 6820
OXYGENATORS, MEMBRANE: 926, 1023, 1209, 2577, 2692, 3482, 3781, 4875–4876, 5138, 5237, 6077, 6080, 6609, 7482–7483, 7601–7602, 7942, 8028, 8566, 8715, 9775, 9923–9924, 9964, 10222
OXYHEMOGLOBIN: 590, 2969, 3093, 3206, 5681, 8050
OXYMETHOLONE: 4657
OXYPHENBUTAZONE: 288, 606, 1543, 4344, 4749, 5590
OXYTETRACYCLINE: 2043, 3968
OXYTOCICS: 7686
OXYTOCIN: 945, 5901, 6121, 8509, 9027, 9052, 9828
OXYTOCINASE: 3759, 9424, 9537, 9828
OYSTERS: 2160
OZONE: 10107, 10118

P

P BLOOD-GROUP SYSTEM: 6498
PACEMAKER, ARTIFICIAL: 1447, 1588, 1838, 1885, 2765, 3004, 3011, 3383, 3464, 4809, 4850, 5745, 6378, 6882, 7502, 8556, 8753, 8843, 9129, 9163, 9173, 9254, 9385, 9967, 10078
PAGET'S DISEASE, EXTRA-MAMMARY: 3225
PAIN: 91, 117, 180, 288, 488, 793, 1165, 1360, 2158–2159, 2308, 2479, 2876, 3615, 3929, 4470, 5398, 5586, 6142, 6186, 6431, 6749, 7010, 7492, 7498, 7799, 7807, 8337, 8368, 8479, 8483, 9780, 9927–9928, 10043
PAIN, INTRACTABLE: 9885
PAIN, POSTOPERATIVE: 5550
PALATAL NEOPLASMS: 1973, 5024, 9610, 10062
PALATE: 4895, 7404
PALEOPATHOLOGY: 8874
PALLADIUM: 4915
PALLIATIVE TREATMENT: 1868, 6241, 6607
PALMITATES: 428, 5370
PALMITIC ACIDS: 2939, 4333, 5255, 5387, 6658, 9966
PALPATION: 752, 7865
PANCREAS: 4, 77, 142, 292, 346–347, 436, 448–449, 558, 562, 899, 940, 1119, 1162, 1220, 1318, 1321, 1458, 1517, 1830, 1886, 2165, 2198, 2205, 2259, 2302, 2478, 2514, 2530, 2593, 2627–2628, 2688, 2817, 2848, 2967, 3032, 3036, 3071, 3171, 3190, 3198–3199, 3319, 3331, 3364, 3374, 3618, 3773, 3922–3923, 4115, 4121–4122, 4264, 4313, 4353, 4542, 4623–4624, 4736, 4836, 4898, 4908, 4950–4951, 5079, 5198, 5204, 5219, 5273, 5316, 5321, 5338, 5452, 5471, 5492, 5627, 5699, 5747, 5789, 5813, 5862, 5981, 6115–6116, 6189, 6218, 6222, 6329, 6373, 6475, 6533, 6547, 6600, 6794, 6834, 6839, 6907, 7028, 7274, 7410, 7420, 7510, 7690, 7789–7790, 7796, 7811, 7905, 8148, 8150, 8603, 8755, 8771, 8826, 8842, 8882, 8884, 9003, 9081, 9107–9108, 9137, 9142, 9189, 9284, 9331, 9387, 9470–9472, 9503, 9616, 9622, 9667, 9686, 9730, 9789, 9823, 9825, 9847, 9995, 10147, 10210, 10265, 10284
PANCREATECTOMY: 3936, 5475, 7729, 9686
PANCREATIC CYST: 488, 4706, 5254, 5273, 5438, 7834, 9616–9617
PANCREATIC DISEASES: 938, 1541, 2164, 2478, 2960, 3109, 3319, 3331, 3936, 4501, 4997, 5219, 5273, 5337–5338, 5570, 5673, 5814, 6324, 6780, 6907, 7088, 8159, 8513, 9290, 9654, 9854
PANCREATIC DUCTS: 1458, 3593, 7088, 7510
PANCREATIC EXTRACTS: 2259, 3190, 3331, 4910, 9687
PANCREATIC FISTULA: 5254, 6631
PANCREATIC HORMONES: 348, 3319, 5627
PANCREATIC JUICE: 562, 1068, 1195, 1220, 1886, 3198, 3331, 3364, 3618, 4121, 4908, 5198, 5338, 5471, 6808, 7273–7274, 7510, 7644, 7789, 7895, 8148, 8755, 8771, 9108, 9147, 9290, 9686, 10224
PANCREATIC NEOPLASMS: 139, 310, 1781, 2165, 2422, 3319, 4187, 5273, 5862, 7088, 7510, 7555, 7834, 8572, 8776, 8872, 9188, 9190, 9365, 9616–9617, 9854, 10146, 10186
PANCREATIN: 1245, 1562, 2164, 2495, 2593, 3248, 6303, 10135, 10224
PANCREATITIS: 21, 188, 192, 298, 409, 448–449, 461, 488, 644, 1256, 1372, 1429, 1781, 2012, 2028, 2163–2164, 2249, 2281, 2308, 2422, 2514, 3319, 3593, 3874, 3908, 3936, 3999, 4187, 4354, 4553, 4604, 4699, 4897, 5002–5003, 5242, 5254, 5273, 5627, 5771, 5789, 5796, 5799, 6189, 6222, 6431, 6448, 6506, 6794–6795, 6839, 6885, 6958, 7088, 7177, 7274, 7472, 7479, 7555, 7796, 7805, 8272, 8572, 8645, 8876, 8878, 9025, 9063, 9107, 9138, 9302, 9387, 9392, 9518, 9569, 9654, 9854, 10206, 10256
PANCREATOPEPTIDASE: 192, 294, 346–347, 496, 592, 622, 924, 1068, 1256, 1916, 2356–2357, 2488, 2830, 3020, 3036, 3071, 3911, 3958, 4056, 4275, 4441, 4539, 5139, 5321, 5323–5324, 5793, 5813, 6052, 6321, 6488, 6760, 6763, 6806–6808, 6812, 6818, 7152, 7403, 7636, 7796, 7827, 7858, 8060, 8074, 8076, 8141, 8236, 8390, 8696, 8748, 8842, 9025, 9210, 9383, 9414, 9647, 9837, 10005, 10265–10266
PANCYTOPENIA: 1646, 2505, 6185
PANNICULITIS, NODULAR NONSUPPURATIVE: 2012, 3632, 4929, 6317, 6389
PANTOTHENIC ACID: 233, 6129, 7480
PAPAIN: 153, 518, 537, 622, 898, 1000, 1088, 1212, 1435, 1604, 1719, 1976, 2426, 2485, 2496, 2651, 3026, 3224, 3477, 3600, 3864, 4089, 4226, 4294, 4311, 4351, 4659, 4690, 5290, 5829, 6177, 6407, 6435, 6587, 6742, 7014, 7140, 7304, 7418, 7690, 7806, 7988, 8000, 8435–8436, 8447, 8555, 9191, 9372, 9414, 9417, 9503, 10286, 10296
PAPAVERINE: 38, 326, 555, 683, 1540, 3810, 3835, 4209, 5377, 6559, 7001, 8894
PAPILLEDEMA: 1138, 1837, 5278, 7052, 7217, 8186
PAPILLOMA: 389, 402, 2244, 5750, 7351, 9215
PAPIO: 4933
PARABIOSIS: 1308
PARAGANGLIOMA, NONCHROMAFFIN: 3289, 5302, 5750, 10065
PARA-INFLUENZA VIRUS TYPE 1: 391, 5752, 8060, 9076
PARALYSIS: 605, 1081, 1092, 2175, 2295, 2450, 3097, 4989,

6032, 6436, 8293, 9579, 9979
PARALYTIC ILEUS: 3226, 5827
PARAMECIUM: 4142, 10089
PARAMETHASONE: 4119
PARAMYXOVIRUS INFECTIONS: 722
PARAMYXOVIRUSES: 3621, 6489
PARANASAL SINUS NEOPLASMS: 2696, 3843, 4895, 6239
PARAPLEGIA: 1091, 1176, 3536, 3540, 3975, 4506, 4916, 7152, 7338, 8889
PARAPROTEINEMIAS: 1844, 2858, 3137, 3756, 4069, 4123, 4132, 4797, 5398, 5505, 5697, 7015, 7799, 7897, 9672
PARAPROTEINS: 591, 5697, 6498
PARAQUAT: 2843, 9627
PARASYMPATHETIC NERVOUS SYSTEM: 569, 2385, 6209, 6897, 8035
PARASYMPATHOLYTICS: 488, 2308, 3508, 4064, 5377, 5446, 5960, 5983, 6086, 9349
PARASYMPATHOMIMETICS: 2956, 8137
PARATHYROID GLANDS: 5700
PARATHYROID HORMONE: 374, 3232, 4557, 5700, 7020, 8281
PARATHYROID NEOPLASMS: 8146
PARENT-CHILD RELATIONS: 66, 8269, 8784
PARENTERAL FEEDING: 360, 901, 1090, 1134, 1312, 1326, 1427, 1778, 2044, 2281, 2554, 2697, 2704, 3158, 3246, 3448, 3874, 3930, 3999, 4455, 6109, 6609, 7617, 8069, 8130, 8291, 8681, 9802
PARENTERAL HYPERALIMENTATION: 1134, 1312, 1427, 1778, 2044, 2281, 3448, 4819, 4830, 5309, 5733, 5792, 7617, 8291, 8492, 8681
PARENTS: 4021
PARESTHESIA: 1861, 3115
PARGYLINE: 255, 5921, 6356
PARITY: 48, 1707, 5078, 9027
PARKINSONISM: 8730, 10240
PARONYCHIA: 504
PAROTID GLAND: 2295, 2387, 4688, 5544, 6615, 7495, 8109
PAROTID NEOPLASMS: 5544, 7328, 7495, 8229, 10065
PAROTITIS: 5544, 7912
PARTHENOGENESIS: 1425, 6063, 8189
PARTIAL PRESSURE: 730, 823, 2671, 3093, 4393, 4791, 5809, 7003, 7033, 7350, 7482, 8605, 9083, 9334, 9967, 10008
PARTICLE SIZE: 1766, 3483–3484, 3858, 7093, 9109, 9747
PARVALBUMINS: 1391, 1681, 3052, 4988, 9160
PARVOVIRUSES: 1659, 9103
PASSIVE CUTANEOUS ANAPHYLAXIS: 549, 7716, 9282
PASSIVE TRANSFER: 581, 2313, 4040, 5902, 5917, 6468, 6935, 7633
PASTEURELLA: 8093
PATCH TESTS: 2753
PATELLA: 36, 1908, 5001
PATERNITY: 7112
PATIENT ACCEPTANCE OF HEALTH CARE: 5288, 8995
PATIENT CARE PLANNING: 1251, 1290, 1525, 3337, 3765, 8352
PATIENT CARE TEAM: 2521, 3112, 4385, 4513, 5733, 5792, 5923, 8376, 9876, 10003
PATIENT COMPLIANCE: 6298
PATIENT DROPOUTS: 5593
PATIENT ISOLATION: 9951
PATIENTS: 2840, 4021, 4949, 6298, 8337
PEANUTS: 861, 6333, 8297, 8415, 8573
PECTINS: 1439
PEDIATRIC NURSING: 1073
PEDIGREE: 87, 150, 909, 1800, 2003, 2154, 2210, 2537, 3065, 3068, 3202, 3332, 4247, 4268, 4375, 4797, 5284, 5353, 5400, 5430, 5607, 6029, 6047, 6662, 6765, 7019, 7306, 7413, 8147, 8301, 8332, 8342, 8684, 9199, 9801
PELVIC BONES: 3607, 5598, 5673, 6019, 8516, 10337
PELVIC NEOPLASMS: 170, 801, 895, 2051, 3059, 5343, 6563, 8874
PELVIS: 170, 895, 1289, 1304, 1501, 1724, 2063, 2065, 2098, 2433, 2557, 3187, 3486, 3720, 3771, 3830, 3914, 4520, 4628, 4870, 4890, 4896, 4961, 4992, 5596, 6019, 6142, 6374–6375, 6420, 6553, 6563, 7022, 8706, 9591, 9598, 10041, 10146, 10195
PEMOLINE COMPOUNDS: 482
PEMPHIGUS: 4598, 6389, 7122–7123, 9057
PENICILLAMINE: 2330, 3613, 3855, 4068, 6907, 7514
PENICILLIN G: 218, 1468, 1470, 2786, 3046, 4000, 4767, 6825, 8590, 9202
PENICILLINASE: 99–100, 1751, 5301, 5751, 7827, 9299, 9945, 10170
PENICILLINS: 218, 409, 1832, 1857, 2360, 3588, 3637, 3701, 3755, 3907, 4024, 4767, 5075, 5087, 5563, 5932, 7477, 7745, 7969, 8550, 8735, 8830, 9945
PENICILLIUM: 2447, 3428, 3637, 3916, 4024–4025, 4638, 5087, 7477, 9781–9782
PENILE DISEASES: 2654, 10072
PENILE NEOPLASMS: 4769, 6592
PENIS: 483, 2654, 3366, 4010, 6573, 9838, 10211
PENTACHLOROPHENOL: 1480
PENTAGASTRIN: 4906
PENTAZOCINE: 2873, 6431
PENTOBARBITAL: 3040, 4014, 6597, 7733
PENTOSAN SULFURIC POLYESTER: 3487, 5026, 5560, 9238
PENTOSEPHOSPHATES: 6541
PENTOSES: 3910
PENTOXIFYLLINE: 2993–2994, 4290, 5329, 8196, 8774, 8845
PEPSIN: 489, 505, 763, 999, 1192, 1245, 1311, 1435, 1620, 1857, 1936, 2092, 2200, 2495, 2574, 2852–2853, 3026, 3428, 3450, 3661, 3762, 4025, 4605, 4695, 5572, 5786, 6512, 6798, 7073, 7477, 7686, 7895, 8599, 8908, 9028, 9033, 9372, 9674, 9746, 9748, 9781, 10280
PEPSINOGEN: 4968
PEPSTATINS: 452, 879, 1508, 4363, 5643–5644, 5870, 6729, 6931, 7614, 7983, 8644, 9028–9029, 9414
PEPTIC ULCER: 174, 2490, 2660, 3199, 4834, 5446, 5785, 5800, 7715, 9294, 9349
PEPTIC ULCER HEMORRHAGE: 680, 837, 2490, 5022, 5373, 6908, 7393, 8744, 9294
PEPTIC ULCER PERFORATION: 2490, 6692, 6958
PEPTICHEMIO: 1403
PEPTIDE CHAIN ELONGATION: 5308, 7464, 8589
PEPTIDE CHAIN INITIATION: 3439, 5308, 5368, 8181, 9505
PEPTIDE CHAIN TERMINATION: 3108, 3189, 3788, 5525, 7638, 7957
PEPTIDE ELONGATION FACTORS: 2988–2989, 4240–4241, 5236, 6514, 8589
PEPTIDE FRAGMENTS: 22, 32, 100, 303, 376–377, 390, 412, 438, 445, 493, 558, 578, 595, 623–624, 632, 661, 714, 799, 818, 915, 995, 1095, 1097, 1104, 1143, 1148, 1157, 1159–1160, 1170–1171, 1262, 1336, 1340, 1391, 1408, 1519, 1529, 1531, 1547, 1550, 1563, 1578, 1587, 1598–1599, 1657, 1663, 1671, 1681, 1715, 1719, 1770, 1792, 1889, 1935–1936, 1949, 1957, 1971, 2004, 2030, 2033, 2104, 2181, 2214, 2220–2221, 2223–2224, 2245, 2272, 2284, 2375, 2410, 2418, 2440, 2488, 2492, 2502, 2530, 2596, 2644, 2749, 2786, 2806, 2846, 2885–2886, 2915, 2949, 2963–2964, 2967–2968, 2988–2989, 3025–3026, 3052, 3071, 3075, 3223, 3273, 3328–3329, 3419, 3480, 3545, 3616, 3622, 3637, 3669, 3708, 3776, 3787, 3804, 3854, 3871, 3886–3887, 3916, 3919, 3941, 3994, 4006, 4122, 4238, 4240–4241, 4248, 4276, 4279, 4288, 4334, 4359, 4378–4379, 4405–4406, 4412–4414, 4486–4488, 4492, 4514, 4558, 4584, 4605, 4629, 4635–4636, 4638–4639, 4655, 4796, 4884, 4928, 4950, 5079, 5085–5087, 5145, 5175, 5236, 5326, 5368, 5424–5426, 5433, 5439, 5451, 5467, 5473, 5510, 5526, 5582–5583, 5648, 5723–5724, 5732, 5780, 5814, 5870, 5896, 5981–5982, 5991, 6078, 6092, 6095, 6130, 6137, 6150, 6161, 6163, 6244, 6258, 6260, 6277, 6304, 6313, 6349, 6355, 6459–6460, 6483, 6510–6511, 6514, 6542, 6606, 6672, 6693, 6720, 6789, 6848, 6927, 6936, 6941, 6988–6989, 7028, 7072–7074, 7254, 7289, 7304, 7364, 7370, 7410, 7418, 7452, 7476–7477, 7488, 7518, 7531, 7538, 7632, 7690, 7742, 7899, 7918, 8007, 8068, 8091, 8109, 8217, 8220, 8235, 8281–8283, 8311, 8338–8339, 8360, 8418, 8490, 8524, 8552, 8580, 8701, 8761, 8768, 8795–8796, 8840, 8848, 8864, 8880, 8884–8885, 8897–8898, 8929, 8971, 9023, 9032, 9050, 9053, 9080, 9103, 9116, 9118, 9160, 9197, 9217, 9232, 9237, 9249, 9268, 9313, 9340, 9422, 9492, 9502–9503, 9514, 9522, 9530, 9542, 9696, 9701, 9708, 9715, 9743–9744, 9746, 9748, 9756, 9813–9814, 9883–9884, 9904, 9912, 9916, 9926, 9998, 10029–10030, 10046, 10057, 10079, 10084, 10099, 10115, 10118, 10125, 10143, 10209, 10229–10230
PEPTIDE HYDROLASES: 4, 7, 25, 41, 52, 77, 79, 97, 99–100, 107, 111, 144, 165–166, 168, 181–182, 186, 192, 205, 232, 234, 259, 270–271, 283–284, 294, 325, 374, 376–377, 382, 388, 391, 400, 422, 489, 496, 498, 535, 537, 546–548, 592, 622, 643, 655, 682, 696–698, 718, 723–724, 743, 745, 762, 768, 811, 845, 848, 856–858, 860, 869, 879, 892, 899, 927, 956–957, 1000, 1029–1030, 1056, 1110, 1118, 1187, 1192, 1245, 1261, 1270, 1286, 1292–1293, 1298–1299, 1310, 1314, 1329, 1419, 1424–1426, 1429, 1454, 1466, 1508, 1532, 1547, 1551, 1561–1562, 1582, 1584, 1605, 1620, 1657, 1664, 1673, 1682–1684, 1705, 1761, 1803, 1812, 1855, 1857, 1873, 1903, 1916, 1924, 1926, 1941, 1959, 1962, 1976, 1990, 2030, 2072, 2129, 2145–2146, 2153, 2155, 2157, 2171, 2186–2187, 2224, 2254, 2259, 2267, 2304, 2314, 2336, 2340, 2352, 2356–2357, 2365–2367, 2388, 2414, 2417, 2447, 2449, 2462, 2464, 2494–2495, 2515, 2517, 2522–2523, 2529–2530, 2533, 2548, 2561, 2574, 2599, 2617–2618, 2639, 2649, 2694, 2701, 2731–2736, 2754, 2771, 2792, 2803, 2814, 2829–2830, 2852–2853, 2882, 2884, 2907, 2909, 2911, 2928–2929, 2938, 2955, 2974–2975, 2995–2996, 2998, 3010, 3020, 3022, 3027,

3092, 3098, 3100, 3183, 3205, 3207, 3228, 3253, 3261, 3274, 3283, 3300–3301, 3314, 3328, 3364, 3376, 3379, 3403, 3413, 3426, 3430, 3487, 3494, 3515, 3529, 3535, 3564, 3566, 3571, 3579, 3603, 3618, 3661, 3668–3669, 3687–3689, 3745, 3790, 3816, 3824, 3840, 3864, 3866, 3870, 3883, 3896, 3922, 3944, 3946, 3954, 3958, 3966, 3970, 3989, 4003, 4005, 4024, 4035, 4112, 4119, 4137, 4157, 4163, 4165, 4171, 4175, 4201, 4204, 4211, 4238, 4245–4246, 4264, 4273, 4275, 4294, 4308, 4369, 4380, 4390, 4405, 4410, 4416, 4432, 4434–4435, 4467, 4475, 4485, 4511, 4514, 4518, 4527–4528, 4541, 4545, 4548, 4555–4556, 4564–4565, 4576, 4600, 4605, 4629, 4640, 4650–4652, 4654, 4659, 4676–4677, 4682, 4688, 4690, 4719, 4721, 4736, 4748, 4750–4751, 4781, 4784, 4821, 4835, 4840, 4843, 4880, 4883, 4905–4906, 4919, 4941, 4943, 4950, 4955–4956, 4972, 4978, 4980–4981, 4988, 5013, 5026, 5034, 5051, 5059, 5088, 5131, 5139, 5162, 5170, 5177, 5179, 5218, 5256, 5273, 5325–5326, 5358, 5388, 5401, 5406, 5411, 5420, 5427, 5437, 5447, 5452, 5473, 5492, 5522, 5527–5528, 5540–5541, 5551–5552, 5568, 5572–5574, 5602, 5605, 5623, 5643, 5651, 5658–5659, 5694, 5700, 5716, 5719, 5727, 5747, 5751, 5758–5759, 5766, 5803, 5811–5812, 5870, 5873, 5894, 5898, 5901–5902, 5905, 5935, 5938, 5946–5947, 6007, 6034, 6053, 6101, 6138, 6155, 6163, 6175, 6179, 6190, 6244, 6255, 6259, 6274, 6285, 6296, 6303, 6321, 6325, 6350, 6357, 6367, 6385–6386, 6395, 6408, 6457, 6486, 6488, 6497–6499, 6506, 6512, 6515, 6518, 6521–6522, 6531–6532, 6539, 6587, 6589, 6600–6601, 6606, 6624, 6629, 6642, 6645, 6650, 6693, 6706, 6718, 6729, 6757, 6760, 6791, 6796, 6798, 6806–6807, 6810–6811, 6813, 6818, 6825, 6837, 6843–6844, 6855, 6866, 6877, 6891, 6898, 6916, 6927, 6929, 6931, 6937, 6946, 6972–6973, 6992, 6999, 7018, 7020, 7031, 7053, 7064, 7066–7067, 7073–7074, 7077–7078, 7102, 7115, 7118, 7127–7128, 7162, 7169, 7197–7198, 7202, 7206, 7210–7211, 7220, 7226, 7250, 7257, 7266, 7273, 7283, 7290, 7301, 7304, 7330, 7354, 7401, 7404, 7420, 7423, 7449, 7536, 7538, 7546–7547, 7574, 7586, 7614, 7620, 7625, 7634, 7636, 7638, 7673, 7676, 7693, 7759–7761, 7768, 7796, 7821, 7827, 7841–7842, 7853, 7858, 7862, 7864, 7866, 7871, 7890, 7892, 7908, 7911, 7914, 7954, 7977, 7983–7985, 7988, 8000, 8002, 8019, 8025, 8027, 8033, 8060, 8065, 8068, 8074–8075, 8088–8089, 8109, 8112, 8118, 8131, 8137–8138, 8149, 8160, 8181, 8185, 8189, 8221, 8230, 8240, 8272, 8277, 8280–8281, 8297, 8321, 8333, 8362, 8394, 8405, 8415, 8426, 8430, 8446–8447, 8453–8454, 8465, 8494–8495, 8504, 8515, 8538, 8555, 8574, 8632, 8641, 8643–8644, 8669, 8674, 8676, 8691, 8710, 8745, 8750, 8787, 8800, 8804, 8807, 8810, 8814, 8831, 8840, 8860, 8877–8878, 8880, 8898, 8908, 8921–8922, 8959, 8969, 8983, 8991, 8993, 9028–9030, 9040, 9054–9056, 9060, 9076, 9095, 9105, 9120, 9125–9126, 9134, 9142–9143, 9147, 9156, 9161, 9210, 9222, 9232, 9248, 9279, 9284, 9287, 9290, 9296, 9301, 9307, 9315–9316, 9318, 9328, 9349, 9351–9354, 9357, 9367, 9372, 9383, 9406, 9413–9414, 9416, 9422–9423, 9432, 9441, 9453, 9473, 9480, 9488, 9530, 9570, 9572, 9581, 9587, 9606, 9648–9650, 9667, 9671, 9676, 9680–9681, 9716–9717, 9748, 9750, 9802, 9807, 9814, 9825, 9828, 9835, 9889, 9925, 9929, 9955, 9963, 9981, 9987, 10011, 10022, 10029, 10031, 10035, 10042, 10055, 10070–10072, 10085, 10167, 10194, 10210, 10227, 10284, 10286, 10386, 10388

PEPTIDE INITIATION FACTORS: 3439, 9505

PEPTIDE PEPTIDOHYDROLASES: 2, 9, 55, 98, 125, 142, 156, 193, 210, 302, 319, 354, 382, 403, 451–452, 508, 525, 536–538, 549, 599, 671, 703, 718, 776, 843, 878, 886, 961, 998, 1000–1001, 1015–1017, 1060–1061, 1292, 1475, 1499, 1591, 1612–1613, 1655, 1675, 1741, 1857, 2183, 2229, 2247, 2273, 2326, 2381, 2439, 2448, 2477, 2701, 2716, 2723, 2760, 2816, 2889, 2899, 2956, 2972–2973, 2978, 3003, 3026, 3116, 3190, 3342, 3402, 3404, 3428, 3495, 3512, 3521, 3593, 3612, 3637, 3680, 3759, 3805, 3815, 3859, 3916, 3954, 3964, 4025, 4053, 4056, 4066–4067, 4134, 4156, 4169, 4172–4173, 4180, 4205, 4212, 4265, 4351, 4363, 4400, 4484, 4507, 4556, 4575, 4680, 4708, 4745, 4849, 4859, 4862, 4877, 4934, 4938, 4942, 4991, 5025, 5087, 5183, 5271–5272, 5301, 5310, 5331, 5470, 5616, 5644, 5665, 5676, 5739, 5751, 5874, 5895, 5897, 5941, 5964, 5971, 6001, 6003, 6052, 6057, 6136, 6177, 6238, 6269, 6304, 6324, 6360, 6502, 6513, 6637, 6689, 6752, 6778, 6865, 6971, 7026, 7051, 7224, 7282–7284, 7335, 7344, 7373, 7477, 7645, 7860, 7975, 8074, 8088, 8099, 8113, 8160, 8231, 8236, 8394, 8435–8436, 8575, 8635–8636, 8827, 8903, 8944, 9013, 9023, 9058, 9070, 9162, 9207–9208, 9211, 9219, 9255–9256, 9271, 9286, 9321, 9323–9324, 9423–9424, 9435, 9448, 9455, 9554, 9623, 9634, 9781–9782, 9969, 10032, 10043, 10132, 10165, 10198, 10242, 10325

PEPTIDE SYNTHETASES: 2803

PEPTIDE TERMINATION FACTORS: 6517–6518

PEPTIDES: 98, 258, 376–377, 595, 797, 856–858, 860–861, 897, 1000, 1257, 1394, 1416–1417, 1449, 1456, 1464, 1620, 1645, 1941, 1975, 2146, 2214, 2246, 2440, 2488, 2517, 2624, 2649, 2686, 2710, 2814, 2828–2830, 2938, 3000, 3046, 3079, 3092, 3215, 3233, 3386, 3474, 3590, 3745, 4056, 4116, 4122, 4198, 4211, 4238, 4246, 4302, 4436, 4491, 4512, 4528, 4545, 4556, 4635, 4736, 4786, 4799, 4978, 5013, 5025, 5425–5426, 5437, 5469, 5471, 5553, 5612, 5616, 5664, 5717, 5719, 5874, 6121, 6184, 6249, 6253, 6277, 6296, 6320, 6322, 6385–6386, 6510, 6644, 6783, 6802–6803, 6844, 6909, 6937, 7020, 7066, 7101–7102, 7105, 7206, 7262, 7358, 7744, 7772, 7957, 7966, 7975, 8004, 8019, 8060, 8075, 8089, 8109, 8164, 8272, 8282–8283, 8294, 8316, 8339, 8389, 8417, 8481, 8522, 8529, 8619, 8838–8839, 8883, 9031, 9052, 9073–9074, 9093, 9101, 9103, 9268, 9289, 9348, 9459, 9474, 9480, 9769, 9771, 9781, 9849, 9998, 10011, 10025, 10057, 10085, 10152, 10209

PEPTIDOGLYCAN: 3564, 4556, 4849, 7768, 9354

PEPTIDYL TRANSFERASES: 5719, 9782

PEPTONES: 6688

PEPTOSTREPTOCOCCUS: 2272

PERACETIC ACID: 8717

PERCHLORIC ACIDS: 6881, 7475

PERFUME: 6872

PERFUSION: 204, 379, 500, 607, 668, 753, 834, 1021, 1291, 1445, 1494, 1685, 2101, 2231, 2274, 2350, 2439, 2513, 3551–3552, 3779, 3932, 3996, 4277, 4875, 5274, 5291, 5311, 5463, 5577, 5841, 6897, 6945, 7177, 7415, 7482, 7686, 7996, 8050, 8052, 8247, 8905, 9687, 9749, 9923, 10071

PERHEXILINE: 8450

PERIARTERITIS NODOSA: 260, 2876, 3076, 3201, 3722, 4490, 4563, 5559, 5673, 6056, 6384, 7964

PERICARDIAL EFFUSION: 143, 910, 1268, 2487, 6378, 6685, 7007, 7792, 9477

PERICARDITIS: 383, 628, 1268, 3937, 7492, 9477, 10391

PERICARDITIS, CONSTRICTIVE: 143, 3666

PERICARDIUM: 143, 327, 383, 4155, 6820, 9780

PERIODIC ACID-SCHIFF REACTION: 8675, 9459

PERIODIC ACIDS: 1311, 2462, 6267, 6427, 7008, 8322, 9556, 9703

PERIODIC DISEASE: 7578

PERIODICITY: 278, 633, 5684, 7528

PERIODONTAL DISEASES: 496, 663, 4688, 6722, 7064, 8913

PERIODONTAL LIGAMENT: 1218

PERIODONTITIS: 497–498, 8913

PERIOSTEUM: 8064, 10051

PERIPHERAL NERVE DISEASES: 1081, 1692, 2124, 3035, 3110, 3114, 3798, 4055, 6648, 8863

PERIPHERAL NERVE NEOPLASMS: 5209, 8146, 8863, 10052

PERIPHERAL NERVES: 2767, 3586, 5038, 7403, 8229, 8659

PERISSODACTYLA: 2033, 6834, 8155

PERITONEAL CAVITY: 6612, 7461, 10188

PERITONEAL DIALYSIS: 453, 2308, 3514, 6220, 6878, 7846, 7861, 8492, 9753

PERITONEAL DISEASES: 4675, 5517, 7479, 8216, 8749, 9858

PERITONEAL FLUID: 263, 511, 581, 690, 2707, 3027, 6019, 7118, 7345, 7479, 7975, 8402, 9025

PERITONEAL NEOPLASMS: 10146

PERITONEUM: 713, 1253, 4399, 6294, 8749, 8910

PERITONITIS: 358, 453, 705, 2490, 2707, 3697, 3874, 4057, 4329, 4634, 4739, 4805, 4834, 5028, 5357, 5789, 6241, 6414, 6474, 6684, 6878, 7324–7325, 7479, 7623, 8205, 8876, 9274, 9397

PERMEABILITY: 547, 1257, 1418, 6102, 6961, 7810, 8890, 9366, 9768

PEROXIDASES: 1146–1147, 3095, 4239, 4326, 5106, 5163, 5196, 5793, 6763, 7116, 9696, 9883–9884

PEROXIDES: 2, 202, 1277–1278, 1522, 1528, 1635, 1637, 2009, 2325, 2430, 3163, 3293, 3842, 4602, 5065, 5133, 5196–5197, 5385, 6172, 6238, 6270, 6272–6273, 6554, 7609, 7938, 7962, 8614, 8616, 8943, 8989

PERSONALITY: 2497, 5885, 6452, 8783

PERSONALITY ASSESSMENT: 8784

PERSONALITY DEVELOPMENT: 66

PERSONALITY DISORDERS: 5178, 8783, 9037

PERSONALITY INVENTORY: 7451, 8784

PERTUSSIS VACCINE: 3825

PESTICIDE RESIDUES: 2788

PETROLEUM: 9556

PHAGOCYTE BACTERICIDAL DYSFUNCTION: 9908

PHAGOCYTES: 144, 289, 1930, 2464, 2574, 3183, 3579, 4399, 5672, 9908

PHAGOCYTOSIS: 59, 144, 544, 787, 918, 921, 924, 1224, 1351, 1566, 1791, 1962, 2111, 2369, 2444, 2566, 2574, 2907, 3302, 3790, 3842, 4119, 4196, 4245, 4713, 5029, 5142, 5413, 5479, 5591, 5670–5671, 5677, 6264, 6385, 6461, 6688, 6753, 6891, 7004, 7193, 7200, 7203, 7213, 7525, 7537, 7768, 7804, 7864, 8374, 8565, 8642, 8708, 8710, 8745, 8957, 8993, 9054, 9508, 9556, 9626, 9908, 10005, 10045, 10297

PHARMACEUTIC AIDS: 91, 476, 4102, 5919, 9174

PHARMACISTS: 2840, 4949, 5733

PHARMACOGENETICS: 6086

PHARMACY: 5733
PHARYNGEAL DISEASES: 240, 6864
PHARYNGEAL NEOPLASMS: 5300, 6657, 10065
PHARYNX: 745, 4901
PHENACETIN: 2466, 6500
PHENANTHROLINES: 388, 1512, 2515, 2517, 4416, 5601, 7914, 7955, 8447, 8531, 9384, 9530
PHENAZINES: 4673, 8531
PHENELZINE: 640, 6450
PHENETHANOLAMINE N-METHYLTRANSFERASE: 9282
PHENETHYL ALCOHOL: 1481
PHENETHYLAMINES: 2131, 2218, 3181, 3959, 7222, 9695
PHENFORMIN: 3323, 3733–3734, 4018, 4292, 7129, 8209, 8371
PHENINDIONE: 1145, 1205, 2203, 3315, 4383, 4725, 5058, 5239, 5241, 5377, 5734, 6103, 7313, 7564, 8377, 8381, 9227, 9535, 9564, 10272
PHENMETRAZINE: 4632
PHENOBARBITAL: 96, 515, 898, 2556, 3777, 3858, 5053, 5144, 6639–6640, 6829, 6888, 7175, 7271, 7606, 7685, 8568, 8920, 9194, 9300, 10097, 10126
PHENOLPHTHALEINS: 5532
PHENOLS: 682, 1100, 4028, 4194, 5477, 8640
PHENOPERIDINE: 5781
PHENOTHIAZINE TRANQUILIZERS: 6573
PHENOTHIAZINES: 2307, 7062, 10153
PHENOTYPE: 46, 1292, 1476, 1843, 2149, 2522, 2622, 2679, 3195–3196, 3332, 3478, 3801, 4622, 4745, 5667, 5935, 6228, 6796, 6936, 7634, 7847, 8221, 8332, 8787, 9527, 9623, 9660, 9788
PHENOXYBENZAMINE: 3942, 6469, 8317, 9104
PHENPROCOUMON: 35, 791, 1194, 2121, 2702, 3777, 4073, 4255, 4724–4726, 6413, 8142, 9578, 9639, 10043, 10270
PHENTOLAMINE: 115, 1922, 3709, 4157, 6209, 6279, 8653, 9399, 10182
PHENYL ETHERS: 5344
PHENYLACETATES: 422, 441, 2389, 4092, 4573, 4972, 8427–8428
PHENYLALANINE: 2668, 2694, 3386, 3822, 4116, 4390, 4880, 4943, 5208, 5874, 6589, 7933, 8148, 8494, 8589, 8829, 8839, 9723, 9917, 9963
PHENYLBUTAZONE: 34, 365, 683, 1101, 1369, 2466, 3611, 4344, 5021, 6357, 7118, 9019, 9266, 9564, 9778, 9909
PHENYLBUTYRATES: 1230, 1383, 3478
PHENYLENEDIAMINES: 7732
PHENYLEPHRINE: 115, 6140, 9500
PHENYLKETONURIA: 4873
PHENYLMERCURIC ACETATE: 7590, 8304
PHENYLMETHYLSULFONYL FLUORIDE: 99, 452, 696–698, 1105, 1499, 1532, 3020, 3634, 3654, 3824, 4775, 5296, 5623, 5644, 5758, 6877, 7612, 8160, 8643, 9488
PHENYLPROPIONATES: 1180, 2680, 5550, 6067, 6872, 7046, 8577–8578, 9485
PHENYLPYRUVIC ACIDS: 422, 1056, 3698, 4776
PHENYLUREA COMPOUNDS: 9282
PHEOCHROMOCYTOMA: 5298, 6469, 9215
PHLEBITIS: 585, 1035, 1312, 1442, 2041, 2230, 2820, 3187, 3449, 3559, 3615, 3730, 3903, 4383, 5188, 5820, 6031, 6415, 6424, 6776, 7199, 7227, 7363, 7493–7494, 7737, 7838, 8330, 8512, 9024, 9509, 9538, 9619, 10048
PHLEBOGRAPHY: 528, 531, 594, 748–749, 752, 793, 1044, 1092, 1165–1166, 1203, 1423, 1819–1820, 2345, 2402, 2454, 2549, 2565, 2636, 2676, 2697, 2713, 2780–2781, 2813, 2912, 2934, 2936, 3056, 3268, 3272, 3344, 3436, 3607, 3645, 3647, 3720, 3749, 3830, 3881, 3914, 4046, 4283, 4458, 4628, 4896, 5028, 5189, 5288–5289, 5409, 5516, 5585, 5596, 5720, 5820, 5877, 6025–6027, 6109, 6275, 6365, 6374, 6419–6420, 6613–6614, 6623, 6675, 6737, 6741, 6768, 6775, 6963, 7082, 7178, 7276, 7335, 7578, 7598, 7750, 7872, 7941, 8328, 8330, 8355, 8368, 8734, 8857, 8859, 9020, 9193, 9218–9219, 9495, 9616, 9728, 9855, 9913, 10173
PHLEGMASIA ALBA DOLENS: 6275, 7215, 8859
PHLORETIN: 6856
PHONOCARDIOGRAPHY: 1069, 4559, 5421, 6312, 7990, 9355, 10304
PHORBOLS: 3061, 6454, 9541
PHOSPHATASES: 49, 498, 765, 1694, 2048, 2620, 5301, 5444, 5751, 6136, 6532, 6587, 6779, 7827, 8779, 8804, 9945
PHOSPHATES: 232, 246, 399, 799, 814, 1026, 1108, 1137, 1480, 1845, 1885, 1978–1979, 1983–1985, 1994, 2241, 2457–2458, 2561, 2802, 3335, 3465, 3542, 3617, 3667, 3772, 3909, 3947, 4102, 4696, 4819, 5129, 5369, 5681, 6108, 6123, 6258, 6337, 6673, 6754, 7696, 8415, 8418, 8585, 8587, 8592, 8944, 9246, 9348, 9478–9479, 9725, 9916, 9983, 10001, 10012, 10156, 10168, 10292
PHOSPHATIDIC ACIDS: 54, 1187, 4574
PHOSPHATIDYLCHOLINES: 54, 851, 896, 1630, 2302, 2382, 2473, 2704, 2825, 3582, 4008–4009, 4333, 4374, 4425, 4779, 5752, 6224, 6379, 6709, 7816, 8248, 9482, 9755, 10098, 10379
PHOSPHATIDYLETHANOLAMINES: 851, 2302, 2516, 4333, 6917, 8069, 9614
PHOSPHATIDYLINOSITOLS: 851
PHOSPHATIDYLSERINES: 851, 3909, 6406, 9299
PHOSPHO-2-KETO-3-DEOXY-GLUCONATE ALDOLASE: 9340
PHOSPHO-2-KETO-3-DEOXY-HEPTONATE ALDOLASE: 8524
PHOSPHOAMIDASE: 1074
PHOSPHOCREATINE: 3793, 3811, 9345
PHOSPHODIESTERASES: 38, 326, 509, 555, 845, 1512, 2294, 3047, 3835, 4201, 4426, 4988, 6464, 6728, 7180, 7908, 9114, 9142, 9308, 9779, 10139
PHOSPHOENOLPYRUVATE: 799, 7516
PHOSPHOENOLPYRUVATE CARBOXYKINASES: 7516
PHOSPHOFRUCTOKINASE: 55, 3228, 3816, 4512, 8522, 9743
PHOSPHOGLUCOMUTASE: 703, 1292, 4400, 6752
PHOSPHOGLUCONATE DEHYDROGENASE: 1292, 3253, 4400, 5226, 6708, 6752
PHOSPHOGLYCERATE KINASE: 412, 6582, 9501
PHOSPHOINOSITIDES: 303, 4574
PHOSPHOLIPASE: 19, 192, 486, 851, 896, 898, 1256, 1331, 1512, 2283, 2302, 2401, 2516, 2530, 2861, 2939, 3102–3104, 3571, 3582, 4009, 4105, 4214, 4277, 4311, 4414, 5003, 5151, 5199, 5228, 5384–5385, 6360, 6915, 7185–7186, 7410, 7490, 7607, 7816, 7905, 8166, 8322, 8926, 9084, 9267, 9417, 9480, 9534, 9641, 9730, 9956
PHOSPHOLIPIDS: 144, 248, 307, 509, 561, 573, 612, 851, 885, 896, 1187, 1215, 1337, 1432, 1500, 1512, 1631, 1759, 2076, 2401, 2620, 2643, 3064, 3127, 3156, 3340–3341, 3590, 3707, 4221, 4574, 4880, 5197, 5199, 5369, 5603, 5732, 5899, 6107, 6465, 6569–6570, 6951, 7014, 7193, 7220, 7235–7236, 7279, 7370, 7388, 7657, 7853, 8032, 8312, 8379–8380, 8383, 8969, 9151, 9260, 9417, 9482–9483, 9609, 9755, 9815, 9957, 9959, 10034, 10109, 10143, 10160, 10263, 10306, 10378
PHOSPHOMONOESTERASES: 1975, 2019, 3043, 4201, 5292, 6360, 9246, 9904, 10127
PHOSPHONIC ACIDS: 3792
PHOSPHOPEPTIDES: 5826, 9904
PHOSPHOPROTEINS: 269, 374, 1455, 3043, 3684–3685, 5085, 5826, 8339, 8360, 8779, 9348, 9904, 9984
PHOSPHOPYRUVATE HYDRATASE: 4400
PHOSPHORANES: 9282
PHOSPHORESCENCE: 5359
PHOSPHORIBOSYL PYROPHOSPHATE: 565, 6541, 8847
PHOSPHOROUS ACIDS: 1590
PHOSPHORUS: 330, 896, 1156, 1308, 4239, 4819, 8415, 8638, 9366, 9726, 10179
PHOSPHORUS ISOTOPES: 5129, 7524
PHOSPHORUS RADIOISOTOPES: 2161, 3702, 3995, 4293, 5369, 8501, 8782
PHOSPHORYLASE KINASE: 3477, 6258, 9500
PHOSPHORYLASE PHOSPHATASE: 1694, 2019, 5292
PHOSPHORYLCHOLINE: 2625, 3772, 4374
PHOSPHOTRANSFERASES: 799, 1292–1293
PHOSPHOTRANSFERASES, ATP: 49, 480, 632, 1975, 2004, 4574, 4988, 5401, 8608, 8661, 9701, 10079
PHOSPHOTUNGSTIC ACID: 3553, 5561, 7673
PHOSVITIN: 5753, 7101, 7520, 8534
PHOTIC STIMULATION: 1247, 8238, 9695
PHOTOCHEMISTRY: 101, 2842, 4160, 4365, 4484, 4760, 5359, 5524, 6921, 7705, 8238, 9175, 9759, 9953
PHOTOFLUOROGRAPHY: 4582
PHOTOGRAPHY: 912, 9249
PHOTOLYSIS: 9269
PHOTOMETRY: 197, 912, 1135, 1384, 5946, 7151, 8124, 8126, 9869
PHOTOSENSITIZATION: 559, 2672, 2753, 4152, 5069, 5519, 5589, 10232
PHOTOSYNTHESIS: 4142, 7569, 9282
PHTHALAZINES: 38, 326
PHTHALIC ACIDS: 2822, 3745, 4242, 6205
PHYLOGENY: 437, 1671, 1936, 5648
PHYSALAEMIN: 9052–9053
PHYSARUM: 961
PHYSICAL EDUCATION AND TRAINING: 8057
PHYSICAL EXAMINATION: 1388, 2790, 3155, 4616, 5879, 6614, 7125, 7193, 9007
PHYSICAL FITNESS: 2831, 5835, 6421
PHYSICAL THERAPY: 117, 286, 1700, 4536, 4812, 4925, 6026, 6093, 6418, 9876
PHYSICIAN-PATIENT RELATIONS: 3850, 9943, 10311
PHYSICIANS: 769
PHYSICS: 8683
PHYSOSTIGMINE: 2533, 4157, 5469
PHYTONADIONE: 523, 527, 1818, 2663, 3363, 3378, 8387,

9014, 9524, 10379
PHYTOSTEROLS: 10380
PIA MATER: 533, 9398
PICKWICKIAN SYNDROME: 6292
PICOLINIC ACIDS: 8538
PICORNAVIRUSES: 8362
PICRATES: 6121, 8325
PICRYL CHLORIDE: 10246
PIERICIDIN A: 8531
PIGEONS: 2117, 2898, 4673, 5413, 5415, 7405, 9725–9726
PIGMENT EPITHELIUM OF EYE: 2344, 4616, 7877, 8419
PIGMENTATION: 1496, 6151, 8699, 8993
PIGMENTATION DISORDERS: 2672, 4232, 4616, 5595, 6151, 7732, 9697
PIGMENTS: 334, 3710, 4774, 5091, 8419, 8952, 9970
PILOCARPINE: 2387, 6897
PILOT PROJECTS: 1967, 8401
PINDOLOL: 6538
PINEAL BODY: 884, 4034, 6356, 8165, 10127
PINEALOMA: 5354
PINOCYTOSIS: 1193, 1920, 1962, 2336, 2566, 3957, 4399, 5522, 7888
PIPECOLIC ACIDS: 62
PIPERAZINES: 350, 1220, 7716, 8727
PIPERIDINES: 3429, 5263, 5455, 9108
PITUITARY GLAND: 125, 377, 1097, 1783, 3328, 3402, 4835, 5013, 5425–5426, 6757, 6912, 6988, 7820, 9393
PITUITARY GLAND, ANTERIOR: 125, 3328, 4499, 4835, 5013, 5420, 6912, 7820, 9393, 9667, 9925
PITUITARY GLAND, POSTERIOR: 945, 2938
PITUITARY HORMONE RELEASING HORMONES: 3402
PITUITARY HORMONES: 348, 617
PITUITARY HORMONES, ANTERIOR: 4806, 5173, 10013
PITUITARY NEOPLASMS: 276, 348, 3092, 7245, 8146, 8165
PITUITRIN: 1539
PITYRIASIS: 7570
PLACEBOS: 175, 180, 288, 837, 1261, 1562, 1606, 1748, 1900, 2205, 2260, 3487, 3508, 4050, 4163, 4820, 5287, 5593, 5735, 6934, 7648, 7666, 7848, 7976, 8222, 9598, 9606, 9608, 9639
PLACENTA: 402, 699, 707, 987, 2110, 2558, 2708, 2736–2737, 2810, 2971, 3123, 3249, 3524, 3759, 4165, 5175, 5575, 5714, 7266, 7412, 7639, 7808, 9424, 9536–9537, 9730, 9828, 9916, 10119
PLACENTA DISORDERS: 988, 1802, 3668, 5765, 6949, 7576, 9537, 9975
PLACENTA PRAEVIA: 3565, 9975
PLACENTAL EXTRACTS: 821, 1432
PLACENTAL HORMONES: 617
PLACENTAL LACTOGEN: 2984–2985
PLAGUE VACCINE: 9707
PLANT AGGLUTININS: 703, 810, 864–865, 921, 1654, 1690, 1812, 2068, 2757, 2904, 3126, 3314, 4089, 4226, 4306, 4448, 4671, 4729, 4818, 5086, 5246, 5629, 5635, 5966, 6149, 6267, 6306, 6557, 7047–7048, 7231, 7615, 7909, 8110, 8279, 8360, 8573, 8817, 9292, 9647, 9658, 9671, 9956
PLANT DISEASES: 4821
PLANT EXTRACTS: 2455, 2511, 3045, 3710, 4152, 4194, 5884, 7414, 7451, 7948
PLANT POISONING: 8767
PLANT PROTEINS: 495, 599, 629, 661, 1245, 2449, 2904, 3515, 4156, 4823, 5368, 5452, 5612, 5780, 6349, 7066, 7599–7600, 7862, 8118, 8297, 8415, 8465, 8723, 8768, 8952, 9544, 10380
PLANT TUMORS: 7516
PLANT VIRUSES: 1719, 3316, 5368, 7516, 9492
PLANTS: 29, 79, 104, 264, 441, 588, 599, 856–857, 859–861, 1007, 1198, 2123, 2131, 3016, 3283, 3515, 3991, 4110, 5519, 6107, 6285, 6483, 6636, 6916, 7051, 7569, 7673, 7862, 7936, 7977, 8061, 8076, 8199, 8230, 8465, 8768, 8952, 9273, 9750, 9884, 10070, 10103, 10159
PLANTS, EDIBLE: 5452, 6372, 6898, 9789, 10380
PLANTS, MEDICINAL: 50, 732, 1937, 2670, 3252, 3710, 3839, 5069, 5884, 6880, 7451, 7948
PLAQUE ASSAY: 1659, 5122, 5965, 6259, 9043
PLASMA: 274, 444, 469, 507, 676, 822, 833, 1436, 1655, 1801, 2306, 2535, 2552, 2623, 2832, 2837, 2900, 3087, 3167, 3179, 3414, 3474, 3542, 3740, 3783, 4097, 4505, 4590, 4609, 4615, 4698, 4822, 5348, 5365, 5383, 5432, 5634, 5645, 5921, 6340, 6441, 6450, 6452, 6748, 7055, 7163, 7305, 7499, 7895, 7947, 8096, 8126, 8224, 8460, 8499, 8510–8511, 8674, 8905, 9110, 9196, 9332, 9371, 9531, 9585, 9863, 10060, 10086, 10180, 10225, 10278
PLASMA CELLS: 2462, 2574, 7755, 8306
PLASMA SUBSTITUTES: 84, 456, 734, 1027, 1078, 1439, 1742, 2037, 2348, 3438, 3461, 3658, 3872, 4710, 5155, 5253, 5459, 5490, 5564, 6111–6112, 6431, 6647, 7058, 7130, 7150, 7181, 7439, 7849, 8016, 8224, 8506, 8798, 8837, 8955, 9590, 9700, 9727, 10157
PLASMA VOLUME: 4203, 5697, 6111, 7130, 8073, 8955
PLASMACYTOMA: 2196, 2613, 4132, 8234, 8874, 9807
PLASMAPHERESIS: 506, 1004, 1271, 1328, 1375, 1782, 2185, 2642, 2767, 3297, 3392, 3425, 3902, 4272, 4452, 5130, 5628, 6213, 6733, 6774, 6852, 7201, 8497, 8726, 8858, 9159, 9231, 9888, 10128
PLASMIDS: 2352, 3033, 7728, 9413, 10022
PLASMINOGEN: 18, 175–177, 215, 221, 266, 368, 440, 445, 465, 473, 932, 1116, 1130, 1398, 1449–1451, 1498, 1560, 1612–1613, 1708, 1711, 1734, 1736, 2338, 2405, 2585, 2691, 2716, 2856, 2917, 3067, 3101, 3120, 3259, 3366, 3419, 3513, 3533–3534, 3665, 3687, 3738, 3784, 3868, 3885, 3971, 4061, 4469, 4503, 4535, 4653, 4698, 4793, 5011, 5176, 5181, 5183, 5383, 5505, 5575, 5759, 5837, 5903, 5939, 5941, 6323, 6334, 6336, 6338–6339, 6549, 6634, 6688, 6865, 7026, 7043, 7499, 7517–7518, 7634, 7649, 7664, 7670, 8048, 8104, 8253, 8271, 8517, 8528, 8673, 8714, 8865, 8940–8941, 8978, 9015, 9211, 9225, 9295, 9602, 9637, 9893, 9996–9997, 10033, 10105, 10138, 10186, 10290
PLASMINOGEN ACTIVATORS: 145, 221, 226, 231, 266, 465, 664, 755, 776, 1253, 1498, 1560, 1600, 1655, 1698, 1708, 1736, 2550, 2612, 2754, 2931, 2935, 3295, 3513, 3530, 3734, 3738, 3885, 4067, 4273, 4503, 4680, 4793, 4799, 4808, 4816, 5023, 5066, 5176, 5497, 5505, 5882, 5939, 5941, 5967, 6001, 6339, 6495, 6616, 6619–6620, 6637, 6688, 6690, 6868, 7518, 7573, 7635, 7664, 7692, 7853, 8656, 8673, 8679, 8802, 8941, 9018, 9211, 9225, 9435, 9498, 9541, 9694, 9893, 10033, 10038, 10111
PLASMODIUM: 2987, 6170
PLASMODIUM FALCIPARUM: 6170, 6437, 8292, 8624
PLASMODIUM VIVAX: 3506
PLASTICIZERS: 4242
PLASTICS: 822, 2822–2823, 4907, 5365, 5792, 6726, 6922, 7229, 7997, 8587, 8688, 10285
PLATELET ADHESIVENESS: 203, 267, 279, 295, 360, 386, 398, 440, 545, 600–604, 646–647, 674, 717, 734, 756, 798, 816, 823–824, 826, 950, 1007, 1023–1024, 1113–1114, 1189, 1209, 1240, 1257, 1363, 1448, 1469–1470, 1505, 1554, 1713, 1809, 1901, 1969, 1991, 2011, 2046, 2054, 2106, 2136, 2199, 2231, 2333, 2493, 2508, 2513, 2559, 2704, 2797, 2824, 2826, 2849, 3135, 3178, 3238, 3356, 3408, 3582, 3691, 3696, 3817, 4231, 4243–4244, 4344, 4346, 4372, 4678, 4716, 4936, 4946, 5035, 5041, 5116, 5136, 5303, 5322–5323, 5413, 5432, 5483, 5783, 5806–5807, 5914, 5927–5928, 5936, 5955, 5966, 6081, 6102, 6146, 6213, 6535, 6633, 6662–6663, 6710, 6714, 6735, 6856–6857, 6950, 7015, 7037, 7043, 7129, 7146–7147, 7190, 7305–7306, 7334, 7368, 7458, 7489, 7528, 7601, 7714, 7823–7824, 7839, 7875, 7883, 7893–7894, 7938, 7940, 7942–7943, 7986, 8053, 8092, 8314–8315, 8344, 8372, 8492, 8551, 8627, 8778, 8934, 8960, 8965, 9252–9253, 9304, 9345, 9412, 9442, 9459, 9679, 9731, 9772, 9790, 9805, 9811, 9922, 10083, 10196, 10204, 10318
PLATELET AGGREGATION: 8, 48, 62, 120, 164, 197, 199–201, 206, 267, 274, 279, 295, 326, 357, 360, 398, 424, 430, 440, 472–473, 477–479, 481, 509, 521, 555, 600–603, 612, 654, 674, 681, 717, 719, 784, 790, 808, 823–824, 896, 950, 963, 1023–1024, 1047–1049, 1058, 1064, 1066, 1072, 1077, 1082, 1084, 1113–1114, 1133, 1135, 1174, 1181, 1189, 1197, 1215, 1238, 1240, 1249, 1277, 1363–1364, 1369, 1376, 1383, 1417, 1430, 1454, 1461, 1469–1470, 1505, 1511, 1522–1523, 1536–1537, 1563–1564, 1575, 1592, 1619, 1632, 1635, 1637, 1656, 1665, 1678, 1728–1729, 1740, 1755, 1765–1766, 1768, 1775, 1780, 1786, 1794, 1860, 1901, 1906, 1960, 1968–1970, 1988–1989, 2009, 2021–2024, 2026, 2029, 2031, 2036–2037, 2046, 2054–2055, 2078, 2136, 2142, 2154, 2167, 2208, 2217, 2234, 2258, 2333, 2353, 2407–2408, 2452, 2493, 2508, 2513, 2525, 2541, 2546, 2569, 2582, 2615–2616, 2624–2626, 2641, 2689, 2704, 2708, 2720–2721, 2740, 2809, 2824, 2826, 2859, 2861, 2951–2952, 2957, 2959, 2979–2981, 2993–2994, 3047, 3061, 3064–3065, 3104, 3135–3136, 3149–3150, 3163, 3178, 3212, 3220, 3238, 3293, 3296, 3299, 3339, 3347, 3356–3357, 3399, 3408, 3429, 3457, 3466, 3470–3472, 3474, 3482, 3508, 3527, 3541, 3582, 3601, 3623–3625, 3627, 3650, 3685, 3696, 3698, 3750, 3753–3754, 3770, 3781, 3791, 3793, 3796–3797, 3802–3803, 3845–3846, 3853, 3892, 3894–3895, 3940, 3945–3946, 3948, 3963, 3973, 3979, 3981, 4000, 4083–4084, 4088–4089, 4105, 4135, 4159, 4218, 4244, 4266, 4316, 4342, 4344, 4346, 4372–4375, 4386, 4447, 4574, 4588–4589, 4611, 4665, 4715–4716, 4728–4729, 4778, 4781–4782, 4794, 4804, 4838, 4867, 4935, 4946, 5014–5015, 5021, 5029, 5034–5035, 5041, 5103–5104, 5151, 5156, 5199, 5202–5203, 5205, 5259–5260, 5262, 5264, 5282, 5285, 5287, 5312, 5341, 5384–5385, 5405, 5413, 5444, 5477, 5479–5480, 5506, 5513, 5515, 5535, 5633, 5668, 5710–5711, 5754, 5783, 5817, 5825, 5868, 5872, 5875, 5898, 5908, 5914, 5927–5928, 5953, 5967, 6011, 6020, 6126, 6135, 6145–6146, 6172, 6187, 6198, 6202, 6212–6213, 6243, 6253, 6271, 6273, 6319, 6383, 6421, 6429, 6465, 6475, 6479–6480, 6492, 6538, 6551, 6555, 6633–6634, 6644–6645, 6663, 6705, 6714, 6738, 6746–6747, 6781, 6816,

6824, 6838, 6850, 6857, 6883, 6917, 6942, 6950, 7005, 7015, 7035, 7037, 7043, 7047–7048, 7054, 7070, 7087, 7092, 7146, 7163, 7186, 7190, 7213, 7228, 7297, 7305, 7318, 7326, 7334, 7348, 7380, 7388, 7392, 7397, 7418, 7445, 7448, 7458, 7486, 7489, 7549, 7581–7583, 7624, 7628, 7662, 7667, 7676, 7696, 7714, 7730, 7763, 7773–7774, 7776, 7779, 7813, 7824, 7840, 7854, 7875, 7883, 7893–7894, 7923, 7938, 7940, 7942–7943, 7945, 7961, 7976, 7986 8018, 8057, 8078, 8092, 8127, 8134, 8155, 8166, 8172, 8184, 8251–8252, 8284, 8312–8313, 8344, 8353, 8370, 8380, 8408, 8440, 8478–8479, 8540, 8545, 8551, 8575, 8593, 8614–8616, 8627, 8642, 8646, 8664, 8694–8695, 8715, 8726, 8737, 8757, 8778, 8805, 8836, 8845, 8868, 8888, 8906, 8957, 8981, 8989, 9051, 9083, 9102, 9158, 9226, 9252–9253, 9304, 9338, 9345, 9373, 9412, 9446–9447, 9457, 9459, 9482, 9508, 9532–9534, 9576–9577, 9586–9587, 9600, 9603, 9638–9641, 9679, 9698, 9704, 9731, 9736, 9751, 9760–9761, 9772, 9783–9786, 9792, 9832, 9835, 9872, 9879, 9895, 9900, 9907, 9922, 9974, 10025, 10037, 10066, 10075, 10081, 10083, 10116, 10139, 10160–10162, 10166, 10182, 10197, 10231, 10234, 10250, 10270, 10293–10294, 10296, 10317–10318, 10334, 10365, 10378

PLATELET FACTOR 3: 48, 479, 1240, 1315, 1470, 1656, 2624, 2641, 2826, 3220, 3429, 3466, 3691, 3706, 3791, 4372, 4524, 4782, 5035, 5391, 5535, 6399, 6401, 6429, 6465, 6496, 6747, 6915, 7326, 8545, 8695, 9457, 9508, 9879

PLATELET FACTOR 4: 1240, 1586, 1592, 1918, 2104, 2898, 3149–3151, 3781, 3804, 4372, 4782, 5035, 5391, 5535, 5668, 6313, 6319, 6643, 6747–6748, 6828, 7326, 7458, 7922, 7924, 8695, 8757, 9446, 9760, 10358

PLATINUM: 4024, 8579, 8908

PLATINUM DIAMMINODICHLORIDE: 9994, 10100

PLETHYSMOGRAPHY: 531, 1820, 2873, 2936, 3154, 3445, 3881, 4368, 5010, 6358, 6614, 6623, 8856–8857, 9205

PLETHYSMOGRAPHY, IMPEDANCE: 1819, 1997, 3749, 3881, 4046, 4048, 5288–5289, 5702, 6365, 7447, 7598, 7996, 8018, 8330, 8663, 9295, 9426, 9855, 9913, 10173

PLETHYSMOGRAPHY, WHOLE BODY: 1601

PLEURA: 158, 8368, 8687

PLEURAL DISEASES: 8046, 9166, 9454

PLEURAL EFFUSION: 1415, 1552, 2051, 2178, 3423, 3501, 5484, 5875, 6046, 7006, 8368, 10002

PLEURAL NEOPLASMS: 3782, 9166

PLEURISY: 355, 2178, 3111, 3937, 4120, 8211, 9780

PLEUROPNEUMONIA, CONTAGIOUS: 2236, 4804

PLOIDIES: 6694, 6769

PNEUMATOSIS CYSTOIDES INTESTINALIS: 982, 2188

PNEUMOCOCCAL INFECTIONS: 1832, 3055, 3475

PNEUMOCONIOSIS: 144

PNEUMOENCEPHALOGRAPHY: 566, 6167

PNEUMOMEDIASTINUM, DIAGNOSTIC: 1403

PNEUMONECTOMY: 574, 2270, 2443, 2494, 3423, 4479, 5801, 8744, 9441, 9942

PNEUMONIA: 217, 271, 518, 740, 850, 1103, 1360, 2445, 2451, 2489, 2579, 2658, 2812, 3031–3032, 3229, 3558, 3769, 3828, 4120, 4188, 4398, 4968, 5357, 5641, 5816, 6056, 6621, 6631, 6908, 7637, 7829, 7910, 8205, 8563–8564, 8597, 8744, 9005, 9112, 9848, 9951, 10311

PNEUMONIA, ASPIRATION: 7336, 8459

PNEUMONIA, INTERSTITIAL PLASMA CELL: 2360, 7792

PNEUMONIA, LIPID: 110

PNEUMONIA, LOBAR: 5843

PNEUMONIA, STAPHYLOCOCCAL: 506, 7535

PNEUMONIA, VIRAL: 2906, 10008

PNEUMOPERITONEUM, ARTIFICIAL: 9857

PNEUMOTHORAX: 464, 1312, 2133, 3573, 4566, 6665, 7246, 8255, 8956, 9780

PODOPHYLLIN: 2123

PODOPHYLLOTOXIN: 1221, 1812, 7709, 8111

POISONING: 515, 607, 3779, 3858, 3917, 5641, 5733, 6032, 8197, 9231, 9747

POISONS: 1540

POLAROGRAPHY: 3045, 4476, 5197, 9174, 9817

POLIOVIRUS: 2089, 3519, 9154

POLIOVIRUS VACCINE: 1731

POLLEN: 1252

POLY A: 1965, 3013–3017, 4106, 4114, 5067, 5308, 5753

POLY ADENOSINE DIPHOSPHATE RIBOSE: 41

POLY C: 4114, 5067

POLY G: 4115, 5067, 10191

POLY I-C: 245, 3439, 8321

POLY U: 3386, 4114, 4833, 5067, 5308

POLYAMINES: 1756, 2744, 4158, 5067, 5106, 7175, 8294

POLYANETHOL SULFONATE: 7647

POLYCHAETA: 7078

POLYCHLOROBIPHENYL COMPOUNDS: 7249

POLYCYCLIC HYDROCARBONS: 1132

POLYCYTHEMIA: 161, 1754, 1846, 2036–2037, 2526, 2604, 2657, 5815, 5922, 6166, 6220, 6685, 7199, 7390, 8530, 9386

POLYCYTHEMIA VERA: 46, 1178, 2504, 3084, 3371, 3642, 3702, 4069, 5223, 5730, 6166, 7147, 7157, 7367, 8501, 9179, 9263, 9735

POLYENES: 2543, 2842

POLYESTERS: 1640, 9669

POLYETHYLENE GLYCOLS: 25, 804, 3635, 3661, 4591, 5238, 5699, 6129, 6463, 7131, 7312, 8397, 9174, 9841

POLYETHYLENE TEREPHTHALATE: 1369, 1714, 2391, 3481, 3483, 6328, 6710, 6820, 7196, 7344, 7747, 8117, 8895, 9669, 9797

POLYETHYLENEIMINE: 92

POLYETHYLENES: 275, 1120, 1554, 3742, 4242, 7675, 8688, 9418, 10048, 10136

POLYGALACTURONASE: 6285

POLYHEDROSIS VIRUSES: 8481

POLYLYSINE: 211, 245, 391, 578, 2624, 3474, 3683, 4729, 5207, 5469, 5717, 6253, 8294, 8417, 8839, 9051, 10102, 10296

POLYMERS: 15, 738–739, 871, 1121, 1209, 1407, 1554–1555, 1812, 1823, 2103, 2564, 2610, 2913, 3240, 3362, 3763, 4588, 4661, 4716, 5138, 5187, 5215, 5322, 5608, 5717, 6113, 6232, 6735, 7231, 7417, 7464, 8026, 8468, 9301, 9309, 9394, 9977, 10136

POLYMETHACRYLIC ACIDS: 1554, 1809, 5015, 5126, 6520, 6980, 7777, 9372

POLYMORPHISM (GENETICS): 150, 189, 676, 972, 3253, 6408, 6752, 7112, 7220

POLYMYALGIA RHEUMATICA: 2510

POLYMYXIN: 2434, 6900, 7616, 7786

POLYNEURITIS: 5922

POLYNUCLEOTIDE PHOSPHORYLASE: 1293, 3494, 4114

POLYNUCLEOTIDES: 4722

POLYOMA VIRUS: 1325, 2814, 5371, 5965, 9523

POLYPHLORETIN PHOSPHATE: 3945, 6856

POLYPLOIDY: 5798, 7226

POLYPROPYLENES: 4039

POLYPS: 5650, 7351

POLYRIBONUCLEOTIDES: 4115

POLYRIBOSOMES: 104, 1577, 3016, 4106, 5117, 5406, 6325, 6640, 8579, 9407, 9837

POLYSACCHARIDE-LYASES: 285, 370

POLYSACCHARIDES: 1766, 2852–2853, 3695, 5083, 5472, 5898, 5924, 6014, 6467, 7636, 7936, 8052, 8692, 9238, 9350, 9352–9353

POLYSACCHARIDES, BACTERIAL: 54, 2111, 2309, 2457–2458, 2872, 3126, 4421, 4439, 4482, 4561, 5647, 7632, 8058

POLYSORBATES: 244, 4914, 7224, 9405

POLYSTYRENES: 1413, 7777, 8511, 10286

POLYTETRAFLUOROETHYLENE: 947, 1433, 1462, 1640, 1750, 2529, 4315, 6141, 7368, 7675, 7747, 9861, 10074, 10136

POLYURETHANES: 3484, 4063, 4105, 6735–6736, 8895, 9669, 9797

POLYVINYL ALCOHOL: 373, 7103

POLYVINYL CHLORIDE: 244, 4242, 6205, 8688

POLYVINYLPYRIDINE N-OXIDE: 10185

POLYVINYLPYRROLIDONE: 947, 3683, 6063, 6107, 7203, 7208, 7537, 8693, 9146, 9283, 10214–10215

POLYVINYLS: 244, 4876, 7417, 7777

PONS: 1231, 2669, 4825

POPLITEAL ARTERY: 520, 570, 1404, 1703, 1806, 1902, 2000, 3099, 3856, 3957, 5081, 6069, 6353, 7001, 7089, 7196, 7243, 8062

POPLITEAL VEIN: 531, 960, 1888, 2565, 3436, 3467, 3856–3857, 4991, 6309, 6619–6620, 6737, 8171, 8347, 8683, 9162, 9219

POPULATION: 1207, 5728

POPULATION EXPLOSION: 4900

PORFIROMYCIN: 6984

PORIFERA: 5669, 6427, 9499

PORPHOBILINOGEN: 8834

PORPHYRIA: 8210

PORPHYRINS: 2842, 3891

PORTACAVAL ANASTOMOSIS: 706, 970, 990, 2217, 2342, 2541, 2553–2554, 3461, 4407, 5450

PORTAL SYSTEM: 3502, 8776, 8872

PORTAL VEIN: 427, 543, 649, 706, 1602, 2116, 2188, 2848, 2908, 3084, 3204, 3384, 3501, 4136, 4259, 5073, 5438, 5631, 6178, 6692, 6958, 7165, 7780, 8263, 9616–9618, 10006

POSITIVE-PRESSURE RESPIRATION: 980, 4473, 5075, 5309, 8132, 10315

POSTGASTRECTOMY SYNDROMES: 1099, 5357, 6631

POSTMORTEM CHANGES: 1079, 3623

POSTOPERATIVE CARE: 27, 117, 322, 328, 532, 574, 695, 870, 1175, 1662, 1685, 1871, 2047, 2475, 2704, 2745, 2748, 3086, 3278, 3308, 3516, 4553, 4644, 4684, 4727, 4990, 5462, 5622, 5676, 5855, 6099, 6120, 6293, 6354, 6478, 6871, 7059, 7192, 7261, 7419, 7681, 7792, 7873, 7947, 8132, 8172, 8261, 8319, 8377, 8492, 8556, 9020, 9441, 9565, 9967, 10249

POSTOPERATIVE COMPLICATIONS: 14, 27, 30, 80, 82, 113, 119, 151, 217–218, 236, 253, 273, 316, 327, 413, 453, 459, 510, 530, 532, 570, 574, 593, 613, 625, 636–637, 673, 685, 689, 695, 700, 757, 767, 830–831, 852, 894, 929, 943, 953, 970, 977, 989, 1032, 1038, 1061, 1101, 1106, 1149, 1200, 1253, 1273, 1289, 1294, 1313, 1339, 1357–1358, 1368, 1447, 1489, 1596, 1606–1607, 1631, 1639, 1641, 1649–1650, 1714, 1730, 1748, 1807, 1819, 1822, 1827, 1834, 1853, 1871, 1902, 1950, 2000, 2008, 2081, 2120, 2122, 2169–2170, 2202, 2216, 2226, 2237, 2291, 2295, 2315, 2327, 2333, 2348, 2364, 2376, 2379–2380, 2391–2392, 2395, 2404, 2452–2453, 2455, 2487, 2489–2490, 2541, 2553–2554, 2584, 2601, 2635, 2658, 2676, 2687, 2691, 2695–2696, 2703, 2713, 2726, 2728, 2741, 2743, 2745, 2758, 2780, 2809, 2875, 2908, 2933, 2941, 2966, 2977, 2992, 3007, 3011, 3044, 3082, 3094, 3112, 3152, 3188, 3213, 3226, 3278, 3294, 3303, 3312, 3317, 3325, 3360, 3370, 3390, 3452–3455, 3457–3458, 3479, 3486, 3510, 3516, 3540, 3558, 3567, 3577, 3581, 3587, 3599, 3605, 3625, 3628, 3645–3647, 3728–3729, 3830, 3928, 3964, 3987, 3990, 4002, 4029, 4048, 4050, 4060–4061, 4071, 4077–4078, 4080, 4082, 4155, 4163, 4189, 4234, 4271, 4274, 4287, 4295, 4297, 4300, 4322, 4329, 4364, 4407, 4438, 4457, 4459–4464, 4479, 4505, 4536, 4540, 4553, 4571, 4596, 4601, 4604, 4617, 4625, 4634, 4642, 4644, 4675, 4684, 4718, 4738, 4778, 4783, 4816–4817, 4825, 4881, 4895, 4911–4912, 4948, 4977, 4985, 4990, 5001, 5017, 5028, 5080, 5121, 5136, 5211, 5230, 5232, 5239, 5241, 5249, 5289, 5291, 5356, 5449, 5462–5463, 5503, 5529, 5536, 5584–5585, 5590, 5597–5598, 5622, 5625, 5652, 5712, 5720, 5760, 5789, 5827, 5854–5855, 5858–5859, 5865, 5911, 5955–5956, 5958–5959, 5985, 5987–5988, 6008, 6044, 6099, 6219, 6241–6242, 6291–6294, 6315, 6343–6345, 6348, 6353–6354, 6363, 6409, 6420, 6478, 6502, 6546, 6556, 6581, 6586, 6603, 6641, 6677, 6711, 6730, 6734, 6740, 6755, 6784, 6894, 6923, 6948, 6955, 6966, 6968, 6991, 7023, 7034, 7059, 7071, 7132–7133, 7137, 7196, 7241, 7243, 7246–7247, 7299, 7302, 7309, 7319, 7340, 7343, 7365, 7376, 7390, 7408, 7419, 7456, 7466, 7513, 7542, 7623, 7629, 7640, 7674, 7678, 7681, 7751, 7758, 7776, 7792, 7817, 7825, 7834, 7844, 7882, 7907, 7917, 7932, 7934, 7941, 7944, 7947, 7967, 7982, 7990–7991, 8010, 8014, 8029, 8046–8047, 8056, 8132, 8172, 8174, 8184, 8190, 8198, 8205, 8228, 8246, 8260, 8373, 8377, 8475, 8492, 8505, 8516, 8525, 8553, 8556, 8566, 8596, 8620, 8698, 8736, 8743–8744, 8752, 8772, 8776, 8819, 8821, 8841, 8856, 8870, 8876–8877, 8879, 8896, 8924, 8956, 8960, 9021, 9064, 9079, 9127, 9164, 9178, 9185, 9187, 9235, 9244, 9274, 9276, 9288, 9355, 9364, 9397, 9401, 9428–9429, 9434, 9441, 9475, 9504, 9515, 9598–9599, 9603–9604, 9606, 9618, 9638, 9640, 9683, 9722, 9776, 9836, 9859, 9894, 9897, 9899, 9933–9934, 9942, 9962, 10064, 10074, 10204, 10219, 10234, 10277, 10323, 10327, 10335–10336, 10339, 10352, 10362, 10367, 10374, 10382

POSTURE: 1303, 2345, 2378, 2453, 4596, 4693, 5078, 5153–5154, 5547, 6768, 7776, 8132, 10068

POTASSIUM: 70, 1108, 1217, 1285, 1368, 1595, 1746, 1847, 2049, 2268, 2378, 2583, 3161, 3496, 3703, 3874, 4114, 4116, 4150, 4302, 4355, 5067, 5267, 5280, 5299, 5368, 5404, 6257, 6402, 6567, 6627, 6767, 7034, 7053, 7350, 7452, 7988, 8492, 8600, 8637, 8661, 8803, 9143, 9147, 9438, 9442, 9465, 9478, 9611–9612, 9786, 10007

POTASSIUM CHLORIDE: 39, 1963, 3893, 4336, 4404, 6016, 6257, 7220, 7607, 8160, 8534, 8983, 9505, 10168, 10226

POTASSIUM DEFICIENCY: 8600

POTASSIUM IODIDE: 1480, 6257, 8061

POTASSIUM MAGNESIUM ASPARTATE: 9967

POTASSIUM PERMANGANATE: 10080

POTENTIOMETRY: 861, 1451, 2483, 3045, 3811, 4095, 5108, 10132

POULTRY: 442, 2117, 5091

POULTRY DISEASES: 6647

POWDERS: 6129, 7895

POWER SOURCES: 9173

PRAZOSIN: 4070

PREALBUMIN: 1550, 6393, 7212

PREANESTHETIC MEDICATION: 2873, 4274, 7192, 7326

PRECANCEROUS CONDITIONS: 47, 402, 1428, 7503, 8055, 8156

PRECIPITATION: 908, 1347, 1537, 1585, 1903, 2055, 2263, 2457, 3336, 3533, 3693, 3853, 4164, 4387, 4591, 4752, 5137, 5389, 5561, 6087–6088, 6834, 7464, 7697, 8397, 8403, 8587, 8622, 8722, 8726, 9250, 9584, 9841, 10214

PRECIPITIN TESTS: 1104, 1317, 2304, 3680, 5117, 6355, 8701

PRECIPITINS: 715, 4371, 5012, 6787, 6896, 7394

PREDIABETIC STATE: 23, 1729

PREDNISOLONE: 1878, 1882, 2466, 2510, 3422, 3931, 3939, 4831, 5100, 5348, 5836, 6317, 6466, 6899, 7666, 7682, 7799, 8096, 8188, 8967, 9018, 9590, 9909, 10151

PREDNISONE: 83, 247, 921, 1526, 1726, 2329, 2400, 2923, 3729, 4013, 4022, 4051, 4220, 4422, 4598, 4925, 5084, 5508, 5604, 5692, 6159, 6166, 6384, 7554, 8030, 8766, 9509, 9566, 9951

PRE-ECLAMPSIA: 991, 994, 1734–1735, 2071, 2337, 2544, 4139, 4765, 5555, 8340, 8689, 8732, 8890, 9476, 9799

PREGNADIENES: 4070

PREGNANCY: 5, 37, 45, 48, 82–83, 94, 133, 148, 177–179, 183, 217, 238, 247, 259, 295, 352, 396, 402, 533, 540, 617, 634, 669, 699, 707, 755, 761, 766, 781, 801, 821, 868, 874, 906, 925, 987–988, 990–991, 993–994, 1011–1012, 1082, 1115, 1242, 1305, 1315, 1365–1366, 1392, 1435, 1465, 1472, 1485, 1488, 1581, 1628, 1639, 1655, 1675, 1696, 1707, 1716–1717, 1734–1736, 1752, 1802, 1816, 1829, 1843, 1858, 2071, 2110, 2132, 2177, 2206, 2265, 2317, 2337, 2362, 2378, 2420, 2544–2545, 2549, 2558, 2575, 2587, 2594, 2597, 2634–2635, 2650, 2683–2684, 2693, 2708, 2732–2733, 2736–2737, 2752, 2780, 2796–2797, 2805, 2810, 2863, 2865, 2933, 2935, 2971, 2984–2985, 3012–3013, 3042, 3053, 3080, 3123, 3249, 3291, 3318, 3327, 3334, 3349, 3373, 3447, 3462–3463, 3490, 3506, 3510, 3524, 3565, 3668, 3759, 3761, 3807, 3827, 3832, 3869, 3931, 3938–3939, 3960, 3985, 3990, 4043, 4045, 4071, 4109, 4139, 4175, 4229, 4257, 4335, 4378, 4417, 4445, 4461, 4463, 4499, 4538, 4606–4607, 4619, 4675, 4727, 4739, 4741–4742, 4765, 4772, 4789, 4873–4874, 4900, 4911, 4959, 4994, 5072, 5078, 5130, 5175, 5201–5202, 5204, 5272, 5295, 5376, 5465, 5517, 5522, 5532, 5555, 5565–5566, 5575, 5611, 5654, 5673, 5690, 5714, 5723, 5743, 5746, 5765, 5779, 5815, 5844, 5864, 5866, 5885, 5974, 6024, 6026, 6051, 6063, 6066, 6097, 6111, 6153–6154, 6166, 6262, 6275, 6323, 6348, 6435, 6456, 6516, 6574, 6599, 6646, 6739–6740, 6767, 6800, 6819, 6889, 6949, 7000, 7044, 7056, 7181, 7221, 7241, 7266, 7337, 7371, 7375, 7381, 7412, 7419, 7473–7474, 7480, 7497, 7558–7559, 7575–7576, 7621, 7639, 7651, 7710, 7754, 7831, 7887, 8016, 8027, 8040, 8047, 8052, 8153, 8173, 8213, 8248, 8250, 8314, 8316, 8332, 8339–8340, 8350, 8381, 8401, 8433, 8528, 8582, 8598, 8618, 8634, 8684, 8689, 8709, 8712, 8732, 8735–8736, 8745, 8763, 8798, 8830, 8849, 8890, 8979, 8981, 9021, 9027, 9100, 9151, 9224–9225, 9275, 9287, 9335, 9356, 9421, 9424, 9436–9437, 9465, 9476, 9486, 9536–9537, 9574, 9590–9591, 9619, 9730, 9791, 9798–9799, 9803, 9808, 9828, 9890, 9916, 9923, 9963, 9975, 9995, 10031–10032, 10098, 10119, 10192, 10200, 10291, 10295, 10331, 10358, 10385

PREGNANCY, ANIMAL: 1581, 2570, 2683, 3042, 8712, 10291

PREGNANCY COMPLICATIONS: 37, 177, 183, 634, 781, 868, 1465, 1628, 1707, 1752, 1802, 2110, 2362, 2544, 2683, 2693, 3565, 3832, 3960, 4109, 5201, 5555, 5566, 6024, 6166, 6262, 6767, 6819, 7371, 7710, 8350, 8528, 8890

PREGNANCY COMPLICATIONS, CARDIOVASCULAR: 82, 133, 540, 617, 874, 1303, 1639, 1716, 2420, 2634–2635, 2933, 3080, 3869, 4045, 4335, 4417, 4607, 4727, 4874, 4911, 4959, 5078, 5465, 5743, 5746, 6153, 6739–6740, 7241, 8582, 8736, 8763, 9021, 9275, 9536, 9803, 10295, 10331

PREGNANCY COMPLICATIONS, HEMATOLOGIC: 83, 247, 352, 396, 669, 987, 991, 993, 1115, 1366, 2132, 2684, 3013, 3318, 3565, 3931, 3938–3939, 3990, 4139, 4335, 4461, 4742, 4765, 4772, 4994, 5130, 5294, 5555, 5746, 6024, 6026, 6154, 6262, 6275, 6456, 7000, 7044, 7181, 7337, 7375, 8598, 8735, 8849, 9436, 9574, 9890, 10295

PREGNANCY COMPLICATIONS, INFECTIOUS: 45, 2265, 2752, 3832, 9619

PREGNANCY, ECTOPIC: 990, 4043, 4739, 5517, 5673, 6111, 7473–7474, 9224–9225

PREGNANCY IN DIABETES: 1628, 3318, 5864, 9798

PREGNANCY, MULTIPLE: 5565, 7412

PREGNANCY, PROLONGED: 8735

PREGNANCY TOXEMIAS: 133, 617, 987–988, 994, 1114, 1707, 1734–1735, 2337, 2420, 2544, 3565, 4139, 4606, 4619, 5555, 5815, 5974, 7575, 8340, 8689, 8798, 9476, 9537, 9799

PREGNANCY TRIMESTER, FIRST: 4045, 4789, 5175, 8027

PREGNANCY TRIMESTER, SECOND: 988, 1305, 2684, 4789, 9476

PREGNANCY TRIMESTER, THIRD: 396, 988, 1114, 2378, 2984–2985, 3960, 4727, 5078, 6800, 7575

PREGNANCY, TUBAL: 3761

PREGNANEDIOL: 2620

PREGNANOLONE: 2620

PREGNENOLONE: 1331

PREGNENOLONE CARBONITRILE: 2620

PREKALLIKREIN: 227, 286, 1163–1164, 1431, 1502, 1721, 1947, 2210, 3221, 3227, 3397–3398, 3691, 4497, 4503, 4868–4869, 5418, 5510, 5837–5838, 6064, 7026, 7586, 7900, 7903, 9567, 9569, 9571, 10134

PRELEUKEMIA: 3371, 4713, 4740, 5595, 6185

PREMARIN: 7255, 7296–7297, 8303

PREMEDICATION: 2748, 5865, 6730, 7255, 8853

PREMENSTRUAL TENSION: 2578

PRENATAL DIAGNOSIS: 669, 1958, 4873, 5847, 7559,

7808, 8979
PRENYLAMINE: 8450
PREOPERATIVE CARE: 27, 117, 124, 247, 254, 296, 456, 513, 631, 760, 911, 1232, 1357, 2047, 2315, 2490, 2748, 2780, 3011, 3278, 3461, 3625, 4566, 4681, 5288, 5622, 5855, 6038, 6111, 6420, 7130, 7426, 7873, 7907, 8067, 8132, 8172, 8246, 8492, 8556, 8569, 8797, 8803, 8877, 8994, 9007, 9020, 9261, 9441, 9565, 9604, 10157
PREPHENATE DEHYDRATASE: 3079
PRESCRIPTIONS: 1617
PRESERVATION, BIOLOGICAL: 2596, 2772, 4165, 6042
PRESERVATIVES, PHARMACEUTICAL: 91, 3235, 4102
PRESSORECEPTORS: 2953, 5742
PRESSURE: 80, 625, 699, 1200, 1580, 1819, 2057, 2345, 2563, 2687, 2833, 2874, 3144, 3625, 3647, 4118, 4481, 5202, 5288–5289, 5351, 5409, 5539, 6155, 6176, 6772–6773, 7677, 7990, 8489, 8592, 8856, 9376–9377, 9669, 9837, 10041, 10339, 10362
PRIAPISM: 1294, 6098, 6573, 9690, 9838, 10211
PRIMATES: 3029, 5672
PRIMIDONE: 7606
PROADIFEN: 8568
PROBABILITY: 30, 3333, 4454, 4766, 5286, 5637, 6042
PROBENECID: 741, 1691, 3611
PROCAINE: 644, 843, 1150, 2266, 4166, 4370, 5606, 5796, 6655, 6871, 9288
PROCAINE AMIDE: 711, 4415
PROCARBAZINE: 1726, 3608, 9976
PROCOLLAGEN: 489, 5439, 6848
PROCOLLAGEN PEPTIDASE: 3116
PROCTITIS: 6023
PROFESSIONAL STANDARDS REVIEW ORGANIZATIONS: 1251
PROFLAVINE: 281, 867, 1118, 1939, 3795, 8195, 9381
PROGESTATIONAL HORMONES: 351, 1485, 2768, 8066, 10218
PROGESTATIONAL HORMONES, SYNTHETIC: 178, 573, 1315, 3130, 7797
PROGESTERONE: 655, 1331, 1630, 1961, 2378, 2537, 2620, 3477, 4806, 4829, 5500, 5690, 7794, 8712, 8735, 9316, 10031
PROGNATHISM: 3555
PROGNOSIS: 13, 31, 83, 134, 369, 630, 634, 680, 689, 868, 962, 1225, 1398, 1467, 1488, 1646, 1649, 1772, 1832, 2056, 2168, 2308, 2404, 2490, 2553, 2747, 3004, 3013, 3284, 3371, 3463, 3567, 3609, 3723, 3764, 3943, 3975, 4019, 4131, 4306, 4389, 4504, 4523, 4805, 4824, 4929, 4992, 5075, 5223, 5243, 5362, 5756, 5916, 6004, 6024, 6096, 6166, 6241, 6366, 6397, 6453, 6632, 6786, 6805, 6923, 7019, 7181, 7196, 7375, 7424, 7433, 7663, 7678, 7797, 7837, 7931, 8122, 8151, 8191, 8211, 8313, 8327, 8851, 8862, 8913, 9294, 9477, 9615, 9685, 9722, 9776, 9871, 9910, 9915, 10176, 10288, 10349, 10377
PROINSULIN: 2030, 9308
PROJECTIVE TECHNICS: 1833
PROLACTIN: 2215, 2619, 3008, 4584, 5420, 6989, 7407, 7638, 7794, 8629, 8712, 10013
PROLAPSE: 4927
PROLINE: 98, 903, 3711, 4017, 4859, 7736, 8200, 9026, 9240, 10165
PROLINE HYDROXYLASE: 262, 5194
PROMETHAZINE: 1298, 1678, 3446
PROMETHIUM: 1939
PRONASE: 211, 388, 489, 690, 945, 1186, 1192, 1245, 1311, 1584, 1674, 1887, 1976, 2092, 2293–2294, 2456, 2496, 2548, 2786, 3001, 3020, 3046, 3126, 3205, 3256, 3316, 3568, 4137, 4163, 4226, 4418, 4432, 4448, 4531, 4759, 4884, 6128, 6587, 7014, 7136, 7607, 7728, 7988, 8041, 8121, 8446, 8891, 8897, 8952, 9143, 9353, 9648, 9813, 9837, 9991, 10039, 10089, 10135
PROPANEDIOLS: 157, 3330
PROPANIDID: 606, 2695
PROPANOLAMINES: 2023, 2025, 3508, 5102, 6627, 7667–7668, 9412, 9578, 9999
PROPANTHELINE BROMIDE: 9518
PROPERDIN: 150, 514, 1990, 2176, 2546, 3571, 4717, 4719, 7525, 8181, 8187
PROPIOLACTONE: 505, 6799
PROPIONATES: 1665, 4815, 5953, 6347, 10057
PROPIONIBACTERIUM: 2115
PROPIONIBACTERIUM ACNES: 5169, 6793
PROPIONIC ACIDS: 422, 1889, 5953, 9282
PROPIOPHENONES: 1362
PROPRANOLOL: 115, 1922, 2326, 3288, 3611, 4557, 4799, 6209, 6538, 7183, 8450, 9228, 9412, 9879, 9989, 10155, 10182
PROPYL GALLATE: 287
PROPYLAMINES: 4091, 5344
PROPYLTHIOURACIL: 2386, 6964, 9260
PROSPECTIVE STUDIES: 114, 327, 529–530, 793, 939, 1101, 1290, 1736, 2454, 2522, 2600, 2673, 3174, 3371, 3540, 3713, 3908, 4080, 4322, 4429–4430, 5133, 5520, 5676, 5720, 5859, 6343, 6347, 6409, 6448, 6700, 6878, 7294, 8177, 8401, 9691, 9896, 10192
PROSTAGLANDIN ANTAGONISTS: 1283, 1520, 2005, 2325, 3061, 3470, 5065, 5711, 6271, 6567, 6738, 8958, 9641, 9866
PROSTAGLANDIN SYNTHASE: 1728, 3472, 3962, 5774, 6198, 6649, 6947, 7046, 8622, 9150, 9532, 9534, 9736, 9872, 9920, 10034
PROSTAGLANDINS: 132, 202, 439, 509, 790, 1006, 1180, 1277–1278, 1283, 1522, 1575, 1635, 1637, 1706, 1728, 1962, 2005, 2009, 2057, 2257, 2325, 2430, 2546, 2606, 2610, 2626, 2685, 3061, 3064, 3163, 3339, 3546, 3719, 3842, 3962, 3985, 4088, 4346, 4602, 5065, 5133–5134, 5136, 5199, 5385, 5477, 5695, 5817, 6270–6273, 6383, 6554, 6567, 6612, 6649, 6767, 6781, 7256, 7307–7308, 7474, 7864, 7938, 7942, 7945, 7961–7962, 8166, 8445, 8614–8616, 8623, 8712, 8943, 8989–8990, 9140, 9150–9151, 9330, 9487, 9533, 9576–9577, 9641, 9731, 9866, 9893, 9922, 10166, 10250, 10351, 10354, 10378
PROSTAGLANDINS A: 1765, 1974, 6567, 7474, 8445
PROSTAGLANDINS E: 295, 364, 500, 720, 751, 1409, 1511, 1706, 1765, 1974, 2011, 2022, 2257, 2325, 3061, 3064, 3092, 3162, 3293, 3546, 3580, 3684, 3842, 3891, 3942, 3946, 3961–3962, 3981, 4088, 4249, 4262, 4898, 5134, 5165, 5279, 5312, 5480, 5695, 6172, 6182, 6198, 6554, 6564, 6567, 6816, 6982, 7017, 7048, 7062, 7267, 7308, 7474, 7943, 7945, 8053, 8360, 8445, 8540, 8615–8616, 8637, 8712, 8762, 8865, 8958, 8990, 9102, 9267, 9330, 9445, 9785–9786, 9821, 10081, 10139, 10303, 10350
PROSTAGLANDINS F: 1706, 2022, 3162, 3293, 3546, 3842, 3961, 4088, 5133, 5312, 6567, 7017, 7046, 7139, 7308, 7445, 7474, 8615, 8712, 8865, 8985, 8990, 9027, 9102, 9406, 9445, 10162, 10200, 10245
PROSTAGLANDINS, SYNTHETIC: 790, 1522, 1775, 3985, 4898, 6816
PROSTATE: 923, 2296, 3772, 6087–6088, 9933
PROSTATECTOMY: 2107, 2296, 3456, 3581, 4118, 4297, 4571, 5230, 6142, 6477, 7299, 8525, 9553, 9691
PROSTATIC DISEASES: 870, 6314
PROSTATIC HYPERTROPHY: 2107, 2296, 3303, 5230, 6477, 9251, 10311
PROSTATIC NEOPLASMS: 212, 1733, 1868, 2107, 3642, 3772, 5307, 5667, 6314, 6495, 7884, 8087, 9319, 9933
PROSTATITIS: 4205
PROSTHESIS: 510, 1393, 1462, 4536, 5232, 6328, 6380, 8468, 9127, 9861, 9977, 10061
PROSTHESIS DESIGN: 3360, 5988, 6328, 7678, 8117, 8751–8752, 9685, 9977
PROTAMINES: 1, 408, 428, 458, 672, 828, 923, 937, 974–975, 1129, 1240, 1327, 1386, 1645, 1689, 1965–1966, 2075, 2238, 2243, 2369, 2425, 2449, 2585, 2632, 2744, 2756, 2975, 3015–3017, 3043, 3095, 3243, 3282, 3789, 4040, 4106, 4144, 4252, 4343, 4356, 4469, 4570, 4653, 4771, 5049, 5126, 5137, 5207, 5279, 5330, 5371, 5412, 5469, 5500, 5502, 5667, 5717, 5779, 6087–6088, 6207, 6517–6518, 6722, 6851, 6853, 6865, 7056, 7332, 7445, 7520, 7543, 7598, 7646, 7748, 7777, 7816, 7960, 8270–8271, 8275, 8294, 8374, 8417, 8503, 8534, 8571, 9104, 9196, 9216, 9238, 9246, 9348, 9366, 9572, 9592, 9751, 9938, 9983–9984, 10191, 10226, 10259, 10280
PROTECTIVE CLOTHING: 8489
PROTEIN BINDING: 101, 184, 281, 303, 356, 366, 410, 412, 414, 417, 429, 446, 450, 495, 508, 535, 596, 606, 624, 683, 704, 727–728, 768, 803, 881, 923, 928, 937, 940, 947, 949, 1041–1042, 1118, 1148, 1188, 1194, 1197, 1239, 1286, 1293, 1322, 1426, 1495, 1500, 1510, 1529, 1550, 1563, 1571, 1584, 1613–1614, 1635, 1645, 1681, 1691, 1705, 1708, 1792, 1823, 1889, 1938–1939, 1957, 1994, 2143, 2221, 2224, 2245, 2375, 2393, 2447, 2473, 2613, 2677, 2702, 2771, 2877, 2888, 2903, 2952, 2967–2968, 2988–2989, 3024–3025, 3096, 3177, 3206, 3224, 3257, 3267, 3276–3277, 3304, 3309, 3340, 3365, 3515, 3545, 3548, 3597, 3616, 3635, 3663, 3695, 3714, 3748, 3777, 3844, 3877, 3919, 3941, 3944, 3967, 3974, 3986, 4016, 4024, 4028, 4031, 4073, 4108, 4115, 4122, 4124, 4141, 4241, 4248, 4252, 4254, 4261, 4264, 4288, 4352, 4359, 4394, 4412, 4432, 4508, 4539, 4562, 4609–4610, 4638–4639, 4649, 4659, 4733, 4737, 4771, 4786, 4836–4837, 4845, 4861, 4884, 4924, 4941, 4945, 4956, 4978, 5055, 5122, 5159, 5268, 5306, 5334, 5399, 5411, 5435, 5439, 5499, 5526, 5554, 5608, 5667, 5680, 5704, 5716, 5724, 5759, 5838, 5891–5892, 5903, 5924, 5976, 6034, 6052, 6064, 6078, 6137, 6173, 6237, 6302, 6335–6336, 6369, 6406, 6464, 6512, 6521, 6568–6570, 6606, 6658, 6717, 6758, 6762, 6782, 6814, 6846, 6869, 6893, 6946, 6990, 7031, 7047, 7159, 7167, 7212–7213, 7370, 7431, 7452, 7465, 7473, 7476, 7524, 7586, 7593, 7842, 7918, 8000, 8004, 8023, 8091, 8142, 8194–8195, 8305, 8358, 8389–8391, 8529, 8552, 8565, 8573, 8577–8578, 8580, 8612, 8619, 8668, 8693, 8759, 8761, 8768, 8807–8808, 8839, 8906–8908, 8940, 8946, 8952, 8958, 9049, 9230, 9306, 9353, 9366, 9372, 9381, 9402, 9449, 9481, 9485–9486, 9514, 9562, 9633, 9668, 9687, 9743, 9839, 9873, 9958–9960, 9965–9966, 9983–9984, 10013, 10023, 10033,

10055, 10057, 10066, 10079, 10092–10093, 10095–10097, 10099, 10118, 10126, 10143, 10153–10154, 10168, 10215, 10272
PROTEIN-BOUND IODINE TEST: 2173, 8066
PROTEIN-CALORIE MALNUTRITION: 832, 1912, 4822, 8065
PROTEIN CONFORMATION: 32–33, 262, 303, 377, 412, 429, 462, 578, 624, 632, 650, 799, 803, 828, 862, 866–867, 905, 922, 940–942, 1148, 1293, 1418, 1420, 1451, 1472, 1529–1530, 1547, 1604, 1635, 1681, 1737, 1824–1826, 1830, 1938–1939, 1943, 2030, 2222, 2246, 2267, 2318, 2337, 2488, 2543, 2581, 2651, 2686, 2785, 2829, 2882–2883, 2888, 2903, 2967–2968, 2988–2989, 3000, 3025–3026, 3075, 3189, 3224, 3276, 3368, 3480, 3494, 3515, 3597, 3616, 3711, 3785, 3822, 3887, 3916, 3919, 3986, 4024–4025, 4031, 4085, 4108, 4124, 4137, 4173, 4211, 4240, 4264–4265, 4359, 4412, 4432, 4494, 4512, 4518, 4564, 4584, 4638, 4646, 4695–4696, 4721, 4768, 4801, 4836, 4924, 4988, 5076, 5163, 5267–5268, 5351, 5420, 5424, 5572, 5581, 5663, 5759, 5793, 5805, 5891–5892, 5981, 6078, 6130, 6137, 6207, 6320, 6509, 6511, 6601, 6893, 6927, 7140, 7304, 7332, 7370, 7401, 7432, 7488, 7518, 7524, 7604, 7680, 7700, 7892, 8164, 8250, 8323, 8394, 8429, 8490, 8529, 8542, 8552, 8675, 8701, 8721, 8745, 8761, 8808, 8814, 8838–8839, 8873, 8895, 8908, 8925, 8997, 9015, 9081–9082, 9197, 9313, 9342, 9361, 9582, 9633, 9701, 9723, 9743, 10057, 10076, 10143, 10229–10230
PROTEIN DEFICIENCY: 1764, 1846, 3158, 3190, 7278, 9575
PROTEIN DENATURATION: 32, 195, 262, 934, 1825, 1830, 2209, 2596, 2968, 3444, 3986, 4137, 4241, 4424, 4508, 4562, 4696, 4734, 4768, 4836, 4880, 5268, 5375, 5572, 5612, 5732, 5786, 5981, 6237, 6406, 6606, 6893, 6909, 7051, 7700, 7794, 7832, 8277, 8428, 8542, 8658, 9161, 9361, 9461, 9621, 9983, 10016, 10108, 10230
PROTEIN HYDROLYSATES: 1090, 3158, 4830, 7150, 7811
PROTEIN KINASE: 1445, 1455, 1578, 1694, 1765, 1767, 1823, 3043, 3212, 3282, 3477, 3954, 4544, 5085, 5753, 5779, 6000, 6403, 6673–6674, 7491, 7520, 7646, 7748, 7769, 7938, 8185, 8360, 8534, 8539, 8779, 8782, 8915, 9040, 9348, 9759, 10115
PROTEIN-LOSING ENTEROPATHIES: 4123, 4127, 4736, 5017
PROTEIN LYSINE METHYLTRANSFERASE: 6686
PROTEIN METHYLTRANSFERASES: 6686
PROTEIN PRECURSORS: 150, 1097, 1816, 2805, 2917, 3341, 3500, 4169, 4238, 5700, 5845, 6249, 6489, 6601, 7101–7102, 7890, 8362, 8542, 8997, 9442, 9650
PROTEINS: 41, 153–154, 181–182, 196, 234, 255, 307, 832, 1042, 1068, 1119, 1243, 1310, 1439, 1443, 1517, 1576–1577, 1657, 1667, 1694, 1817, 1941, 1956, 2019, 2200, 2293, 2319, 2377, 2418, 2439, 2548, 2558, 2618, 2651, 2707, 2710, 2792, 2891, 2980, 3165, 3177, 3205, 3222, 3252, 3271, 3430, 3585, 3618, 3688, 3966, 4239, 4245, 4565, 4695, 4735, 4866, 4898, 5076, 5147, 5218, 5269, 5372, 5387, 5411, 5423, 5528, 5612, 5663, 5778, 5898, 6171, 6190, 6218, 6325, 6510, 6605, 6850, 6853, 6897, 7053, 7204, 7209, 7271, 7510, 7676, 8112, 8118, 8148–8149, 8277, 8389, 8462, 8515, 8528, 8885, 8946, 9033, 9108, 9284, 9407, 9449, 9530, 9541, 9622, 9742, 9793, 10076, 10137, 10276, 10280, 10307
PROTEINURIA: 984, 1360, 1810, 3250, 3312, 3855, 4831, 5291, 5521, 5974, 6262, 6879, 7784, 7959, 8154, 8523, 8890, 9152, 9558
PROTEOCHONDROITIN SULFATES: 1346, 9792
PROTEOGLYCANS: 879, 1346, 2171, 2287, 2902, 3748, 3976, 4651–4652, 4734, 5602, 6643, 6831, 7983–7985, 8748, 8892, 9792, 10208, 10296
PROTEOLIPIDS: 4379
PROTEUS: 4427
PROTEUS INFECTIONS: 1688, 9024
PROTEUS MIRABILIS: 1688, 6594
PROTEUS VULGARIS: 998
PROTHROMBIN: 61, 219, 310, 390, 440, 446, 480, 578–579, 667, 708, 771, 792, 1241, 1336, 1573, 1711, 1928, 1952, 1959, 2031, 2070, 2120, 2179, 2238, 2408, 2500–2502, 2534, 2662, 2808, 3013, 3108, 3266, 3340–3341, 3488, 3732, 3774, 3879, 3978, 4006, 4020, 4221, 4381–4382, 4393, 4620, 4647, 4913, 5047–5048, 5052, 5441, 5535, 5597, 5600, 5725, 5759, 5804, 5845, 5949, 6074, 6079, 6191–6192, 6326, 6332, 6370, 6389, 6406, 6416, 6438, 6569–6570, 6717, 6953, 7096, 7099, 7138, 7347, 7370, 7487, 7564, 7572, 7757, 7900, 7919, 7921, 7939, 8039, 8047, 8066, 8312, 8469, 8794–8795, 8880, 8969–8970, 9232, 9309–9310, 9408, 9460, 9513, 9524, 9583, 9585, 9639, 9756, 9769–9771, 9918, 10140, 10202, 10307
PROTHROMBIN TIME: 45, 48, 416, 887, 1005, 1066, 1086, 1100, 1130, 1152, 1308, 1353, 1387, 1407, 1468, 1488, 1713, 1952, 1972, 2003, 2397–2398, 2739, 2809, 2811, 3104, 3110, 3138–3139, 3363, 3372, 3716, 3758, 3774, 4023, 4148–4149, 4219, 4253, 4573, 4724, 4838, 4844, 4977, 5146, 5330, 5416, 5496, 5530–5531, 5580, 5835, 5877, 5889, 5949, 6009, 6317, 6409, 6657, 6911, 6913, 6932, 6957, 7171, 7461, 7661, 7884, 7900, 8043, 8177, 8273, 8407, 8487, 8767, 8963, 8965, 8978, 9227, 9230, 9311, 9460, 9484, 9494, 9535, 9559, 9578, 9869, 10140
PROTONS: 2483, 10063
PROTOPLASTS: 1499, 2006, 4583, 9299, 10109
PROTOZOA: 6337
PROTOZOAN INFECTIONS: 744, 4044, 6445
PROVENTRICULUS: 5471
PRURITUS: 4132, 4621, 7732
PSEUDARTHROSIS: 2475
PSEUDOCHOLINESTERASE: 1852, 6634, 7322
PSEUDOMONAS: 3871, 6475, 7607, 8318, 9340, 9354, 9413
PSEUDOMONAS AERUGINOSA: 215, 1931, 2080, 2434, 2821, 3921, 3958, 4420, 4651–4652, 4821, 5358, 5651, 5670, 5986, 6274, 6321, 6476, 6594, 6818, 7290, 8480
PSEUDOMONAS FLUORESCENS: 1380, 4416, 8919
PSEUDOMONAS INFECTIONS: 215, 289, 1125, 1842, 2080, 2434, 3958, 5986, 6274, 6818, 7969, 9024
PSEUDOPODIA: 654, 7624
PSEUDORABIES VIRUS: 7102
PSEUDOTUMOR CEREBRI: 6562
PSEUDOURIDINE: 4158
PSORIASIS: 26, 635, 2666–2667, 2705, 2754, 2901, 4233, 4420–4421, 4952, 5192–5193, 6392, 6890, 6974, 7122, 7411, 7705, 8238, 9712, 10329
PSYCHOLOGICAL TESTS: 8784
PSYCHOLOGY: 3536, 4347, 5690, 8783–8784, 8784, 9440
PSYCHOLOGY, SOCIAL: 10003
PSYCHOMOTOR DISORDERS: 6029, 6416
PSYCHOPHARMACOLOGY: 2131
PSYCHOPHYSIOLOGIC DISORDERS: 5709, 6066, 7451, 8828
PSYCHOSES: 1246, 3231, 10256
PSYCHOSES, ALCOHOLIC: 1924, 6416, 9092, 9563
PSYCHOSES, INVOLUTIONAL: 9039
PSYCHOSES, MANIC-DEPRESSIVE: 640, 675–676, 1285, 5286, 8085, 9036–9037, 9039
PSYCHOSES, ORGANIC: 482, 2012
PSYCHOSES, SENILE: 1079, 7793, 8331
PSYCHOSURGERY: 6678
PSYCHOTHERAPY: 568, 1833
PSYCHOTROPIC DRUGS: 482, 2131, 4064, 5960, 7256, 9093, 9486, 9526, 10364
PTERINS: 3909
PTEROYL POLYGLUTAMATE HYDROLASE: 7476
PUBERTY: 1686, 3147
PUBIC BONE: 6142
PUBLIC HEALTH ADMINISTRATION: 2185
PUERPERAL DISORDERS: 993, 1012, 1114–1115, 1675, 1940, 2317, 2544, 2549, 4109, 4335, 4874, 5565, 6066, 6153–6154, 6348, 7056, 7241, 7337, 8634, 9021, 9591
PUERPERAL INFECTION: 761, 3565, 4499, 4741, 9591
PUERPERIUM: 994, 2797, 3012, 4109, 4445, 4463, 4606, 6800, 8340, 9027, 9100
PULMONARY ALVEOLAR PROTEINOSIS: 9141
PULMONARY ALVEOLI: 176, 842, 1300, 2085, 2874, 3651, 3989, 4473, 6507, 7003, 7119, 7544, 7871, 9090, 9141, 9593, 9730, 10008
PULMONARY ARTERY: 231, 239, 263, 639, 670, 1034, 1149, 1295, 1349, 2076, 2232, 2270, 2301, 2317, 2331, 2350, 2431, 2936, 3128, 3169–3170, 3573, 3881, 4167, 4566, 5143, 5328, 5503, 5649, 5713, 6366, 6470, 6516, 6545, 6607, 6621, 6741, 6749, 6778, 6956, 7241, 7377, 7544, 7663, 7996, 8345, 8662, 9270, 9593, 9595, 9866, 9992, 10304
PULMONARY CIRCULATION: 146, 639, 959, 1009, 1190, 1813, 1841, 1905, 2052, 2350, 2474, 2874, 3102, 3128, 3651, 3769, 4269, 4738, 5547, 5567, 5809, 6507, 6621, 7445, 7544, 7641, 8157, 8621, 8662, 9011, 9091, 9141, 9399, 9595, 9597, 10049, 10222
PULMONARY DIFFUSING CAPACITY: 1190, 3448, 5491, 7003
PULMONARY EDEMA: 980, 1300, 1404, 1439, 1557, 2332, 2706, 2977, 3107, 3799, 3927, 4455, 4473, 4493, 4632, 4921, 5140, 5252, 5309, 5830, 6056, 6433, 7033, 7119, 7246, 7309, 7492, 7791, 7858, 7898, 8556, 9011, 9141, 9243
PULMONARY EMBOLISM: 31, 85–86, 91, 110, 117, 119, 146, 152, 171, 209, 237, 239, 263, 327, 345, 434, 510, 528, 532, 574, 625, 631, 636–637, 639, 642, 668, 670–671, 692, 700, 777, 834, 852, 874, 914, 929, 959, 986, 1009, 1021, 1031, 1034, 1079, 1101, 1124, 1127, 1129, 1145, 1161, 1190, 1200, 1203, 1205, 1251, 1268, 1349, 1357–1358, 1397, 1434, 1557, 1586, 1601, 1670, 1716, 1745, 1748–1749, 1752, 1772, 1808, 1819, 1832, 1841, 1888, 1905, 1948, 2041–2042, 2051–2052, 2079, 2085, 2101, 2125, 2133, 2169–2170, 2178, 2226, 2232, 2253, 2262, 2301, 2317, 2327, 2404, 2416, 2443, 2446, 2474, 2490, 2499, 2565, 2579, 2598, 2636, 2638, 2658, 2695, 2700, 2729, 2761, 2770, 2779, 2781, 2789, 2800, 2802, 2812, 2933–2937, 2977, 3006, 3019, 3037, 3057, 3085, 3121, 3174, 3294, 3303, 3338, 3346, 3353, 3360, 3370, 3373, 3375, 3399–3400, 3437, 3453, 3455, 3458, 3479, 3510, 3540, 3567,

3573, 3577, 3581, 3587, 3605, 3631, 3648, 3671, 3755, 3799, 3826, 3832, 3837, 3880–3881, 3952, 3990, 4043, 4057, 4071, 4120, 4146, 4166–4167, 4213, 4266–4267, 4274, 4278, 4284–4286, 4307, 4322, 4329, 4335, 4354, 4383, 4388, 4397, 4459–4465, 4471–4473, 4493, 4566, 4577, 4634, 4644, 4647, 4680, 4727, 4764, 4791, 4850, 4854, 4962, 4986, 5001, 5019, 5066, 5095, 5118, 5140, 5143, 5160, 5191, 5231, 5241, 5284, 5288–5289, 5342, 5431, 5436, 5453, 5464, 5484, 5491, 5547, 5567, 5584, 5649, 5661, 5666, 5693, 5707, 5713, 5738, 5743, 5756, 5809, 5816, 5841, 5937, 5962–5963, 5979, 5984, 6039–6040, 6044, 6056, 6065, 6134, 6148, 6156, 6164–6165, 6236, 6283, 6286, 6292, 6309, 6311, 6343, 6345, 6348, 6366, 6374, 6391, 6410, 6422, 6447, 6469–6470, 6476, 6507, 6524, 6546, 6561, 6581, 6595, 6603, 6618, 6621, 6631, 6685, 6702, 6741, 6749, 6755, 6776, 6830, 6882, 6908, 6956, 6966, 6977, 7002–7003, 7007, 7033, 7049, 7178, 7241, 7246, 7294, 7331, 7333, 7335, 7349, 7369, 7377, 7472, 7492, 7497, 7502, 7509, 7535, 7542, 7544, 7623, 7641, 7661, 7663, 7674, 7701, 7783, 7825, 7835, 7840, 7854, 7881, 7884, 7898, 7907, 7934, 7939, 7941, 7978, 7990, 7996, 8009, 8015, 8029, 8116, 8132, 8157–8158, 8167–8168, 8171, 8192, 8197, 8205, 8225, 8237, 8242, 8255, 8295, 8326–8327, 8329, 8335, 8345, 8352, 8356, 8368–8369, 8373, 8382, 8406–8408, 8439, 8514, 8556, 8564, 8597, 8621, 8665–8666, 8671, 8698, 8731, 8736, 8744, 8760, 8822, 8832, 8859, 8890, 8923, 8956, 8986, 9000, 9002, 9004–9005, 9011, 9042, 9071, 9088–9091, 9112, 9129, 9141, 9163–9164, 9180, 9213, 9254, 9270, 9321, 9373, 9377, 9397, 9406, 9429, 9446–9447, 9454, 9497, 9519, 9561, 9593–9599, 9603, 9655, 9691, 9780, 9804, 9848, 9861, 9864, 9880, 9898, 9901–9902, 9933, 9942, 9944, 9952, 9962, 9967, 9992, 10002, 10021, 10074, 10078, 10204, 10234–10235, 10256, 10304, 10311–10312, 10335, 10341, 10344, 10352, 10367, 10369, 10372, 10376
PULMONARY EMPHYSEMA: 144, 1110, 1683, 2076, 2232, 2443, 4275–4276, 4919, 5362, 6366, 7858, 8198, 8242, 9307
PULMONARY FIBROSIS: 1300, 2085, 3799, 4194, 8255, 9141, 9942, 10008
PULMONARY HEART DISEASE: 31, 692, 2042, 2474, 4217, 4471, 5160, 6618, 6702, 7881, 8744, 9942, 10256
PULMONARY SURFACTANT: 1557, 5328, 8459, 8528, 8979, 8981
PULMONARY VALVE: 7408
PULMONARY VALVE INSUFFICIENCY: 9419
PULMONARY VALVE STENOSIS: 8382
PULMONARY VEINS: 767, 1295, 2270, 8822, 9617
PULPITIS: 4703
PULSE: 84, 1169, 2873, 4150, 6492, 7509, 8500, 9735
PUNCHED-CARD SYSTEMS: 4686
PUNCTURES: 2170, 3586, 3779, 3929, 4842, 4874, 4997, 6318, 7301, 7479, 9454
PUPA: 1578, 3098, 10115
PUPIL: 2385
PURINES: 564, 1151, 2842
PURINONES: 9282
PUROMYCIN: 1956, 2517, 2980, 3824, 8670, 9076, 9505
PUROMYCIN AMINONUCLEOSIDE: 9558
PURPURA: 393, 426, 512, 855, 1082, 1140, 1611, 1616, 1844, 2137, 2497, 2672, 2819, 3091, 3209, 3632, 3722, 4054, 4069, 4129–4132, 4419, 4621, 4657, 4795, 5016, 5398, 5488, 5709, 5763, 6045, 6066, 6149, 6944, 6997, 7233, 7732, 7815, 7897, 8163, 8223, 8245, 8365, 8680, 8703, 8828, 9017, 9697, 9801, 9822, 9905, 9970, 10144, 10255, 10258
PURPURA, HYPERGLOBULINEMIC: 4132
PURPURA, SCHOENLEIN-HENOCH: 1140, 1350, 1693, 3076, 3784, 4831, 8288, 9167
PURPURA, THROMBOPENIC: 20, 83, 162, 247, 278, 299, 304, 335, 534, 746, 788, 964, 989, 1291, 1320, 1474, 1570, 1629, 1696, 2010, 2059, 2189, 2225, 2240, 2392, 2399, 2690, 3077–3078, 3195–3196, 3284, 3318, 3377, 3451, 3598, 3602, 3729, 3819, 3865, 4013, 4022, 4051, 4058, 4090, 4193, 4304, 4340, 4422, 4521, 4662, 4666, 5084, 5092, 5130, 5205, 5319, 5400, 5614, 5632, 5634, 5671, 5718, 5817, 5869, 5920, 5973, 6024, 6045, 6050, 6124, 6135, 6202–6203, 6222, 6397, 6399, 6401, 6456, 6466, 6491, 6615, 6694–6695, 6815, 6876, 6899, 7097, 7133, 7170, 7219, 7233, 7319, 7413, 7463, 7560, 7619, 7930, 8036, 8120, 8139, 8179, 8276, 8309, 8342–8343, 8537, 8797, 8917, 9252–9253, 9266, 9574, 9580, 9620, 9678, 9689, 9877, 9985, 10036, 10101, 10294, 10297–10298
PURPURA, THROMBOTIC THROMBOPENIC: 190, 297, 608, 1271, 2329, 2655, 2684, 3497–3498, 4100, 4563, 5839, 5972, 6024, 6551, 6681, 9078, 9391, 9433, 9870, 9890, 10116, 10316
PUTAMEN: 6229
PUTRESCINE: 854, 1756, 2613, 4115, 5067, 5753, 7267, 8685
PYELONEPHRITIS: 225, 358, 2544, 2718, 2752, 3303, 3344, 3642, 4032, 5511–5512, 9123, 10342
PYLORUS: 3970, 5699
PYOCIN: 8480
PYODERMA: 9921
PYRANS: 202, 439, 1277–1278, 1522, 1575, 2325, 2430, 2685, 3339, 3470–3472, 3891, 5065, 5135, 5817, 6172, 6270, 6272–6273, 6554, 6649, 6872, 7409, 7961–7962, 8614, 8943, 8989–8990, 9731, 9872, 9920, 10166
PYRAZOLES: 4709, 4827
PYRIDAZINES: 2307, 8869
PYRIDINES: 1921, 3450, 3470–3472, 5133, 5953, 7051
PYRIDINIUM COMPOUNDS: 5763, 7417
PYRIDINOLCARBAMATE: 8950–8951, 9153
PYRIDOXAL: 10108
PYRIDOXAL PHOSPHATE: 4696, 6454, 8091, 9759
PYRIDOXINE: 2177, 3393, 4996, 6454, 7480, 8661, 8862
PYRIDOXINE DEFICIENCY: 1638, 4565, 4996, 6454
PYRILAMINE: 10047
PYRIMETHAMINE: 9951
PYRIMIDINE DIMERS: 5524
PYRIMIDINE NUCLEOTIDES: 1966
PYRIMIDINES: 798, 1544, 2842, 3628, 3946, 5797, 6153, 6993, 7183
PYRITHIOXIN: 3810, 3888
PYROGENS: 934, 2871, 4482, 6100, 7152, 7229, 7403, 9694
PYROPHOSPHATES: 1753, 2330, 2560, 2803, 4795, 6541, 8321, 8926, 10168
PYRROLES: 3033, 5160
PYRROLIDINES: 3429
PYRROLIZIDINE ALKALOIDS: 3878, 5160
PYRUVALDEHYDE: 9033
PYRUVATE CARBOXYLASE: 10057
PYRUVATE DEHYDROGENASE COMPLEX: 907, 1975, 10123
PYRUVATE DEHYDROGENASE PHOSPHATASE: 1975
PYRUVATE KINASE: 1770, 3444, 5401, 5890, 6582, 9246
PYRUVATE OXIDASE: 7457
PYRUVATES: 1977–1978, 1983, 3667, 4150, 5808, 9246, 9260, 10049
PYURIA: 1360, 7674

Q

Q FEVER: 9431
QUADRIPLEGIA: 1091, 7152
QUADRUPLETS: 7412
QUAIL: 5485, 6249
QUALITY CONTROL: 368, 626, 651, 1227, 1229, 1452, 3176, 4844, 5531, 5639, 9135, 9512, 9895
QUALITY OF HEALTH CARE: 1324, 2921
QUALITY OF LIFE: 568, 5356, 8995
QUARTZ: 7232
QUESTIONNAIRES: 5335, 6344, 8786
QUINACRINE: 896, 1911, 4954, 5571
QUINAZOLINES: 3405, 4070, 9639
QUINIDINE: 683, 711, 1457, 1634, 2206, 2363, 5128, 6658, 7520, 7733, 7930, 8927, 9486
QUININE: 1634, 2206, 7733, 8624
QUINOLINES: 8531
QUINONE REDUCTASES: 707
QUINONES: 33, 872, 1230, 3934, 4690, 5946, 9284
QUINUCLIDINES: 853, 1474

R

RA 233: 798
RABBITS: 25, 118, 142, 147, 156, 159, 191, 206, 211, 214, 223, 228, 263, 293, 343, 356, 363, 372, 374, 411, 454, 468, 476, 533, 549, 600–602, 629, 653, 655, 683, 715, 720, 751, 753–755, 763, 780, 792, 812, 846, 884, 888, 896, 900, 918, 925, 934, 947, 1000, 1007, 1010, 1016, 1020, 1039, 1083, 1125, 1186, 1210, 1278, 1283, 1317, 1346, 1354, 1363, 1391, 1393, 1409, 1421, 1438, 1440, 1451, 1458, 1468–1469, 1507, 1535, 1539, 1545, 1548, 1575, 1585–1586, 1593, 1610, 1618, 1660, 1694, 1706, 1715, 1721, 1767, 1777, 1784, 1816, 1869–1870, 1877, 1879, 1933, 1964, 1986, 1992, 2005, 2082, 2095, 2111–2112, 2127, 2145, 2155, 2157, 2192, 2230–2231, 2245–2246, 2255, 2268, 2291–2292, 2309, 2325, 2331, 2350, 2368, 2377, 2407, 2410, 2434, 2441, 2486, 2493, 2513, 2517, 2526, 2590, 2646, 2674, 2740, 2763, 2769, 2774, 2806, 2808–2809, 2834, 2848–2849, 2878, 2929, 2972–2973, 2978, 2997, 3017, 3019, 3029, 3043, 3047, 3063, 3117, 3145–3146, 3151, 3171, 3193, 3258, 3273–3274, 3307–3308, 3325, 3359, 3405, 3439, 3470, 3472, 3475, 3488, 3495, 3508–3509, 3532, 3544, 3556, 3572, 3661, 3672–3674, 3683, 3687–3688, 3695–3696, 3699–3700, 3710, 3761, 3791–3794, 3820–3821, 3842, 3845–3846, 3864, 3889, 3941–3942, 3957, 3963, 3989, 4003, 4008, 4076, 4091, 4102, 4138, 4270, 4273, 4294, 4353, 4358, 4371, 4373–4374, 4387, 4404, 4467, 4482, 4526, 4561, 4611, 4637, 4641, 4651–4652, 4661, 4665, 4678, 4728, 4759,

4776–4777, 4815, 4841, 4863, 4886, 4950, 4963, 4980, 4983, 4999–5000, 5065, 5083, 5115, 5129, 5140–5141, 5156, 5187, 5194, 5196–5197, 5203, 5236, 5257, 5292, 5297, 5310, 5313, 5369, 5388, 5393, 5429, 5444, 5450, 5495, 5525, 5571, 5602, 5612, 5620, 5672, 5682, 5685, 5687, 5694, 5767–5769, 5779, 5782, 5808, 5815, 5818–5819 5875, 5906, 5908, 5936, 5953, 5965, 5970, 5978, 5991, 6001–6003, 6047, 6144, 6196, 6217, 6233, 6258, 6269–6270, 6272–6274, 6300, 6328, 6377, 6402, 6430, 6441, 6443, 6496, 6499, 6545, 6548–6549, 6554, 6572, 6576, 6597, 6612, 6629–6630, 6649, 6669, 6673, 6712, 6720, 6728, 6785, 6787, 6802, 6808, 6816, 6818, 6844, 6872, 6891, 6896, 7028, 7037, 7072–7074, 7092, 7118, 7126, 7154, 7156, 7161, 7213, 7229, 7301, 7304, 7318, 7343–7344, 7369, 7378, 7395–7396, 7399, 7409, 7430, 7460, 7478, 7481, 7496, 7537–7538, 7549–7552, 7590, 7611, 7632–7633, 7670, 7694–7695, 7771, 7782, 7789, 7812, 7835, 7853, 7901, 7921–7922, 7946, 8001, 8019, 8025, 8058–8059, 8083, 8124, 8188, 8218, 8304, 8310, 8346, 8370–8371, 8396, 8460, 8522–8523, 8534, 8545, 8573, 8583, 8591–8592, 8622, 8625, 8638–8639, 8642, 8675, 8708, 8748, 8750, 8771, 8809–8810, 8814, 8836, 8926, 8950–8951, 8959, 8987, 9004, 9009, 9049, 9055, 9057, 9065, 9083, 9109, 9116, 9125, 9151, 9177, 9189, 9202, 9208, 9210, 9271, 9345, 9389, 9396, 9403–9404, 9412, 9445, 9505, 9531–9534, 9536, 9577, 9629, 9676, 9692, 9707–9708, 9718, 9743, 9792, 9812, 9824, 9826, 9844–9847, 9852, 9863, 9891, 10017–10019, 10077, 10124, 10161, 10178, 10180, 10182, 10202, 10212, 10253, 10262, 10271, 10276, 10285, 10296, 10340, 10351

RABIES VIRUS: 2153
RACCOONS: 1160
RACIAL STOCKS: 1752, 4745, 8332
RADIATION CHIMERA: 3263
RADIATION DOSAGE: 3410, 4463, 4840
RADIATION EFFECTS: 1411, 9749
RADIATION INJURIES: 418, 1814, 3209, 4621, 4840, 5776, 7674, 8024, 9124, 9395, 9625, 10213, 10359
RADIATION INJURIES, EXPERIMENTAL: 191, 1540, 2476, 3325, 3410, 5618, 6961, 7135, 9271, 10253
RADIATION, IONIZING: 824, 6961
RADIATION PROTECTION: 1025
RADIATION-PROTECTIVE AGENTS: 6961, 9271
RADIATION-SENSITIZING AGENTS: 1361–1362, 6257
RADICULITIS: 5367
RADIO-HIPPURAN: 8829
RADIOALLERGOSORBENT TEST: 1390, 5668
RADIOCHEMISTRY: 4982
RADIODERMATITIS: 1025
RADIOGRAPHIC IMAGE ENHANCEMENT: 3086, 10267
RADIOIMMUNOASSAY: 258, 277, 436, 1104, 1354, 1421, 1433, 1721, 1801, 1803, 2134, 2405, 2422, 2856, 3339, 3359, 3404, 4033, 4227, 4546, 4722, 5177, 5420, 5456, 6252, 6457, 6756, 7068, 7218, 7273, 7497, 7903, 8044, 8176, 8316, 8469, 8708, 8867, 9138–9139, 9156, 9198, 9240, 10358
RADIOISOTOPE DILUTION TECHNIC: 2143, 4093, 4458, 5293, 7879, 8013–8014, 8330
RADIOISOTOPE RENOGRAPHY: 3312, 6721, 7233
RADIOISOTOPES: 245, 3890, 4002, 4815, 5707, 6374, 6425, 8512, 8829, 9090, 9158
RADIOLIGAND ASSAY: 587, 804, 6869
RADIONUCLIDE IMAGING: 28, 31, 518, 528, 616, 668, 671, 706, 796, 834, 910, 1021, 1039, 1087, 1200, 1371, 1602, 1658, 1670, 1724, 1748, 1773, 1997, 2047, 2052, 2063, 2101–2102, 2125, 2194, 2301, 2330, 2379, 2579, 2691, 2743, 2775, 2934, 2936, 3097, 3208, 3268, 3338, 3607, 3631, 3644–3645, 3664–3665, 3720, 3754, 3881, 3890, 3904, 4046, 4179, 4220, 4286, 4324, 4465, 4625, 4627, 4630, 4718, 4795, 5011, 5143, 5392, 5547, 5567, 5649, 5707, 5720, 5820, 5841, 5979, 6311, 6346, 6366, 6374, 6621, 6711, 6741, 6749, 6819, 7007, 7079, 7108, 7126, 7245, 7377, 7698, 7872, 7965, 7996, 8167, 8298, 8351, 8356, 8409, 8512, 8595, 8621, 8707, 8742, 8750, 8998, 9090–9091, 9155, 9261, 9295, 9519, 9521, 9549, 9598, 9655, 9842, 9864, 9867, 9882, 10019, 10021
RADIOTHERAPY: 110, 1025, 1044, 1526, 1726, 6266, 6914, 7427, 8024, 8193, 9830
RADIOTHERAPY DOSAGE: 760, 3160, 3712, 6266, 8912, 9124, 9976, 10213
RADIOTHERAPY, HIGH ENERGY: 6819
RADIUS: 1696, 2335, 3574, 5123
RADON: 112, 6068
RANA CATESBEIANA: 4252, 4519, 7909
RANA TEMPORARIA: 4190, 5047, 5052, 6655, 8659
RATS: 4, 38, 41, 50, 68–69, 96, 142, 160, 181–182, 215, 222, 228, 230–231, 234, 245, 248, 257, 274, 285, 287, 324, 331, 346–347, 373, 402, 422, 428, 436, 454, 479, 485–486, 496–497, 572, 584, 587, 609–610, 643, 667, 672, 683, 702, 704, 713, 718, 755, 766, 783, 804–805, 807, 833, 842, 898, 906, 923, 945–946, 957, 966, 984, 1026, 1033, 1049, 1068, 1098, 1108–1109, 1119, 1167, 1243–1245, 1253, 1258–1259, 1277–1278, 1296, 1307, 1355–1356, 1393, 1408, 1422, 1426, 1428, 1435, 1439, 1441, 1445, 1448, 1461, 1475, 1491–1494, 1517, 1528, 1540, 1544, 1576–1579, 1598, 1625, 1656, 1664–1666, 1673, 1678, 1690, 1695, 1765, 1767, 1789, 1817, 1847, 1855, 1875, 1880, 1897, 1955, 2005, 2011, 2013, 2023, 2025–2027, 2058, 2092, 2095, 2155, 2177, 2217–2218, 2274, 2283, 2302, 2326, 2332, 2342, 2344, 2401, 2424–2425, 2428, 2439, 2444, 2461, 2500, 2516, 2533, 2552, 2555–2556, 2589, 2606, 2612, 2614–2616, 2619–2620, 2632, 2682, 2688, 2707, 2720–2721, 2724, 2763–2764, 2776, 2788, 2810–2811, 2816, 2821, 2824, 2848, 2894, 2904, 2909, 2929, 2956, 2974–2975, 2980, 2982, 2994, 3010, 3021, 3023, 3027, 3029, 3036, 3074, 3096, 3102–3104, 3127, 3130, 3144, 3148, 3156–3158, 3175, 3198–3199, 3205, 3233, 3267, 3269–3270, 3282, 3298–3299, 3311, 3330, 3340–3341, 3350–3352, 3364, 3386–3387, 3403–3404, 3412, 3429–3430, 3444, 3489, 3496, 3518, 3528–3530, 3532, 3569, 3594, 3603, 3618, 3634, 3660, 3668, 3699, 3710, 3763, 3789, 3835, 3838, 3845–3846, 3878, 3884, 3888, 3922–3923, 3932–3933, 3942, 3965–3966, 3972, 3976–3977, 3981, 4006, 4091, 4104, 4111, 4115, 4125, 4136, 4141, 4143, 4145, 4153, 4157, 4176, 4179, 4194, 4203, 4209, 4219, 4222–4224, 4226, 4246, 4263, 4270, 4277, 4280–4282, 4294, 4313, 4331, 4359, 4363, 4366, 4379–4382, 4384, 4393, 4423, 4435–4436, 4468–4469, 4488, 4531, 4537, 4547, 4560, 4564–4565, 4588, 4609, 4623–4624, 4653, 4677, 4705, 4721, 4724–4726, 4737, 4748–4749, 4758–4759, 4762, 4798, 4814, 4835, 4839–4841, 4849, 4857–4858, 4879, 4886–4887, 4894, 4904, 4906, 4928, 4940, 4956, 4993, 5012–5013, 5021, 5040, 5042–5046, 5048–5050, 5060, 5065–5066, 5106, 5115, 5117, 5131, 5144, 5148, 5152, 5158–5160, 5162, 5167, 5173, 5179, 5204, 5247, 5255, 5263, 5272, 5276, 5281, 5293, 5327, 5359, 5396, 5399, 5406, 5410, 5412, 5424, 5434–5435, 5450, 5452, 5454–5455, 5475, 5478, 5499, 5522, 5571, 5577, 5600, 5616, 5665, 5703, 5714, 5737, 5775, 5778–5779, 5788, 5802, 5806, 5811–5812, 5814, 5826, 5886, 5902, 5905–5906, 5944, 5949, 5953, 5964, 5975, 5989–5990, 6000, 6007, 6014, 6034, 6059, 6068, 6083, 6089, 6100–6101, 6115–6116, 6146, 6161, 6171, 6175, 6199, 6218, 6230, 6238, 6255, 6264, 6268, 6270, 6278–6282, 6296, 6305, 6325, 6330, 6332, 6356–6357, 6380, 6383, 6386, 6395, 6435, 6468, 6486, 6508, 6533, 6536, 6541, 6566–6567, 6602, 6605, 6624, 6626–6627, 6638–6640, 6646, 6649–6650, 6659, 6664, 6674, 6682, 6719, 6742, 6753, 6767, 6769, 6794, 6802, 6816, 6831, 6845, 6868, 6872, 6884, 6892, 6895, 6897, 6909, 6933, 6964, 7011, 7018, 7035–7037, 7042, 7061, 7071, 7093–7094, 7106, 7115, 7118, 7128, 7142, 7152, 7164, 7175, 7180, 7184, 7197, 7200, 7203, 7206–7214, 7222, 7231, 7257, 7269–7271, 7277–7278, 7325, 7348, 7355, 7382, 7400, 7403, 7470, 7475, 7478, 7519, 7521, 7537, 7544, 7564, 7582, 7609, 7648–7649, 7664, 7667, 7685–7687, 7707, 7716, 7719, 7723, 7727, 7729, 7733, 7736, 7744, 7748–7749, 7758, 7769, 7772, 7777, 7791, 7794, 7820–7821, 7835, 7852, 7867, 7896, 7902, 7905, 7908, 7946, 7953, 7975, 7987, 8001, 8055, 8089, 8101, 8112, 8124, 8142, 8148–8150, 8200–8204, 8216, 8233, 8247–8248, 8259, 8277, 8285, 8294, 8314–8315, 8325, 8338, 8351, 8366–8367, 8374, 8400, 8431, 8434, 8447, 8494–8495, 8515, 8521, 8527, 8534, 8568, 8578, 8603, 8619, 8623, 8685, 8687, 8712, 8723, 8735, 8750, 8755, 8777, 8791, 8794, 8826, 8865, 8870, 8878, 8880, 8882, 8910–8911, 8915, 8920, 8922, 8926, 8949, 8958, 8968–8970, 8983, 9009, 9040, 9057, 9072, 9084, 9093, 9095, 9099, 9111, 9117, 9119, 9134, 9137, 9142, 9151, 9186, 9194, 9206, 9216, 9238, 9246, 9267, 9278, 9296, 9300, 9308, 9315, 9331–9332, 9338, 9350, 9362, 9367, 9380, 9393, 9396, 9399, 9413, 9417, 9460, 9487, 9490, 9500, 9524, 9530–9531, 9544, 9558, 9622, 9634, 9641, 9667, 9680, 9686–9687, 9708, 9715, 9742, 9794–9796, 9808, 9811, 9839, 9878, 9886, 9925–9926, 9947–9949, 9971, 9988–9989, 9999, 10027, 10031–10032, 10042, 10047, 10071, 10077, 10094–10097, 10126–10127, 10137, 10187–10188, 10194, 10199, 10210, 10212, 10224, 10226, 10291, 10307, 10340, 10378–10379

RATS, INBRED ACI: 2720–2721
RATS, INBRED BN: 8434
RATS, INBRED LEW: 1598, 2552, 2720, 4849, 4993, 6693, 7042, 8434
RATS, INBRED STRAINS: 1422, 1461, 1955, 2721, 3299, 3972, 5327, 6626, 7115, 8142, 9878
RATS, INBRED WF: 6468
RAUSCHER VIRUS: 2418, 6750, 10167
RAUWOLFIA: 8823
RAUWOLFIA ALKALOIDS: 4619, 6032, 8823
RAYNAUD'S DISEASE: 2174, 4291, 5624, 9548, 9777
REACTION TIME: 2767, 5754, 9695
REAGINS: 1931
RECEPTORS, ADRENERGIC, BETA: 7222, 10155, 10250
RECEPTORS, ANDROGEN: 1299, 5500, 6087–6088
RECEPTORS, ANGIOTENSIN: 9487
RECEPTORS, CHOLINERGIC: 10155
RECEPTORS, CONCANAVALIN A: 1036, 4448, 5167, 8111, 8182, 9844, 9846

RECEPTORS, CYCLIC AMP: 3212, 4141
RECEPTORS, DOPAMINE: 6982, 8629
RECEPTORS, DRUG: 356, 1036, 1123, 1193, 1285, 1619, 1803, 1855, 1986, 2369, 2625, 2757, 3568, 3790, 4089, 4439, 4448, 4833, 5055, 5203, 5318–5319, 5635, 6255, 6427, 7128, 7162, 7362, 8022, 8111, 8259, 9390
RECEPTORS, ESTROGEN: 1682, 2974–2975, 5306, 5500, 7401, 8160, 8262
RECEPTORS, GLUCOCORTICOID: 1674, 6034, 6624
RECEPTORS, HISTAMINE: 1642
RECEPTORS, HISTAMINE H1: 1642
RECEPTORS, HISTAMINE H2: 1642, 5440
RECEPTORS, HORMONE: 202, 804–805, 1331, 2092, 2283, 2668, 2682, 3583, 3809, 5667, 6063, 7473, 7491, 8779, 9267, 9443, 10000
RECEPTORS, INSULIN: 1875, 3634, 4894, 6655, 7455
RECEPTORS, NARCOTIC: 19, 643, 2214, 6175, 7772, 7820
RECEPTORS, PROSTAGLANDIN: 202, 9267
RECEPTORS, SEROTONIN: 6823, 8479, 8730
RECEPTORS, STEROID: 1674, 5500, 5667, 6034, 6087–6088, 6624
RECOMBINATION, GENETIC: 1444, 4709, 5468, 9527, 9623, 9825
RECORDS: 2832
RECTAL DISEASES: 9395
RECTAL NEOPLASMS: 895, 1473, 3587, 4309, 4407, 5674, 6310, 8205
RECTAL PROLAPSE: 6641
RECTUM: 1527, 2545, 4199, 9360, 9395
RECURRENCE: 31, 81, 87, 352, 929, 1615, 1806, 1888, 2041, 2059, 2351, 2442, 2634, 2638, 2675, 2936, 3227, 3377, 3605, 3631, 3648, 3734, 3828, 3867, 3881, 4193, 4244, 4292, 4666, 4740, 4912, 5064, 5200, 5291, 5335, 5634, 5676, 5885, 5915, 5943, 6165, 6376, 6586, 6678, 6741, 6977, 7247, 7509, 7828, 7854, 7926, 7968, 8251, 8327, 8357, 8572, 9164, 9178, 9187, 9277, 9288, 9494, 9518, 9631, 9635, 9806, 9931, 10257
RED NUCLEUS: 884
REFLEX: 630, 1176, 5052, 7787, 8137, 8659
REFLEX, ABNORMAL: 8054
REFLEX, PUPILLARY: 9764
REFLEX SYMPATHETIC DYSTROPHY: 3905
REFLEX, TENDON: 8054
REFRACTION, OCULAR: 2759
REFRACTIVE ERRORS: 7669
REFRACTORY PERIOD, NEUROLOGIC: 6410
REFRIGERATION: 73, 1514, 3005, 3814, 4686, 5740, 7873, 8411, 9644
REGENERATION: 1665, 4761, 5806, 7135
REGIONAL BLOOD FLOW: 480, 499, 569, 880, 955, 1303, 1343, 1804, 2151–2152, 2158, 2382, 2590, 2934, 2969, 3425, 3551–3552, 3766, 3794, 4074, 4779, 4856, 5078, 5282, 5311, 5404, 5624, 5664, 6358, 6436, 6632, 6962, 7043, 7083, 7579, 7776, 7864, 8124, 8519, 8549, 8683, 9150–9151, 9179, 9334, 9510, 9901, 10047
REGISTRIES: 2321, 3348, 9602
REGRESSION: 355
REGRESSION ANALYSIS: 89, 2288, 2742, 2796, 2900, 3169, 3464, 7187, 7422, 8714
REGURGITATION, GASTRIC: 5373, 7192
REHABILITATION: 605, 7792
REHABILITATION CENTERS: 1091
REHABILITATION, VOCATIONAL: 4077, 5923
REIMPLANTATION: 830, 1853, 4738, 6120, 6354, 7246, 9065, 9856
REINDEER: 8925
REITER'S DISEASE: 5394
RELAPSING FEVER: 2069
RELAXIN: 2805, 8217
RELIGION AND MEDICINE: 2131
REMISSION: 167, 503, 1191, 1375, 1473, 1726, 2156, 2329, 2351, 3377, 3385, 3782, 4013, 4045, 4048, 4147, 4408, 4824, 4831, 4989, 5018, 5080, 5243, 5592, 6201, 6819, 7157, 7794, 7837, 8024, 8085, 8833, 8861, 9285, 9615, 9635, 9726, 9843, 9910, 9951, 9976, 10017–10018, 10100–10101, 10257
RENAL ARTERY: 379, 539, 677, 846, 871, 977, 997, 1574, 2130, 2292, 2380, 2391, 2430, 3496, 3766–3768, 4074, 4832, 5304, 5559, 5867, 5985, 6251, 6301, 7132, 8485, 8602, 8620, 9062, 9420, 9561, 9722, 9740, 9791, 10217
RENAL ARTERY OBSTRUCTION: 53, 379, 552, 977–978, 2201, 2391, 2930, 4718, 5295, 7132, 8690, 9420
RENAL ARTERY STENOSIS: 977, 1974, 2380, 2391, 3766, 3768, 4568, 5295, 7281, 8620, 9475
RENAL OSTEODYSTROPHY: 4645
RENAL VEINS: 51, 53, 552, 677, 977, 1360, 1574, 1851, 1874, 2011, 2130, 2201, 2687, 3213, 3416, 4079, 4568, 4674, 4847, 5095, 5520–5521, 5655, 5864, 6721, 7505, 7577–7578, 7736, 7803, 7861, 8168, 8207, 8212, 8562, 8620, 8974, 9062, 9123, 9167, 9429, 9515, 9561, 9616–9617, 9728, 9798, 9940
RENIN: 597, 1760, 1974, 2326, 2342, 2481, 2930, 3130, 3496, 3535, 3580, 3935, 4366, 5280, 5404, 5456, 5695, 5800, 6626–6627, 6868, 6931, 7067, 7420, 8090, 8257, 8316, 8549, 8690, 9028, 9033, 9151, 9156, 9442, 9487, 9987
RENNIN: 1857, 2414, 3428, 6512
REOVIRUS TYPE 3: 5553, 9839
REOVIRUSES: 5553, 7988
REPRODUCTION: 5331, 7222, 8430
REPTILASE: 328, 541, 743, 887, 1047, 3240, 3362, 4203, 4781, 4857, 5032, 5034, 5182, 5803, 5938, 6011, 6855–6856, 6957, 8394, 8676, 9587, 9606, 9628
REPTILES: 7901
RESEARCH: 4872, 5960, 9961, 10344, 10385
RESEARCH DESIGN: 288, 711, 5593, 5971, 8080, 8265, 10058
RESERPINE: 1065, 1469, 1540, 1665, 1798, 2567, 3063, 5257, 5263, 5989, 7550–7552, 7568, 7902, 8823, 9949
RESIDUAL VOLUME: 5491
RESINS: 5083, 7451, 10041
RESINS, SYNTHETIC: 1118, 4039, 10286
RESPIRATION: 1819, 2232, 2481, 2841, 4167, 4909, 5809, 5894, 5953, 6366, 6621, 7192, 8956, 9444, 9447, 9533, 9565, 9594, 9596
RESPIRATION, ARTIFICIAL: 901, 2730, 2905, 3370, 3643, 3874, 4236, 4921, 5075, 5348, 5408, 8459, 8506, 8956, 9104, 9700, 9737, 10008
RESPIRATION DISORDERS: 2761, 4705, 5075, 6065, 6080, 6167, 7576
RESPIRATORS: 6080, 10308
RESPIRATORY AIRFLOW: 4167, 9091
RESPIRATORY DISTRESS SYNDROME: 177, 488, 766, 1743, 1784, 2607, 2791, 3505, 5654, 6046, 8528, 8980, 9923
RESPIRATORY DISTRESS SYNDROME, ADULT: 642, 705, 901, 985, 1182, 3643, 3996, 4473, 4493, 5348, 5693, 5735, 6864, 7119, 7641, 8132, 8255, 8459, 9141, 9700, 10315
RESPIRATORY FUNCTION TESTS: 1683, 4166, 5491, 5668, 6228, 7002, 8242, 8956, 9063, 9754, 10008, 10386
RESPIRATORY HYPERSENSITIVITY: 110, 4166, 5894, 7509, 9406, 9754, 10386
RESPIRATORY INSUFFICIENCY: 113, 360, 473, 1557, 2133, 3370, 3536, 3540, 4236, 5523, 5679, 6096, 6388, 6609, 6684, 7004, 7034, 7119, 7192, 7482–7483, 7566, 7605, 7910, 8167, 8242, 8317, 8345, 8566, 8744, 9063, 9325, 9923, 9962, 10008, 10222, 10260, 10308
RESPIRATORY PARALYSIS: 110
RESPIRATORY SYSTEM: 1019, 4036, 5523, 7793
RESPIRATORY TRACT DISEASES: 788, 3808, 3897, 5121, 8132
RESPIRATORY TRACT INFECTIONS: 110, 740, 2730, 4553, 5147, 6618, 8132, 8520, 8703, 9016
RESPIRATORY TRACT NEOPLASMS: 7351
REST: 2158–2159, 5974, 8337, 9277
RESTRAINT, PHYSICAL: 5049
RESUSCITATION: 980, 1779, 2450, 5201, 5523, 5733, 6165, 8246, 8376, 8582, 9265
RETICULAR FORMATION: 7584
RETICULOCYTES: 1146, 1756, 1816, 2517, 3017, 3205, 3439, 3764, 4955, 4993, 5129, 5532, 5801, 6242, 7155, 8162, 8286–8287, 8360, 8573, 9505
RETICULOENDOTHELIAL SYSTEM: 2942, 3448, 5141–5142, 5255, 5450, 7004, 7043, 7200, 7203, 7537, 8642, 9853
RETICULOENDOTHELIOSIS: 1644, 2289, 4054, 6527
RETINA: 1402, 1651, 2894, 4530, 5669, 6351, 6433, 7491, 7533, 7595, 9334, 9732, 10014–10015, 10332
RETINAL ARTERY: 404, 1651, 1894, 3731, 4856, 5545, 6436, 7533, 7766, 8697, 9334, 10052
RETINAL DEGENERATION: 6991, 8420, 9098
RETINAL DETACHMENT: 835, 1402, 1704, 2759, 6991, 7533, 7876–7877, 8161, 8420, 9729, 10052
RETINAL DISEASES: 404, 1378, 1651, 1763, 1790, 1894, 2128, 2140, 2760, 2986, 3425, 3718, 3731, 4616, 4828, 5278, 5545, 5977, 6632, 6859, 7052, 7766, 7776, 8697, 9334
RETINAL HEMORRHAGE: 133, 1378, 1763, 1837, 2354, 2758, 3718, 4828, 7506, 7511, 7876–7877, 8550
RETINAL PIGMENTS: 3622, 4796
RETINAL VEIN: 130, 404, 1183, 1837, 1894, 2140, 2758, 2760, 2770, 3718, 4680, 4856, 4969, 5261, 5278, 5545, 5706, 6559, 7052, 7533, 8628, 9334, 9509
RETINAL VESSELS: 1378, 1651, 2128, 2354, 2881, 2986, 3425, 3818, 4856, 4970, 5977, 6117, 6632, 6859, 7156, 7533, 7776, 7778, 8914, 9321
RETINITIS: 1378, 2354
RETINITIS PIGMENTOSA: 4926, 6018
RETINOBLASTOMA: 3843, 8129, 9719, 10052
RETINOL BINDING PROTEINS: 7490
RETROLENTAL FIBROPLASIA: 832
RETROPERITONEAL FIBROSIS: 379, 3642, 7991
RETROPERITONEAL NEOPLASMS: 3642, 4187, 5302, 6156, 8207

RETROPERITONEAL SPACE: 750, 962, 1501, 1593, 2747, 5157, 5744, 5796, 5859, 6186, 6724, 7479, 9066, 9257, 9722, 9859, 9982
RETROSPECTIVE STUDIES: 48, 85–86, 316, 625, 644, 1112, 1559, 1607, 1832, 1902, 1907, 2101, 2392, 3037, 3516, 3563, 3587, 3609, 3764, 3869, 4019, 4257, 4765, 5075, 5348, 5985, 6586, 7817, 8192, 8373, 8392, 8421, 9231, 9962
REVERSE TRANSCRIPTASE: 1178, 5553, 8042, 9348, 9582
REYE'S SYNDROME: 6440, 7084, 9494
RH-HR BLOOD-GROUP SYSTEM: 382, 1111, 1227, 1459, 3761, 3883, 4041, 5290, 7620, 8536, 9511, 9621
RHABDOMYOSARCOMA: 1428, 2119, 2244, 2419, 3377, 6959, 9123, 9887
RHEOLOGY: 395, 533, 601–602, 757, 875, 1023, 1572, 1762, 1991, 2108, 2174, 2563, 2716, 3179, 3517, 4519, 5190, 5507, 5708, 6065, 6111–6112, 6444, 6930, 7190, 7434–7435, 7508, 7602, 7624, 7878, 8123–8124, 8126–8127, 8214, 8308, 8813, 8837, 9229, 9547, 9672, 9739, 10174
RHESUS MONKEYS: 47, 258, 306–307, 1186, 1382, 1497, 2359, 3151, 3579, 4242, 5078, 5530, 6370, 7523, 8052–8053, 9057, 9527, 9626, 10017–10018, 10178
RHEUMATIC FEVER: 3281, 4103, 4563, 4852, 5586, 6149, 8288, 9235, 9822
RHEUMATIC HEART DISEASE: 224, 2323, 4453–4454, 4607, 6067, 6208, 6342, 7643, 7724, 7959, 8017, 8288, 8662, 9247, 9651
RHEUMATISM: 1180, 1540, 1565, 1945, 2594, 2887, 3279–3280, 3415, 4852, 5001, 5377, 8204, 8806, 10233
RHEUMATOID FACTOR: 2057, 2459, 2574, 3937, 4852, 5632, 5709, 7006, 7250, 7979
RHEUMATOID NODULE: 3937
RHINOPLASTY: 8319
RHIZOPUS: 2852, 2885–2886, 3428, 5870, 6512, 8908
RHODAMINES: 4531
RHODNIUS: 2955
RHODOPSIN: 3622, 4796
RHODOSPIRILLUM RUBRUM: 2272
RHYTHM METHOD: 10218
RIB FRACTURES: 976, 1182, 2450
RIBOFLAVIN: 2177, 2386, 3585, 7480
RIBOFLAVIN DEFICIENCY: 1638
RIBONUCLEASE: 33, 153–154, 374, 498, 1187, 1293, 1443, 1674, 1965, 2089, 2254, 2618, 2677, 2967, 3100, 3316, 3519, 3743, 3986, 4001, 4115–4116, 4122, 4201, 4311, 4369, 4401–4403, 4531, 4703, 4833, 4836, 4951, 5067, 5079, 5308, 5779, 5981, 6259, 6325, 7136, 7226, 7673, 7790, 7810, 8389, 8854, 9031–9033, 9284, 9490, 9503, 9568, 9582, 9990–9991, 10050, 10191, 10227, 10280
RIBONUCLEOPROTEINS: 6337
RIBONUCLEOTIDES: 7685, 8032
RIBOSE: 3910, 5358
RIBOSEMONOPHOSPHATES: 4288
RIBOSEPHOSPHATE PYROPHOSPHOKINASE: 632
RIBOSOMAL PROTEINS: 1510, 1547, 1578, 2375, 3386, 3745, 3887, 4116, 5473, 5724, 6325, 6355, 6606, 9313, 9502, 10029–10030
RIBOSOMES: 898, 1293, 1510, 1855, 2375, 3386, 3887, 4905, 5308, 5368, 5719, 6355, 6606, 6638, 8138, 8259, 8589, 8679, 9407, 9488, 9502, 9505, 9650
RIBS: 5604, 6093, 9993
RIBULOSEBIPHOSPHATE CARBOXYLASE: 2183
RICINUS: 5612
RICKETS: 10284
RICKETS, VITAMIN D RESISTANT: 330
RICKETTSIA RICKETTSII: 6370
RICKETTSIACEAE: 4478
RICKETTSIAL INFECTIONS: 4478, 7637, 8031
RIFAMPIN: 788, 791, 1293, 1306, 1961, 2362, 2752, 3129, 3611, 4367, 5601, 5830, 6103, 10261
RISK: 72, 129, 238, 254, 405, 530, 573, 618, 637, 693, 759, 1025, 1683, 1752, 1831, 2133, 2748, 2765, 2831, 2933, 3011, 3035, 3278, 3287–3288, 3395, 3464, 3486, 3541, 3643, 3647, 3723, 3869, 3881, 3950, 4029, 4109, 4257, 4566, 4668, 4822, 5285, 5400, 5607, 5628, 5637, 5654, 5662, 5721, 5856, 5885, 6114, 6228, 6241, 6348, 6524, 6704, 6745, 7192, 7278, 7734, 7854, 7907, 7934, 8132, 8175, 8177, 8269, 8303, 8709, 8852, 9145, 9277, 9374, 9440, 10074, 10335
RISTOCETIN: 164, 197, 477, 908, 1066, 1133, 1174, 1454, 1536–1537, 2009, 2055, 2353, 2407, 3135–3136, 3802, 3853, 4159, 4316, 4729, 4935, 5104, 5405, 5432, 6135, 6202, 6243, 6479–6480, 6633, 6850, 6942, 7087, 7162, 8388, 8726, 8816, 9204, 9252–9253, 9586, 9762, 9835, 10231, 10294, 10317–10318
RITODRINE: 4619
RNA: 59, 482, 1119, 1604, 2603, 2618, 3010, 3252, 3743, 3795, 4114, 4160, 4531, 4760, 5524, 6337, 6602, 6638, 6708, 7226, 9541, 9622, 9851, 10191
RNA, BACTERIAL: 4116, 5540, 5601, 6396, 6606, 8538
RNA, MESSENGER: 1816, 1965–1966, 2183, 3015–3017, 4106, 5175, 5308, 5540, 5719, 6638, 7754, 9542
RNA, NEOPLASM: 1789, 2895, 7794
RNA POLYMERASE I: 3795, 8321
RNA POLYMERASE II: 3376, 3795, 8321
RNA POLYMERASES: 1293, 2909, 3376, 3795, 4367, 4635, 5554, 5601, 6396, 6522, 6927, 7159, 7516, 7593, 7988, 8321, 8719–8720, 8804, 8938
RNA, RIBOSOMAL: 1510, 1547, 2375, 4116, 5724, 6337, 6396, 8938
RNA, TRANSFER: 2677, 3386, 4240, 5308, 5753, 5805, 8589, 9505
RNA, VIRAL: 391, 4367, 4635, 5368, 6751, 7516, 8362, 10248
RNA VIRUSES: 2383, 5228, 8322
RO 20–1724: 38, 9142
ROCKY MOUNTAIN SPOTTED FEVER: 4603, 6370
RODENT DISEASES: 2478, 3841, 5337
RODENTICIDES: 2683, 3350–3351, 7521, 7717, 7802, 9545
RODENTS: 2284
RODS AND CONES: 4796
ROLE PLAYING: 2921
ROLITETRACYCLINE: 2084
ROOT CANAL THERAPY: 4703
ROTATION: 2254, 7155, 8126
ROTENONE: 287, 707, 3641
ROUS SARCOMA: 701
ROUS SARCOMA VIRUS: 873, 2757, 5485, 8691, 9582, 10038, 10244
RUBBER: 7229
RUBELLA: 1380, 4214
RUBELLA VIRUS: 4214, 8452
RUBIDIUM: 3890, 5635
RUBREDOXINS: 5076
RUNNING: 2167, 5835
RUPTURE: 483, 1081, 2421, 2575, 2654, 2718, 3070, 3396, 6965, 7132, 8143, 8657, 9094, 9722, 9827, 9993, 10091, 10277, 10337
RUPTURE, SPONTANEOUS: 677, 868, 2380, 2654, 3044, 3433, 3709, 3952, 4498, 4826, 4947, 4973, 5517, 6667, 7148, 7309, 9010, 9225, 9819–9820, 9833, 10053, 10175
RUTHENIUM RED: 7804
RUTIN: 629, 997, 1440–1441, 1482, 1877, 2707, 3447, 3888, 4959–4960, 7202, 7204–7205, 7214, 8285
RYE: 588, 6483

S

SACCADES: 8300
SACCHAROMYCES: 1286, 3925
SACCHAROMYCES CEREVISIAE: 55, 412, 451–452, 1286, 3480, 3612, 3680, 3711, 3954, 4114, 4369, 4390, 4405, 4434, 4709, 5036, 5643–5644, 5758, 5874, 6042, 6729, 7014, 7050, 7226, 7304, 7364, 8102, 8321, 8430, 9248, 10108
SACCHAROMYCOPSIS: 7
SAFFLOWER OIL: 7382
SALAMANDERS: 975, 1671
SALICYLANILIDES: 6853, 8032
SALICYLATES: 1691, 2393, 3583, 3858, 6500, 6782, 7062, 7499, 8623, 9413
SALICYLAZOSULFAPYRIDINE: 399
SALICYLIC ACIDS: 34, 1691, 4470, 5313, 5774, 7883, 8478, 8806, 9140, 9533
SALINE SOLUTION, HYPERTONIC: 766, 2646, 8308, 9154
SALIVA: 497, 569, 2368, 2385, 2387, 2894, 2956, 3067, 4239, 4688, 5111, 5396, 6246–6247, 6897, 7028, 7064, 7225, 7912, 8109, 8572, 8641, 9568, 9573, 9707
SALIVARY GLAND DISEASES: 1543, 5544, 7495, 8191
SALIVARY GLAND NEOPLASMS: 6959, 8191, 9955
SALIVARY GLANDS: 497, 3575, 4239, 4688, 7064, 7067, 7491, 9568
SALIVARY PROTEINS: 569, 3603
SALIVATION: 4239, 6897
SALMINE: 2449
SALMON: 1437
SALMONELLA: 1252, 1527, 1832, 4439, 4709, 6511, 6513, 7684
SALMONELLA ENTERITIDIS: 3544, 3706, 4561, 4963, 9692
SALMONELLA FOOD POISONING: 1177, 1527
SALMONELLA INFECTIONS: 1832
SALMONELLA PHAGES: 2492
SALMONELLA TYPHI: 4036, 8632, 8638
SALMONELLA TYPHIMURIUM: 4288, 6163, 6259, 7616, 9556, 9667
SALMONIDAE: 3015, 4106
SALPINGITIS: 4741, 6548–6549
SALTS: 7, 1235, 1737, 3107, 5058, 7092
SAPHENOUS VEIN: 594, 631, 960, 1028, 1141, 1273, 1342,

2233, 3099, 3401, 3467–3468, 3559, 3813, 3987, 4315, 4601, 4896, 5081, 5249, 5622, 6346, 6546, 6744, 6820, 7365, 8013, 8716, 8841, 9024, 9164, 9178, 9934, 10211, 10217
SAPONINS: 1877, 4914, 6305, 7376, 10034, 10299
SARCOIDOSIS: 1415, 7901, 9409
SARCOLEMMA: 507, 4673
SARCOMA: 127, 276, 402, 1646, 2981, 3088, 5024, 5307, 5929, 6168, 6749, 8055, 8363, 8498, 9214–9215
SARCOMA 180, CROCKER: 1789
SARCOMA, EXPERIMENTAL: 422, 1411, 1695, 4879, 6799
SARCOMA, KAPOSI'S: 1414
SARCOMA, MAST CELL: 4111, 5472, 5635, 9191, 9807
SARCOMA, OSTEOGENIC: 3843, 5056, 6665, 8547, 8854, 8874
SARCOMA, RETICULUM CELL: 418–419, 1646, 6695, 6959, 8833
SARCOMA, YOSHIDA: 4179, 4488, 4841, 9084
SARCOPLASMIC RETICULUM: 3368, 5732, 5975
SATIATION: 1535
SCABIES: 4233, 4621
SCALENUS ANTICUS SYNDROME: 487, 1223, 3154, 3225, 5189
SCALP: 695, 831, 5828, 6062, 6550, 6959, 7542, 9127, 9327
SCALP DERMATOSES: 9980
SCARLET FEVER: 3266, 8703
SCATTERING, RADIATION: 61, 897, 1418, 2651, 3725, 5225, 8323, 8394, 8397
SCHAMBERG'S DISEASE: 9697
SCHISTOSOMA: 4387
SCHISTOSOMA MANSONI: 1956, 5186, 6190, 6457, 8400, 9336–9337
SCHISTOSOMIASIS: 4387, 5186, 8400
SCHIZOPHRENIA: 435, 633, 675–676, 737, 778, 1381, 1387, 3245, 3393, 4408, 5990, 6449, 6451, 6934, 6982, 8378, 8629, 8730, 8930, 9212, 9919
SCHIZOPHRENIA, CHILDHOOD: 1381, 7642
SCHIZOPHRENIA, PARANOID: 8930
SCHIZOPHRENIC PSYCHOLOGY: 633
SCHOOLS: 8786
SCIATIC NERVE: 4055, 7658, 8534
SCIATICA: 1467, 2273, 8806
SCINTILLATION COUNTERS: 2139, 8750
SCLERA: 8628
SCLERAL BUCKLING: 1402
SCLERODERMA, CIRCUMSCRIBED: 4520
SCLERODERMA, SYSTEMIC: 1945, 2351, 3076, 3422, 4563, 6588, 9548
SCLEROSING SOLUTIONS: 1142, 2226, 3501, 4601, 5909, 7493
SCLEROSIS: 5077
SCOLIOSIS: 5604, 5703
SCORPIONS: 562
SCROTUM: 2421, 2650, 4603, 4769, 6592, 7504, 8620, 9094
SCURVY: 335, 1082, 5322, 9844
SEA ANEMONES: 1318, 10084–10085
SEA URCHINS: 546, 1310, 1318, 1424–1425, 2334, 2340, 4112, 4142, 4734, 5558, 6789, 8119, 8189, 8238, 8864, 9449
SEALED CABIN ECOLOGY: 8426
SEASONS: 365, 745, 1035, 1752, 2129, 2175, 3869, 6524, 8703, 10284
SEAT BELTS: 7991
SEAWATER: 4370, 5074, 7078
SEBACEOUS GLAND NEOPLASMS: 3289
SEBORRHEA: 5419
SECRETIN: 346–347, 1099, 1220, 1354, 2817, 3319, 3908, 4623–4624, 4898, 4908, 5198, 5627, 7510, 9387
SECRETORY COMPONENT: 4239, 7826, 9416
SECRETORY RATE: 292, 2257, 2387, 3109, 3744, 3792, 4121, 4239, 5396, 8150, 10130
SEDATIVES, NONBARBITURATE: 1999
SEEDS: 588, 661, 682, 811, 857–858, 862–863, 2449, 2904, 3100, 4156, 4942, 5086, 5368, 5612, 6305, 6333, 8599, 8723, 9461, 9789
SELECTION (GENETICS): 2032
SELENIUM: 1486, 1815, 2711, 6425, 7116
SELENOMETHIONINE: 2526, 5005, 5007, 5685, 6033, 7093, 8460
SELF ADMINISTRATION: 138, 220, 789, 1967, 2840, 5390, 9605
SELF MEDICATION: 135, 557, 1094, 3315, 8269, 9294
SELLA TURCICA: 7752
SEMEN: 1620, 2829, 3222, 6517, 6809, 8074–8075, 8087, 8099
SEMICARBAZIDES: 5921
SEMINAL VESICLES: 2325, 2649, 3472, 5774, 6270, 6272, 8112, 8622, 9920
SEMINIFEROUS TUBULES: 804–805
SEMLIKI FOREST VIRUS: 4635, 7405
SEMUSTINE: 1473, 2067, 2518
SEPHAROSE: 441, 579, 804, 1118, 1680, 1751, 2448, 2559, 2852–2853, 3116, 3421, 3695, 4836, 5218, 5480, 5680, 6302, 6361, 7077, 7636, 7806, 8052–8053, 8880, 9938, 10066, 10152
SEPTICEMIA: 64, 72, 240, 506, 577, 730, 740, 761, 1125, 1312, 1326, 1594, 1769, 1874, 1909, 2044, 2074, 2356–2357, 2392, 3004, 3055, 3114, 3202, 3400, 3409, 3475, 3511, 3832, 4215, 4553, 4604, 4746, 5212, 5494, 5634, 5792, 5888, 6160, 6445, 6455, 6609, 6790, 6835, 6861, 7024, 7181, 7227, 7371, 7605, 8029, 8132, 8317–8318, 8475, 8477, 8613, 8803, 8830, 9024, 9112, 9202, 9265, 9314, 9325, 10235, 10312, 10391
SERINE: 19, 325, 696–697, 872, 886, 1118, 1959, 1975, 2030, 2786, 3854, 3919, 4056, 4264, 4862, 4942, 4978, 5375, 5759, 6531, 6674, 6898, 7078, 7101, 7670, 7760–7761, 8160, 8236, 8339, 9026, 9649–9650, 10103
SERINE DEHYDRATASE: 8091
SERODIAGNOSIS: 4618, 4852, 6920
SEROSITIS: 1403
SEROTHERAPY: 1125, 5932, 7633, 10212
SEROTONIN: 56, 120, 132, 206, 424, 473, 555, 612, 808, 966, 1006, 1047, 1064–1065, 1084, 1133, 1278, 1333, 1430, 1470, 1592, 1595, 1637, 1796–1798, 1869–1870, 1913, 1915, 1968, 2024–2025, 2182, 2218, 2258, 2311, 2374, 2385, 2408, 2546, 2559, 2566–2567, 2583, 2588, 2606, 2624, 2626, 2641, 2862, 2902, 2951–2952, 2979, 2993, 3061, 3063, 3065, 3068, 3181, 3269–3270, 3357, 3466, 3474, 3527–3528, 3601, 3650, 3685, 3706, 3744, 3750–3752, 3791–3792, 3797, 3802–3803, 3935, 3945–3946, 3948, 3952, 4084, 4089, 4091, 4111, 4250, 4342, 4372–4374, 4408, 4437, 4469, 4509, 4589, 4678, 4729, 4839, 4945, 5035, 5263, 5341, 5344, 5405, 5477, 5480, 5571, 5668, 5710–5711, 5729, 5787, 5817, 5989–5990, 6217, 6280, 6282, 6356, 6377, 6400, 6446, 6450, 6538, 6773–6774, 6822–6823, 6862, 6883, 6950, 7021, 7048, 7139, 7188, 7407, 7418, 7475, 7549, 7551–7552, 7568, 7642, 7657, 7762, 7829–7830, 7864, 7902, 7945, 7961, 8479, 8581, 8591, 8604, 8614, 8629, 8730, 8823, 8989, 9034, 9036–9037, 9083, 9253, 9347, 9406, 9417, 9434, 9457, 9508, 9641, 9760, 9792, 9879, 9947–9949, 10013, 10083, 10139, 10155, 10212
SEROTYPING: 105, 740, 2927, 6497, 8699
SERRATIA: 3883
SERRATIA MARCESCENS: 97–98, 4548, 4757, 5573–5574, 5775
SERUM ALBUMIN: 369, 416–417, 441, 488, 587, 688, 842, 949, 1021, 1027, 1194, 1328, 1550, 1817, 2174, 2330, 2350, 2437, 2491, 2586, 2702, 2716, 2739, 3026, 3107, 3533, 3714, 3720, 3890, 4159, 4179, 4312, 4618, 4716, 4815, 4822, 4837, 4983, 5142, 5147, 5158, 5164, 5207, 5307, 5387, 5399, 5507, 5678, 5727, 5736, 5767, 5778, 5889, 5979, 6171, 6393, 6658, 6762, 6782, 6853, 6858, 6913, 6967, 7138, 7184, 7212, 7796, 7872, 8065, 8565, 8611, 9230, 9295, 9485–9486, 9535, 9842, 9965–9966, 10013, 10093, 10179, 10272
SERUM ALBUMIN, BOVINE: 111, 153–154, 629, 1495, 1512, 1618, 1684, 2200, 2561, 3171, 3309, 3426–3427, 3634, 4374, 4690, 4695, 4735, 4749, 5122, 5218, 5251, 5269, 5387, 5522, 5933, 6000, 6439, 6853, 7066, 7636, 7700, 8249, 8708, 9425, 9960, 9966, 10102, 10135
SERUM ALBUMIN, RADIO-IODINATED: 2614, 2907, 3631, 8829, 9011, 9842
SERUM GLOBULINS: 226, 228, 541, 664, 807, 1213, 1216, 1328, 1526, 1542, 1591, 1649, 2174, 2264, 2472, 2716, 3691, 3885, 4698, 4729, 4807, 4816–4817, 5307, 5507, 5712, 5882, 5992, 6338, 6858, 6913, 7131, 7151, 7849, 8273, 9702, 9714, 9820
SERUM SICKNESS: 426, 2672, 8370
SERYLTRIHYDROXY BENZYLHYDRAZINE: 7407, 10013
SEWAGE: 3620, 7869
SEX BEHAVIOR: 8479, 10072
SEX BEHAVIOR, ANIMAL: 595
SEX CHROMATIN: 1911
SEX CHROMOSOME ABNORMALITIES: 1911
SEX CHROMOSOMES: 703, 1911, 2406, 2622, 3068, 3332, 4247, 4480, 5636, 6434, 7076, 9199, 9660, 10360
SEX DETERMINATION: 8709
SEX DISORDERS: 3226, 8505
SEX FACTORS: 23, 276, 323, 459, 614, 636, 1035, 1051–1054, 1204, 1207–1208, 1246, 1290, 1330, 1686, 1752, 2175, 2190, 2321, 2759, 2864, 2901, 2990, 3068, 3144, 3403, 3538, 3761, 3958, 4130, 4186, 4204, 4330, 4411, 4437, 4537, 4814, 5153–5154, 5243, 5286, 5345–5346, 5592, 5970, 6049, 6296, 6374, 6397, 6452, 6540, 6565, 6737, 6764, 6828, 6847, 6920, 7249, 7322, 7351–7352, 7367, 7403, 7407, 7493, 7882–7883, 8162, 8165, 8225, 8332, 8541, 8704, 8716, 8823, 8913, 8962, 9294, 9374, 9444, 9462, 9548, 9561, 9660, 9754, 9768, 9989, 10234, 10240, 10256
SEX HORMONES: 402, 617, 3287, 3490, 7606
SEX MATURATION: 2092
SEX RATIO: 2599, 5636, 5859, 9660
SHEEP: 3, 142, 292, 900, 947, 1005, 1015–1016, 1210, 1531, 1573, 1810, 1866, 1935, 2117, 2166, 2325, 2512, 2763, 2924, 2972, 3257, 3472, 3683, 3730, 3776, 3854, 3886, 3956, 4040,

4402, 4584, 4759, 4859, 4875–4876, 5078, 5770, 5774, 6161, 6270, 6272, 6328, 7030, 7083, 7092, 7638, 7772, 8044, 8235, 8282–8283, 8502, 8552, 8622, 8688, 8760, 8767, 8905, 9030, 9189, 9487, 9793, 9924, 9979, 10165, 10214–10215
SHEEP DISEASES: 8767, 9979
SHIGELLA DYSENTERIAE: 2135
SHIGELLA FLEXNERI: 4578
SHIGELLA SONNEI: 4578
SHIKIMIC ACID: 2911
SHIVERING: 2703
SHOCK: 23, 84, 456, 488, 607, 723, 901, 1029, 1045, 1359, 1593, 1742, 2168, 2308, 2404, 3382, 3651, 3874, 4384, 4677, 4746, 4897, 5201, 5252, 5312, 5679, 5996, 6597, 6794, 7004, 7371, 7706, 7752, 8103, 8188, 8459, 8718, 9479, 10254
SHOCK, CARDIOGENIC: 628, 1534, 3004, 4455, 7288, 8556, 9427, 10068
SHOCK, HEMORRHAGIC: 192, 1295, 1954, 3107, 3128, 3551–3552, 3740–3741, 3927, 4822, 5059, 5564, 6160, 8273–8274, 8376, 8423, 8582, 9359, 9429
SHOCK, SEPTIC: 590, 705, 902, 1465, 2109, 2821, 2835, 2969, 3508, 3567, 3927, 4499, 4632, 5202, 5309, 5374, 5450, 5954, 5996, 6475–6476, 6835, 7478, 7605, 8090, 8092–8093, 8130, 8318, 8506, 8550, 8966, 9325, 9330, 10391
SHOCK, SURGICAL: 6164, 7150, 9141
SHOCK, TRAUMATIC: 74, 976, 1027, 1161, 2476, 3658, 3741, 6417, 7025, 7867, 8151–8152, 8274, 8459, 8911, 10289
SHOES: 6594, 7160
SHOULDER: 883
SHOULDER DISLOCATION: 9451
SHOULDER JOINT: 554, 2778, 9451
SHRIMP: 1386, 3795, 5308, 8589
SHWARTZMAN PHENOMENON: 263, 480, 754–755, 1125, 2309, 3544, 3701, 3984, 4138, 4482, 4499, 4561, 4776, 4841, 4963, 5620, 5701, 6430, 7633, 7964, 8346, 8638, 8728, 8844, 9132, 9436, 9824, 9826, 10309, 10356
SIALADENITIS: 1543, 5544
SIALIC ACIDS: 965, 1250, 1933, 2153, 2445, 3000–3001, 3336, 3340, 3568, 4750–4751, 5845, 5948, 6063, 6267, 6377, 6646, 6672, 6732, 6827, 6904, 7680, 8121, 8642, 9232, 9253, 9383, 9586, 10181
SIALOGLYCOPROTEINS: 303, 2460, 4423, 9558
SIALYLTRANSFERASE: 4716
SICK ROLE: 4237
SICKLE CELL TRAIT: 1179, 4185, 4335, 4903, 5681, 5721, 6105, 6691
SIGMA FACTOR: 1293
SIGMOID: 2833, 6023, 6310
SIGMOID NEOPLASMS: 895
SIGMOIDOSCOPY: 6291
SILICA: 144, 3781, 7659, 9572
SILICONE ELASTOMERS: 1554–1555, 1750, 1953, 2524, 3482, 4875–4876, 6328, 6736, 7196, 7417, 9127, 9790
SILICONES: 2800, 3781, 4035, 4039, 4876, 5232, 6735, 7191, 7369, 8813, 9111, 9560, 10061, 10222
SILICOSIS: 7232
SILKWORMS: 1578, 6674, 8719–8720, 10115
SILOXANES: 4876, 6736, 10136
SILVER: 2444
SILVER NITRATE: 3258, 3274, 7773
SILVER PROTEINS: 7673
SILYMARIN: 939
SINUS THROMBOSIS: 240, 1166, 3080, 7797
SINUSITIS: 567, 2529, 3876, 4515, 4895, 5097, 5407, 5846, 7354, 8170
SJOGREN'S SYNDROME: 426, 1844, 6615, 7897, 8680
SKIN: 38, 107, 237, 260, 301, 358, 411, 423, 459, 645, 687, 695, 731, 754–755, 831, 891, 912–913, 1109, 1144, 1344, 1441, 1447, 1496, 1498, 1527, 1563, 1661–1662, 1922, 2091, 2181, 2193, 2312–2313, 2622, 2754, 2807, 3014, 3123, 3129, 3222, 3366, 3411, 3588, 3633, 3660, 3687–3688, 3701, 3748, 3976–3977, 4018, 4054, 4129, 4131, 4145, 4162, 4294, 4323, 4332, 4527, 4560, 4866, 5167, 5335, 5388, 5439, 5589, 6014, 6152, 6389, 6433, 6454, 6539, 6594, 6682, 6787–6788, 6845, 6847, 6901, 6974, 6987, 7202, 7206, 7210–7211, 7272, 7411, 7470, 7560, 7648, 7674, 7801, 7815, 7866, 8101, 8163, 8173, 8187, 8211, 8433, 8462, 8551, 8609, 8625, 8680, 8729, 8747–8748, 8803, 8820, 8866, 8904, 9054, 9057, 9064, 9111, 9127, 9165, 9265, 9316, 9409, 9443, 9697, 9742, 9744, 9921, 10128, 10377
SKIN ABSORPTION: 7272, 10243
SKIN APPENDAGE DISEASES: 504
SKIN DISEASES: 133, 169, 358, 400, 459, 466, 695, 788, 891, 913, 1025, 1483, 1541, 1616, 1692, 1720, 2675, 2901, 3349, 3855, 4018, 4054, 4131, 4233, 4421, 4621, 5419, 6389, 6611, 6847, 6901, 7503, 7542, 7594, 8163, 8729, 8853, 8904, 9129, 9409, 9475, 9575, 9810, 10216
SKIN DISEASES, BULLOUS: 3588, 8173
SKIN DISEASES, INFECTIOUS: 4621, 5105, 5419, 9054–9055
SKIN MANIFESTATIONS: 1350, 1832, 2360, 5538, 7753, 7815, 7869, 8163, 8223, 8488, 8680
SKIN NEOPLASMS: 163, 330, 659, 687, 694, 746, 895, 968, 1025, 1629, 1661, 1696, 1793, 1922, 2064, 2244, 2675, 3219, 3289, 3321, 3441–3442, 3633, 3819, 3836, 4054, 4232–4233, 4428–4430, 4506, 4621, 5275, 5300, 5302, 5307, 5332, 5419, 5920, 6007, 6018, 6062, 6151–6152, 6310, 6504, 6604, 6790, 6876, 6905, 7216, 7259–7261, 7352, 7503, 7682, 8146, 8462, 8967, 9075, 9316, 9450, 9574, 9620, 9678, 9970, 10010, 10036, 10213
SKIN PIGMENTATION: 4429
SKIN TEMPERATURE: 752, 1050, 3615, 8963
SKIN TESTS: 936, 1636, 2091, 2230, 2309, 2322, 2436, 2672, 3691, 4306, 4670, 5668, 5674, 6155, 7136, 7290, 7992, 8199, 8828, 9048, 9990, 10232, 10386
SKIN ULCER: 15, 169, 418, 3459, 5703, 9921
SKULL: 1785, 2102, 2970, 3460, 4200, 4523, 4630, 6550, 8234
SKULL FRACTURES: 605, 756, 1138, 1718, 2269, 3325, 4321
SKULL NEOPLASMS: 2648, 4177, 5314, 5538, 5828, 8234, 8874, 8998, 9507, 9670
SLEEP: 9396
SLEEP DISORDERS: 8008
SLOW-REACTING SUBSTANCES: 2546, 4270, 8904, 9533
SMALLPOX VIRUS: 5880
SMOKING: 323, 468–469, 604, 1195, 1650, 1683, 1736, 1890, 2446, 3287, 3408, 3713, 3723, 3979, 4257, 4275, 4336, 4848, 4920, 5352, 5399, 5885, 5928, 5943, 6048, 6051, 6534, 6681, 7299, 7388, 7493, 7555, 9754, 9768, 9809, 10330
SNAILS: 2146, 9052–9053, 9342
SNAKE BITES: 809, 1029, 3241, 7371, 9059, 9810
SNAKE VENOMS: 319, 447, 486, 624, 1461, 1512, 2040, 2070, 2877, 2879, 2883, 2889, 2891–2892, 2910, 2961, 3022, 3146, 3791, 4211–4212, 4334, 4412–4414, 4486–4488, 4750, 4923, 5469, 5775, 5845, 5895–5897, 6057, 6231, 6611, 6642, 6645, 6650, 6689, 6924–6926, 7371, 7373, 7816, 8523, 8827, 8883–8885, 8969, 9059, 9585, 9810, 10184–10185
SNAKES: 1461, 2070, 3138, 3571, 5896, 6596, 9059, 9336, 9924
SOAPS: 6594
SOCIAL ADJUSTMENT: 8785
SOCIAL BEHAVIOR: 4846
SOCIAL CLASS: 1707, 5834
SOCIAL ENVIRONMENT: 7523
SOCIAL PERCEPTION: 8783
SOCIETIES, MEDICAL: 8586
SOCIOECONOMIC FACTORS: 614, 1303, 1683, 1707, 2415, 3807, 4326, 4668, 5834, 6776
SODIUM: 39, 318, 361, 643, 1108, 1285, 1422, 1511, 1517, 1595, 1818, 1847, 2254, 2268, 2378, 2420, 2432, 2583, 3312, 3496, 3580, 3703, 3874, 4302, 4355, 4366, 4595, 4869, 5165, 5267, 5280, 5299, 5404, 5553, 5695, 5853, 6257, 6567, 6626, 6767, 7053, 7422, 7452, 8257, 8600, 8983, 9147, 9150, 9181, 9438, 9442, 9465, 9576, 9611–9612, 9927, 10007, 10224, 10350
SODIUM CHLORIDE: 19, 75, 428, 766, 828, 934, 984, 1066, 1100, 1174, 1218, 1305, 1422, 1746–1747, 1767, 2160, 2340, 2372, 2388, 2481, 2701, 3145, 3259, 3330, 3619, 3742, 3838, 3864, 3940, 4105, 4404, 4637, 4678, 4802, 5026, 5126, 5625, 5683, 6000, 6107, 6123, 6257, 6289, 6875, 6995, 7265, 7607, 7998, 8302, 8529, 8659, 8679, 8931, 8948, 9154, 9836
SODIUM DODECYL SULFATE: 39, 1000, 1311, 1657, 2089, 2418, 2564, 3368, 3519, 3590, 3594, 3600, 4337, 4394, 5732, 6079, 6509, 6893, 8428, 8675, 8898, 8952, 8959, 9117, 9556, 9621
SODIUM ETIDRONATE: 9726
SODIUM FLUORIDE: 3568, 5599, 7350, 7422
SODIUM HYDROXIDE: 41, 158, 4173, 9353
SODIUM HYPOCHLORITE: 4735
SODIUM SALICYLATE: 6340, 8366, 9909, 10042
SODIUM TETRADECYL SULFATES: 3197
SOFT TISSUE NEOPLASMS: 1428, 2647, 3289, 4810, 5366, 5376, 5516, 7352
SOIL MICROBIOLOGY: 6999
SOLUBILITY: 564, 805, 922, 999, 1026, 1185, 1216, 1293, 1413, 1532, 1561, 1803, 1880, 1995, 2254, 2297, 2314, 2337, 2411, 2485, 2500, 2517, 2596, 2610, 2644, 2883, 2896, 3248, 3366, 3450, 3515, 3681, 3885, 4338, 4467, 4527–4528, 4556, 4651, 4708, 4836, 4849, 5256, 5319, 5322, 5420, 5615, 5716, 5768–5769, 5992, 6010, 6078, 6128, 6372, 6457, 6643, 6669, 6846, 7163, 7220, 7449, 7821, 8111, 8270, 8402, 8447, 8481, 8571, 8626, 8640, 8791, 8891–8892, 9100, 9174–9175, 9186, 9283, 9318, 9351, 9789, 9836, 10016, 10126–10127, 10166, 10208, 10259
SOLUTIONS: 202, 321, 747, 1742, 1746–1747, 3107, 3454, 3474, 3821, 4102, 4173, 4830, 6107, 6214, 7368, 8308, 8555, 9643, 9817
SOLVENTS: 439, 805, 1078, 1737, 2239, 2651, 4787, 5663, 5793, 5898, 8483, 8587, 8640, 9517, 9914, 10063, 10209
SOMATOTROPIN: 40, 348–349, 797, 2215, 3282, 3347, 3507, 3829, 3833, 4070, 4928, 5423–5424, 5640, 6982, 6988, 7218, 7407, 8037–8038, 9540, 10013, 10125, 10209

SOMATOTROPIN RELEASE INHIBITING HORMONE : 348–349, 718, 2198, 3199, 3402, 3404, 5198, 5640, 5901, 7218, 7486, 8755
SOMATOTYPES: 7493
SONICATION: 1212, 2792, 3785, 3825, 5122, 6799, 7924, 8136, 8720, 9821
SORBITOL: 2282, 3444, 8069
SOUND: 7851
SOY BEANS: 438, 862, 949, 999, 2704, 3310, 3448, 4085, 4999, 5055, 5452, 5747, 6333, 6760, 7473, 7782, 7791, 9461, 9544, 9981, 10063, 10147
SPACE FLIGHT: 3010
SPASM: 405, 1367, 7762
SPECIALISM: 2102
SPECIES SPECIFICITY: 29, 77, 105, 193, 437, 546, 558, 588, 657, 683, 713, 718, 845, 858, 860, 903, 952, 975, 1007, 1016, 1148, 1160, 1186, 1198, 1210, 1286, 1317, 1356, 1408, 1531, 1545, 1619, 1654, 1656, 1663, 1698, 1721, 1767, 1857, 1866, 1917, 1936, 1939, 1941, 2030, 2033, 2095, 2166, 2179, 2209, 2219, 2267, 2272, 2304, 2367, 2414, 2441, 2502, 2515, 2763, 2829, 2849, 2894, 2898, 2988, 3003, 3148, 3205, 3350, 3374, 3480, 3585, 3669, 3683, 3699, 3776, 3887, 3923, 3944, 4171, 4211–4212, 4261, 4264, 4288, 4353, 4412, 4414, 4432, 4542, 4636, 4673, 4757, 4759, 4814, 4823, 4849, 4884, 5079, 5086, 5246, 5251, 5326, 5416–5417, 5467, 5541, 5591, 5626, 5648, 5724, 5870, 5880, 5970, 5976, 6078, 6161, 6218, 6355, 6402, 6427, 6510, 6515, 6518, 6554, 6636, 6674, 6720, 6787, 6796, 6806, 6941, 6988, 7009, 7014, 7180, 7223, 7269, 7289, 7304, 7352, 7364, 7370, 7410, 7592, 7632, 7723, 7899, 7901, 7936, 7977, 8113, 8119, 8138, 8203–8204, 8218, 8220, 8259, 8285, 8322, 8338, 8453–8454, 8457, 8480, 8638, 8687, 8723, 8796, 8823, 8827, 8860, 8865, 8908, 8940, 8944, 9050, 9150, 9160, 9313, 9342, 9414, 9448, 9461, 9674, 9689, 9701, 9708, 9744, 9769–9770, 9808, 9840, 9851, 9884, 9900, 9912, 9926, 9948, 9987, 10107, 10154, 10215, 10265, 10293, 10340
SPECIFIC GRAVITY: 2605, 4526, 6582
SPECIMEN HANDLING: 204, 1380, 1886, 3109, 3499, 3571, 6911, 6918
SPECTRIN: 205
SPECTROMETRY, FLUORESCENCE: 32, 101, 153–154, 937, 1108, 1344, 1486, 1495, 1550, 1705, 1864, 2121, 2246, 2290, 2393–2394, 2461, 2483, 2543, 2560, 2842, 2877, 3616, 3663, 3986, 4531, 4638–4639, 4653, 4801, 5197, 5306, 5359, 5371, 5615, 5842, 6078, 6369, 6569–6570, 6865, 6893, 7370, 7432, 7452, 8271, 8323, 8379, 8531, 9116, 9186, 9522, 10266, 10280
SPECTROPHOTOMETRY: 281, 390, 861, 1171, 1199, 1286, 1635, 1939, 2293, 2596, 2967, 3075, 3123, 3206, 3480, 3711, 3919, 3944, 4062, 4342, 4359, 4638, 5603, 6137, 7105, 7272, 7457, 8389, 8555, 8673, 9422, 9645, 10060, 10108, 10153, 10246, 10348–10349
SPECTROPHOTOMETRY, ATOMIC ABSORPTION: 841, 1828, 4370, 9418
SPECTROPHOTOMETRY, INFRARED: 264, 841, 1377, 1452, 6013, 8895
SPECTROPHOTOMETRY, ULTRAVIOLET: 264, 399, 1042, 1194, 1286, 1377, 1663, 2144, 2393, 2556, 2686, 2877, 3075, 3374, 3480, 3614, 3919, 3944, 4122, 4359, 4638, 4768, 4830, 5268, 5424, 5603, 5615, 6137, 6237, 7304, 7432, 7614, 8102, 8552, 8580, 9161, 9633, 9816, 10106, 10108, 10154, 10156, 10229
SPECTRUM ANALYSIS: 912, 1704, 1815, 2842, 3026, 3315, 4774, 6509, 6921, 8164, 8323, 8436, 9627
SPECTRUM ANALYSIS, MASS: 1157, 1452, 2685, 3891, 6143, 6542, 6781, 10106–10107
SPECTRUM ANALYSIS, RAMAN: 2842
SPERM CAPACITATION: 3522, 6063, 10039–10040, 10040
SPERM HEAD: 1186, 2929, 6518, 7543, 7960, 10276
SPERM MATURATION: 8503
SPERM MOTILITY: 5630, 6225, 8100
SPERM-OVUM INTERACTIONS: 3522, 4370, 9449, 10039–10040
SPERM TAIL: 1186, 1310
SPERMATIC CORD TORSION: 4847
SPERMATIDS: 975
SPERMATOGENESIS: 937, 974–975, 5331, 8100, 8503, 9983
SPERMATOGONIA: 519
SPERMATOZOA: 142, 193, 519, 975, 1015, 1186, 1310, 1424, 2145, 2829, 2929, 2972–2973, 3361, 3522, 4734, 5331, 5558, 6063, 6360, 6518, 6789, 6837, 7140, 7282–7284, 7543, 7960, 8086, 8088, 8099–8100, 8112–8113, 8119, 8275, 8503, 8864, 9255–9256, 9286–9287, 9449, 10198, 10276
SPERMIDINE: 1756, 2254, 4114–4116, 5067, 5753
SPERMINE: 1756, 4114–4115, 5067, 5753, 5976, 7267
SPHAERIALES: 2414, 8908
SPHENOID SINUS: 4895
SPHEROCYTES: 786
SPHEROCYTOSIS, HEREDITARY: 534, 786, 989, 1479, 2392, 8185
SPHEROPLASTS: 3925, 6327
SPHINGOLIPIDS: 9815
SPHINGOMYELIN PHOSPHODIESTERASE: 1512
SPHINGOMYELINS: 2473, 5556, 9482, 10098
SPHINGOSINE: 5370
SPINA BIFIDA: 4873, 5057, 7751
SPINAL CANAL: 4506
SPINAL CORD: 1176, 2450, 3975, 4229, 4506, 4631, 4989, 5902, 6580, 6860, 7042, 7403, 9397, 9979, 10203, 10300
SPINAL CORD COMPRESSION: 1835, 3160, 3975, 4916, 6032, 6537, 6954
SPINAL CORD DISEASES: 4916, 6580, 9397, 10300
SPINAL CORD INJURIES: 1091–1092, 1176, 1434, 3536, 3540, 6576, 7152, 7403, 10300
SPINAL CORD NEOPLASMS: 2015, 3090, 3988, 5457, 6860, 7152, 10203
SPINAL DISEASES: 1741, 2723, 5676, 9780
SPINAL FUSION: 3775
SPINAL INJURIES: 4015, 10341
SPINAL NEOPLASMS: 3160, 3775, 4916, 4989, 5604, 6914, 6954, 10312
SPINAL NERVE ROOTS: 4989
SPINAL OSTEOPHYTOSIS: 4015
SPINAL PUNCTURE: 1859, 5118, 7338, 7885
SPINE: 3775, 7034
SPIRO COMPOUNDS: 101
SPIROCHETE INFECTIONS: 6445
SPIROMETRY: 146, 6621
SPIRONOLACTONE: 1691, 4336, 5886, 8018, 8296, 9864
SPLANCHNIC NERVES: 1593, 7811
SPLEEN: 208, 331, 383, 534, 688, 1109, 1199, 1252, 1291, 1329, 1621, 1955, 2462, 2614, 2763, 2810, 2980, 3157, 3566, 3653–3655, 3761, 3828, 3873, 3927, 3965, 3983, 4162, 4194, 4235, 4363, 4439, 4531, 4721, 4855, 5006, 5042, 5045, 5169, 5186, 5504, 5551–5552, 5556, 5591, 5902, 6316, 6399, 6468, 6475, 6526, 6571, 6649, 6935, 6945, 6996, 7127, 7140, 7238, 7374, 7400, 7470, 8024, 8036, 8058, 8286–8287, 8595, 8622, 8644, 8701, 8780, 8910, 9229, 9240, 9262, 9549, 9647, 9684, 9730, 9749, 9863, 9892, 9904, 10080, 10185
SPLENECTOMY: 83, 162, 190, 278, 742, 989, 1260, 1291, 1339, 1479, 1526, 1607, 2010, 2059, 2150, 2392, 2774, 3124, 3144, 3451, 3475, 3729, 3939, 4022, 4051, 4235, 4360, 4422, 4457, 4553, 4666, 5006, 5084, 5092, 5100, 5130, 5185, 5435, 5438, 5614, 5634, 5662, 5839, 5931, 5973, 6050, 6316, 6397, 6453, 6456, 6466, 6583, 6805, 6899, 6945, 7023, 7037, 7097, 7133, 7155, 7627, 7630, 8120, 8708, 9229, 9549, 9580, 9863, 10027, 10297
SPLENIC ARTERY: 208, 3766–3768, 3957, 6692, 6996, 7293, 9204, 10026–10027
SPLENIC DISEASES: 1621, 2150, 3055, 4997, 5931, 6527, 7293, 8298, 8595, 9017, 9259
SPLENIC INFARCTION: 10369
SPLENIC NEOPLASMS: 796, 3204, 7238, 7352, 8266, 8278, 8775
SPLENIC RUPTURE: 2918, 4457, 5673, 7165, 7479, 8298, 8657, 9892
SPLENIC VEIN: 3384, 3766, 4079, 4187, 5073, 5254, 6527, 6692, 7293, 9259, 9515, 9617
SPLENOMEGALY: 1217, 1291, 1541, 1607, 1832, 3679, 3702, 5100, 5389, 5931, 6599, 7354, 7367, 8278, 8872, 9199, 9620
SPLENOPORTOGRAPHY: 706, 3502, 5073, 5556, 9259
SPLINTS: 1701, 2524, 5171, 7999
SPONDYLITIS, ANKYLOSING: 1180, 2584, 2639, 6920, 7112
SPONDYLOLISTHESIS: 9928
SPONDYLOLYSIS: 9928
SPORES: 3019, 6497
SPORES, BACTERIAL: 1030, 1298, 1480, 1499, 1551, 1761, 2187, 3840, 5541, 5766, 6179, 6522, 6900, 8333, 8538, 9328, 9488, 9650
SPORES, FUNGAL: 290, 6707–6708, 6971
SPORT MEDICINE: 6155, 9120, 9970
SPORTS: 51, 8269
SPRAINS AND STRAINS: 5172, 10299
SPRUE: 488, 832, 2164, 2599, 3209, 3331
SPUTUM: 3345, 4914, 5147, 5947, 6807, 6992, 7404, 9383
SQ 20881: 2326, 6778
SQUALENE: 4849
SQUID: 9143
SQUIRREL MONKEYS: 3942
SRS-A: 378, 4263, 7864
STAINLESS STEEL: 1433, 7675
STAINS AND STAINING: 511, 1147, 1920, 1930, 2142, 2461, 2574, 2851, 3258, 3265, 3524, 3553, 4027, 4954, 4998, 5337, 6126, 6138, 6443, 7170, 8061, 8294, 8325, 8484, 8579, 8762, 8948, 9099, 9431, 9667, 9837
STANOLONE: 1299, 2374, 5500, 6087, 9987
STANOZOLOL: 3323, 4011, 4292
STAPES: 9185

STAPES SURGERY: 1462, 2040, 9185
STAPHYLOCOCCAL FOOD POISONING: 2134
STAPHYLOCOCCAL INFECTIONS: 240, 289, 506, 577, 608, 918, 1566, 1842, 2080, 2084, 2469, 3525, 4215, 4863, 5559, 5625, 5797, 5888, 5955, 5986, 6307, 6455, 6595, 7587, 7969, 8550, 8899, 9054–9055, 9121, 10235, 10312
STAPHYLOCOCCAL PHAGES: 1270, 2927
STAPHYLOCOCCAL TOXOID: 9055
STAPHYLOCOCCUS: 105, 196, 442, 952, 1567, 1832, 1923, 2048, 2111–2112, 2129, 2134, 2719, 3525, 3669, 5091, 5751, 6021, 6594, 6779, 6927, 7158, 7728, 8109, 8318, 8699, 8701, 8899, 9121–9122, 9346, 9405, 9848, 9929, 10180
STAPHYLOCOCCUS AUREUS: 105, 196, 289, 334, 376, 442, 516, 608, 657, 765, 799, 886, 918, 952, 1270, 1380, 1512, 1566, 1657, 1857, 1903–1904, 1971, 2044, 2080, 2113, 2117, 2166, 2247, 2457–2458, 2495, 2927, 4005, 4587, 4610, 4658, 5009, 5091, 5296, 5301, 5751, 5947, 5986, 6021, 6090, 6169, 6606, 6616, 6763, 7647, 7892, 8107, 8456–8457, 8552, 8699, 8840, 9054–9055, 9120–9121, 9210, 9945, 10170
STARCH: 141, 4272, 4908, 5490, 7057, 7224, 7326
STARFISH: 1318, 3970, 4311
STARVATION: 40, 3150, 5528, 8527, 9380, 9622
STATISTICS: 316, 944, 1206, 1687, 1830, 2288, 3395, 3464, 3587, 3643, 5728, 6471, 9081
STATUS DYSRAPHICUS: 6204
STEARATES: 4716
STEARIC ACIDS: 3933, 4333, 4716
STEEL: 5792
STELLATE GANGLION: 7707
STEREOISOMERS: 19, 1194, 1247, 2555–2556, 4392, 4754, 4835, 5437, 6814, 7269–7271, 7382, 8107, 8142, 8606–8607, 9300, 10095
STERIGMATOCYSTIN: 1618
STERILITY, FEMALE: 1685, 4741
STERILITY, MALE: 3985, 5630, 6225, 7960, 8086, 8100, 9287, 9905
STERILIZATION: 1078, 5925, 8717
STERILIZATION REVERSAL: 5443
STERILIZATION, SEXUAL: 10218
STERILIZATION, TUBAL: 571, 4516, 5443, 7241
STERNUM: 2442
STEROID HYDROXYLASES: 1331
STEROIDS: 241, 1290, 2386, 3120, 4204, 4340, 5374, 5970, 6056, 7067, 7240, 7554, 7634, 9167, 9486
STEROLS: 1759, 6089, 7519, 8919, 10109
STILBENES: 3782, 4709, 7031
STIMULATION, CHEMICAL: 115, 258, 292, 295, 372, 436, 485, 646, 1071, 1119, 1799, 1886, 2043, 2049, 2387, 2533–2534, 2817, 3398, 3773, 3862, 4763, 4904, 5198, 5204, 5471, 5506, 5710, 5737, 5884, 6247, 6330, 7035, 7268, 7692, 7752, 8878, 9648, 9786, 10117, 10214
STOMACH: 77, 1278, 2020, 2164, 2204, 2602, 3199, 3300, 3331, 3502, 3065, 5699, 7107, 8366, 8909, 9259, 9616, 9618, 10147
STOMACH DISEASES: 3271, 3476, 9144, 9259
STOMACH NEOPLASMS: 56, 371, 1910, 2020, 3819, 4329, 5357, 6007, 6501, 7253, 7329, 7834, 7921, 8324, 8706, 9427, 9617
STOMACH ULCER: 186, 2536, 3028, 3301, 3476, 3558, 4906, 6562, 6661, 6692, 7393, 7715, 9472
STOMATITIS: 1261, 5674, 6665, 7570, 7709, 9871
STOMATITIS, APHTHOUS: 5058, 5064
STOMATITIS, DENTURE: 1261
STRABISMUS: 4234
STREPTOCOCCAL INFECTIONS: 134, 289, 407, 608, 745, 1621, 1832, 2864, 3907, 5656, 5934, 7969, 8455, 8830, 8860, 9360, 9822, 9903
STREPTOCOCCUS: 810, 1609, 1832, 2426, 3882, 4103, 4207, 4420, 4831, 4853, 5393, 6149, 7969, 8138, 8830, 8860, 8944, 9525, 9648
STREPTOCOCCUS FAECALIS: 22, 1380, 1832, 10123
STREPTOCOCCUS LACTIS: 2352
STREPTOCOCCUS MUTANS: 2426, 8860, 8944
STREPTOCOCCUS PNEUMONIAE: 581, 1832, 4089, 5563, 5947, 7745, 9848
STREPTOCOCCUS PYOGENES: 612, 1608–1610, 3322, 4852, 5647, 5934, 7224, 7632, 8288
STREPTOCOCCUS SANGUIS: 2426, 7250, 8860, 8944, 9202
STREPTODORNASE AND STREPTOKINASE: 4504, 7333, 8216
STREPTOKINASE: 13, 146, 172, 183, 308, 397, 445, 457, 664, 671, 692, 810, 825, 1003, 1115, 1449–1450, 1454, 1560, 1702, 1708, 1891, 2095, 2125, 2211, 2274, 2285, 2316, 2327, 2330, 2405, 2633, 2716, 2760, 2827, 2864, 2917, 2931, 2935, 2937, 2947, 3168, 3187, 3203, 3512–3513, 3658, 3757, 3882, 3885, 4103, 4113, 4273, 4306, 4535, 4746, 4798, 4852–4853, 4991, 5011, 5156, 5176, 5181, 5183, 5220, 5248, 5349, 5625, 5743, 5877, 5903, 5906–5907, 5939–5943, 5956, 6026, 6040, 6164–6165, 6339, 6341, 6419, 6616, 6635, 7013, 7125, 7288, 7335, 7359, 7377, 7517–7518, 7540–7541, 7663, 7750, 7870, 7979, 7992, 8126, 8188, 8253, 8328, 8369, 8673, 8832, 8940, 8966, 8978, 9048, 9219, 9590, 9602, 9637, 9646, 9661, 9820, 9862, 9944, 9961, 10020, 10033, 10111, 10138, 10279, 10328, 10338, 10363
STREPTOLYSIN: 4103, 4831
STREPTOMYCES: 800, 2786, 2854, 4154, 4556, 6931, 8076, 8941, 9414, 9716–9717, 10035
STREPTOMYCES GRISEUS: 388, 4264, 4432, 4528, 5651, 6531, 9232, 9488, 10154
STREPTOMYCIN: 3430, 7969
STREPTOZOTOCIN: 2424, 2894, 3634, 9362
STRESS: 76, 230, 289, 584, 1168, 1713, 2082, 2471, 3038, 4231, 4846, 5049, 5373, 6579, 7154, 7793, 9151, 9373
STRESS, MECHANICAL: 1343, 1640, 2958, 3179, 3770, 3911, 4788, 5391, 6568, 9547
STRESS, PSYCHOLOGICAL: 597, 4237, 5446, 6579, 6967, 8647–8648, 8828, 10326
STRONTIUM: 3703, 6570, 9918
STRONTIUM RADIOISOTOPES: 3890, 6905
STROPHANTHINS: 1540, 2315, 2327, 5364, 9967
STRUCTURE-ACTIVITY RELATIONSHIP: 19, 33, 54, 98, 100, 202, 294, 302, 356, 364, 376, 450, 508, 599, 622–623, 643, 667, 716, 940–941, 949, 957, 1373, 1426, 1477, 1510, 1528, 1647, 1767, 1812, 1928, 1941, 1943, 1975, 2072, 2121, 2214, 2228, 2248, 2449, 2556, 2627, 2828, 2830, 3024, 3043, 3071, 3162, 3205, 3222, 3252, 3365, 3394, 3429, 3440, 3494, 3545, 3597, 3711, 3727, 3815, 3877, 3879, 3944, 3976–3977, 4005, 4028, 4066, 4125, 4141, 4156, 4160, 4168, 4198, 4221, 4246, 4265, 4358, 4392–4393, 4435, 4494, 4528, 4539, 4639, 4754, 4788, 4835, 4859, 4877, 4926, 4941, 4978, 5015, 5021, 5088, 5187, 5208, 5267, 5420, 5423, 5425, 5437, 5501, 5526, 5551–5552, 5600, 5626, 5723, 5793, 5870, 5892, 5897, 5901, 5960, 5976, 6081, 6101, 6333, 6349, 6490, 6512–6513, 6531, 6538, 6554, 6570, 6601, 6710, 6735–6736, 6757, 6791, 6814, 6816, 6887, 6946, 7067, 7128, 7269, 7332, 7358, 7547, 7593, 7616, 7626, 7703, 7761, 7777, 7888, 7892, 7943, 8004, 8032, 8068, 8195, 8199, 8227, 8235–8236, 8238, 8315, 8321, 8333, 8389, 8429, 8447, 8529, 8642, 8745, 8824, 8839, 8873, 8885, 8903, 8921, 9052, 9181, 9222, 9282, 9291, 9301, 9306, 9347, 9361, 9383, 9403–9404, 9463, 9522, 9560, 9575, 9759, 9781–9782, 9823, 9929, 9959, 9983–9984, 10033, 10055, 10076, 10115, 10120–10122, 10125, 10153–10154, 10165, 10265, 10379
STRYCHNINE: 5112
STURGE-WEBER SYNDROME: 1793, 3305, 4293, 6018, 7704, 7994, 9678
STYRENES: 739, 7011, 9667
SUBARACHNOID HEMORRHAGE: 1639, 2343, 3353, 3709, 3867, 3952, 4133, 4582, 4683, 4826, 4899, 4921, 5458, 5537, 7139, 7172, 7704, 7885, 8550, 9377, 9819, 9865, 10349
SUBCELLULAR FRACTIONS: 509, 720, 957, 1544, 1767, 1797, 1941, 2267, 2589, 2951, 3016, 3100, 3162, 3529, 3547, 3572, 3838, 4176, 4436, 4467, 4943, 5179, 5271, 5279, 5427, 5600, 5700, 5779, 6081, 6672, 6686, 6812, 6844, 7164, 7198, 7550–7551, 7769, 7975, 8138, 8259, 8606, 8823, 8926, 8943, 9134, 9351, 9488, 9627, 10011
SUBCLAVIAN ARTERY: 487, 554, 575, 3997, 5231, 6093, 6607, 7174, 7353, 8683, 8923, 9827
SUBCLAVIAN STEAL SYNDROME: 7174, 7353
SUBCLAVIAN VEIN: 554, 1040, 1516, 1772, 1838, 3154, 3275, 3678, 3990, 4991, 5188, 5745, 6093, 6109, 6422, 8432, 8475, 8843, 9129, 9162, 9280, 9454, 10028
SUBDURAL EFFUSION: 3460
SUBMANDIBULAR GLAND: 115, 569, 1475, 2628, 2830, 3603, 3854, 3924, 4115, 5396, 6138, 6244, 6897, 7330, 8035, 8068, 9709, 9955, 9987
SUBPHRENIC ABSCESS: 971, 8356, 9858–9859
SUBSTANCE P: 5901, 8509
SUBSTANTIA NIGRA: 884
SUBTILISINS: 388, 622, 2410, 2852–2854, 3637, 4112, 4137, 4917, 4978, 5523, 6320, 7077, 7304, 7742, 7794, 8800, 8920
SUBTRACTION TECHNIC: 5929
SUCCINATE DEHYDROGENASE: 1187, 2617, 4201, 5106, 6449, 6533
SUCCINATES: 6253, 6490, 8607
SUCCINIMIDES: 3944, 8390
SUCCINYLCHOLINE: 606, 1167, 2906, 6086
SUCRASE: 77, 1068, 1818, 3680, 3925, 5235, 5271–5272, 6324, 7430, 8277, 8787, 9049
SUCROSE: 307, 762, 2342, 3259, 3662, 4998, 6089, 6107, 6123, 7647, 7830, 9333
SUCTION: 645, 1876, 3930, 4118, 4253, 5827, 6263, 6573, 7393, 7479, 8731, 10051
SUGAR ACIDS: 2111, 2330
SUGAR ALCOHOLS: 9659
SUICIDE: 1246, 3540, 9937
SUICIDE, ATTEMPTED: 1248, 2114
SULBENICILLIN: 6825

SULFADIAZINE: 6900, 7733
SULFADIMETHOXINE: 606
SULFAETHIDOLE: 4425
SULFAMETHOXAZOLE: 2819, 9230
SULFANILAMIDES: 3879, 4096, 6103, 7234, 9226
SULFANILIC ACID: 5355, 7195
SULFAPHENAZOLE: 9535
SULFATASES: 6706
SULFATES: 246, 285, 1928, 2243, 2388, 2413, 4173, 4222, 4759, 5355, 6274, 6577, 7102, 7113, 7626, 8005, 8200
SULFATHIAZOLES: 4425
SULFHYDRYL COMPOUNDS: 1542, 2224, 2389, 2854, 3026, 3515, 3641, 4156, 5106, 5256, 5616, 6224, 6402, 6514, 6844, 6863, 7476, 8000, 8418, 8959, 9530, 9621, 9708, 10009
SULFHYDRYL REAGENTS: 1299, 1753, 2517, 2861, 2959, 3026, 5710, 6052, 6128, 6402, 7163, 8032, 8436, 9119, 10156
SULFIDES: 6053
SULFINPYRAZONE: 132, 190, 1338, 1780, 1906, 1988, 2329, 2513, 2931, 3945–3946, 4344, 4851, 5133, 6008, 7715, 7835, 8769–8770, 9601–9602, 9907
SULFISOXAZOLE: 1634, 10272
SULFITES: 1511, 3480, 4176, 4359, 4474, 5181, 6053, 6900
SULFOBROMOPHTHALEIN: 1087, 2681, 2796, 7770, 8043, 9311
SULFONAMIDES: 741, 1865, 3309, 3611, 4872, 5523, 6394, 9282, 10272
SULFONES: 698, 1751, 3654, 5758
SULFONIC ACIDS: 5355, 5525, 10055
SULFONIUM COMPOUNDS: 9491
SULFONYLUREA COMPOUNDS: 557, 3611
SULFUR: 2330, 2469, 2775, 4718, 5221, 5686
SULFUR DIOXIDE: 9406
SULFUR ISOTOPES: 6265
SULFUR RADIOISOTOPES: 1586, 5683, 5685, 9792
SULFURIC ACID ESTERS: 3123, 9350
SULFURIC ACIDS: 815, 3123, 6490, 8443
SULFURTRANSFERASES: 5472
SULTHIAME: 7606
SUNLIGHT: 4621, 6155, 6890
SUPEROXIDE: 3206, 3601
SUPEROXIDE DISMUTASE: 3206, 3231, 3378, 3601, 5872, 7609
SUPPURATION: 119, 3412, 4204, 4676, 5792, 6779, 7227, 8425, 8877–8878
SUPRAOPTIC NUCLEUS: 3010
SURAMIN: 6341
SURFACE-ACTIVE AGENTS: 39, 194, 805, 7841
SURFACE PROPERTIES: 463, 601, 972, 1120, 1755, 1759, 1931, 1991, 3224, 3381, 3781, 3790, 5138, 5215, 5966, 6013, 6254, 6735, 6857, 7015, 7747, 8026, 8691, 8895, 10089, 10177
SURFACE TENSION: 1512, 6735, 9371
SURGERY, MINOR: 6478
SURGERY, OPERATIVE: 124, 254, 305, 673, 838, 1201, 1232, 1700, 1713, 1778, 1871, 1960, 2071, 2216, 2226, 2345, 2476, 2674, 2742, 2748, 3011, 3230, 3406, 3458, 3577, 3786, 4041, 4204, 4407, 4790, 4817, 4990, 5142, 5288, 5493, 5559, 5681, 5994, 6316, 6410, 6661, 6691, 7150–7151, 7160, 7192, 7326, 7340, 7366, 7833, 7947, 8067, 8246, 8423, 8556, 9144–9145, 9173, 9898, 10157, 10205
SURGERY, ORAL: 2905, 3343, 4320, 8175, 9007
SURGERY, PLASTIC: 459, 830, 1662, 2064, 2453, 3218, 5232, 5335, 5865, 6152, 6380, 6959, 8747, 8853, 9127, 9894, 10201
SURGICAL INSTRUMENTS: 2291
SURGICAL WOUND DEHISCENCE: 572, 4553, 5915, 6241, 7196, 8177, 10219
SURGICAL WOUND INFECTION: 218, 453, 459, 764, 1313, 1417, 1447, 1902, 2061, 2380, 2392, 2650, 2658, 3086, 3360, 3383, 3412–3413, 3567, 4060, 4204, 4536, 4553, 4577, 4604, 4832, 5625, 5827, 5958, 5988, 6241, 6293, 6586, 6871, 7408, 7917, 7969, 8170, 8177, 8620, 8753, 8876–8878, 9504, 9894, 9933, 10219
SUSPENSIONS: 118, 9643
SUTURE TECHNICS: 504, 1253, 2292, 3009, 3461, 4407, 5028, 5245, 5916, 6711, 7071, 8746, 9861
SUTURES: 1417, 4407
SV40 VIRUS: 1325, 3122, 5528, 7634, 8529, 9523
SWEATING: 695
SWINE: 142, 158, 213, 377, 508, 535–537, 544, 604, 648, 719, 897, 1000, 1005, 1016–1017, 1097, 1162, 1174, 1186, 1210, 1218, 1295, 1343, 1455, 1489, 1512, 1527, 1530–1531, 1555, 1619, 1697–1698, 1791, 1857, 2095, 2113, 2145, 2147, 2224, 2372, 2430, 2483, 2525, 2564, 2627–2628, 2664, 2677, 2711–2712, 2763, 2805, 2829, 2972–2973, 3021, 3029, 3071, 3169–3170, 3173, 3304, 3328–3329, 3407, 3419, 3428, 3447, 3481, 3593, 3602, 3606, 3922, 3942, 4001, 4016, 4025, 4067, 4227, 4238, 4248, 4352, 4508, 4695, 4799, 4910, 5013, 5085, 5162, 5221, 5256, 5305, 5486, 5488, 5501, 5764, 5859, 5870, 5926–5928, 5959, 5999, 6076, 6081, 6367, 6490, 6572, 6643, 6720, 6730, 6758, 6778, 6808, 6850, 6904, 6938, 7028, 7249, 7282, 7304, 7410, 7590, 7640, 7678, 7690, 7931–7932, 7966, 8001, 8033–8034, 8074, 8092, 8101, 8113, 8117, 8124, 8139, 8200–8204, 8217–8218, 8264, 8281, 8502, 8518, 8580, 8748, 8821, 8824, 8842, 8889, 8916, 8990, 9056, 9111, 9114, 9119, 9132, 9211, 9222, 9289–9290, 9361, 9443, 9481, 9520, 9667, 9677, 9701, 9714, 9790, 9808, 9900, 9957–9959, 10017–10018, 10041, 10099, 10147, 10180, 10224, 10265, 10309, 10351
SWINE DISEASES: 2711, 3602, 5488, 8092, 8139, 8889, 9056, 10309
SWINE ERYSIPELAS: 8202–8203, 10309
SYMPATHECTOMY: 2000, 2308, 3226, 3813, 5081, 7811, 8505, 8894
SYMPATHETIC NERVOUS SYSTEM: 569, 1974, 2771, 3157, 3227, 5050, 5154, 6209, 6897, 7141, 7707, 7787, 8035, 8823, 9487
SYMPATHOLYTICS: 7415, 8894
SYMPATHOMIMETICS: 1065, 2956, 3996, 4150, 5960, 8506, 8894
SYNAPTIC MEMBRANES: 19, 1587, 5179, 9417
SYNAPTIC RECEPTORS: 4758
SYNAPTOSOMES: 1587, 3181, 4091, 4758, 5179, 5263, 6255, 8730, 9947
SYNCOPE: 670, 4267, 8008, 10068
SYNDACTYLIA: 9507
SYNDROME: 126, 133, 163, 187, 330, 342, 358, 746, 891, 910, 1040, 1140, 1222, 1281, 1378, 1557, 1629, 1828, 1942, 2016, 2156, 2168, 2232–2233, 2270, 2320, 2335, 2354, 2395, 2497, 2505, 2767, 2827, 2878, 2926, 2986, 3065, 3129, 3289–3290, 3445, 3467, 3574, 3598, 3644, 3802, 3819, 3828, 4018, 4054, 4131, 4304, 4354, 4523, 4563, 4567, 4622, 4632, 4742, 4825, 4831, 4912, 5061, 5113, 5166, 5205, 5273, 5302, 5319, 5398, 5400, 5538, 5595, 5684, 5693, 5709, 5807, 5817, 5848, 5920, 6085, 6127, 6202, 6310, 6390, 6504, 6534, 6625, 6790, 6876, 6944, 6997, 7019, 7029, 7039, 7145, 7157, 7166, 7560, 7712, 7732, 7737, 7868, 7926, 8020, 8146, 8336, 8341, 8628, 8646, 8729, 8818–8819, 8928, 9199, 9231, 9252–9253, 9434, 9450, 9464, 9548, 9574, 9620, 9632, 9678, 9697, 9806, 9896, 10036, 10116, 10253, 10260, 10300
SYNOVIAL CYST: 3070, 3857, 4567, 4947, 5394, 8928, 10175
SYNOVIAL FLUID: 166, 517, 879, 2057, 2171, 2287, 2639, 3020, 3183, 4498, 4723, 5411, 5602, 6920, 7914, 8892, 9787, 10303
SYNOVIAL MEMBRANE: 312, 517, 544, 879, 1456, 2287, 2574, 3083, 3183, 4076, 5761, 5912, 7046, 8204, 9159, 9498, 9787, 9893, 10133, 10305, 10357
SYNOVITIS: 81, 2287, 5474, 9893
SYPHILIS, CONGENITAL: 2360
SYPHILIS SERODIAGNOSIS: 296
SYRINGES: 12
SYSTEMS ANALYSIS: 7141

T

TABLETS: 3331, 3450, 3604, 8626
TABLETS, ENTERIC-COATED: 3331
TACHYCARDIA: 3666, 4335, 4455, 6685, 8368, 9241, 9967
TACHYCARDIA, PAROXYSMAL: 9241
TACHYPHYLAXIS: 5781
TAENIASIS: 5019
TAIL: 4252, 4588
TAKAYASU SYNDROME: 7174
TAMOXIFEN: 3782
TAMPONS: 2696, 7057, 8170
TANNIC ACID: 1147, 7327
TANNING: 7115
TANNINS: 4402, 6285, 8676, 9789
TARSAL BONES: 1927
TARTRATES: 3772, 9114
TASTE: 6349, 8536, 10120–10122
TATTOOING: 3218, 3321
TAUROCHOLIC ACID: 3619, 3933, 9959
TEARS: 389, 768, 2894, 5320
TECHNETIUM: 616, 706, 1021, 1670, 2101, 2139, 2285, 2330, 2469, 2775, 3436, 3631, 3720, 3859, 4178–4180, 4627, 4718, 4795, 5011, 5567, 6311, 6374–6375, 7126, 7872, 8298, 9090–9091, 9261, 9295, 9655, 9842, 9867, 10019
TECHNOLOGY, MEDICAL: 7601
TECHNOLOGY, RADIOLOGIC: 6768
TEGMENTUM MESENCEPHALI: 6356
TEICHOIC ACIDS: 612, 2457–2458, 6779
TELANGIECTASIA, HEREDITARY HEMORRHAGIC: 87, 1910, 3202, 4069, 4755, 5726, 6906, 7179
TELANGIECTASIS: 1378, 1402, 1651, 2354, 2986, 3018, 7363, 9006, 9507, 9697
TELENCEPHALON: 5787
TELEPHONE: 7792
TEMPERATURE: 43, 97, 251, 283, 385, 388, 468–469, 489,

494, 547, 599, 606, 698, 738, 794–795, 1041–1042, 1074, 1184, 1245, 1314, 1334, 1377, 1416, 1475, 1480–1481, 1495, 1515, 1564, 1575, 1799, 1803, 1869–1870, 1965, 2025, 2186, 2191, 2254, 2302, 2340, 2348, 2352, 2366, 2388, 2411, 2447, 2465, 2515, 2561, 2595, 2701, 2719, 2772, 2792, 2814, 2903, 2958, 2961, 2974–2975, 3161, 3171, 3176, 3211, 3224, 3235, 3240, 3256, 3427, 3480, 3519, 3527, 3597, 3613, 3639–3640, 3682–3683, 3751, 3762, 3825, 3844, 3866, 3889, 3893, 3913, 3916, 3921–3922, 3940, 3952, 4024, 4033, 4134, 4145, 4332, 4343, 4386, 4393, 4424, 4548, 4562, 4648, 4671, 4687, 4690, 4695, 4768, 4771, 4821, 4833, 4836, 4884, 4964, 5029, 5096, 5207, 5228, 5235, 5317, 5365, 5371, 5381, 5401, 5554, 5568, 5669, 5724, 5793, 5980–5981, 5998, 6028, 6075, 6084, 6106, 6128, 6174, 6194, 6255, 6264, 6289–6290, 6521, 6557, 6589, 6605, 6707, 6723, 6782, 6793, 6918, 6933, 6951, 6973, 7103, 7163, 7242, 7265, 7267, 7304, 7350, 7378, 7474, 7548, 7607, 7624, 7656, 7841–7842, 8023, 8136, 8312, 8322, 8383, 8400, 8430, 8514, 8539, 8541–8542, 8585, 8592, 8641, 8692, 8737, 8804, 8837, 8905, 8944, 8948, 8962, 9032, 9131, 9315, 9393, 9457, 9643, 9698, 9708, 9783, 9807, 9869, 9878, 9939, 9949, 9956, 9990, 10041, 10045, 10063, 10108, 10118, 10177, 10229–10230, 10244

TEMPLATES: 545, 3795, 4367, 5317, 5554, 5719, 8042, 8720, 8938, 10276

TEMPORAL ARTERIES: 3957, 7542

TEMPORAL ARTERITIS: 9548

TEMPORAL BONE: 2944, 9670

TEMPORAL LOBE: 6678

TEMPOROMANDIBULAR JOINT: 10068

TENDINITIS: 10299

TENDONS: 1942, 4588, 6848, 10080

TENDONS, PARA-ARTICULAR: 3094

TENSILE STRENGTH: 7103

TERATOGENS: 3447, 4109, 5776, 8005, 8238

TERATOID TUMOR: 781, 2119, 8363, 8498, 9719, 10065

TERBIUM: 2483

TERPENES: 2053, 6394, 6872, 10107

TESTICULAR DISEASES: 1350

TESTICULAR FEMINIZATION: 6565

TESTICULAR NEOPLASMS: 2097, 2275

TESTIS: 519, 707, 804–805, 1299, 1331, 1532, 1965, 2092, 2097, 2283, 2421, 2982, 3015–3017, 4106, 4194, 4847, 5616, 6486, 7382, 8100, 8112, 9094, 9912

TESTOSTERONE: 331, 1331, 2374, 3403, 3603, 4672, 5005, 6451, 6961, 7249, 7523, 7949, 9194, 9444, 9690, 9988

TETANUS: 3009

TETANUS TOXOID: 3009, 7013

TETRABENAZINE: 8823

TETRACHLORODIBENZODIOXIN: 4358, 7272

TETRACYCLINE: 606, 1099, 1839, 6129, 7149, 7175

TETRACYCLINES: 7733, 7810

TETRADECANOYLPHORBOL ACETATE: 6454, 9316

TETRAHYDROCANNABINOL: 485

TETRAHYDROFOLATE DEHYDROGENASE: 8840, 10216

TETRAHYDROFOLATES: 737

TETRAHYDROPTEROYLGLUTAMATE METHYLTRANSFERASE: 2843

TETRAHYMENA PYRIFORMIS: 927, 3743, 5401

TETRALOGY OF FALLOT: 1117, 1219, 2348, 4300, 8986

TETRANITROMETHANE: 4584, 10067

TETRAPHENYLBORATE: 9837

TETRAZOLIUM SALTS: 3769, 6821, 9005, 9272, 9922

TETRODOTOXIN: 5299

TEXTILE INDUSTRY: 1582

TEXTILES: 4131

THALAMUS: 381, 3403–3404, 4446, 6229, 9417, 9764

THALASSEMIA: 534, 669, 782, 964, 2392, 2503, 2508, 4335, 6275, 7603, 7693, 8007, 8120, 8756, 9612

THALIDOMIDE: 5776

THALLIUM: 6428

THEOBROMINE: 2993, 4290, 5329, 8774, 8845

THEOPHYLLINE: 38, 326, 364, 711, 1036, 1540, 2411, 3061, 3064, 3453, 3810, 3835, 4624, 5279, 6278–6279, 7139, 8284, 8865, 9142, 10139

THERAPEUTIC EQUIVALENCY: 3758

THERMODYNAMICS: 43, 1480, 1824, 1830, 1869–1870, 2411, 2903, 3365, 4394, 4768, 4836, 5381, 5663, 5805, 5981, 6782, 6972, 7141, 7624, 8004, 8194–8195, 8379, 8826

THERMOGRAPHY: 748, 752, 1050, 3272, 4679, 6275, 6884, 7079, 10299

THERMOLYSIN: 799, 928, 1391, 1719, 2410, 2786, 2852–2853, 2968, 3223, 3379, 3745, 3944, 4319, 4413, 5079, 5473, 6095, 6488, 6510, 6693, 6927, 6936, 7074, 7477, 7742, 8864, 9414, 9455, 9503, 9743, 10029–10030

THIADIAZINES: 4777

THIAMINE: 2177, 3585, 4735, 7001, 7480

THIAMINE DEFICIENCY: 1638

THIAMPHENICOL: 242

THIAZINES: 2206, 2307, 4777

THIAZOLES: 4749, 6993, 9108

THIGH: 880, 2647, 4315, 7798, 8117, 8243, 8351, 9506, 9552

THIOACETAMIDE: 3387

THIOCARBAMATES: 3206

THIOCYANATES: 468–469, 485, 2347, 3109, 6128, 7998

THIOGLUCOSIDES: 8723

THIOGLYCOLATES: 1356, 2336, 9077

THIOGLYCOSIDES: 8723

THIOGUANINE: 3780, 3901, 8594, 9951

THIONES: 7673

THIONUCLEOSIDES: 1473

THIOPENTAL: 606, 9093

THIOPHENES: 1695, 5133

THIOTHIXENE: 8378

THIOURACIL: 9925

THIOUREA: 4748, 5022

THORACIC ARTERIES: 883, 3592, 6381, 6867, 6965

THORACIC DISEASES: 8198

THORACIC DUCT: 1526, 2308

THORACIC INJURIES: 392, 976, 1182, 2332, 2547, 8255, 8376, 8740, 9993

THORACIC NEOPLASMS: 1692, 2051, 3225, 5604, 8198, 8498

THORACIC RADIOGRAPHY: 1415, 2936, 3903, 4289, 8146, 8368, 8740

THORACIC VERTEBRAE: 3607, 3775

THORAX: 3592, 5855, 6724, 6749, 7461, 7492, 8731, 9598, 9780

THORIUM DIOXIDE: 3055, 7436, 9853, 10359

THREONINE: 3108, 3854, 9026

THREONINE DEHYDRATASE: 6708

THROMBELASTOGRAPHY: 228, 357, 610, 806, 1022, 1113–1114, 1395, 1687, 2024, 2036–2037, 2192, 2297, 2629, 2793, 2940, 3192, 3345, 3431–3432, 3556–3557, 3757, 3868, 4197, 4529, 5288, 5395, 5715, 5754, 5939, 5941, 6009, 6657, 6930, 7252, 7441–7442, 7575, 7839, 7845, 8047–8048, 8066, 8172, 8385, 8413, 8463, 8648, 8980, 9059, 9339, 9368, 9704, 9757, 10220

THROMBIN: 48, 159, 214, 224, 265, 281, 295, 309, 319, 446, 450, 509, 561, 609, 708, 751, 848, 851, 881, 896, 972, 1084, 1121, 1130, 1214, 1336, 1469, 1511, 1521, 1523, 1665, 1713, 1755, 1768, 1795–1797, 1799, 1805, 1915, 1917, 1928–1929, 1988, 2003, 2009, 2036, 2049, 2103, 2155, 2238, 2257, 2264, 2444, 2534, 2567, 2581, 2585, 2596, 2614, 2625, 2846, 2855, 2883, 2892, 2910, 2916, 2951–2952, 3066, 3104, 3108, 3138, 3146, 3189, 3233, 3236, 3243, 3341, 3362, 3488, 3501–3502, 3509, 3544–3546, 3601, 3685, 3695, 3705, 3763, 3792, 3835, 3892, 3945, 3961–3962, 4084, 4105, 4190, 4221, 4295, 4323, 4342, 4373–4374, 4469, 4492, 4574, 4722, 4729, 4776, 5015, 5040, 5042, 5045–5046, 5048, 5052, 5110, 5113, 5126, 5134, 5141, 5156, 5181–5182, 5184, 5199, 5244, 5391, 5431, 5495, 5526, 5626, 5664, 5668, 5704–5705, 5794, 5876, 5895–5896, 5905, 5908, 5933, 5955, 5967, 5980, 6006, 6011, 6054, 6059, 6061, 6198, 6209, 6211, 6308, 6382, 6406, 6463, 6600, 6642, 6666, 6713, 6717, 6745, 6781, 6802, 6865, 6873, 6887, 6925, 6957, 7037, 7057, 7071, 7095, 7104, 7107, 7161, 7168, 7185–7186, 7262, 7268, 7307–7308, 7315, 7380–7381, 7445, 7464, 7548–7549, 7551, 7611–7612, 7649, 7657, 7672, 7760–7761, 7809, 7855, 7919, 7921, 7924, 7938, 8047, 8156, 8170, 8172, 8254, 8270, 8312, 8394–8395, 8413, 8469, 8551, 8583, 8608, 8612, 8659, 8687, 8692, 8762, 8778, 8782, 8790, 8836, 8880, 8902–8903, 8946, 8997, 9183, 9197, 9237, 9289, 9309–9310, 9402, 9408, 9457, 9522, 9532, 9534, 9554, 9587, 9628, 9666, 9746, 9766, 9770, 9792, 9821, 9835, 9922, 9968, 10066–10067, 10125, 10155, 10182, 10204, 10220, 10244–10245, 10286, 10358, 10378, 10393

THROMBOANGIITIS OBLITERANS: 464, 2635, 4496, 4585, 4701, 9548

THROMBOCYTOPATHY: 48, 3716, 3803, 4193, 4936, 5824, 7306, 8344, 8627, 9834, 10026

THROMBOCYTOSIS: 169, 383, 444, 761, 933, 1075–1076, 1178, 1240, 1302, 1339, 1350, 1852, 1860, 2370, 2451, 2774, 3124, 3210, 3371, 3424, 3676, 4058, 4069, 4185, 4223–4224, 4457, 4553, 5006, 5703, 5910, 6166, 6250, 7157, 7515, 7869, 8530, 8705, 8862, 9110, 9493, 9735

THROMBOEMBOLISM: 13–14, 30, 53, 82, 113, 120, 129, 203, 217, 226, 238, 323, 328, 415, 464, 529, 542, 568, 573, 575, 583, 618, 625, 669, 673, 684, 705, 771, 829, 878, 894, 901, 954, 980, 987, 993, 1022, 1058, 1091, 1101, 1107, 1114, 1129, 1135, 1242, 1255, 1264, 1288–1289, 1364, 1396, 1404, 1489, 1596, 1641, 1650, 1678, 1697, 1702, 1748, 1752, 1758, 1783, 1831, 1888, 1891, 1899–1901, 1907, 1918, 1972, 2041–2042, 2087, 2202–2203, 2315, 2323, 2327, 2431, 2446, 2489, 2601, 2611, 2674, 2676, 2726–2728, 2730, 2765, 2768, 2815, 2850, 2868, 2931–2933, 2937, 2945, 2991, 3006–3007, 3050, 3147, 3187, 3272, 3278, 3317, 3326, 3383, 3390, 3393, 3406, 3433, 3452, 3454, 3456–3458, 3464, 3482, 3486, 3510, 3536, 3587, 3606, 3628, 3646–3647, 3676, 3692, 3731–3732,

3769, 3881, 4049, 4072, 4099, 4113, 4146, 4155, 4170, 4188, 4257, 4296, 4322, 4344, 4383, 4388, 4457, 4536, 4553, 4569, 4596, 4604, 4625, 4684, 4692, 4739, 4806, 4848, 4854, 4878, 4900, 4911, 4934, 5202, 5211, 5230, 5239–5241, 5250, 5283, 5289, 5356–5357, 5366, 5448–5449, 5460, 5465–5466, 5503, 5509, 5536, 5590, 5598, 5611, 5720, 5738, 5741, 5754, 5760, 5856, 5859, 5984, 5988, 6008, 6040, 6153, 6158, 6241, 6293, 6347, 6422, 6478, 6493, 6524, 6530, 6545, 6676–6677, 6739, 6743, 6784, 6804, 6828, 6859, 6867, 6938, 6948, 6969, 6975, 7032, 7059, 7088, 7104, 7160, 7174, 7189, 7192, 7213, 7280, 7298, 7303, 7367, 7390, 7398, 7408, 7425, 7454, 7507, 7513, 7526–7527, 7530, 7622, 7628–7629, 7724, 7734, 7817, 7840, 7844, 7931–7932, 7934, 7941, 7944, 7982, 8017, 8020, 8062, 8115, 8174, 8184, 8190, 8198, 8226, 8251, 8373, 8375, 8377, 8408–8409, 8470, 8500, 8507, 8553, 8596, 8666, 8682, 8736, 8738, 8751–8752, 8812, 8821, 8846, 8859, 8876, 8879, 8896, 9000, 9021, 9173, 9207, 9220, 9228, 9233, 9244, 9321, 9400–9401, 9419, 9440, 9561, 9579, 9600, 9677, 9683, 9685, 9738, 9776–9777, 9811, 9897–9898, 9900–9902, 10192, 10197, 10218, 10220–10221, 10314, 10325, 10328, 10334–10335, 10339, 10372, 10382

THROMBOPENIA: 16, 94, 147, 274, 440, 455, 467, 470, 561, 669, 742, 761, 812, 826, 844, 888, 904, 911, 919, 979, 989, 1055, 1059, 1177, 1232, 1236, 1260, 1263, 1302, 1338, 1370, 1400, 1457, 1468, 1473, 1478–1479, 1514, 1570, 1586, 1607, 1634, 1646, 1677, 1688, 1696, 1726, 1764, 1782, 1800, 1856, 1878, 1882, 1897, 1913, 1951, 2010, 2028, 2067, 2106, 2118, 2122, 2189, 2252, 2289, 2298–2300, 2320, 2322, 2335, 2412, 2435, 2442, 2466, 2518, 2526, 2542, 2608, 2657, 2673, 2705, 2835, 3129, 3152, 3155, 3185, 3195, 3202, 3297, 3355, 3442, 3510, 3574, 3608, 3643, 3737, 3780, 3782, 3828, 3834, 3855, 3902, 3931, 3939, 3968, 4058–4059, 4068–4069, 4079, 4222–4223, 4235, 4271, 4409, 4411, 4524, 4603, 4611–4612, 4664, 4740, 4765, 4780, 4975, 4995, 5007–5008, 5030, 5094, 5100, 5123, 5130, 5140, 5168, 5206, 5224, 5234, 5274, 5312–5313, 5317, 5330, 5373, 5402, 5488, 5532, 5549, 5595, 5610, 5674, 5685, 5688, 5830, 5848, 5917, 5931, 6024, 6033, 6051, 6055, 6126, 6159, 6222, 6240, 6242, 6250, 6266, 6398, 6400–6401, 6469, 6491, 6496, 6609, 6625, 6671, 6734, 6769–6770, 6805, 6828, 6839, 6960, 6984, 7010, 7019, 7023, 7041, 7133, 7216, 7258, 7263, 7339, 7448, 7453, 7481, 7562, 7570, 7581, 7627, 7630, 7709, 7868, 8067, 8098, 8135, 8193, 8260, 8287, 8334, 8344, 8460, 8499, 8550, 8557, 8563, 8585, 8623, 8684, 8711, 8715, 8728, 8833, 8851, 8927, 8933, 8960, 9121, 9124, 9199, 9204, 9266, 9285, 9549, 9659, 9684, 9749, 9834, 9869, 9871, 9976, 10004, 10100, 10112, 10128, 10151, 10371

THROMBOPHLEBITIS: 80, 126, 148, 157, 212, 236, 238, 240, 253, 257, 273, 282, 288, 313, 317, 321, 329, 341, 352, 427, 434, 510, 528, 530–532, 567, 577, 585, 594, 620, 625, 637, 656, 685, 748–749, 752, 791, 793, 874, 880, 929, 959–960, 973, 992, 1012, 1031–1032, 1035, 1039, 1044, 1050, 1092, 1101, 1124, 1154, 1165–1166, 1200–1201, 1203, 1205, 1211, 1222–1223, 1269, 1289, 1303, 1339, 1388, 1397, 1403, 1423, 1434, 1442, 1465, 1516, 1518, 1543, 1556, 1585, 1594, 1606, 1631, 1639, 1649, 1692, 1702, 1710, 1724–1725, 1730, 1745, 1752, 1769, 1773, 1804, 1819–1820, 1831, 1837–1838, 1894, 1933, 1940, 1987–1988, 1992, 1997, 2001, 2008, 2011, 2041–2042, 2044, 2063, 2065, 2077, 2098, 2116, 2139, 2226, 2230, 2281, 2292, 2301, 2345, 2351, 2358, 2364, 2380, 2433, 2446, 2450, 2453–2455, 2469, 2475, 2479, 2549, 2565, 2590, 2592, 2598, 2600, 2604, 2634–2636, 2665, 2691, 2697, 2706, 2713, 2741–2742, 2746, 2760, 2770, 2778, 2780–2781, 2812–2813, 2820, 2827, 2833, 2896–2897, 2908, 2912, 2922, 2931–2936, 2943, 2954, 3034, 3037, 3056–3057, 3060, 3070, 3086, 3097, 3203, 3208, 3225, 3268, 3271–3272, 3275, 3294–3295, 3303, 3330, 3360, 3390, 3406, 3434, 3436, 3445, 3453, 3458–3459, 3468, 3510, 3538, 3558, 3577, 3607, 3627–3628, 3645, 3647–3648, 3665–3666, 3678, 3713, 3720, 3728, 3733–3734, 3747, 3749, 3754–3755, 3757, 3820–3821, 3830, 3837, 3859, 3880–3882, 3903–3905, 3914, 3928, 3990, 4007, 4029, 4045–4046, 4048–4050, 4080, 4082, 4093, 4162, 4199, 4210, 4278, 4280, 4283, 4287, 4292, 4307, 4310, 4322, 4335, 4368, 4388–4389, 4407, 4433, 4438, 4458–4459, 4461–4463, 4465, 4472, 4481, 4520, 4567, 4569, 4577, 4601, 4627–4628, 4647, 4680, 4701, 4727, 4778, 4783, 4816–4817, 4829, 4874, 4896, 4912, 4947, 4959, 4961, 4973, 4985, 4991–4992, 5011, 5028, 5057, 5073, 5077, 5089, 5097, 5121, 5133, 5136, 5150, 5188, 5195, 5241, 5261, 5278, 5282–5284, 5288–5289, 5340, 5343, 5349, 5360, 5367, 5394, 5409, 5438, 5481, 5487, 5534, 5539, 5562, 5584–5585, 5596, 5622, 5631, 5690, 5706, 5712, 5720, 5731, 5792, 5820, 5827, 5854, 5859, 5864, 5868, 5877, 5911, 5922, 6025–6027, 6082, 6085, 6091, 6117, 6127, 6142, 6178, 6275, 6283, 6307, 6309, 6343–6344, 6347–6348, 6353–6354, 6363–6366, 6374–6375, 6418–6420, 6423–6424, 6524, 6553, 6560–6561, 6564, 6581, 6586, 6599, 6613–6614, 6619, 6623, 6628, 6631, 6635, 6663, 6675, 6700, 6721, 6737, 6741, 6755, 6768, 6776, 6830, 6894, 6958, 6963, 6966, 7002, 7022, 7038, 7049, 7079, 7121, 7144–7145, 7178, 7215, 7239, 7247, 7292–7294, 7296, 7298–7300, 7333–7335, 7349, 7363, 7365, 7377, 7389, 7406, 7443, 7454, 7493–7494, 7497, 7509, 7535, 7588, 7598, 7608, 7621, 7623, 7628–7629, 7631, 7650, 7677, 7750, 7780, 7825, 7840, 7854, 7861, 7865, 7872, 7879, 7882, 7884, 7889, 7934, 7937, 7941, 7944, 7950, 7994, 7996, 8011–8012, 8014, 8056, 8134, 8171, 8174, 8211, 8225, 8253, 8256, 8261, 8263, 8326, 8328, 8347, 8349, 8355, 8406–8409, 8413–8414, 8482–8483, 8512, 8525, 8569, 8681, 8736, 8758, 8772–8773, 8799, 8803, 8818–8819, 8843, 8855–8857, 8872, 8928, 9002, 9012, 9019–9020, 9062, 9129, 9157, 9162, 9182–9183, 9205, 9218, 9220, 9276, 9280, 9295, 9321, 9323, 9360, 9373, 9376–9377, 9385, 9428, 9464, 9489, 9495–9496, 9509, 9515, 9519, 9561, 9565, 9591, 9598–9600, 9603–9604, 9616–9617, 9619, 9624, 9632, 9640, 9655, 9711, 9724, 9728, 9741, 9752, 9804–9805, 9842, 9855, 9885, 9897, 9899, 9901, 9913, 9941, 9944, 10019, 10028, 10034, 10059, 10082, 10142, 10149, 10173, 10175, 10192, 10234, 10295, 10323, 10330, 10333, 10336, 10352–10353, 10358, 10362, 10372, 10377

THROMBOPLASTIN: 48, 226, 230, 336, 390, 522, 553, 626, 653, 758, 884–885, 1005, 1100, 1130, 1353, 1460, 1713, 1722, 1816, 1829, 1928, 2192, 2276, 2279, 2535, 2585, 2885, 3102–3103, 3135, 3173, 3243, 3249, 3673, 3860, 3862, 4190, 4549, 4722, 4844, 4860, 4913, 5020, 5033, 5111, 5315, 5360, 5434, 5495, 5533, 5580, 5638, 5790, 5858, 5987, 6035–6037, 6064, 6154, 6211, 6261, 6370, 6409, 6700, 6734, 6930, 6952, 7015, 7036–7037, 7104, 7236–7237, 7295, 7305, 7337, 7442, 7461, 7498, 7615–7616, 7661, 7670, 7699, 7712, 7786, 7853, 7921, 7939, 8066, 8106, 8172, 8273, 8331, 8361, 8444, 8509, 8543, 8560, 8815, 8962, 8981, 9130, 9222, 9233, 9253, 9664–9666, 9772, 9869, 9957–9959, 9996, 10098, 10140, 10183, 10384

THROMBOPOIETIN: 1850, 2526, 4525, 5008, 5683–5688

THROMBOSIS: 16, 51, 112, 118, 120–121, 130, 140, 148–149, 151, 185, 232, 238, 260, 316, 322, 358, 379, 404, 413, 433, 453, 457, 463, 470, 487, 519–520, 528, 543, 552, 554, 570–571, 593, 611, 620, 638, 645, 649, 677, 689, 693, 706, 757–759, 767, 830–831, 850, 870–871, 882, 891, 913, 943, 946, 953, 977–978, 1028, 1040, 1043, 1051–1054, 1069, 1072, 1112, 1115, 1130, 1134–1135, 1141–1142, 1149, 1154–1155, 1183, 1214, 1228, 1231, 1273, 1287, 1294, 1300–1301, 1312, 1342, 1355, 1358, 1360, 1367, 1406, 1410, 1427, 1433, 1462, 1506, 1555, 1559, 1586, 1594, 1597, 1603, 1640, 1691, 1699, 1703, 1727, 1730, 1744–1745, 1750, 1763, 1774, 1806–1807, 1842, 1851, 1853, 1863, 1871–1872, 1874, 1890, 1902, 1909, 1953, 1987–1988, 1992, 2016, 2034–2035, 2066, 2071, 2081, 2105, 2140, 2188, 2199, 2201, 2213, 2216, 2231–2233, 2250, 2256, 2270–2271, 2285, 2291–2292, 2324, 2327, 2346, 2376, 2380, 2391, 2452, 2541, 2545, 2553–2554, 2572, 2577, 2591, 2602, 2633, 2640, 2659, 2687, 2699, 2716, 2745, 2756, 2758, 2775, 2809, 2850, 2880, 2926, 2932, 2983, 3004, 3073, 3084, 3094, 3099, 3102, 3141, 3146, 3154, 3187–3188, 3191–3192, 3204, 3213, 3246, 3275, 3288, 3294–3296, 3298–3299, 3324, 3396, 3401, 3405, 3416, 3431, 3436, 3467, 3473, 3508, 3596, 3599, 3609–3610, 3627–3628, 3642, 3664, 3730, 3735, 3747, 3754–3755, 3766–3768, 3771, 3813, 3818, 3857, 3882, 3894–3895, 3935, 3963, 3980–3981, 3985, 3987, 3990, 4002, 4018, 4039, 4069, 4078, 4101, 4136, 4162, 4187, 4194, 4229–4231, 4244, 4259, 4296, 4315, 4345, 4364, 4438, 4453–4454, 4456, 4465, 4498–4500, 4510, 4535, 4552, 4559, 4568, 4586, 4594, 4608, 4617, 4643, 4667, 4674, 4680, 4710, 4714, 4718, 4730, 4738, 4776, 4798, 4809, 4815, 4828, 4832, 4834, 4847, 4851, 4872, 4881, 4888, 4890, 4895, 4927, 4939, 4958, 4969–4970, 4977, 5010, 5017, 5019, 5031, 5041, 5046, 5050, 5071, 5073, 5080–5081, 5095, 5113, 5133, 5136, 5169, 5172, 5180–5181, 5183, 5186, 5189, 5216, 5249, 5254, 5270, 5282–5283, 5285, 5291, 5295, 5329, 5350, 5380, 5393, 5421, 5444, 5453, 5482, 5487, 5520–5521, 5546, 5562, 5586, 5606, 5642, 5652, 5696, 5704, 5745, 5789, 5840, 5844, 5858, 5867–5868, 5878, 5888, 5904, 5906–5907, 5914–5916, 5951, 5958–5959, 5961, 5967, 5985, 6069, 6082, 6093–6094, 6102, 6109–6110, 6146, 6167, 6248, 6251, 6309, 6312, 6346, 6358–6359, 6390, 6415, 6433, 6520, 6537, 6578, 6581, 6585, 6607–6608, 6632, 6641, 6648, 6656, 6675, 6680, 6691–6692, 6702, 6714, 6719, 6765, 6794, 6801, 6828, 6847, 6855, 6861, 6884, 6902, 6922–6923, 6943, 6955, 6962, 7000, 7029, 7039, 7043, 7052, 7054, 7071, 7089, 7095, 7109, 7117, 7126, 7132–7133, 7156, 7165, 7176, 7190–7191, 7196, 7217, 7227, 7243, 7248, 7276, 7281, 7293, 7309, 7321, 7334, 7348, 7353, 7368, 7376, 7383, 7409, 7417, 7426, 7429, 7438, 7450, 7454, 7456, 7505, 7515, 7533, 7540–7541, 7567, 7577–7578, 7582, 7601–7602, 7628–7629, 7637, 7643, 7661–7662, 7667–7668, 7675, 7678–7679, 7681, 7707, 7713–7714, 7741, 7747, 7762, 7766, 7778, 7803, 7824, 7831, 7846, 7870, 7880, 7894, 7916, 7942, 7949, 8013, 8025–8026, 8031, 8046, 8050, 8054, 8105, 8125, 8143–8144, 8153, 8168, 8172, 8180, 8207–8208, 8212, 8252, 8264–8265, 8303, 8336–8337, 8341, 8348–8349, 8384, 8386, 8407–8409, 8461, 8468, 8475–8476, 8489, 8505, 8508, 8516, 8519, 8527, 8551, 8602, 8620, 8628, 8651, 8683, 8688,

8690, 8706, 8716, 8729, 8734, 8743, 8746, 8757, 8763, 8769, 8776, 8778, 8805, 8815, 8819, 8850, 8859, 8912, 8918, 8924, 8974, 9001, 9061, 9064, 9123, 9129, 9158, 9167, 9171, 9178, 9187, 9193, 9213, 9219, 9243, 9247, 9259, 9274, 9303, 9321–9322, 9324, 9334, 9355, 9364, 9374, 9388, 9395, 9420–9421, 9434, 9444, 9454, 9475, 9497, 9510, 9538, 9557, 9561, 9576, 9600, 9616, 9629, 9638, 9661, 9673, 9675, 9691, 9711, 9727, 9760, 9776, 9784, 9791, 9798, 9809, 9812, 9867, 9874, 9898, 9901, 9918, 9923, 9928, 9933–9934, 9940, 9946, 9975, 10044, 10052, 10090, 10139, 10211, 10216–10217, 10219, 10236, 10271, 10287, 10302, 10338, 10351–10352, 10354, 10358, 10369, 10374, 10383
THROMBOSTHENIN: 5319, 6465, 7624
THUMB: 575, 830, 5212, 6962, 9064, 9856
THYMECTOMY: 331, 1526, 6453
THYMIDINE: 865, 873, 917, 1008, 1356, 1385, 1481, 2523, 3654, 3823, 4952, 5528, 6602, 7008, 9648, 9793
THYMIDINE KINASE: 1789, 4530, 5070, 6230, 6602
THYMIDYLIC ACIDS: 1385, 10276
THYMINE: 1361–1362, 1385
THYMINE NUCLEOTIDES: 1385, 5070
THYMOL: 2095–2096, 2096
THYMOMA: 3216, 4123, 6815, 7755
THYMOSIN: 3223, 4670, 7012
THYMUS EXTRACTS: 3571, 4953, 7240
THYMUS GLAND: 187, 196, 331, 937, 2388, 3215, 3223, 3708, 3828, 3983, 4044, 4401–4402, 4562, 4872, 4941, 4953, 5591, 5900, 6207, 6483, 6624, 7012, 7240, 7753, 7913, 8287, 8523, 8529, 8886, 8917, 9216, 9647, 9746, 9748, 9983–9984
THYMUS HORMONES: 3223, 7240
THYMUS NEOPLASMS: 4123
THYROGLOBULIN: 5162–5163, 8276, 8829, 9473–9474, 9542, 10000, 10214–10215
THYROGLOSSAL CYST: 6226, 10277
THYROID ANTAGONISTS: 3490
THYROID CRISIS: 2779, 3809
THYROID DISEASES: 2386, 2550, 7230
THYROID FUNCTION TESTS: 4033
THYROID GLAND: 884, 2550, 2677, 2682, 4872, 5162, 6433, 6638, 6964, 8723, 8780, 9524, 9925, 10000, 10214–10215
THYROID GLAND, DESICCATED: 4596
THYROID HORMONES: 3402, 4064, 9925, 10005
THYROID NEOPLASMS: 1006, 1235, 2419, 2682, 3088, 6391, 7711, 9214–9215, 9473
THYROIDECTOMY: 1548, 3088, 6638, 7319, 7748, 8685
THYROIDITIS, LYMPHOMATOUS: 8276
THYROTROPIN: 2682, 5088, 6964, 7218, 7899, 10000, 10214–10215
THYROTROPIN RELEASING HORMONE: 718, 2938, 3402, 5719, 5901, 9119, 9925
THYROXINE: 587, 1332, 1548, 1550, 2550, 3583, 3809, 4033, 4252, 5163, 6964, 6990, 8066, 8222, 8233, 8685, 9989
TIBIA: 685, 1330, 1908, 4810, 5424, 9507
TICKS: 111
TIDAL VOLUME: 4167, 9447, 9594
TIME: 1515, 3639, 3751, 4940, 7182
TIME FACTORS: 3, 22, 44, 47, 55, 57, 71, 73, 76, 84, 94, 118, 147, 155, 157, 197, 217, 226–228, 255, 277, 293, 332, 338, 353, 369, 384–385, 387, 399, 401, 416, 424, 431, 434, 436, 440, 468–469, 478, 481, 500, 538, 551, 606, 683, 685–686, 692, 697–698, 706, 709, 743, 751, 767, 793, 795, 808, 873, 878, 887–889, 893, 904, 907, 966, 1003, 1010, 1022, 1039, 1042, 1055, 1066, 1068, 1079, 1109, 1130, 1135, 1144, 1149, 1151, 1169, 1180, 1184, 1191, 1200–1201, 1220, 1236, 1238, 1243, 1252–1253, 1294, 1328, 1334, 1350, 1387, 1395, 1421, 1423, 1439, 1469, 1473, 1489, 1491, 1507, 1561, 1564, 1575–1576, 1585, 1591, 1622–1623, 1630, 1633, 1725–1726, 1737, 1742, 1749, 1795, 1798, 1811, 1866, 1879–1880, 1907, 1916, 1921, 1970, 1972, 1977–1979, 1981–1982, 1992, 1996, 2023, 2026, 2043, 2049, 2067, 2073, 2078, 2082, 2086, 2103, 2108–2109, 2112, 2124, 2144, 2167, 2169, 2192, 2203, 2205, 2231, 2256, 2258, 2292, 2303, 2313, 2355, 2359, 2377, 2382, 2387, 2391, 2438, 2453, 2471, 2475, 2487, 2489, 2493, 2516, 2524, 2535, 2568, 2600, 2608, 2619, 2645, 2661, 2676, 2681, 2687–2688, 2695, 2716, 2721, 2742, 2744, 2759, 2772, 2776, 2778, 2803–2804, 2807, 2817, 2821, 2837, 2857, 2868, 2878, 2883, 2892, 2937, 2966, 2974, 2982, 3004, 3019, 3034, 3037, 3050, 3095, 3101–3102, 3104, 3111, 3118, 3133, 3141, 3166, 3175–3176, 3179, 3189, 3210–3211, 3235, 3240, 3244–3245, 3256, 3263, 3269, 3275, 3283, 3362, 3395, 3399, 3404, 3409, 3417, 3421, 3452, 3464–3465, 3486, 3491–3492, 3500, 3527, 3540, 3542, 3551–3552, 3609, 3618, 3625, 3630, 3634, 3686–3687, 3710, 3713, 3726, 3735, 3742, 3753, 3758, 3762, 3764, 3767–3768, 3770, 3782, 3820, 3823, 3830, 3918, 3942, 3955, 3960, 3980, 4033, 4036, 4045, 4053, 4061, 4072–4073, 4090, 4101, 4111, 4120–4121, 4165, 4175, 4180, 4184, 4197, 4200, 4219, 4222, 4242, 4249–4250, 4281, 4290, 4344, 4355, 4370–4371, 4382–4383, 4410, 4436, 4479, 4489, 4491, 4513, 4526, 4537, 4540, 4553, 4566, 4592, 4606, 4615, 4671, 4693, 4697, 4711–4712, 4725, 4738–4739, 4741, 4780, 4806, 4817, 4826, 4839, 4845, 4848, 4867, 4875, 4898, 4902, 4984, 5005, 5023, 5039, 5042, 5045–5046, 5063, 5077, 5102, 5116, 5126, 5131–5132, 5159, 5161, 5165, 5169, 5174, 5181, 5194, 5207, 5215, 5220, 5243, 5247, 5249, 5267, 5323, 5365, 5369, 5403, 5427–5428, 5435, 5456, 5466, 5471, 5503, 5509, 5514, 5518, 5596, 5612, 5652, 5663, 5682, 5690, 5712, 5742, 5747, 5770, 5775, 5777, 5781, 5801, 5805, 5809, 5835–5836, 5846, 5859, 5877, 5911, 5941, 5943, 5961, 5964, 5972, 5980, 6003, 6020, 6026, 6033, 6057, 6061, 6083, 6099, 6107, 6111, 6143, 6151, 6174, 6199–6200, 6205, 6211, 6217, 6219, 6232, 6268–6269, 6283, 6289, 6297, 6338, 6358, 6362, 6393, 6398, 6425, 6450, 6459, 6486, 6522, 6528, 6534, 6539, 6556, 6605, 6607, 6609, 6611, 6620, 6626, 6631, 6653, 6658, 6690, 6695, 6710–6711, 6723, 6730, 6737, 6744, 6762, 6770, 6773, 6781, 6802, 6821, 6831, 6838, 6844, 6855, 6857, 6867, 6882, 6918, 6920, 6922, 6934–6935, 6945, 6967, 6990, 7011, 7030, 7036, 7071, 7085, 7092, 7105, 7155, 7163, 7181, 7184, 7187, 7202, 7207–7209, 7211, 7249, 7262, 7264, 7270–7271, 7279, 7285, 7301, 7312, 7345–7346, 7350, 7378, 7394, 7399, 7403, 7407, 7419, 7442, 7461, 7464, 7493, 7509, 7512, 7531, 7548–7552, 7572, 7575, 7633, 7673, 7681, 7683, 7697, 7721–7722, 7730, 7738, 7771, 7786, 7789, 7793, 7813, 7835, 7883, 7915, 7925, 7928, 7932, 7970, 7980, 7986, 8037, 8077, 8086, 8128, 8132–8133, 8142, 8151–8152, 8162, 8183, 8213, 8218, 8274, 8281, 8284, 8302, 8312, 8335, 8361, 8367, 8446, 8448, 8452, 8478, 8483, 8496, 8502, 8542, 8578, 8586–8587, 8594, 8613, 8623, 8626, 8670, 8688, 8692, 8694, 8717, 8733, 8738, 8750, 8803, 8817, 8833, 8835, 8861, 8869, 8882, 8888, 8893, 8932, 8959–8961, 8989, 9116, 9130–9131, 9140, 9148, 9162, 9173, 9175, 9181, 9191, 9207, 9240, 9261, 9277, 9283, 9285, 9321–9323, 9359, 9377, 9395, 9415, 9418, 9432, 9434, 9447, 9457, 9460, 9501, 9528, 9533, 9555, 9561, 9584, 9587, 9614, 9621, 9643, 9665, 9678, 9688, 9698, 9725, 9736–9737, 9745, 9750, 9783, 9785, 9846, 9906, 9918, 9924, 9936, 9974, 10008, 10013, 10031, 10096, 10134, 10197, 10215, 10253, 10267, 10291, 10358, 10389
TIMOLOL: 6627
TIN: 2285, 5235
TIN POLYPHOSPHATES: 2285
TINEA: 3342, 4621
TINNITUS: 116
TISSUE ADHESIVES: 2992, 4298, 5038, 6328, 7030, 7057, 7161, 8583, 8687
TISSUE CULTURE: 351, 375, 439, 452, 776, 981, 1212, 1879, 2086, 2347, 2574, 3806, 4027, 4067, 4145, 4545, 4784, 5149, 5339, 5523, 6249, 6497, 6848, 7590, 8891, 9954, 10248
TISSUE DONORS: 1685, 8566, 9104, 9561
TISSUE EXTRACTS: 708, 1829, 2089, 2145, 3274, 4282, 4410, 4677, 5629, 5843, 6211, 6284, 6868, 7197, 7735, 7744, 7852, 8155, 8560, 8651, 9077, 9393, 9480, 9957, 10050
TISSUE PRESERVATION: 204, 2274, 4686, 5165, 5463, 7115, 7143, 7640, 7925, 8905, 9137
TITANIUM: 1953, 5235, 8514, 9645
TOBACCO: 629, 5928
TOBRAMYCIN: 8317
TOES: 2088, 3290–3291, 7515, 8530, 9507, 9735, 10088
TOLBUTAMIDE: 34, 1306, 1999, 2206, 2386, 3611, 4254, 6573, 10261, 10272
TOMOGRAPHY: 9882
TOMOGRAPHY, COMPUTERIZED AXIAL: 65, 95, 566, 971, 1658, 2194–2195, 2269, 2379, 2944, 3460, 3523, 3721, 3843, 4034, 4324, 4446, 4543, 4580, 4630, 4731, 4747, 4899, 5392, 5397, 5458, 5544, 5621, 5929, 6229, 6701, 6715, 7082, 7466, 7698, 7704, 8049, 8988, 8998, 9277, 9719, 9764, 9865, 9887, 10114, 10267, 10342
TOMOGRAPHY, RADIOGRAPHIC: 1934, 2232, 6484, 7462
TONGUE: 2014
TONGUE NEOPLASMS: 127, 687, 1513, 8432
TONSIL: 2719, 4658, 6571, 8416, 9570, 9681
TONSILLECTOMY: 513, 638, 2992, 3808, 3907, 3920, 5855, 6158, 6197, 8010, 8416, 9235, 9606, 10169
TONSILLITIS: 342, 4685, 8010, 8416, 9235, 9573, 9681
TOOTH: 2519, 9614
TOOTH ABNORMALITIES: 3290
TOOTH EXTRACTION: 35, 256, 710, 1379, 2520, 3051, 3066–3067, 3343, 3555, 4298, 4470, 5111, 5550, 5855, 6119, 7886, 8170
TOOTH FRACTURES: 8170
TOOTH, IMPACTED: 3066, 3343, 5550
TOOTH ROOT: 3343, 8170
TORSION: 7293, 7329
TORTICOLLIS: 5018
TOSYL COMPOUNDS: 6877, 8227
TOSYLARGININE METHYL ESTER: 3221, 3475, 4134, 5560, 6052, 6338, 9316, 9572
TOSYLLYSINE CHLOROMETHYL KETONE: 1464, 1546, 2929, 3654, 6052, 7670, 9316, 10154, 10167
TOSYLPHENYLALANYL CHLOROMETHYL

KETONE: 1464, 1546, 2517, 2929, 3654, 5406, 6052, 6514, 9316
TOURNIQUETS: 545, 3094, 3431, 4384, 4783, 7650, 8188, 10362
TOXAPHENE: 4310
TOXEMIA: 730, 1125, 5450, 5594, 7712
TOXICOLOGY: 5757
TOXINS: 1557, 2131, 2904, 5612, 6305, 8417, 8885, 9250, 10050, 10194
TOXOIDS: 3958, 6718
TOXOPLASMA: 3831, 5389
TRACE ELEMENTS: 1090, 1486, 5372
TRACHEA: 655, 2133, 2524, 4167, 6328, 9125, 9993
TRACHEAL DISEASES: 4450, 5508
TRACHEAL NEOPLASMS: 9221, 9657
TRACHEAL STENOSIS: 2524, 2905
TRACHEITIS: 2576, 2906
TRACHEOTOMY: 1297, 2094, 2906, 5300, 6864
TRACHOMA: 9538
TRACTION: 8143
TRANEXAMIC ACID: 353, 355, 837, 890, 1045, 2531, 3132, 4127, 4886, 6338, 6505, 6707, 7649, 8001, 9553, 9574, 9606, 9819
TRANQUILIZING AGENTS: 3011, 3245, 3490, 4495, 5690, 5893, 5974, 6022, 6032, 6331, 6449, 6934, 7793, 7840, 8140, 8894, 9526
TRANQUILIZING AGENTS, MAJOR: 482, 7793
TRANQUILIZING AGENTS, MINOR: 482, 6416
TRANSCOBALAMINS: 2595, 3216
TRANSCRIPTION, GENETIC: 1673, 1966, 2909, 3687, 4367, 5601, 5723, 6355, 6396, 6638, 6640, 7516, 7685, 8453, 8568, 8719, 8938, 9851
TRANSDUCTION, GENETIC: 3478
TRANSFER FACTOR: 471, 2294, 3956, 4670, 4953, 5246, 6058, 7012, 7136, 7699, 9990–9991
TRANSFERASES: 4434, 4745, 7694, 10057
TRANSFERRIN: 1170–1171, 3890, 5147, 5736, 5889, 7212, 7847, 8065, 8232
TRANSFORMATION, GENETIC: 876
TRANSKETOLASE: 2617
TRANSLATION, GENETIC: 1056, 1966, 3016–3017, 3439, 3687, 3824, 4240, 5175, 5308, 5368, 5724, 5778, 6638–6640, 7490, 7685, 8362, 8453, 9390, 9542
TRANSLOCATION (GENETICS): 3424, 4400
TRANSPLANTATION, ALLOGENEIC: 120, 297, 518, 1109, 1144, 1834, 1927, 2292, 2657, 2720–2721, 2743, 2765, 2857, 3213, 3312, 3395, 3467, 3764, 3828, 4145, 4832, 5227, 5295, 5523, 5579, 5815, 5951, 6434, 6845, 6869, 6955, 7012, 7115, 7258, 7639, 7931–7932, 9688, 9886, 9950, 10347
TRANSPLANTATION, AUTOLOGOUS: 292, 379, 411, 443, 518, 695, 831, 960, 1253, 1273, 1313, 1342, 1661–1662, 1806–1807, 1822, 1922, 1974, 2014, 2233, 2292, 2531, 2809, 3099, 3317, 3382, 3401, 3813, 3987, 4098, 4315, 4738, 5081, 5249, 5930, 6069, 6744, 6820, 6867, 6987, 7153, 7255, 7403, 8101, 8716, 8913, 9064–9065, 9111, 9164, 9178, 9934, 10217
TRANSPLANTATION, HETEROLOGOUS: 648, 1489, 1697, 1902, 2391, 3157, 3606, 4155, 4380, 5110, 5958–5959, 6268, 6730, 6938, 7678, 7931–7932, 8117, 8821, 9048, 9111, 9359, 9510
TRANSPLANTATION, HOMOLOGOUS: 411, 499, 678, 977, 1526, 1685, 1782, 1791, 1974, 2292, 2570, 2687, 2782, 2923, 2941, 3539, 3567, 4510, 4568, 4592, 4594, 4718, 4730, 4822, 4953, 5094, 5291, 5294, 6104, 6622, 6697, 6739, 6762, 6961, 7030, 7111, 7143, 7390, 7408, 7640, 7792, 7843, 7991, 8566, 8618, 8620, 8737, 8754, 8992, 9111, 9234, 9475, 9561, 9625, 9749, 10185, 10217
TRANSPLANTATION IMMUNOLOGY: 2687, 3312, 5291, 6697, 7112, 8817
TRANSPLANTATION, ISOGENEIC: 2720, 3263, 3847, 5007, 5463, 7135, 7264
TRANSPORT OF WOUNDED AND SICK: 8376
TRANSPORTATION: 207, 5740
TRANSPOSITION OF GREAT VESSELS: 767, 1149, 5017
TRANSSEXUALISM: 855, 9905
TRANYLCYPROMINE: 3959
TRAVEL: 401, 1725, 9002
TREHALASE: 5813
TREMATODA: 2602
TREMATODE INFECTIONS: 2602
TREPONEMA: 9525
TRETINOIN: 1998
TRIACETONEAMINE-N-OXYL: 1361
TRIAMCINOLONE: 2479, 6380
TRIAMCINOLONE ACETONIDE: 4119, 7328
TRIATOMINAE: 2955
TRIAZINES: 3354, 5674, 7356, 8515
TRIAZOLES: 1243
TRIBENOSIDE: 3888
TRICHLOROACETIC ACID: 7209, 9841
TRICHOPHYTON: 4777
TRICUSPID VALVE: 882, 1069, 1489, 1716, 3121, 3606, 4155, 5988, 7408, 7456, 10372
TRICUSPID VALVE INSUFFICIENCY: 1069, 2699, 6595, 6922
TRIFLUOROACETIC ACID: 8761
TRIGEMINAL NERVE: 2695, 4229
TRIGEMINAL NEURALGIA: 2695
TRIGLYCERIDES: 63, 106, 191–192, 203, 257, 272, 307, 324, 430–431, 502, 573, 619, 621, 662, 681, 713, 725, 851, 893, 930–931, 1007, 1187, 1319, 1337, 1430, 1494, 1500, 1625, 1764, 1849, 2013, 2280, 2342, 2371, 2424–2425, 2463, 2467, 2630, 2643, 2679, 2689, 2769, 2825, 2939, 2949–2950, 2985, 3127, 3156, 3244, 3388, 3417, 3582, 3617, 3660, 3707, 3802, 3833, 4268, 4277, 4373, 4546, 4672, 4803, 4885, 4998, 5000, 5082, 5120, 5197, 5279, 5352, 5498, 5502, 5561, 5640, 6000, 6083, 6114, 6302, 6333, 6534, 6651–6653, 6709, 7235, 7322, 7512, 7722–7723, 7727, 7739, 7743, 7812, 8006, 8069, 8222, 8247–8249, 8252, 8359, 8391, 8584, 8714, 8852, 8949, 8958, 9469, 9563, 9576, 9608–9609, 9726, 9755, 9802, 9911, 9999, 10262–10263
TRIIODOTHYRONINE: 587, 1839, 2900, 3282, 3583, 3809, 4033, 4252, 5163, 6230, 6451, 6964, 6990, 7748, 8685, 9989
TRIMETHADIONE: 5776
TRIMETHOPRIM: 2819, 8840, 9230
TRINITROBENZENES: 690, 9032, 10247
TRINITROBENZENESULFONIC ACID: 6402, 6541, 10103
TRIOLEIN: 1777, 3725, 5255, 6264, 9004, 9911
TRIOSEPHOSPHATE ISOMERASE: 492
TRIOSES: 1977–1978, 1983, 1985
TRIOXSALEN: 252, 635, 1444, 1471, 2666–2667, 5519, 6890, 7016, 9953
TRIPLETS: 183
TRISMUS: 5550
TRISOMY: 652
TRITERPENES: 3311
TRITIUM: 454, 548, 957, 1705, 2567, 3175, 4134, 4281, 5266, 5577, 6664, 7170, 7636, 7771, 8353, 8444, 8842, 9240
TRITONS: 444, 509, 537, 922, 1767, 2500, 3162, 3590, 4124, 4733, 4796, 4981, 5122, 5319, 6325, 6672, 6729, 7694, 7905, 9084, 9113, 9351, 10166, 10276
TROMETHAMINE: 3542, 9211, 9222
TROPANES: 2131
TROPHOBLAST: 2558, 9192
TROPHOBLASTIC TUMOR: 634, 2863
TROPICAL MEDICINE: 2084
TROPOCOLLAGEN: 1417, 4589
TROPOELASTIN: 6052–6053, 7966, 9289
TROPOMYOSIN: 2245, 3273, 6078, 7520, 9394, 10280
TROPONIN: 1391, 1715, 2245–2246, 4988, 6258, 6464, 7072–7074, 7520, 7742, 9394, 9514
TROUT: 1329, 1965–1966, 3015–3017, 4106, 10307
TRYPAN BLUE: 6341, 8005, 9837, 10193
TRYPANOSOMA: 4226, 8591
TRYPANOSOMA BRUCEI: 1010, 2512, 8591, 10077
TRYPANOSOMA CRUZI: 1998, 5672, 6688
TRYPANOSOMIASIS: 1010, 2512, 10077
TRYPSIN: 4, 19, 24, 32–33, 77, 96, 98, 127, 131, 142, 153–154, 158, 192, 211, 245–246, 248, 265, 298, 303, 338, 346–347, 359, 366, 370, 375, 406, 423, 437–438, 486, 489, 492–493, 495, 508, 511, 537–538, 544, 562, 576, 580, 595, 624, 632, 650, 652, 690, 701, 714, 722, 727–728, 738–739, 763, 772, 794, 799, 802, 804–805, 813–814, 818, 854, 873, 876–877, 898, 921–922, 928, 940–941, 945, 948–949, 981, 995, 999, 1002, 1017, 1033, 1036, 1068, 1070, 1088, 1095, 1097–1099, 1104–1105, 1137, 1143, 1148, 1156–1157, 1159–1160, 1170–1173, 1186, 1188, 1192, 1195–1196, 1212, 1218, 1220, 1233, 1250, 1259, 1275, 1296, 1311, 1314, 1321, 1325, 1331, 1340, 1351, 1356, 1389, 1391, 1394, 1413, 1420, 1435, 1445, 1458, 1464, 1481, 1510, 1519, 1529–1531, 1544, 1549–1550, 1578–1579, 1584, 1587, 1598–1599, 1604, 1608–1610, 1659, 1663, 1671, 1674, 1681, 1690, 1694, 1705, 1715, 1755, 1760, 1767, 1770, 1792, 1879, 1887, 1892, 1903, 1916, 1924, 1931, 1935–1936, 1938–1939, 1943, 1949, 1955, 1957, 1971, 1975, 2004, 2006, 2019, 2030, 2033, 2060, 2068, 2086, 2092, 2128, 2134, 2138, 2141, 2144, 2149, 2153, 2160, 2164–2165, 2191, 2198, 2200, 2204, 2214, 2239, 2245–2246, 2251, 2272, 2283–2284, 2293, 2302, 2334, 2344, 2354, 2368, 2375, 2383, 2410, 2418, 2422, 2426–2427, 2436–2437, 2440, 2459–2460, 2473, 2478, 2482–2483, 2485, 2492, 2495–2496, 2560, 2573, 2593, 2603, 2627, 2644, 2651, 2677, 2682, 2686, 2688, 2710, 2719, 2724, 2749, 2751, 2757, 2772–2773, 2785–2786, 2805–2806, 2816–2817, 2853–2854, 2867, 2903, 2924–2925, 2929, 2952, 2960–2961, 2967–2968, 2980–2981, 2987–2989, 3001–3002, 3020, 3023–3025, 3027–3028, 3032, 3036, 3046, 3052–3053, 3058, 3074–3075, 3079, 3081, 3126, 3148, 3165, 3171, 3178, 3205, 3215, 3223, 3232, 3248, 3256–3257, 3262, 3265, 3267, 3273, 3307–3308, 3316, 3319, 3322, 3329,

3364–3365, 3368, 3379, 3381, 3411–3412, 3426–3427, 3439, 3444, 3446, 3450, 3492–3493, 3519, 3521–3522, 3560, 3568–3569, 3571, 3590, 3594, 3600, 3616, 3621–3622, 3635, 3637–3638, 3653, 3655, 3661, 3663, 3670, 3683, 3708, 3743, 3745, 3762, 3773, 3776, 3806, 3823, 3825, 3831, 3854, 3871, 3876, 3886–3887, 3908, 3910, 3913, 3919, 3925, 3941, 3956, 3986, 3994, 4001, 4010, 4026–4027, 4031, 4094, 4107–4108, 4112, 4121–4122, 4141, 4145, 4154, 4157, 4176, 4207, 4226, 4228, 4240–4241, 4248, 4264, 4273, 4276, 4279, 4288, 4302, 4308, 4311, 4319, 4349, 4352–4353, 4359, 4370, 4379, 4386, 4394, 4399, 4401–4404, 4412–4414, 4418, 4423–4424, 4427, 4432, 4439, 4441, 4448, 4486–4488, 4494, 4512, 4530, 4539, 4542, 4545, 4554, 4557, 4560, 4562, 4578, 4583–4584, 4587, 4635–4636, 4638–4639, 4649, 4653, 4655, 4661, 4690, 4696, 4703, 4737, 4743, 4758, 4763, 4768, 4771, 4775, 4784, 4788, 4811, 4827, 4833, 4839, 4845, 4879, 4884, 4889, 4904–4905, 4907–4908, 4917, 4924, 4941, 4954, 4978, 4982, 4987, 5003, 5055, 5079, 5082, 5085–5086, 5096, 5105, 5122, 5139, 5149, 5175, 5198, 5213, 5218, 5228, 5235–5236, 5247, 5251, 5267, 5292, 5296, 5299, 5308, 5316, 5321, 5323, 5326, 5333–5334, 5336–5338, 5355, 5368, 5375, 5384, 5387–5388, 5403, 5410, 5425–5426, 5433, 5442, 5451, 5461, 5467, 5471, 5473, 5485, 5518, 5526, 5542, 5558, 5563, 5570, 5572, 5581–5583, 5612–5613, 5627, 5629, 5635–5636, 5647–5648, 5665, 5669, 5699–5700, 5723–5724, 5732, 5747, 5749, 5752, 5770, 5779, 5785–5786, 5793, 5805, 5813, 5826, 5829, 5862, 5880–5881, 5890, 5900, 5918, 5924, 5935, 5968, 5975–5976, 5981, 5991, 5999, 6056, 6063, 6076, 6078, 6092, 6116, 6118, 6121, 6128, 6130–6131, 6150, 6161, 6170, 6177, 6184, 6200–6201, 6231, 6234, 6237, 6249, 6258, 6260, 6264, 6267, 6277, 6299, 6306, 6335, 6349, 6351, 6355, 6361, 6373, 6407, 6426–6427, 6435, 6454, 6459–6460, 6468, 6483, 6488–6489, 6509–6510, 6514, 6517, 6533, 6539, 6541–6542, 6547, 6557, 6571, 6575, 6587, 6600–6601, 6606, 6636, 6646, 6655, 6659, 6669–6670, 6672–6674, 6687, 6690, 6720, 6742, 6750–6751, 6758, 6777, 6783, 6785, 6789, 6793–6794, 6798–6799, 6803, 6831, 6845, 6848, 6863, 6865, 6871, 6900, 6904, 6907, 6909, 6912, 6926–6927, 6935–6937, 6939, 6941, 6951, 6961, 6988–6989, 7009, 7011, 7050, 7072, 7077, 7101, 7136, 7149, 7152, 7186, 7237, 7242, 7265, 7267–7268, 7274, 7289, 7311–7312, 7341–7342, 7345, 7358, 7361–7362, 7364, 7379, 7394–7395, 7403, 7405, 7410, 7430–7432, 7452, 7455, 7457, 7460, 7470, 7473–7474, 7476, 7488, 7490, 7510, 7545, 7555, 7569, 7590, 7597, 7632, 7638, 7656, 7660, 7680, 7684, 7694–7695, 7700, 7728, 7742, 7744–7745, 7769, 7772, 7794, 7796, 7801, 7806, 7810–7811, 7820, 7826, 7832, 7856, 7860, 7888, 7890, 7895, 7899, 7904–7905, 7908–7909, 7915, 7957, 7966, 7970–7971, 7977, 7988, 8007, 8022–8023, 8032, 8041, 8058, 8060–8061, 8082–8083, 8091, 8102, 8109–8110, 8119, 8136, 8150, 8182, 8217–8218, 8220, 8227, 8235, 8262, 8282–8283, 8304, 8322, 8338–8339, 8358, 8360, 8389, 8400, 8418, 8431, 8433, 8446, 8448, 8451, 8458, 8480–8481, 8484, 8486, 8490, 8495, 8513, 8521–8522, 8524, 8541, 8552, 8554, 8572–8573, 8580, 8603, 8606–8607, 8639, 8658–8659, 8668, 8693, 8696, 8701, 8708, 8733, 8748, 8755, 8761–8762, 8768, 8782, 8796, 8808–8810, 8820, 8840, 8842, 8854, 8864, 8866, 8873, 8880, 8882, 8884–8885, 8891, 8897, 8914–8915, 8920, 8925–8926, 8929, 8952, 8971, 8993, 9023, 9025, 9032–9033, 9043–9044, 9049–9050, 9052, 9057, 9074, 9077, 9080, 9085, 9093, 9098, 9101, 9103, 9107–9108, 9118, 9138–9139, 9154, 9160, 9176–9177, 9191, 9217, 9240, 9249–9250, 9267, 9269, 9281, 9286, 9289–9290, 9292, 9299, 9308, 9313, 9318, 9340, 9361, 9387, 9390, 9394, 9407, 9417, 9425, 9430–9431, 9443, 9449, 9461, 9463, 9470–9472, 9474, 9481, 9490–9492, 9499–9500, 9503, 9514, 9520, 9522–9523, 9542, 9556, 9582, 9622, 9647–9648, 9654, 9658, 9674, 9686–9687, 9696, 9701, 9703, 9707–9708, 9710, 9715, 9732, 9742–9744, 9748, 9779, 9787, 9793, 9813, 9823, 9837, 9839, 9878, 9883–9884, 9893, 9904, 9906, 9910, 9912, 9916, 9930, 9935–9936, 9954, 9956, 9971, 9998, 10000, 10010, 10014–10016, 10029–10030, 10032, 10045–10046, 10050, 10057, 10063, 10076, 10079–10080, 10084, 10089, 10108–10109, 10113, 10115, 10117–10119, 10123–10125, 10127, 10134–10135, 10137, 10143, 10145, 10147, 10152–10154, 10158, 10168, 10193, 10209, 10224, 10229–10230, 10244, 10249, 10266, 10286, 10294, 10296, 10348, 10357

TRYPSIN INHIBITOR, BOWMAN-BIRK SOYBEAN: 862, 4085, 6053, 6760–6761

TRYPSIN INHIBITOR, KAZAL PANCREATIC: 558, 2318, 5891–5892, 6690, 6761, 7690, 9268, 9995

TRYPSIN INHIBITOR, KUNITZ SOYBEAN: 862, 4026, 4085, 5268, 6761, 7431–7432, 8148, 8358, 9849, 10147

TRYPSIN INHIBITORS: 366, 558, 622, 661, 697–698, 800, 811, 822, 858–863, 940, 949, 999, 1016–1017, 1042, 1256, 1321, 1413, 1416, 1472, 1528, 1546, 1760, 1824–1826, 1830, 1924, 1956, 2144, 2318–2319, 2498, 2522, 2649, 2772, 2828, 2848, 2863, 2904, 3028, 3198, 3254, 3361, 3374, 3477, 3566, 3593, 3653, 3655, 3688, 3898–3900, 3925, 3991–3992, 4009, 4026, 4061, 4085, 4094, 4110, 4121, 4294, 4432, 4749, 4788, 4941, 5054, 5076, 5187, 5219, 5268, 5281, 5348, 5375, 5406, 5452, 5548, 5771, 5785, 5796, 5862, 5881, 5891–5892, 6084, 6218, 6228, 6305, 6329, 6372, 6405, 6461, 6533, 6690, 6761, 6807, 6809, 6813, 6898, 6926, 6961, 7025, 7027, 7394, 7396, 7431–7432, 7473, 7587, 7690, 7791, 7871, 8074–8076, 8083, 8087, 8099–8100, 8148, 8150, 8189, 8236, 8390, 8446, 8599, 8618, 8641, 8693, 8723, 8781, 8807, 8810, 8873, 8882–8884, 8900, 8902–8903, 8939, 9003, 9018, 9044, 9081–9082, 9115, 9119, 9126, 9139, 9222, 9268, 9470, 9472, 9544, 9581, 9654, 9754, 9759, 9765–9766, 9788–9789, 9849, 9995, 10032, 10040, 10055, 10063, 10103, 10147, 10159, 10181, 10276, 10283

TRYPSINOGEN: 139, 192, 210, 941–942, 1517, 2488, 2573, 3171, 3879, 3916, 4924, 4951, 5273, 5337, 7597, 7644–7645, 7789–7790, 7860, 8771, 8873, 9025, 9190, 9687

TRYPTAMINES: 778, 2588, 3959, 4982, 6449–6450, 8479, 9417, 9695

TRYPTOPHAN: 153–154, 596, 1510, 2004–2005, 2394, 3594, 3637, 3891, 3893, 4092, 4484, 4835, 5778, 6137, 6305, 6356, 7902, 7933, 8004, 8148, 8194, 8479, 8829, 9367, 9402, 10013, 10118, 10168

TRYPTOPHAN HYDROXYLASE: 3594, 6356

TRYPTOPHAN SYNTHETASE: 3919

TRYPTOPHANASE: 7452

TSETSE FLIES: 3261–3262

TUBE FEEDING: 762, 6609

TUBERCIDIN: 7634

TUBERCULIN: 810, 921, 3126, 3314, 6688, 7013, 8937, 9048

TUBERCULIN TEST: 4306, 7331, 7979

TUBERCULOMA: 3507

TUBERCULOSIS: 7889, 10256

TUBERCULOSIS, BOVINE: 10288

TUBERCULOSIS, CUTANEOUS: 8625

TUBERCULOSIS, GASTROINTESTINAL: 3209

TUBERCULOSIS, HEPATIC: 8364

TUBERCULOSIS, LYMPH NODE: 3642

TUBERCULOSIS, MALE GENITAL: 791

TUBERCULOSIS, MILIARY: 1677, 10315

TUBERCULOSIS, PULMONARY: 260, 788, 956, 1601, 2310, 2494, 3129, 3507, 4479, 5830, 7423, 7780, 8198, 8309, 10319

TUBERCULOSIS, RENAL: 3918

TUBERCULOSIS VACCINES: 5694

TUBEROUS SCLEROSIS: 550, 962, 1676, 4613–4614, 5304, 6041, 6235, 7847, 9740, 10171–10172

TUBOCURARINE: 1167, 2906

TUBULIN: 1310, 1455, 1657, 1823, 2771, 2867, 4124, 4126, 5451, 7231, 9839

TUFTSIN: 8708, 10152

TUMOR VIRUS INFECTIONS: 6703

TUNGSTEN: 8579

TURBIDIMETRY: 197, 399, 1384, 2468, 7048, 7065, 8394, 8397, 9736

TURBINATES: 8350

TURKEYS: 5091

TURNER'S SYNDROME: 1911, 6565, 9006

TURPENTINE: 3267, 5117, 7481, 7912

TWINS: 9184

TWINS, DIZYGOTIC: 365

TWINS, MONOZYGOTIC: 365

TYPHOID: 641, 3077, 4829

TYPHOID-PARATYPHOID VACCINES: 5620

TYRAMINE: 2385, 2588, 3182, 3959, 5344, 6449, 7902

TYROSINASE: 1496, 4560, 6542, 6672

TYROSINE: 153–154, 412, 1017, 2677, 3420, 3822, 4163, 4265, 4319, 4584, 4877, 5814, 5891–5892, 6078, 6096, 7361, 7609, 7933, 7966, 8109, 8829, 8839, 8945, 9723, 10229

TYROSINE AMINOTRANSFERASE: 1817, 4866, 6101, 6230

TYROSINE HYDROXYLASE: 3909, 8823

U

UBIQUINONE: 3478, 3934, 8531

UDDER: 3053, 7083

UDP GLUCURONOSYLTRANSFERASE: 96, 5152, 7011, 9971

ULCER: 2576, 6436

ULNA: 2591, 8108

ULNAR NERVE: 2591, 6648, 8863

ULTRACENTRIFUGATION: 96, 104, 420, 2293, 2792, 2858, 3267, 4164, 4512, 4578, 4800–4801, 4917, 5221, 5553, 5561, 5936, 6113, 6528, 8181, 8415, 9117, 9136, 9713, 10000, 10012, 10060, 10184

ULTRAFILTRATION: 581, 596, 3316, 4423, 5276, 6610, 6717, 6807, 7127, 7708, 7810, 9891

ULTRASONIC THERAPY: 892, 5744, 9322, 9778, 9885, 9973

ULTRASONICS: 317, 528–531, 586, 801, 835, 1087, 1186,

1269, 1388, 1704, 1820, 1834, 1881, 1997, 2235, 2286, 2358, 2592, 2636, 2717, 2936, 3260, 3324, 3584, 3749, 3881, 3906, 3951, 4278, 4283, 4324–4325, 4368, 4438, 4444, 4458, 4465, 4997, 5288–5289, 5354, 5481, 6015, 6614, 6724, 7022, 7125, 7294, 7353, 7469, 7598, 8186, 8207, 8355, 8420, 8677, 8683, 8855–8857, 8859, 9062, 9123, 9276, 9506, 9729, 9740, 9859, 9885, 9973–9975, 10146
ULTRAVIOLET RAYS: 339–340, 559, 1351, 1444, 1471, 2115, 2293, 2375, 3641, 3659, 4160, 4365, 5359, 5468, 5524, 6259, 6799, 7122, 7411, 8094–8095, 8322, 9384, 10022, 10248
ULTRAVIOLET THERAPY: 635, 2666–2667, 4952, 5192, 6890, 6901, 7016
UMBELLIFERONES: 9114
UMBILICAL ARTERIES: 2708, 4230, 4643, 9388, 9421
UMBILICAL CORD: 2693, 3960, 4560, 5654, 6097, 8388, 9421
UMBILICAL HERNIA: 6958
UMBILICAL VEINS: 1735, 2708, 3178, 5073, 5631, 6037, 6295, 8048, 8872, 9001, 9421
UNCONSCIOUSNESS: 23, 5408, 5722
UNCOUPLING AGENTS: 4894, 6115
UNITED STATES FOOD AND DRUG ADMINISTRATION: 2723
UNITED STATES NATIONAL INSTITUTES OF HEALTH: 10344
UNIVERSITY HOSPITALS: 461, 1837, 6239
URACHUS: 4847
URACIL: 1362, 3412
URACIL MUSTARD: 933
URACIL NUCLEOTIDES: 2533, 3053, 7842, 8568
URANIUM: 4024, 8908
URANYL NITRATE: 683
URBAN POPULATION: 6737
UREA: 39, 485, 683, 1185, 1305, 1755, 1825, 2007, 2205, 2340, 2368, 2388, 2903, 3444, 3462, 4632, 4696, 4914, 5408, 5612, 5810, 5893, 5998, 6071, 6171, 6426, 6597, 6636, 6729, 6785, 6946, 7256, 7606, 7832, 7959, 8270, 8429, 8529, 8619, 8624, 9353, 9994, 10001, 10057, 10108
UREASE: 101, 2048, 6071
UREMIA: 219, 1122, 1355, 2328, 2391, 2941, 3111, 3442, 3567, 3756, 3899–3900, 4032, 4087, 4645, 4828, 4851, 4936, 5022, 6762, 6836, 6908, 7119, 7256, 7375, 7390, 7511, 8185, 8492, 8551, 8852, 9566, 9747, 10001
URETER: 379, 2400, 7132, 9623
URETERAL CALCULI: 9123
URETERAL DISEASES: 7425, 9475
URETERAL NEOPLASMS: 4769, 6984, 10252
URETERAL OBSTRUCTION: 379, 902, 2687, 2718, 4568, 5517, 7674, 7991, 8620, 9062, 9123, 9475
URETEROCELE: 4847
URETHRA: 483, 4118, 7132, 8525, 9691, 9722, 10337
URETHRAL NEOPLASMS: 5861
URETHRAL STRICTURE: 4847, 10337
URIC ACID: 130, 564, 1607, 1764, 2504, 3506, 3903, 4945, 7235, 7258, 8565, 8847, 8892, 9140, 9478, 9635, 10001
URIDINE: 1088, 1481, 3053, 5758, 6602, 9793
URIDINE DIPHOSPHATE N-ACETYLGALACTOSAMINE: 9458
URIDINE DIPHOSPHATE N-ACETYLGLUCOSAMINE: 3854, 5568
URIDINE DIPHOSPHATE GALACTOSE: 372, 3053, 9458
URIDINE DIPHOSPHATE GLUCOSE: 2053, 3053, 7014, 8609
URIDINE DIPHOSPHATE GLUCOSE EPIMERASE: 3053
URINARY CALCULI: 5269, 8233
URINARY CATHETERIZATION: 84, 7132, 10337
URINARY DIVERSION: 7132, 7674
URINARY FISTULA: 8154, 8620, 9475
URINARY INCONTINENCE: 2315, 3303, 6142
URINARY TRACT: 7132
URINARY TRACT INFECTIONS: 217, 902, 3337, 4553, 6469, 7605, 9123, 9325
URINATION: 4704
URINATION DISORDERS: 6641
URINE: 3107, 3903, 4618, 4893, 6183, 6779, 8154, 8964, 9891
UROBILINOGEN: 1087, 8834
UROGASTRONE: 3379
UROGENITAL SYSTEM: 4847
UROGRAPHY: 407, 677, 5304, 7132, 8620, 9062, 10319, 10337
UROKINASE: 2, 9, 221, 226, 266, 354, 403, 525, 671, 692, 776, 878, 1591, 1612–1613, 1655, 1675, 1708, 2095, 2330, 2477, 2760, 2827, 2917, 2931, 2935, 3066–3067, 3419, 3495, 3512, 3673, 3739, 3859, 3885, 3971, 4067, 4134, 4180, 4273, 4475, 4517, 4575, 4608, 4653, 4680, 4746, 4991, 5011, 5310, 5907, 5939, 5941, 5956, 6001–6003, 6238, 6269, 6334, 6338, 6341, 6432, 6502, 6635, 6637, 6690, 6865, 6926, 7335, 7835, 8271, 8369, 8635–8636, 8941, 8980, 9013, 9065, 9070, 9162, 9211, 9271, 9321, 9323–9324, 9435, 9602, 9634, 9714, 9867, 10138, 10242, 10286
UROLOGIC DISEASES: 2380, 3390, 4847, 7424, 7577, 8261, 9123, 9173
URONIC ACIDS: 362, 3967, 5221, 5472, 5486, 6891, 8443
UROPORPHYRINOGEN I SYNTHASE: 8210
URTICARIA: 23, 400, 2672, 6155, 6389, 7010, 7866, 8680, 9801
UTERINE CONTRACTION: 1180, 1858, 4153, 5953, 8875, 9027, 9536
UTERINE DISEASES: 358, 1707, 8507, 8875, 9123
UTERINE HEMORRHAGE: 109, 801, 2537, 2575, 3152, 4741, 6154, 6743, 7056, 7337, 8709, 8875, 9236, 9440, 9975
UTERINE INERTIA: 8401
UTERINE NEOPLASMS: 402, 634, 801, 1080, 1288, 2110, 2768, 2815, 2863, 3044, 3642, 4197, 5270, 5566, 5667, 8156, 8303, 8669, 9335, 9440, 10195
UTERINE PROLAPSE: 2315
UTERINE RUPTURE: 3832, 4043, 4741
UTEROGLOBIN: 655
UTERUS: 987, 1435, 1682, 1685, 2975, 3023, 4675, 4739, 5078, 5306, 5714, 7067, 7401, 7418, 8262, 8622, 8679, 9077, 9151, 9316, 9536, 10031–10032, 10077, 10195, 10226, 10291
UVEAL DISEASES: 4234, 4616, 4967, 7120, 8420, 8677, 10052
UVEITIS: 1402, 6233, 6991

V

VACCINATION: 2384, 3958
VACCINES: 4829, 7537, 10393
VACCINIA: 2496
VACCINIA VIRUS: 2496, 5880, 7265, 8804, 9076, 10050
VACUOLES: 964, 1895, 2574, 3680, 4343, 7804, 7975, 8277, 9712, 9844
VACUUM CURETTAGE: 4675
VACUUM EXTRACTION, OBSTETRICAL: 3349, 9980
VAGINA: 24, 3044, 6293, 9401, 9623
VAGINAL NEOPLASMS: 402, 2119
VAGINITIS: 3337, 8303
VAGOTOMY: 2490, 2536, 3558, 3773, 4120, 4407, 5699, 7811, 7902
VAGUS NERVE: 1517, 3618, 4166, 7811, 8653
VALERATES: 556, 1477, 1815, 4804, 4975, 6653, 7221, 7489, 8960, 9608, 10004
VALINE: 1425, 2517, 4757, 6330, 8897
VALINOMYCIN: 1108, 5805
VALSALVA'S MANEUVER: 9193
VALYL T RNA SYNTHETASE: 6426
VANADIUM: 399
VANCOMYCIN: 6243
VARIATION (GENETICS): 195, 863, 925, 1152, 1481, 1683, 1721, 3000, 3140, 3801, 3853, 3910, 3913, 4965, 5647, 6936, 7656, 8007, 8220, 9501, 9823, 9965, 10158
VARICELLA-ZOSTER VIRUS: 4419, 8136
VARICOCELE: 2275, 2402
VARICOSE ULCER: 341, 2251, 4601, 7038, 7247, 7363, 8569, 9624, 10377
VARICOSE VEINS: 112, 282, 329, 631, 880, 883, 1039, 1057, 1142, 1303, 1649, 2226, 2635, 2812, 2833, 2933, 2943, 3445–3446, 3459, 3538, 3559, 3749, 3754, 4274, 4520, 4601, 4778, 4783, 4810, 4874, 4959, 5010, 5027, 5077, 5622, 5820, 5909, 6381, 6418–6420, 6423–6424, 6478, 6546, 6965, 7247, 7363, 7365, 7493, 7567, 7631, 8174, 8489, 8569–8570, 8799, 8819, 9012, 9259, 9275, 9464, 9507, 9618, 9855, 10236–10237, 10300, 10353, 10377
VAS DEFERENS: 5013, 7161, 8282
VASCULAR DISEASES: 110, 170, 529, 990, 1024, 1202, 1204, 1301, 1304, 1330, 1588, 1651, 1729, 1739, 1763, 1837–1838, 1844, 1894, 1997, 2081, 2602, 2672, 2812, 2819, 2827, 2897, 2986, 3180, 3204, 3487, 3538, 3632–3633, 3718, 3749, 3869, 3937, 3951, 4069, 4229, 4420, 4569, 5077, 5261, 6049, 6151, 6389, 6418–6419, 6527, 6545, 6559, 6611, 6868, 7006, 7088, 7280, 7352–7353, 7363, 7454, 7494, 7567, 7631, 7897, 8031, 8125, 8184, 8209, 8683, 9165, 9276, 9464, 9801, 9833, 10269, 10341
VASCULAR RESISTANCE: 204, 699, 1295, 2282, 2439, 2953, 3128, 3299, 4052, 4074, 4590, 4876, 6112, 6240, 6677, 7063, 7445, 7763, 7787, 7791, 8124, 8477, 8905, 8957, 9302, 9446, 9733, 9866, 10049, 10174
VASCULAR SURGERY: 443, 1244, 1713–1714, 2291, 3747, 4617, 4948, 5858, 6855, 7115, 7343, 8184, 8229, 8349, 9364, 9451, 9901, 10211
VASECTOMY: 2650, 7960
VASOACTIVE INTESTINAL PEPTIDE: 6386
VASOCONSTRICTOR AGENTS: 569, 1465, 3166, 3867, 6903, 8130, 8506, 9151
VASODILATOR AGENTS: 404–405, 482, 997, 1627, 1932, 2715, 3237, 3512, 3549, 3812, 3852, 4209, 4509, 4586, 4688,

4785, 5364, 5974, 6859, 8130, 8506, 9151, 9526, 9578, 10324
VASOMOTOR SYSTEM: 902, 3518, 3551–3552, 3888, 4360, 5737, 6554, 7083, 7415, 7787, 8125, 8582, 9150, 9866, 9913, 10155
VASOPRESSIN: 3945, 4572, 5446, 5855, 5901, 7949, 10355
VASOTOCIN: 9052
VATER'S AMPULLA: 1886, 7088
VEGETABLE PROTEINS: 438, 999, 4999, 9461
VEGETABLES: 4, 430, 2788, 2904, 6089, 6305, 9461
VEHICLES: 157, 3330
VEINS: 145, 443, 830, 880, 960, 1202, 1244, 1304, 1330, 1804, 1806–1807, 1838, 2051, 2230, 2371, 2433, 2936, 2940, 3057, 3060, 3317, 3330, 3382, 3401, 3405, 3467, 3538, 3586, 3678, 3682, 3726, 3733, 3738–3739, 3749, 3821, 3929, 4510, 4569, 4727, 4850, 4870, 5028, 5077, 5150, 5820, 6069, 6271, 6323, 6342, 6418–6419, 6586, 6609, 6619–6620, 6675, 6744, 6867, 7107, 7115, 7144, 7230, 7363, 7494, 7504, 7631, 7950, 8017, 8316, 8349, 8716, 8815, 8856, 9148, 9506, 9510, 9944, 10269
VENA CAVA, INFERIOR: 170, 282, 677, 777, 929, 1369, 1556, 1603, 2253, 2590, 2638, 2729, 3191, 3375, 3434, 3436–3437, 3631, 3642, 3720, 3904, 3914, 4552, 4727, 4764, 4962, 5078, 5340, 5343, 6094, 6420, 6553, 6675, 6755, 6768, 7115, 7276, 7344, 7349, 7377, 7406, 7426, 7831, 7861, 8015, 8116, 8207, 8326, 8562, 9616–9617, 9741, 10302, 10341
VENA CAVA, SUPERIOR: 2233, 4888, 5017, 5057, 5745, 5951, 6422, 8475, 8772, 9385
VENAE CAVAE: 231, 1289, 3605, 4472, 5078, 5340, 7450, 8514, 8706, 9012, 9429, 10074
VENOMS: 562, 3138, 3571, 3875, 4410, 6596, 9336, 9602, 9924
VENOUS INSUFFICIENCY: 112, 282, 779, 1442, 1485, 1894, 2604, 3034, 3538, 3749, 4778–4779, 4961, 4992, 5028, 5077, 5539, 6419, 6768, 6776, 7165, 7363, 7389, 7838, 8011, 8327, 9624, 10059, 10175, 10237, 10377
VENOUS PRESSURE: 3056–3057, 3658, 3749, 4631, 4912, 5027, 6492, 7567, 7874
VENTILATION-PERFUSION RATIO: 146, 2301, 4397, 4473, 4704, 5491, 5547, 5567, 6311, 6749, 7003, 9089, 9091, 9593–9594, 9597
VENTRICULAR FIBRILLATION: 3004, 7507, 7787, 9241
VENTRICULOGRAPHY, CEREBRAL: 2269, 2944
VERATRUM: 4619
VERTEBRAL ARTERY: 1404, 3775, 6484, 7217, 7462, 8143–8144, 9656, 9915
VERTEBRATE VIRUSES: 162
VERTIGO: 2479
VESICULAR STOMATITIS VIRUS: 3727, 5122, 7405, 7680, 10248
VESTIBULAR APPARATUS: 7584
VIBRATION: 9682
VIBRIO: 9525
VIBRIO CHOLERAE: 2593, 5088, 5145, 6726, 6732, 9541
VIBRIO PARAHAEMOLYTICUS: 8638–8639
VINBLASTINE: 83, 181, 2771, 5032, 6036, 6201, 6659, 7307, 8111, 9658
VINCA ALKALOIDS: 1284
VINCRISTINE: 83, 455, 467, 787, 1320, 1403, 1726, 1882, 3608, 3834, 4224, 4599, 5692, 5973, 6166, 7097, 7627, 9078, 9124, 9951, 9976, 10101, 10186
VINYL CHLORIDE: 3290–3291, 7822, 8133
VINYL COMPOUNDS: 7822, 8133, 9759
VIRAL INTERFERENCE: 5485, 8041, 10248
VIRAL PROTEINS: 714, 772, 1002, 1464, 1659, 1719, 2089, 2138, 2153, 2383, 2418, 2492, 2814, 3316, 3519, 3871, 4169, 4636, 4784, 4988, 5368, 5752, 6249, 6426, 6488–6489, 6750–6751, 6937, 7102, 7536, 7680, 8060, 8362, 8453–8454, 8481, 8804, 8898, 9103, 9154, 9348, 9492, 9939, 10167, 10388
VIRAL VACCINES: 5096, 9494
VIRULENCE: 772, 1566, 6489, 6497, 10388
VIRUS CULTIVATION: 6076, 8136
VIRUS DISEASES: 744, 2478, 2506, 2790, 3705, 3869, 4044, 4621, 5291, 6445, 9730
VIRUS INHIBITORS: 8452
VIRUS REPLICATION: 2089, 3579, 3727, 4169, 4784, 5096, 5468, 5485, 6327, 6750, 7745, 9076, 9954, 10022
VISCEROPTOSIS: 10252
VISCOSITY: 32, 1260, 2057, 2254, 3872, 3941, 4357, 4661, 5190, 5268, 5947, 6528, 6647, 7404, 8308, 8379, 8824, 8948, 9394
VISION: 4168, 7669
VISION DISORDERS: 4901, 8421
VISION TESTS: 7052
VISUAL ACUITY: 1402, 2758, 2986, 7595, 7876
VISUAL CORTEX: 9695
VISUAL FIELDS: 1138, 3549, 6632, 8421
VISUAL PERCEPTION: 3760, 6117
VITAL CAPACITY: 1601, 2474, 5491
VITAMIN A: 233, 609, 2177, 3585, 4168, 5040, 5045–5046, 5372, 6849, 7490, 10179
VITAMIN A DEFICIENCY: 1208, 1638, 4737
VITAMIN B COMPLEX: 5372
VITAMIN B 12: 1998, 2595, 3393, 6849, 7480, 7810, 9686–9687, 9755, 10216
VITAMIN B 12 DEFICIENCY: 1638, 1846, 9290
VITAMIN D: 1306, 1961, 2177, 3585, 3798, 4168, 4988, 6849, 7480, 7606
VITAMIN D DEFICIENCY: 1208, 1638, 2802, 5151, 10179
VITAMIN E: 2, 832–833, 1912, 1998, 2177, 3585, 3800, 4168, 4219, 4303, 5151, 5372, 5714, 6014, 6238, 7480, 7908, 9609, 9922, 10179
VITAMIN E DEFICIENCY: 832–833, 1208, 1912, 2711, 5703, 6115, 9132
VITAMIN K: 37, 254, 287, 291, 316, 373, 523, 667, 707, 819, 872, 903, 963, 1230, 1241, 1318, 1361–1362, 1373, 1452, 1789, 1875, 1912, 1919, 1998, 2043, 2115, 2177, 2363, 2411, 2428, 2500, 2584, 2810–2811, 2843, 2932, 2935, 3085, 3186, 3206, 3315, 3340, 3418, 3478, 3510, 3585, 3641, 3699, 3811, 3848, 3889, 3932–3934, 4006, 4168, 4221, 4303, 4371, 4381, 4393, 4474, 4569, 4673, 4774, 4814, 4871–4872, 5036, 5070, 5240, 5370, 5372, 5600, 5842, 5845, 5950, 6014, 6257, 6327, 6428, 6438, 6717, 6805, 6849, 7142, 7321, 7480, 7519, 7564, 7659, 7702, 7765, 8039, 8199, 8245, 8366–8367, 8794–8795, 8968–8970, 9014, 9174–9175, 9384, 9460, 9525, 9590, 9603, 9611–9612, 9627, 9645, 9769, 9817, 9860, 9980, 10106–10107, 10289, 10361
VITAMIN K DEFICIENCY: 254, 1082, 1208, 1638, 1912, 2362, 2500, 2783, 2810, 3155, 3341, 3800, 3847, 4006, 4069, 4381–4382, 5418, 5600, 5954, 6014, 6115, 6412, 7702, 8245, 8367, 8437, 8794, 8968, 9513, 9590, 10140, 10179, 10361
VITAMINS: 107, 482, 568, 892, 1638, 1778, 2177, 3228, 4096, 4830, 6849, 7062, 7480, 8645, 9802
VITELLINE MEMBRANE: 1425, 3864, 5522, 6063, 6128
VITELLOGENIN: 7101
VITILIGO: 252, 1496, 7016, 8238
VITREOUS BODY: 773, 1704, 3818
VM 26: 7709
VOCAL CORD PARALYSIS: 6436, 7643
VOCAL CORDS: 5650
VOCATIONAL EDUCATION: 2180
VOCATIONAL GUIDANCE: 4077
VOLES: 2284
VOLKMANN'S CONTRACTURE: 5171
VOMITING: 1473, 4538, 5570, 6665, 9344, 9994
VON WILLEBRAND FACTOR: 425, 477, 717, 908, 987–988, 1066, 1174, 1249, 1348, 1728, 2071, 2242, 2861, 2884, 3336, 3347, 3624, 3724, 3853, 3938, 4304, 4316, 4375, 4592–4593, 4935, 5773, 6135, 6195, 6479–6481, 6610, 6850, 7162, 7392, 7561, 8642, 8816, 8934, 8997, 9253, 9873, 10294, 10317–10318
VON WILLEBRAND'S DISEASE: 10, 87, 114, 173, 195, 602, 904, 908, 925, 964, 1046, 1066, 1174–1175, 1179, 1237, 1249, 1348, 1366, 1379, 1438, 1454, 1536–1537, 1911, 2029, 2353, 2407, 2409, 2905, 2990, 3136, 3313, 3336, 3356, 3358–3359, 3407, 3724, 3753, 3853, 3938, 4004, 4159, 4191, 4251, 4304, 4375, 4411, 4445, 4706, 4994, 5039, 5418, 5429, 5432, 5689, 5744, 5825, 5851, 5855, 6135, 6192–6193, 6195, 6215, 6243, 6481, 6558, 6633, 6662, 6850, 6928, 7068–7069, 7318, 7501, 8051, 8551, 8608, 8726, 8816, 8867, 8934–8935, 9559, 9762, 9833, 9873, 10231, 10317–10318, 10320, 10345, 10355
VP 16-213: 1221, 9951
VULVAR DISEASES: 5622
VULVAR NEOPLASMS: 1414, 2119, 6984, 10239

W

WAITING LISTS: 2778
WARFARIN: 5, 414, 416, 434, 436, 466, 510, 523, 540, 625, 683, 836, 889, 993, 1101, 1194, 1239, 1271, 1411, 1495, 1712, 1717, 1839, 1896, 1972, 1999, 2121, 2124, 2197, 2203, 2428, 2487, 2500, 2502, 2555–2556, 2584, 2640, 2683, 2809, 3096, 3110, 3166, 3290–3291, 3309, 3311, 3315, 3341, 3350–3352, 3354, 3395, 3510, 3604, 3647, 3714, 3763, 3837, 3955, 3978, 4042, 4253, 4310, 4336, 4425, 4597, 4609, 4814, 4973, 5159, 5248, 5399, 5466, 5621, 5748, 5776, 5949, 6099, 6186, 6219, 6343, 6378, 6658, 6740, 6762, 6782, 6888–6889, 7080, 7172, 7175, 7269–7271, 7298, 7355–7356, 7397, 7458, 7521, 7529, 7681, 7717, 7733, 7788, 7802, 7884, 7903, 7907, 7934, 7939, 8039, 8259, 8295, 8305, 8381, 8387, 8577–8578, 8596, 8626, 8669, 8970, 9086, 9198, 9202, 9230, 9300, 9358, 9373, 9460, 9476, 9524, 9756, 9803, 9909, 9965–9966, 10053–10054, 10092–10097, 10295, 10370
WARTS: 504, 4233, 4621
WASPS: 4410
WATER: 39, 2651, 3169–3170, 4218, 4443, 4473, 4695, 4849, 4914, 5015, 5382, 6042, 6107, 6128, 6232, 6520, 6567, 6989, 8137, 8226, 8735, 8948, 9560, 9611, 9802, 9817
WATER-ELECTROLYTE BALANCE: 2432, 2481, 2706,

2953, 4366, 4540, 5523, 5864, 5974, 6609, 7119, 7793, 8291, 8492, 8506, 8760, 8798, 9730
WATER-ELECTROLYTE IMBALANCE: 488, 1029, 2481, 3536, 5291, 6410, 6618, 7861, 9016
WATER MICROBIOLOGY: 5541
WATERHOUSE-FRIDERICHSEN SYNDROME: 1874, 6835, 9862
WAXES: 3450
WEANING: 156, 2797, 8248
WEATHER: 6045
WEGENER'S GRANULOMATOSIS: 2208, 5407
WEIL'S DISEASE: 8491
WERNICKE'S ENCEPHALOPATHY: 2028
WEST NILE VIRUS: 5371
WHALES: 2033, 5326, 6490, 6988, 7900
WHEAT: 588, 3016, 3100, 4999, 5308, 5368, 5635, 5780, 8405, 9544
WHIPLASH INJURIES: 4015, 8144
WHOLE BODY COUNTERS: 1371
WOOD: 8199
WOOL: 3222, 3483, 5581, 9793
WORK: 7792, 8785
WORK CAPACITY EVALUATION: 14
WORLD HEALTH ORGANIZATION: 7828, 8547, 10384, 10393
WOUND HEALING: 15, 256, 572, 687, 702, 710, 731, 1253, 1402, 1417, 1880, 2251, 2667, 2674, 2902, 2996, 3086, 3106, 3111, 3360, 3412-3413, 3481, 3555, 3587, 3710, 3918, 3973, 4017, 4470, 4676, 4738, 4857-4858, 5372, 5529, 5597, 6318, 6328, 6387, 6539, 6791, 6871, 6968, 7301, 7400, 7449, 7560, 7968, 8101, 8170, 8177, 8216, 8232, 8492, 8878, 9185, 9962, 10377
WOUND INFECTION: 215, 764, 1313, 1417, 1667, 2084, 3106, 3325, 4321, 4676, 5105, 5372, 5523, 5797, 6417, 7587, 8228
WOUNDS AND INJURIES: 57, 155, 256, 384, 568, 901, 990, 1161, 1596, 1667, 1778, 1880, 2064, 2470, 2623, 2635, 3009, 3103, 3107, 3180, 4203, 4312, 4348, 4513, 4710, 4897, 5372, 5955-5956, 6348, 6388, 7004, 7033, 8104, 8274, 8345, 9141, 9722, 10048
WOUNDS, GUNSHOT: 5529, 7194, 8393, 9000
WOUNDS, NONPENETRATING: 392, 616, 1182, 2547, 3251, 4195, 4457, 6019, 6864, 7403, 8025, 8740, 9552, 9589, 9993, 10051, 10337
WOUNDS, PENETRATING: 2659, 3325, 4457, 7403, 10337
WOUNDS, STAB: 1699
WRIST: 2572, 2591, 3194, 4881, 6648, 6962, 9061, 10179
WRIST JOINT: 2778

X

X-RAY DIFFRACTION: 202, 314, 361-362, 412, 866, 941-942, 2651, 2888, 2988-2989, 3916, 4024-4025, 4031, 4085, 4924, 5076, 5663, 5793, 5881, 8721, 8873, 8908
X-RAYS: 340, 1011, 1486, 2731, 3575, 4966, 8238, 9555
XANTHINE OXIDASE: 373, 3601, 5793, 9282
XANTHINES: 1767, 2131, 3601, 4262, 4624
XANTHINOL NIACINATE: 3323, 3452-3453, 3810, 8284
XANTHOMATOSIS: 2554, 7503, 10201
XENON: 4779
XENON RADIOISOTOPES: 834, 955, 1670, 3766, 5547, 5567, 9089, 9091
XENOPUS: 2068, 3477, 3743, 5554, 7101, 9542
XERODERMA PIGMENTOSUM: 3125
XEROSTOMIA: 1543
X-RAY DIFFRACTION: 2465, 7703, 9701
X-RAYS: 8275
XYLENES: 4720, 6653, 6940, 7489, 9608
XYLOSE: 1691, 3910, 5570

Y

YEASTS: 52, 7705
YERSINIA: 4482, 9112
YERSINIA INFECTIONS: 9112
YERSINIA PESTIS: 9707
YOHIMBINE: 3810
YTTRIUM RADIOISOTOPES: 5265

Z

ZINC: 167, 1090, 2651, 2852, 3495, 3613, 4786, 5372, 6100, 6141, 6274, 6767, 7373, 8632, 8668, 9958, 9969, 10127
ZINC OXIDE: 4662
ZINC OXIDE-EUGENOL CEMENT: 4703
ZOLLINGER-ELLISON SYNDROME: 3199, 3209
ZONA PELLUCIDA: 3522, 10040
ZOXAZOLAMINE: 4502
ZYGOTE: 1425, 2068, 2334, 6128
ZYMOSAN: 1133, 1813, 3175, 3792, 5255, 8400

AUTHOR INDEX

A

Aaron CS: 1
Aas K: 2440
Aase S: 6848
Abagian IA: 2
Abaskulieva LI: 7874
Abb J: 3
Abbal M: 987
Abbey BW: 4
Abbott A: 5
Abbott F: 867, 1938–1939
Abbott WM: 6, 443
Abdelal AT: 7
Abdulkadyrov KM: 4534
Abdurashitov RF: 8–9, 1281–1282
Abe C: 3958
Abe E: 10
Abe H: 4706
Abe K: 8296
Abe M: 9027
Abe T: 11, 2859, 3551–3552, 5808, 5952, 10151
Abe Y: 8439
Abel EW: 12
Abeles RH: 9814
Abell CW: 6267
Aber CP: 13
Aberg B: 14
Aberg M: 15–16
Abezgauz NN: 1279, 9317
Abid A: 4155
Abiko Y: 5066
Abildgaard U: 6765–6766, 6910, 9130
Abilov AN: 17
Ablin RJ: 18
Ablow RC: 4552
Abney ER: 1070, 7009
Abood LG: 19
Aboulker P: 9187
Abraham D: 5317
Abrahámová J: 5777
Abrahm J: 20
Abramić P: 21
Abramov ZT: 2186, 8800
Abramovitz AS: 3590
Abrams A: 22
Abramson N: 2399
Abrishami MA: 23, 8221
Abro A: 24
Abu-Shady H: 5588–5589
Abuchowski A: 25
Abudsametova ShR: 26
Abulafia J: 10072
Aburahma AF: 27
Aburano T: 28
Abyshev AZ: 29
Abyshev DZ: 29
Acar J: 30–31, 1358
Accorrà F: 878
Acers TE: 586
Acharya AS: 32–33
Ache HJ: 4303
Acher R: 1529–1531
Ackermann E: 34
Ackermann K: 35, 3343
Ackroyd CE: 36
Acosta JM: 7088
Acott TS: 3212
Acquavia A: 9589
Acuña R: 37
Adachi K: 38, 9443
Adadullina ZZ: 39
Adam BA: 9921
Adam G: 8105
Adám K: 4174
Adamczyk A: 40
Adamietz P: 41
Adamkin DH: 42
Adamo A: 1037
Adamowicz P: 772
Adams DG: 45
Adams PA: 43
Adams RF: 44
Adams WB: 632
Adams WH: 45, 8933
Adamson JW: 46
Adamson RH: 47
Adapoe C: 4560
Adar A: 2947
Adar R: 4186, 9735
Adashi E: 48
Addeo F: 6095
Addlestone RB: 8843
Adelman LS: 4543
Adelstein RS: 49
Adesso G: 7240
Adey FD: 2544
Adham NF: 8668
Adil'shina ShK: 7910
Adjangba MS: 50
Adjepon-Yamoah KK: 2739
Adkins WY: 7421
Adler F: 7720
Adler U: 7948
Adolf AM: 9989
Adolphs HD: 51
Adrian J: 52
Adrogue HJ: 53
Adye JC: 54
Aehnelt C: 6161
Afanas'eva LN: 4140
Afanas'eva TI: 952
Afanas'eva VS: 6977
Afeltra A: 2946
Afinogenov GE: 194
Afting EG: 55
Agababova ER: 2639
Agaev BA: 56
Agafonova AI: 57
Agam G: 58–60, 787
Agarwal GP: 61
Agarwal ML: 646
Agarwal RK: 62
Agatha G: 3285
Agebo M: 1594
Ageta M: 63
Agger WA: 64
Aggett PJ: 65
Agin PP: 7167–7168, 7168, 7170
Agle D: 66
Agnelli G: 6579
Agnusdei D: 2722
Agosti J: 5916
Agostini B: 67
Agostino D: 68–69
Agranenko VA: 70–74, 1279, 2568, 4790, 5037
Agrawal U: 75–76
Agrawal VP: 77
Aguilar N: 1126
Aguirre Gas H: 78
Agundis C: 79
Ah-See AK: 80
Ahearn DG: 7
Ahlberg A: 81, 6661
Ahlin TA: 4310
Ahmad R: 82, 7458
Ahmed AK: 2413
Ahn YS: 83
Ahnefeld FW: 84, 4710
Ahonen A: 85–86
Ahr DJ: 87, 1712
Ahrén C: 3551–3552, 3552
Ahrens M: 1929
Aiach M: 88–89
Aicardi J: 90
Aikawa E: 5990
Ailsby RL: 3083
Ainciburu PM: 7972
Ainley EJ: 91
Ainsworth ME: 1748
Aiouaz A: 2745
Airaghi M: 1743
Aisina RB: 92, 5617
Aisner J: 93–94, 8077–8079
Aita JF: 95
Aitio A: 96
Aiyappa PS: 97–100
Aizawa M: 101
Ajaxon B: 7626
Akagi K: 102
Akagi T: 3018
Akahoshi K: 103
Akaike N: 5299
Akalehiywot T: 104
Akamatsu Y: 2864
Akashi M: 4183
Akatov AK: 105
Akazawa Y: 106
Aken WG: 2936
Akerman M: 2102
Akesson U: 6810, 6813
Akhabadze AF: 107
Akhmetov KZh: 10223
Akhtar M: 7101
Akhtomova LV: 5641
Akhunova AM: 108
Akhverdiev TG: 7874
Akimoto M: 8437
Akimoto R: 6504
Akimova VV: 5647
Akimura OK: 4270
Akiyama T: 2893
Akker LV: 109
Akkerman JW: 2099, 3065, 8591, 8725
Akopian VS: 7301
Akoun G: 110
Akov S: 111
Akramov EKh: 5822
Akšamija B: 7591
Akulova RF: 112
Akutsu T: 113
Al-Mondhiry HA: 114
Al Zaidan A: 2129
Ala F: 4745
Ala-Ketola L: 4457
Alach M: 2633
Alagille D: 6771
Alagni G: 7196
Alais C: 5572
Alario A: 6901
Alaupovic P: 2949
Alavi A: 2194
Albala MM: 8511
Albano J: 115
Albers DD: 3581
Albers J: 6709
Albers JJ: 420
Albers RW: 4302
Albert JP: 1214
Albertazzi M: 1181
Albertini F: 116
Albertini R: 1847, 7749
Albertini RB: 7687
Alberto P: 6055
Alberts AW: 8971
Albrecht R: 9329
Albrecht U: 117
Albrechtsson U: 118
Alcántara R: 3268
Aldegheri R: 119
Aldous W: 2286
Aldridge HE: 9164
Aledort LM: 120–124, 173, 4766
Aleem MI: 2115
Aleksandrova LM: 9098
Aleksandrova LS: 4684
Aleksandrova NP: 8412–8413
Alekseenko LP: 125
Alekseenko ZK: 2323
Alekseev GA: 9264
Alekseev PP: 126
Alekseev UA: 843
Alekseeva NA: 6997
Alemany J: 2376
Alenty A: 6611
Aleshinkova TN: 107
Alevizos B: 3038
Alexa M: 9016
Alexander J: 127
Alexander JA: 5211
Alexander JW: 5670, 9561
Alexander KM: 8610
Alexander M: 9976
Alexander S: 2431
Alexander-Williams J: 4604
Alexandre P: 5200–5201, 6565
Alexanian R: 128
Alexopoulos C: 4867
Alexy M: 235
Alfano C: 1167
Alfano G: 1134
Alfidi RJ: 977
Alford WC: 9178
Alford WC Jr: 129, 8843
Alfore W Jr: 9243
Algan B: 130

Algazy K: 7540–7541
Algazy KM: 5877
Alger M: 197
Alhava EM: 4082
Ali IU: 131
Ali M: 132
Ali N: 6595
Ali SI: 6982
Ali RKh: 5798
Aliaev IuG: 7426
Al'ianaki GF: 6578
Alicandri C: 1774
Aliferova VF: 133
Alivisatos SG: 9417
Alkjaersig N: 4185, 7688
Alkjaersig NK: 134, 2691
Allain D: 407
Allain JP: 135–138, 769–770, 2836, 8867
Allan BJ: 139
Allan JA: 10148
Allan NC: 4388, 5712
Allegro G: 140
Allen A: 8033
Allen BV: 290
Allen C: 6264
Allen DJ: 7551
Allen ED: 141
Allen GJ: 142
Allen JW: 143
Allen WR: 2340
Alling DW: 2762
Allington MJ: 1560
Allison AC: 144
Allouche G: 7017
Alloush S: 8214
Almasio P: 6525
Almazan AM: 3670
Alme B: 7445
Almér LA: 145
Almér LO: 146
Almerekova AA: 147
Almquist HT: 8766
Aloj SM: 2682
Alonso G: 3252
Alonso JP: 2715
Alonso K: 148–149
Alouf JE: 9250
Alper CA: 150
Alpert J: 151, 1141, 2253
Alpert JS: 152, 7535
Alpert JS 3d: 1905
Alquier P: 8163
Altekar W: 153–154
Alterescu R: 5402
Althoff J: 7351
Altieri T: 8506
Altman H: 4657
Altman R: 1126, 10259
Altoff J: 7352
Altshuler JH: 5709
Altszuler N: 2774
Altukhova SN: 9375
Altunian NM: 155
Alumot E: 3620
Alus G: 156
Alván G: 157
Alvarado F: 552, 5864, 7861
Alvarez H: 699
Alvarez VL: 158, 7966, 9289
Alvarez-de la Cadena O: 4109
Alving BM: 159
Alvord LS: 4380
Amano K: 4580
Amano S: 160
Amanullah A: 161
Amar M: 3488
Amaral BW: 162, 1400
Amat L: 163
Amato D: 164
Amato M: 1219
Ambanelli U: 165–168
Ambarova LI: 6269
Amberger H: 3782
Amblard P: 169
Ambos MA: 170
Ambre J: 171
Ambrosch F: 172
Ambrose JA: 173
Ambrosioni G: 174
Ambrus CM: 175–178, 2993
Ambrus JL: 176–179, 2993
Ameer B: 180
Amenta JS: 181–182
Amer MM: 2413
Amer S: 2767
Amery AK: 5456
Amesz H: 9505
Ametov AS: 9540
Amias AG: 183
Amici D: 9121
Amiconi G: 184
Amidi M: 185
Amigues H: 5234
Amiraian K: 2190
Amirov NSh: 186
Amjad H: 5068
Ammann AJ: 187
Ammann R: 188
Ammar Ben Younes M: 2745
Ammerich H: 9495
Amnéus H: 189, 4542
Amodeo C: 9589
Amores R: 4973
Amorosi EL: 190, 4526
Amoroso A: 2946
Amory N: 373
Amos RS: 1644
Amplatz K: 2729
Amr S: 191
Amrani DL: 1542
Amstutz HC: 7907
Amundsen E: 192
Amy RW: 5860
Anana A: 2439
Ananchenko VG: 5641
Anand SK: 1350
Anand SR: 193
Anan'eva EP: 194
Ananthakrishnan R: 195, 2261, 2407
Anatolii SA: 196
Anaya R: 197
Anaya-Galindo R: 198
Andersen BR: 2469
Andersen CA: 1712, 1714
Andersen KJ: 9687
Andersen LA: 199–201, 3296
Andersen MM: 5012
Andersen NH: 202
Andersen P: 203
Anderson AO: 672
Anderson CB: 204
Anderson DR: 205
Anderson ER: 206
Anderson J: 207, 6639, 7685, 8568
Anderson JA: 1649–1650
Anderson JC: 5925
Anderson JH: 208
Anderson JR: 209
Anderson LE: 210
Anderson LS: 586
Anderson ND: 672
Anderson RG: 211
Anderson ST: 2565
Andersson K: 7869
Andersson L: 212
Andersson LO: 213–214, 2394, 2888
Andersson T: 3621
Andes WA: 215, 4443, 8575
Ando A: 4178–4180
Ando T: 6517–6518
Ando Y: 216
Andoljšek D: 21
Andolšek L: 217
Andrade JD: 9747
Andrade M: 2960
András H: 4195
András S: 5150
Andrassy K: 218–219, 2355, 10270
Andrassy T: 219
André A: 1059
André E: 6565
André H: 220
André JM: 4755, 7179
André LJ: 7637
Andreasen F: 2702, 4072–4073
Andreassen T: 3613
Andreassian B: 1127
Andreenko GV: 221–230, 6543, 6976, 6979, 7958, 8801–8802, 9096
Andreenko GV: 231
Andreev SV: 232
Andreev VC: 233, 6155
Andreev VS: 5395
Andreev IuN: 3451
Andreev Zh: 8598
Andreeva NA: 800, 4641
Andreeva NE: 3058
Andreeva NG: 5085
Andreevski A: 7149
Andreicut S: 234
Andréka B: 235
Andreoiu C: 236
Andreoiu CC: 236
Andreu JM: 1420
Andreux JP: 88
Andrew JH: 237
Andrews WC: 238
Andrianova IuI: 8412
Andries R: 7667
Andrievskaia RA: 5620
Andriukin AA: 239
Andriulli A: 6965
Andriutsa VI: 240
Androsova SO: 241
Andrushchenko EV: 1944–1945
Angéla K: 242, 5222
Angeletti P: 7330
Angelico F: 2607
Angelkort B: 243
Angeloni P: 244
Angelova Z: 1272
Anghileri LJ: 245–246
Angiulo JP: 247
Anglhileri LJ: 248
Anguita T: 721, 1893
Angulo P: 249–251
Anikin IA: 8461
Anikin VV: 9675
Anikina TP: 72
Anishchenko VM: 6070
Anna T: 658
Annamalai R: 252
Annamuradov T: 9094
Annesley WH Jr: 8419
Ansay J: 253, 4985
Ansell JE: 254
Anselmi B: 255
Anselmo L: 1008
Anselmo P: 5836
Ansorge S: 957
Ansquer JC: 771
Anstee DJ: 4418
Antalovská Z: 256
Antes G: 3918
Antipova LG: 3058
Antoine J: 5409
Antonenko DR: 9993
Antoniades HN: 257–258
Antonini E: 184
Antonini G: 2231
Antoniw JF: 1694
Antonopoulos M: 8758
Antonopoulou A: 5587, 5835
Antonov DV: 186
Antonova NIu: 8413
Antonowicz I: 259
Antonucci A: 1673
Antonucci M: 621
Antony L: 260
Antoš M: 3391
Antoszewski Z: 261
Anttinen H: 262
Anundi H: 7140
Anuras J: 263
Anwer F: 264
Aogaichi T: 265
Aoki K: 4484
Aoki N: 266, 6334–6336, 6335–6336, 6800, 10162–10163
Aoki Y: 4564
Aosaki M: 267
Aoshima M: 5994
Aoyama H: 9044
Aoyama R: 6494
Aoyama Y: 6818
ap Gwynn I: 268
Aparicio M: 9475

AUTHOR INDEX

Apicella P: 9311
Apiliga MT: 10001
Apitz-Castro R: 269
Apold J: 2440
Apostolou S: 1640
Apostolov BG: 270
Apostolov I: 358
Appel W: 271
Appelbaum A: 4977
Appelgren L: 3517
Appert HE: 9025
Applebaum DM: 272
Applebaum SW: 8599
Appleberg M: 273
Applegate KR: 6709
Appleyard A: 3805
Apte V: 3565
Apuzzio J: 3318
Aquilina M: 6312
Aragno R: 274, 2217
Arago López JV: 7965
Aragon PJ: 275
Aragón de la Cruz G: 6914
Arai H: 276-277
Arai T: 2858
Arai Ki: 6514
Arakawa K: 3883
Araki N: 4706
Aral I: 8024
Aranda E: 278
Aranda JM: 8841
Aranda Torrelio E: 279
Aranenko VA: 280
Arányi P: 281
Arapakis G: 2333
Araslanova MG: 3032
Araten GM: 6015
Aratzanov A: 282
Aravina LA: 283-284, 9432
Arber ES: 8799
Arbit J: 10240
Arbogast B: 285
Arborelius M Jr: 146
Arbus L: 5258
Arbuzov SN: 2698
Arbuzova EI: 286
Arcas R: 163
Archakov AI: 287
Archer DS: 288
Archer GL: 289
Archer M: 290
Archer RK: 290
Arcuri F: 291
Arcus AC: 292
Ardaillou N: 293
Ardelt W: 294-295, 10200
Ardeman S: 2484
Arden SH: 296
Ardlie NG: 4083-4084
Ardon LF: 2687
Arena GC: 7428
Arena R: 6458
Arena V: 2609
Arentsen JJ: 2244
Arevalo-Toledo N: 4109
Arfors KE: 80, 751, 753, 1407
Arganenko LV: 4946
Argue S: 3074
Arias CR: 1434
Arias-Rodriguez M: 297
Arikawa H: 4183
Arikawa M: 7999
Arima K: 9029
Arimori S: 4827
Arimura GK: 10186
Arisi Petrini C: 298
Arky RA: 4820
Arlaud J: 299, 2225
Armani U: 933, 7045
Armbrust FH: 3775
Armenia RJ: 7996
Armeniades CD: 61
Armenta D: 300
Armijo Lozano R: 301
Armijo Moreno M: 301, 2014
Arminjon F: 302, 9448
Armitage IM: 303
Armitage JO: 304
Armstrong B: 305
Armstrong JD Jr: 7598
Armstrong ML: 306-307
Arnason U: 7900
Arnaud A: 7563
Arnesen H: 308-309, 7529
Arnhold M: 8074, 8076
Arnman R: 310
Arno T: 6534
Arnold AB: 3662
Arnold WD: 311-312
Arnold WP: 4567
Arnoldi CC: 313
Arnott S: 314
Arnould JL: 315
Arnulf G: 316-317
Arocha-Piñango CL: 2003
Arokszállási E: 5006
Aronow WS: 6882
Aronson AI: 1551
Aronson DL: 318-319, 3488
Aronstam A: 320, 2240, 4744
Arora RC: 9417
Arosio E: 5281
Arpesella G: 6603
Arriagada R: 1847
Arribas Castrillo JM: 7741
Arrigoni-Martelli E: 6626-6627
Arroyo V: 1653
Arshinoff SA: 6469
Arshinov PS: 321
Arsieri R: 2090
Arsov T: 322
Artaud F: 3594
Artcharanit N: 8718
Artemova IuV: 6071
Arthachinta S: 8549
Arthes FG: 323
Arthur LJ: 10004
Artik N: 943
Artmann G: 2574
Arutiunian NV: 9355
Arutiunov GP: 7508
Arvanitakis C: 324
Arvay A: 656
Arvidson S: 886
Arwin H: 325
Arzabe F: 1170
Arzabe FR: 1171-1172
Arzabe R: 1173
Arzadon L: 8941, 10033
Asada T: 4117
Asano A: 5752
Asano E: 6504
Asano K: 694
Asano S: 8425
Asano T: 326, 3835
Asanza L: 327
Asato R: 5993
Asbeck F: 328
Ascari E: 3408, 5761, 6525, 9319
Asch A: 6482
Aschberg S: 329, 883
Aschinberg LC: 330
Aschkenasy A: 331
Ashbrook D: 824
Ashbrook DW: 823
Ashe B: 10266
Ashe BM: 10265
Ashenhurst JB: 332-333, 8269
Asheshov EH: 334
Ashford RF: 335
Ashizawa K: 7921
Ashizawa T: 7920
Ashkinazi IIa: 336
Ashman B: 337
Ashman RF: 338
Ashwood-Smith MJ: 339-340
Ashworth JM: 6707
Asikainen I: 7625
Askerhanov RP: 341
Askgaard B: 2471
Aslanian NL: 342
Asmakova TG: 343
Asmus W: 8051
Asnaes S: 846
Aso K: 7806
Asomaning WA: 50
Asoskov VA: 344
Aspelin P: 345
Assadourian R: 1593
Assan R: 346-349
Assem ES: 350
Assouline S: 3050
Astedt B: 351-355, 5214, 8984
Aster RH: 1634, 2298-2300, 2641, 5445, 8354
Astrup T: 4808, 8271, 8625, 9211
Aswanikumar S: 356
Ataman G: 5668
Atanasov K: 357, 4517
Atanasov V: 358
Atasoy E: 9856
Aten RF: 1299
Ates G: 9584
Athanasoulis C: 3645, 3647
Athanassenas G: 3760
Atherly AG: 359
Atichartakarn V: 5877
Atienza MF: 1305
Atijas A: 970
Atik M: 360
Atkins ED: 361-362
Atkins TW: 436
Atkinson GH: 19
Atkinson JP: 363-364
Atlas SA: 365, 8257
Atsumi K: 4735
Attock B: 5389
Aubert R: 5345-5346
Aubry M: 366
Aucant D: 9858-9859
Audain VP: 367
Audebert AA: 3334, 5020
Audino B: 2443
Auel H: 368, 1003, 5938, 5942-5943
Auer L: 369
August CS: 3691
August JT: 8362
Augusti-Tocco G: 370
Augustin A: 481
Augustin J: 930-931, 3389, 4803
Augustyniak W: 371
Auinger W: 2455
Aulich A: 6715, 9887
Aumailley M: 372
Aune H: 5116
Aune KC: 61
Auperin A: 31
Aurousseau R: 7589
Aursnes I: 888
Auscher C: 373
Ausiello D: 374
Aust JC: 375
Austen BM: 376-377
Austen DE: 2525
Austen KF: 378, 6834, 7754, 10011, 10187-10188
Austen WG: 6
Austin E: 6315
Austin JC: 4703
Austin JH: 4466
Auteri A: 2176
Authier F: 7972
Auvert J: 379
Avakian SM: 380
Avanzini G: 381
Avdeeva RA: 382
Avdon'kina TD: 8423
Avenarius HJ: 7288
Averback P: 383
Averbukh ZhD: 3159
Aver'ianov IuA: 4912
Avery GS: 1180, 7221-7222
Avikainen V: 384
Avila JL: 385
Avilova MN: 5064
Avioli LV: 634
Avnur Z: 386
Avogaro P: 387
Awad J: 3481, 6302
Awad JA: 3482
Awad WM Jr: 388
Awan KJ: 389
Awoke S: 2069
Axelrad AA: 1199
Axelsson G: 390
Ayad SR: 391, 3381
Ayala S: 2982
Ayella RJ: 392

Aymard JP: 393
Ayres PB: 3351–3352, 3352
Azarnoff DL: 4064
Azaz B: 394
Azelvandre F: 395
Aziz EM: 4350
Aznar J: 396–398, 7531–7532, 9482–9483, 9628
Aznar JA: 7980, 9100
Aznar Reig A: 2036–2037
Azovskaia SA: 74
Azuma R: 9056
Azzarone B: 2193
Azzi A: 7609

B

Baadenhuijsen H: 399
Baar AJ: 400
Baark H: 401
Baba N: 402
Baba S: 4476
Babakitis M: 1717
Babeau P: 403
Babel J: 404
Babeniuk IuD: 4697
Babenko GA: 8299
Babenkova SV: 405
Baber CE: 5436
Babikova RA: 406
Babin JP: 407
Babinet P: 7482
Babitch JA: 1587
Babka R: 408
Babris IV: 409
Babson JR: 410
Babtseva AI: 7233
Bacardi R: 7739, 7816
Baccarani M: 4711–4712, 4712, 7837
Baccetti B: 2068
Baccichetti F: 1008
Baccino FM: 181–182
Bach CS: 411
Bach FH: 2294
Bacharach AD: 412
Bachmann F: 413, 4577, 5720
Bachmann FW: 1698
Bachmann K: 414–417
Bachmann O: 418–419
Bachorik PS: 420, 5120
Bacigalupo A: 1403
Bäck E: 421
Back N: 422, 2772, 5427
Backendorf C: 2375
Bäckström G: 5472
Bacq ZM: 2005
Baddeley RM: 4604
Bade ML: 423
Badia L: 7379
Badiane S: 2175
Badimón L: 9634
Badin T: 9278
Badini A: 1265
Badonnel MC: 1077
Baehner RL: 1084
Baehrel B: 2404
Baek SM: 8588
Baele G: 424–425
Baenkler HW: 426
Baert AL: 427
Baez Marrero O: 7711
Bagautdinov ShM: 4686
Bagaz'ian GG: 5046
Bagby GJ: 428
Bagdasarian A: 1721, 5510
Bagdasarova IV: 8548
Bagdy D: 429, 450
Baggiolini M: 9647
Baghurst KI: 430
Baginsky ML: 431–432, 931
Bagirov AM: 433
Bagshawe AF: 541, 543
Bahadir I: 434
Bai EN: 9234
Baicchi U: 6985
Bailey AR: 435, 6934
Bailey CJ: 436–437
Bailey FJ: 438
Bailey HL: 8067
Bailey JM: 439
Bailey M: 904
Bailey R: 8698
Bailey RW: 8219
Baille Y: 440
Baillet J: 2101
Bailon P: 441
Bail'ozov D: 442
Bain BJ: 8704
Baine C: 5443
Baird RJ: 2035
Baird RN: 443
Bais R: 444
Bajaj AP: 445
Bajaj SP: 446–447
Bajko K: 448–449
Bajocchi E: 9019
Bajolet A: 2416, 8293
Bajusz S: 450
Bakalkin GIA: 451–452
Baker AL: 895
Baker AS: 10193
Baker CR Jr: 453
Baker FD: 7269
Baker HF: 4408
Baker HN: 4228
Baker JL: 9476
Baker JL Jr: 5865
Baker JR: 454
Baker LH: 455
Baker LW: 456–457
Baker M: 6450
Baker PJ: 458
Baker TJ: 459
Baker WH: 2233, 6436
Bakkenist AR: 6636
Baklaja F: 460
Bakopoulos CV: 7952
Bakran I: 461
Balabanian MB: 8618
Balabanov VI: 7735
Balakir RA: 3043
Balandia GN: 4938
Balaš V: 4216
Balashov VI: 5785
Balasubramanian R: 462, 8721
Balatti A: 8280
Balcells A: 3346
Balcerzak-Raczkowski IB: 2426
Balchum OJ: 8295
Balconi G: 2212
Baldauf W: 463
Baldwin DB: 7803
Baldwin DS: 810
Bales R: 7270
Baleste JM: 8070
Balfe JW: 5698
Baligadoo S: 464
Balinja N: 9441
Balitrand N: 1946
Ball AP: 465
Ball GV: 466–467
Ball RD: 9742
Ball WC Jr: 1683
Ballabio R: 7329
Ballantyne B: 468–469
Ballard AC: 9168–9169
Ballard FJ: 3966
Ballas SK: 470
Ballesta Gimeno A: 2960
Ballester JM: 3253
Ballester Santovenia A: 686
Balner H: 9527
Balny C: 2239
Balogh E: 4614
Balogh M: 6657
Balow JE: 8049
Balsamo V: 471–472
Balsano F: 473
Baltensweiler J: 474
Baltimore D: 3519
Baluda VP: 475–480, 7057, 7059
Bamberg E: 481
Ban J: 6495
Ban TA: 482
Báňa J: 483
Banastier H: 2175
Banchini E: 1006
Band P: 9285
Bandelin JG: 6435
Bandi SK: 2392
Bandinelli C: 7813–7814
Bandurko LP: 8546
Banerjee A: 8268
Banerjee AK: 7516
Banerjee M: 484
Banerjee RN: 3506
Banerjee SK: 5069
Banerjee V: 484
Banerji A: 485
Banfi A: 979
Bang NU: 1084, 1507
Bangham DR: 1206, 4355
Banhegyi D: 7104–7105
Banik NL: 486
Banis JC Jr: 487
Bank S: 488
Bańkowski E: 489
Banks T: 6595
Bánkuti P: 9553
Bannerjee D: 490, 7223
Banno Y: 4564
Banzet P: 491
Baptist JN: 492
Baptist NG: 493
Baquatdinov ShM: 4687
Baquero VJ: 6792
Baquey C: 494
Bar-Nun S: 495
Bar-On H: 10098
Barabás E: 429, 450
Barabash RD: 496–498
Barabe P: 7637
Barac G: 499–500
Barach AL: 501
Barakat HA: 502
Baral E: 921
Baram T: 4835
Baran D: 4450
Baran DT: 503
Baran R: 504
Barandun S: 505
Baranov AE: 506
Baranov VN: 507
Baranowski T: 6720
Barańska H: 4213
Barash PG: 4566
Barash PS: 767
Baratova LA: 8800
Baratti J: 508
Barbanel C: 2657
Barbenell J: 2716
Barber AJ: 509
Barber HM: 510
Barber JA: 1713
Barber TA: 511
Barbera C: 512
Barberi I: 5657
Barberio G: 513
Barbezat GO: 488
Barbiano di Belgiojoso G: 514
Barbier F: 424–425
Barbieri FD: 6128
Barbieri U: 9067
Barbour BH: 515
Barbuti S: 516
Barceló P: 517
Bárcena JA: 9627
Barchas JD: 737
Barcsak T: 8584
Bardach J: 6987
Barden RE: 10057
Bardet J: 4285
Bardfeld PA: 518
Bardos P: 7460
Bardou L: 2823
Bardou LG: 2822
Bardwell E: 1444, 5468
Bare C: 9420
Barge J: 5166
Barger RC: 6219
Bargman GJ: 519
Bariety J: 4592–4594, 5158
Barile C: 520
Bark CJ: 1323
Barkagan IZ: 9235
Barkagan ZS: 521, 9236
Barker CF: 7115

Barker HA: 10156
Barker ND: 7467
Barker RD: 7599–7600, 7600
Barkhan P: 522–523, 3315, 8387
Barkin M: 5698
Barksdale C: 524
Barlett G: 10144
Barlow G: 5577
Barlow GH: 525, 6689–6690, 8827
Barlow JF: 5816
Barlow MJ: 10144
Barnard CN: 2728, 5579
Barnard DF: 526
Barnard RO: 1873
Barnatskii VN: 8466
Barnes AB: 7114
Barnes EM Jr: 814
Barnes HM: 527
Barnes RD: 7960
Barnes RW: 528–531, 9205
Barnes WG: 2600
Barnett D: 7722–7723, 9519
Barnett HG: 532
Barnett HJ: 533, 3039, 4927
Barnhart BJ: 359
Barnhart MI: 534, 6252
Barns RJ: 535–538
Baron JP: 215
Baron M: 539
Baron Dorobăt O: 9024
Barontini G: 6467
Barr CF: 7615
Barr M Jr: 540
Barr RD: 541–543
Barra JA: 5961
Barranco A: 50
Barras C: 2802
Barrat E: 707
Barratt ME: 544
Barre J: 8923
Barrellier P: 5265
Barrer MJ: 545
Barret A: 987
Barrett AJ: 8748, 9210
Barrett D: 546, 2340
Barrett DA: 5283
Barrett DA 2nd: 7422
Barrett J: 547, 1190
Barrett JC: 548
Barrett JT: 549
Barrett MW: 8814
Barrilero AE: 550
Barrillon A: 551, 2746
Barrilon A: 2747
Barrio F: 5864, 7861
Barrio Corrales F: 552
Barron S: 4986
Barros-Moraes NL: 3238
Barrowcliffe TW: 213, 553
Barry JM: 9740
Barsanti JA: 3372
Barsh GS: 1137
Barsotti J: 6613
Bart RS: 4901
Bárta J: 2669
Bartáková V: 256
Bartel M: 554
Bartel' V: 555
Bartels D: 3467
Bartels KH: 556
Bartels O: 557
Bartelt DC: 558, 3374
Barth KH: 4572
Barth P: 10270–10271
Barth VJ: 559
Barthel W: 5908
Barthels M: 560–561
Bartholomew C: 562
Barthwal JP: 4748
Bartkowski S: 563
Bartlett GR: 564–565
Bartlett JE: 566, 4747
Bartlett JG: 567
Bartlett RH: 9111
Bartnicki-Garcia S: 7841–7842
Bartnikowska E: 6133
Bartoli V: 2158–2159
Barton B: 2673
Barton M: 3801
Barton R: 568
Barton S: 569, 8035
Bartoš J: 570
Bartov E: 1831
Bártová A: 4339
Bártová D: 2315
Bartsch E: 4314
Bartsich EG: 571
Barwick KW: 9128
Bary Sv: 572
Barylko B: 49, 2246
Barzilai D: 2451
Basamygina LIa: 684
Basdevant A: 349, 573
Baseler F: 574
Bashir AH: 575
Basile GC: 3514
Basiliere J: 3355
Baskin BL: 576
Baskin TW: 577
Baskova IP: 578–580, 6079, 6887
Bass DA: 581
Bass EM: 582
Bass HB: 2949
Bass NM: 13
Bassan MM: 583, 7718
Bassand JP: 7798
Bassett JR: 584
Bassi G: 585
Bassüner R: 9461
Bast G: 2798, 2801
Basta LL: 586, 7241
Bastatskiĭ VG: 729
Bastianon V: 7380
Bastidas J: 7785
Bastide P: 4384
Bastomsky CH: 587, 8685
Basu S: 813
Batalova TN: 3058
Batchelor JR: 9886
Batchvarova V: 7392
Bateman C: 3799
Bateman CJ: 1846
Bateman JR: 8833
Bateman NT: 1200
Bates LS: 588
Batke J: 281
Batko KA: 7156
Bátora J: 8133
Batrak AA: 589
Batran FG: 2129
Battis P: 3326
Battisti C: 174
Baty JD: 6889
Baudet E: 963, 2237
Baudisch E: 8105
Baudo F: 2007
Bauduin H: 8826
Baue AE: 590
Bauer EA: 5439, 8866
Bauer H: 2621
Bauer K: 591
Bauer O: 481
Bauers PM: 7706
Baugh RJ: 592
Baulande G: 593
Baulande M: 593
Baulieu EE: 8262
Baulu J: 7523
Baum M: 3550
Baumann G: 594
Baumann H: 595
Baumann P: 596
Baumann R: 597, 8215
Baumberger U: 3185
Baumgarten K: 598
Baumgartl I: 4724, 4726
Baumgartner B: 599
Baumgartner HR: 600–604, 9345
Baumont M: 5058
Baumstark A: 4552
Baur E: 605
Baur G: 606
Baust G: 607
Bautz EK: 3376
Baviera E: 7357
Bax I: 3371
Baxter E: 5602
Baxter-Smith DC: 4295
Bayer AS: 608
Bayer PM: 7274
Baylin SB: 5120
Baysinger CB: 6930
Bazanova GV: 7575
Bazaz'ian GG: 609–610, 5040, 5042, 5045, 5802
Bazgadze VM: 6976, 6979
Bazin H: 2721
Bazzi C: 514
Bazzocchi F: 140
Bazzocci F: 611
Beachey EH: 612, 1564
Beachley MC: 4493
Beal RW: 613
Beard J: 8522
Beard R: 2268
Beart R: 2395
Beaton GH: 614
Beattie EJ Jr: 2743
Beattie WS: 9377
Beatty RA: 615
Beaty HB: 8991
Beauchamp JM: 616
Beaudry P: 5578
Beaufils F: 6096
Beaufils M: 617
Beaufils P: 4490
Beaujean F: 5848–5849
Beaulieu R: 300
Beaumont JL: 618–621, 3127
Beaumont V: 618–620
Beaven DW: 292
Beazley HL: 5249
Bebeshko VG: 9149
Beçak W: 2961
Beccari A: 978
Béchet JJ: 622–623
Bechis G: 624
Bechtel P: 1963
Bechtol CO: 625
Beck AR: 8588
Beck C: 5846
Beck EA: 626–627, 1242, 2882–2886, 6265, 7449, 8270–8271
Beck L: 9894
Beck OA: 628
Beck W: 2728
Becker CG: 629, 6295
Becker DP: 630
Becker EL: 356, 3792, 6461
Becker HM: 631
Becker JM: 5437, 5874
Becker M: 3201
Becker MA: 632
Becker RE: 633, 8378
Becker RL: 634
Becker SW Jr: 635
Becker T: 636–637
Becker W: 638
Becker WG: 1252
Beckers D: 2464
Beckmann CF: 639
Beckmann H: 640
Becktel J: 6782
Becq-Giraudon B: 641
Bedard CK: 642
Beddell CR: 643
Bedeković V: 644
Bedford RF: 645
Bedi HK: 646, 1007
Bédi J: 647, 4929
Bedi T: 646
Bednařik T: 648
Bednarski W: 4919
Bee E: 1318
Beech J: 649
Beeley JG: 650
Beer AE: 7013
Beerens M: 1656
Beers WH: 8865
Beesau O: 5403
Beeser H: 651
Befeler B: 8841
Begg GS: 6313
Begleiter ML: 652
Béguin S: 653, 4323
Behnke O: 654
Běhounková E: 6367
Beier HM: 655

Beil E: 7367
Beintema JJ: 5079, 9503
Beissel J: 1559
Békássy S: 656
Bekić S: 7591
Bektaş S: 6944
Bel J: 1462
Béla E: 657
Béla G: 658
Belaich S: 659
Belanger MA: 616
Belew M: 661
Belfante M: 3050
Belfrage P: 662
Belger HJ: 7581
Beliaeva NF: 7197
Beliakov NV: 8702
Beliauskaite IP: 6972–6973
Belicza M: 4891
Belikov PP: 663, 5111
Belin L: 7869
Belitser VA: 664
Belitskaia GA: 665
Belitz HD: 1329, 3991, 6898
Beljan JR: 666
Bell C: 8486
Bell FP: 3117
Bell G: 7066
Bell NH: 6141
Bell RG: 667, 7564
Bell W: 9924
Bell WR: 159, 668–672, 1305, 4700, 7884
Beller FK: 673, 8153
Bellet M: 10171–10172
Belleville J: 674
Bélli BL: 4786
Bellinger MA: 5251
Bellingham AJ: 4602
Bellini F: 1412
Bellini PG: 7813–7814
Bello J: 4122
Bellon B: 5158
Bellon EM: 2073
Bellone CJ: 7361–7362
Belmaker R: 6451
Belmaker RH: 675–676, 2578, 6452
Belman AB: 677
Belohlavek D: 2205
Belolipetskaia IuG: 7027
Belotskiĭ SM: 678–679
Belousov AS: 680
Belousov IuB: 681, 5513–5517, 5515
Belousova AA: 6870
Belova LA: 4172–4173
Belozerskiĭ MA: 682, 2449, 4156
Belpaire FM: 683
Belsare DK: 4260
Bel'skaia TP: 74
Belskiĭ NE: 684
Beltrami P: 685
Beltrán Hernández J: 686
Belussi F: 387
Belyanova LP: 8800
Ben-Bassat M: 687
Ben-Efraim S: 688
Ben-Ismail M: 689
Ben-Sasson SZ: 690
Ben-Yoseph Y: 8358
Ben Younes A: 2745
Benabid Y: 691
Benaim R: 692
Benarous JJ: 9294
Benassi CA: 6084, 7690
Benda L: 172
Bender HG: 9894
Bender ML: 3877, 4883
Benditt EP: 693
Bendixen G: 1679–1680
Bendl BJ: 694–695
Bendtzen K: 696–698
Benedetta Donati M: 7264
Benedetti WL: 699
Benedetti-Valentini F: 700
Benedetti-Valentini F Jr: 8772
Benedict WF: 8268
Benenson A: 701
Benet I: 2957–2959, 6097
Benfatto G: 1628
Benfer J: 702
Bengmark TS: 9515
Bengtsen KK: 3554
Bengtsson BO: 703
Bengtsson G: 704, 6841–6842
Benhamou JP: 2580, 5277
Bening J: 9109
Benirschke K: 2693
Benisek WF: 9249
Benitone JD: 4727
Benjamin JV: 3778
Benjannet S: 8282–8283
Benke A: 705
Benko H: 706
Benkoël L: 707
Benlatrache K: 4682
Benn R: 8803
Benne R: 9979
Bennett B: 708, 7573
Bennett JC: 818, 6260
Bennett JM: 6990
Bennett JS: 8380
Bennett M: 709
Bennett RM: 8030
Bennich H: 2440
Benöhr HC: 6582–6583
Benoit PW: 710
Benowitz NL: 711
Bensadoun A: 713, 2372, 4885
Bensaid J: 3050
Bensaude RJ: 2514
Bensinger TA: 712, 1580, 10292
Benson JD: 713
Benson JR: 714
Benson MD: 5433
Benson RE: 715–716
Bensoussan D: 717
Bensy JJ: 2015
Bentegeat J: 964, 7972
Bentley G: 510
Bentley PG: 8734
Bentley R: 1230
Benton C: 5332
Benton P: 10004
Benuck M: 718
Benvegnù D: 9260
Benveniste J: 719
Benz UF: 8207
Berant M: 1693
Berard CW: 6527
Berard M: 621
Berardi G: 1702
Berault-Audoin J: 1733
Berberian PA: 720
Berceanu S: 1341
Berchtold R: 8120
Berdichevsky E: 721, 1893
Berdinskikh MS: 722
Bereiter-Hahn J: 723
Berelowitz M: 7218
Beremeenko KN: 724
Berenguer J: 6829
Berenson GS: 8722
Berent H: 725–726, 7870
Beresneva EA: 8384
Béress L: 10085
Beretta C: 1435
Berezhnoĭ AM: 9707
Bereziat G: 9326
Berezin IV: 92, 727–728, 4786–4788, 5617
Bereznaia IIa: 2948
Berezov IuE: 729
Berezovskiĭ VA: 730
Berg B: 662
Berg S: 8690
Bergenholtz A: 731
Bergenthal D: 732
Bergentz S: 733
Bergentz SE: 16, 734–735, 3732, 6661, 9941
Berger C: 5361
Berger JP: 736
Berger M: 8034
Berger PA: 737
Berger R: 738–739
Berger RL: 2744, 8404
Berger U: 740
Berger W: 741
Berghem L: 5141–5142
Bergier: 742
Berglin E: 743
Berglund G: 7869
Bergmann H: 744
Bergmann I: 9754
Bergner H: 8515
Bergner-Rabinowitz S: 745
Bergoin M: 746
Bergot BJ: 747
Bergqvist D: 80, 748–753
Bergstein JM: 754–755
Bergstrand O: 329
Bergström AL: 5102
Bergstrom L: 756
Bergström R: 7869
Bergström A-L: 5099
Bergström AL: 5100
Berguer R: 757
Bergut FA: 758–760, 8324
Berk PD: 8052–8053
Berkessy S: 761
Berko RM: 8447
Berkos OV: 762–763
Berkutov AN: 764
Berlin G: 2461
Berlin R: 9755
Berlutti F: 765
Berlyne GM: 7578
Berman IR: 766, 7472
Berman MA: 767
Berman MB: 768
Bern HA: 2215
Bernabei MT: 1377
Bernacka K: 4023
Bernard B: 769–770
Bernard D: 771
Bernard JF: 5166
Bernard JL: 7589
Bernard MH: 7797
Bernard S: 772
Bernardczykowa A: 773
Bernards JA: 9593–9599, 9597
Berndt SF: 774
Berndt W: 4501
Bernet J: 1056
Bernhard A: 3625
Bernhardt B: 775
Bernier JJ: 6109
Bernik MB: 776
Bernstein EF: 777, 5391
Bernstein I: 2518
Bernstein IA: 9742
Bernstein IL: 5668
Bernstein K: 9677
Berntsen H: 3150
Berova N: 233, 6155
Berrettini WH: 778
Berry CL: 13
Bersch A: 8173
Berset JC: 1013–1014
Bersohn I: 4998
Berson I: 779
Berson W: 4248
Bertelli E: 9845
Bertin JB: 7972
Bertina RM: 780
Bertles JF: 1572
Bertoli M: 4032
Bertolone S: 781
Bertoni MP: 2024
Bertorello CF: 782
Bertrand L: 9648
Bertrand M: 2554
Bertuccioli M: 6285
Bertuglia S: 783
Bertulla A: 784
Bès A: 3049
Beshleĭ VI: 6268
Bespalova VG: 1623
Bessermann-Nielsen M: 785
Bessis M: 786
Bessler H: 59, 787
Bessolitsina LA: 229
Bessolitsyna LA: 226–227
Bessot JC: 788
Best GK: 4708
Best J: 789
Best LC: 790
Bester R: 649
Beth E: 3125
Bethel RA: 3829

Bethge: 791
Bethlehem B: 3243
Bettelheim H: 8583
Betterle C: 792
Betterridge DJ: 7512
Bettigole RE: 7689, 9293
Bettmann MA: 793
Betton GR: 794
Beutel U: 795
Beutler E: 712, 1580, 10292
Beuvin J: 88–89
Bevan G: 2484
Bevan MJ: 9318
Bevilacqua G: 796
Bewley JD: 104
Bewley TA: 797, 4584, 5424
Bex JP: 6603
Bey E: 127
Beyer JH: 798
Beyer P: 324
Beylot J: 6310
Beyreuther K: 799
Bezborodov AM: 800, 4201
Bezeaud A: 3488
Bezjian AA: 801
Bezou MJ: 7506
Bezriadina EM: 2653
Bezrukova AG: 802–803
Bhaktan EK: 151
Bhalla VK: 804–805
Bhandari V: 7652
Bharadwaj B: 4588
Bharadwaj BB: 4589
Bhargava AS: 806
Bhargava KP: 807
Bhargava N: 808
Bhargava RK: 809
Bhat JG: 810
Bhat PG: 811
Bhatt HV: 4547
Bhattacharya DK: 812
Bhattacharya P: 813, 6407
Bhattacharya S: 2265
Bhattacharyya P: 814
Bhavanandan VP: 815
Bhawan J: 816
Bhoola KD: 115
Bhoweer AL: 817
Bhown AS: 818, 6260
Bhu N: 1007
Biagini RE: 1789
Biaglow JE: 819
Białożyt B: 9720
Bianca W: 3719
Biancalani L: 1181
Bianchetti G: 820
Bianchi M: 1404, 8657
Bianchini P: 821
Bianciardi G: 9845
Bianco C: 512, 822
Biancolella F: 2946
Biarese V: 5595
Bibas H: 393
Bicher HI: 823–824
Bick RL: 825–827, 2585
Bickert P: 5491
Bidet JM: 9152
Bidney DL: 828
Bidwai PS: 3504
Bidwell E: 829, 2429, 8617
Bieber CP: 3395
Bieber M: 10240
Bieichner G: 6283
Biel J: 9389
Bielawiec M: 950, 3323, 7129
Bielefeldt DJ: 6169
Bielorai R: 3620
Biemer D: 830
Biemer E: 831
Bierbaum B: 4050
Bierenbaum ML: 2689
Bieri JG: 832–833
Bierme R: 987–989
Bieron K: 3472
Biersack HJ: 834
Bieth J: 366
Biga N: 9827
Bigar F: 835
Bigel P: 5400
Biggar WD: 2392
Biggers JA: 836
Biggs JC: 837
Biggs R: 838–840, 7314
Bighley LD: 841
Biglioli P: 2609
Bignon J: 842
Bigongiari LR: 9940
Bigot JM: 1556, 5799
Biguet J: 2304
Bikbaeva AI: 843–844
Bilaï TI: 845
Bilaniuk LT: 2194–2195
Bilde T: 846
Bilenker R: 6876
Bilezikian SB: 847–848
Biliak ST: 849
Bilkin AI: 850
Billingham RE: 7013
Billings R: 5344
Bills TK: 851
Bilodeau JL: 6325
Bilski-Pasquier G: 1733
Binder B: 1295
Binder F: 2715
Binder M: 9774
Bindewald H: 7487
Binet JP: 852, 5191
Binette JP: 8121
Bing DH: 9115
Bini G: 1629
Biniecki S: 853
Binswanger U: 5094
Biran S: 2419
Birckbichler PJ: 854
Bircks W: 1149, 7663, 8192
Bird D: 2425
Bird DR: 855
Bird TD: 6862
Birdwell C: 3306
Birk M: 9889
Birk Y: 856–863, 5747, 8076, 8599
Birkeland SA: 864–865
Birktoft JJ: 866
Birnbaum ER: 867, 1938–1939
Birngruber R: 946
Biro NA: 4514
Birtel FJ: 9173
Birtwhistle RV: 5859
Bis KA: 868
Bisaria VS: 869
Bischoff W: 870–871
Biserte G: 2004, 7796
Biserte J: 6041
Bishop HC: 3930
Bismuth C: 3004
Bismuth V: 914
Bissada NK: 2650
Bisschop A: 872
Bisseliches S: 3191
Bissell MJ: 873
Bissell SM: 874
Bissoon Doyal D: 1764
Biswas A: 875
Biswas GD: 876
Bitmanis J: 904
Bitoun A: 6109
Bittencourt D: 7408
Bitter-Suermann D: 877
Bittighoffer B: 9719
Bivins BA: 2230
Bizzi B: 878, 1134, 6463
Bjelić S: 5893
Bjelle A: 879
Bjordal RI: 880
Björk I: 881, 7626
Björk VO: 14, 882
Björkholm M: 329, 883
Bjorklid E: 884–885, 3102–3103
Björklind A: 886
Björnson J: 887–888
Bjornson LK: 3518
Bjornsson TD: 889
Black EA: 890
Black LM: 7516
Black LW: 4169
Black M: 1602
Black MM: 891
Black PH: 1600
Black WD: 892, 3040
Blackman E: 876
Blackshear PJ: 893
Blackstone EH: 894, 1827
Blackstone MO: 895
Blackwell GJ: 896
Blackwell J: 897, 8164
Blad D: 898
Bladh B: 354
Bladier D: 3001
Blaese RM: 7323
Blaeser B: 6422
Blagoeva I: 623
Bláha M: 6040
Blahovec J: 899
Blaisdell FS: 900
Blaisdell FW: 901, 3927
Blaja C: 902
Blake NM: 4745
Blake RL: 903
Blakely J: 904
Blakely RW: 6242
Blakey PR: 905
Blanchard R: 8775
Blanchet F: 4284–4285
Blanchette-Mackie EJ: 6083, 8250
Blankespoor HD: 6913
Blanks A: 8767
Blanquet P: 494
Blanquet S: 2560
Blaschke TF: 889
Blaser K: 3815
Bläsig J: 5013
Blasini R: 906
Blaskó G: 5705
Blass JP: 907
Blast G: 7374
Blatrix C: 9227
Blatt CJ: 3720
Blatt PM: 908–909, 5363
Blau N: 910
Blauhut B: 911
Blaumanis OR: 3073, 6572
Blazek V: 912
Bleehen SS: 913
Bleifuss J: 998
Blendin R: 2382
Blëry M: 914
Bless JW: 4705
Bletry O: 3191
Bleyl H: 915
Blindow C: 481
Blinick G: 9753
Blinnichev NM: 916
Bliumkin VN: 406, 917
Blobel G: 2183
Blobel H: 918, 5009, 6616
Bloch S: 1934
Block ER: 7783
Blodi FC: 919
Blom J: 9285
Blombäck B: 2963, 8946
Blombäck M: 138, 920, 2353, 6855, 6967, 8946, 9165
Blomgren H: 921
Blomhoff JP: 7654, 8006
Blomquist CH: 922
Blondeau JP: 923
Blondeau P: 2271
Blondin J: 924
Blonsky ER: 10240
Bloom AL: 925, 1169, 7068–7069, 8388
Bloom S: 926
Blotskaia LL: 9146
Blouquit Y: 2968
Blow DM: 7703
Bluestone P: 4087
Blum D: 4450
Blum JJ: 927
Blumauer H: 3902
Blumberg ES: 9965
Blumberg S: 928, 3944
Blümel G: 2664, 3530, 8104
Blümel J: 4857
Blumenberg RM: 929
Blumenthal AB: 1105
Blumgart LH: 10056
Blundell TL: 8908
Blunk JN: 1368

Bo G: 782
Boada JN: 3252
Boade WA: 6749
Boario U: 6698
Boasson M: 7570
Bobbitt JL: 1647
Boberg J: 930–931, 9608–9609
Boberg M: 930
Bobkov AI: 3227
Bobokhodzhaev MKh: 932
Bocaz JA: 3327
Boccaccio P: 933, 7045
Boccardi S: 7428
Bocci V: 934
Bochkarnikova OV: 5641
Bochkov VG: 935
Bock G: 4799
Böcker R: 5655
Bod'a K: 899
Boda Z: 936
Bode J: 937, 9983–9984, 9984
Bode JC: 938–939, 2308, 8159
Bode W: 940–942, 2573, 4031
Bodevin E: 1363
Bodin F: 5438
Bodmer WF: 703
Bodner AC: 6066
Bodner P: 8576
Boeckx L: 8707
Boedecker E: 5709
Boehm T: 2091
Boehme K: 943, 5536
Boekhout-Mussert MJ: 944
Boer GJ: 945
Boergen KP: 946
Boeri R: 1333
Boffa GA: 947
Boffa GM: 1583
Boffa MC: 947, 5126
Bofill D: 3346
Bogacheva TI: 948–949
Bogadel'nikov IV: 7396
Bogaert MG: 683
Bogair N: 8708
Bogardt RA Jr: 5326
Bogdanikowa B: 950–951, 4023
Bogdanov NG: 8366
Bogdanova LF: 952
Bogdanova GIu: 8798
Bognacki NS: 2522
Bognár M: 953
Bogodel'nikov IV: 7394
Bogolepov NK: 954
Bogoliubov VM: 955
Bogomolni RA: 5603
Bogomolova EK: 935
Bogush LK: 956
Bogusz W: 4842
Bohley P: 957, 8515
Böhm KH: 8204
Böhm N: 958, 7165
Böhme H: 959
Böhmig HJ: 960
Bohn A: 7488
Bohn E: 6430
Bohnert HJ: 961
Bohunický F: 6156
Boiardi A: 1333
Boileau S: 3418
Boime I: 5175
Boiselle JC: 962
Boisnard M: 3489
Boisnier C: 619
Boisseau M: 963, 1189, 2545
Boisseau MR: 964–965
Boissier JR: 966
Boissieras P: 7429, 9475
Bojadžiev I: 2031
Bojarski Z: 967
Bojsen-Møoller M: 3820–3821
Bokarev IM: 5641
Bokarev IN: 4742, 8627
Bokonjić M: 968
Bokonjić R: 969
Bokor J: 5354
Bokšović S: 970
Bolaños Diaz A: 2036–2037
Boldescu G: 1871
Boldogh I: 8543
Boldt DW: 971
Boley SJ: 1112
Bolin RB: 972
Bolis PF: 2737
Bolium FJ: 3377
Bollaert A: 427
Bolle R: 1029
Bolling DR: 8059
Bollinger A: 973, 2827
Bolognesi DP: 8041
Bols NC: 974–975
Bol'shakova MD: 8299
Bol'shakova RM: 2880–2881
Bolt JM: 4743
Boltro E: 976
Boltuch RL: 977
Bomb BS: 646
Bon S: 5976
Bonadonna A: 978
Bonadonna G: 979
Bonafous J: 4625
Bonagura JD: 980
Bonamy AM: 622
Bonar RA: 981
Bonardi JM: 982
Bonaventura C: 8929
Bonaventura J: 8929
Bondarchuk AA: 2928
Bondareva LI: 10233
Bondoli A: 983
Bondonny JM: 407
Bone I: 5248
Bone JM: 984
Bone RC: 642, 985, 3643
Bone RS: 986
Bone RT: 50
Bonelli AJ: 3487
Bonert D: 2170
Boneu B: 987–989
Bonfils-Roberts EA: 990
Böni A: 2574, 5026
Bonnar J: 991–994
Bonnard GD: 4587, 7323
Bonner AG: 995
Bonnet H: 5362
Bonnet M: 996
Bonnin A: 997
Bonta IL: 1277–1278
Bonte W: 998
Bonting SL: 4623–4624, 4624
Bonucelli U: 6458
Bonvalet D: 659
Bonventre PF: 7888
Booher J: 7795
Boone CW: 6750–6751, 9048
Boonvisut S: 999
Booth AG: 1000–1001, 4640
Booth JC: 1002
Booth JL: 7598
Bopp J: 1003, 5942
Boran DA: 6770
Borberg H: 1004, 6213, 7583
Borchers H: 561
Border M: 1005
Bordi C: 1006
Bordia A: 1007
Bordin F: 1008
Bordt J: 1009
Boreham FL: 10077
Boreham PF: 1010
Boreisha IG: 8941
Borek C: 1011
Borenstein R: 1012
Borg H: 9938
Borgeaud J: 1013–1014
Borgerding PJ: 6012
Borgheresi S: 10216
Borgia R: 2212
Borgner M: 1161
Borhan GS: 1015–1017
Bories H: 1018
Bories J: 9610
Borisov IA: 9097
Borisov VA: 9632
Borisov VG: 1019
Borisova OK: 8426
Borisova TA: 1020, 6712
Borisy GG: 9481
Borkenstein J: 1021
Borkman RF: 5359
Borko E: 1022
Born GV: 1023–1024, 5225, 6377, 6612
Born W: 1025
Bornens M: 1026
Börner W: 6920
Bornhauser X: 2094
Borodianskii VS: 1027
Borodin AI: 9454
Borokov SA: 1028
Boros B: 7131
Borovik GA: 8574
Borresen HC: 1029
Borriss R: 1030
Borroni M: 1031
Borsa J: 5553, 7988
Borsand MA: 1032
Borsanyi JP: 3484
Borsari A: 143
Borsato N: 3131, 3138
Borshell NJ: 1873
Borsodi A: 5705
Borst H: 5340
Borst HG: 1907
Borthistle BK: 1033
Bory M: 1034–1035, 5349, 8326–8328, 8327–8328, 8330
Borysenko JZ: 1036
Borzova LV: 4946
Bosch J: 1653
Bosch L: 9492
Bosch Hernández J: 7711
Bösche J: 3030
Boscolo P: 1037
Boshes B: 10240
Bosi G: 9623
Bosi S: 8681
Bošković S: 1038
Bosma A: 1226
Bosmann HB: 2523, 8691
Bosniak MA: 170
Bošnjaković VB: 1039
Boss JH: 2419
Bossaert L: 1040
Bosshard CT: 835
Bossi M: 2725
Bossinakou I: 1371, 5835, 10129
Bösterling B: 1041–1042
Bostock JF: 5443
Boswick JA Jr: 1244
Botasheva MM: 681
Botelho LH: 2410
Bothová M: 6390
Bothwell TH: 4657
Botreau-Roussel P: 1043, 2256
Botsch H: 1044
Botta M: 7117
Bottari M: 1045
Böttcher D: 1046
Bottecchia D: 1047–1049, 9586–9587
Bottelli GC: 1031
Böttger EM: 1050
Böttger U: 1051, 1053
Böttger W: 1051–1054, 9677
Bottiger LE: 1055
Botvinik MM: 4198
Botvinov AM: 729
Boucher H: 9213
Boucher R: 1475, 2956
Boucherie H: 1056
Bouchet B: 6381
Bouchier IA: 2817
Boudart D: 3491
Bouday E: 1057
Boughner DR: 4927
Boughton BJ: 1058
Bouhasin JD: 4375
Bouhour JB: 5421
Bouillenne C: 1059
Bouillet R: 1060–1061
Bouillon R: 9490
Boulangé A: 7106
Boulard C: 8675
Boulay J: 1062
Boulis MN: 1063
Boullin DJ: 1064–1065
Bouloumie J: 1189
Boulter D: 5648
Bouma BN: 1066–1067, 4766, 8935

Bounous G: 1068
Bourdain JL: 7482
Bourdarias JP: 4285
Bourdillon PD: 1069
Bourdin Y: 3476
Bourgain R: 7667
Bourgain RH: 7348
Bourgeois M: 1149
Bourgoin A: 9858–9859
Bourgoin S: 3594
Bourgois A: 1070, 7009
Bourne R: 6934
Bourne RC: 1071, 4408
Bourrillon A: 6096
Bourrillon R: 2785, 6306
Boüsen E: 9941
Bousser J: 1733
Bousser MG: 1072, 5287
Boutaugh M: 1073
Boutibonnes P: 1074
Boutigue MH: 4378
Bouvenot G: 1075–1076
Bouveret P: 8218
Bouvet JP: 7746
Bouvier CA: 1077
Bouvier M: 852, 5191
Bovenko VN: 1078
Bowcock SA: 1748, 3272
Bowen DM: 1079
Bowen JC: 2969
Bowers SF: 1408
Bowers VM Jr: 1080
Bowers WH: 1081
Bowes W: 3337
Bowie EJ: 1082, 2898, 6850, 8963
Bowling MC: 6527
Bowman BJ: 3175
Bowman HS: 2537–2538
Bowman RP: 3724
Bowyer DE: 1083, 1964, 3258
Boxer GJ: 1084–1085, 3601
Boxer LA: 1084
Boxer M: 1086
Boyd AD: 4170
Boyd AS: 8316
Boyd D: 6701
Boyer CA: 1087
Boyle MD: 1088
Bozdech MJ: 2329, 7453
Bozděch Z: 1089
Bozian RC: 1090
Bozio A: 6702
Braakman R: 1091
Bracale GC: 2604
Brach BB: 1092, 6365
Brachtel D: 774
Brackman HH: 1093
Brackmann DE: 8307
Brackmann HH: 138, 1094, 3915
Braconnier F: 1095
Bracq C: 5850
Bradac GB: 1096
Bradbury AF: 1097
Brade V: 877
Bradfield A: 7717, 7802
Bradfield JW: 1461
Bradham LS: 1098
Bradley EL 3d: 1099
Bradley RJ: 8629
Bradley SE: 2342
Bradlow BA: 1100
Bradshaw MW: 8482
Bradshaw RA: 8971
Brady LP: 1101
Brady RO: 2682
Bragg DG: 1102
Bragg PD: 8531
Braham J: 4916
Brai M: 471
Braide I: 3551–3552, 3552
Brailovsky CA: 6646
Brajerski W: 1103
Brake AJ: 1104
Brakel CL: 1105
Brala Z: 1106–1107
Bramhall JS: 1108
Bramis JP: 1109
Brancaccio D: 7313
Brancaccio L: 1110
Brancadoro V: 1858
Brand A: 2348
Brand E: 6450
Brandberg A: 6475
Brandonisio O: 2871
Brandstädter W: 1111
Brandt B 3d: 3649
Brandt C: 4136
Brandt H: 5292
Brandt K: 4820
Brandt LJ: 1112
Brandt M: 1113–1115, 9304
Brandt NJ: 2335
Brandt RL: 7440
Brandt WF: 8864, 9216–9217
Brandtzaeg P: 6895
Branehög I: 7619
Brank A: 6774
Branson CG: 6595
Branson HE: 1116–1117
Brantner JH: 1118
Brants F: 1119
Bras G: 6946
Brash JL: 1120, 1991
Brashears S: 1683
Brasher M: 2916–2917
Brass EP: 1121
Brass H: 1122
Brater DC: 1123
Bratić-Mikeš V: 1124
Brattain MG: 3772
Braude AI: 1125
Braude R: 1126
Braude IIa: 10205
Brauer C: 2590
Brauer D: 3745
Brault B: 1127
Braun B: 8026
Braun D: 3306
Braun DG: 7632
Braun F: 1128, 8583
Braun H: 8336
Braun J: 8182
Braun MB: 7279
Braun P: 1129
Braun-Falco O: 6594
Braunstein KM: 1130
Braunsteiner H: 5502
Braunwald E: 5742
Brautbar C: 2925
Brautbar N: 2139
Brawley RK: 2207, 3401, 6099
Bray PF: 6639
Bray PJ: 1131
Brazier JB: 4164
Brdar B: 6495
Breaux C: 8119
Brecher AS: 8509, 9381–9382
Brecht G: 9323
Brecht T: 9323
Breckenridge A: 6888
Breckenridge AM: 1132, 6889, 8387
Breckenridge RT: 1133
Breckinridge JC: 6838
Breckwoldt M: 10200
Breda R: 1134
Breddin K: 481, 1135–1136, 8051
Bredoux R: 5405, 9252
Breenberg DB: 1137
Breeze GR: 7603
Brégeat P: 1138
Brehelin M: 1139
Breïmaer GM: 1140
Breimer DD: 10261
Breindel D: 815
Breitenecker G: 7161
Breitfeld P: 6241
Breitsis IuG: 5227
Bremer G: 2370
Brendel W: 8693
Brendler H: 539
Brener BJ: 151, 1141
Brenn H: 1142
Brennan RE: 1908
Brennan SO: 1143, 6936
Brennan TG: 1144
Brenner RR: 2982
Bresciani F: 7401
Breslin AB: 3648
Bresson ML: 1460
Bret P: 1145
Bretán M: 7743
Breton-Gorius J: 1146–1147
Brett M: 1148
Bretto P: 520
Bretz U: 9647
Bretzel G: 3898
Breuer A: 1149
Breuninger H: 1150
Brew K: 388
Brewer GJ: 1151
Brewer TE: 2687
Breznik R: 1022
Bricaud H: 372, 963, 1189
Bridenbaugh GA: 5312
Bridgen J: 9744
Bridger WA: 6909
Bridges P: 4703
Brief DK: 151, 1141
Briët E: 1152, 6047
Briggs BA: 1854
Briggs DR: 1153
Briggs M: 1154–1155
Bright TC 3d: 7132
Brightman VJ: 6615
Brignon G: 1156–1157
Brill PW: 1158
Brimhall B: 1159–1160, 1671, 8796, 9050
Brin M: 5703
Brindley C: 2339
Brinkhous KM: 908, 3407
Brinkhuis J: 7065
Brinkley B: 1879
Brinkley BR: 2867
Brinkmann B: 1161
Briseid K: 1162–1164
Brismar G: 1165–1166
Brismar J: 1165–1166
Brita G: 1167
Britten AZ: 1108
Britton B: 5682
Britton BJ: 1168–1169
Briukner B: 5573–5574
Briuller IuI: 4529
Brivet F: 9326
Brizio E: 7216
Brocas H: 9542
Brochard C: 5402
Brocheriou C: 1594, 5058
Brock JH: 1170–1173
Brockhurst RJ: 1402
Brocklehurst K: 7051, 8435–8436
Brockman G: 7978
Brockway WJ: 1174, 1450, 6850
Brocteur J: 1059
Broder S: 4123
Broderius M: 6570
Brodeur J: 1495, 5159
Brodie AF: 7660
Brodman RF: 1175
Brodner RA: 1176
Brodov LE: 1177
Brodsky I: 1178
Brody JI: 1179
Brogden RN: 1180, 7221–7222
Broggi G: 381
Brogioni M: 1181
Brogmann AR: 5682
Brohr T: 4555
Broks PD: 1182
Bronkhorst F: 1973
Bronner A: 1183
Brookman DH: 1275
Brooks H: 9751
Brooks L: 1169
Brooks SM: 5668
Brosious EM: 1184
Bross ID: 176–177
Brossel R: 3371
Brossmer R: 3650, 7047–7048, 7048
Brossoit AD: 3724
Brosstad F: 1185
Brot N: 6355
Brotherton J: 1186
Brotherus J: 1187
Broun GB: 1188
Broustet JP: 1189
Brower AC: 4522

Brower TD: 8067
Brown AM: 5299
Brown C: 1190, 4063
Brown CH 3d: 3179, 3770
Brown DL: 5775
Brown DT: 4494
Brown EB: 1641
Brown F: 1464
Brown JB: 1191
Brown JC: 4917
Brown JM: 1411
Brown JS: 1414
Brown M: 1192
Brown ML: 4718
Brown MS: 1193
Brown NA: 1194
Brown P: 1195
Brown PA: 1816
Brown RK: 1443
Brown RL: 1196
Brown RS: 1197
Brown SA: 1198
Brown SI: 4651–4652, 6274
Brown SS: 7187
Brown V: 930
Brown WD: 7597
Brown WM: 1199
Brown WR: 1033
Brown WV: 431–432, 931, 2372, 5120
Browne BJ: 178
Browse NL: 1200–1205, 4290, 4292, 6776
Broyer P: 674
Brozović M: 1206–1207, 4355, 4783, 5725, 6048
Bruaset I: 5550
Brubacher G: 1208
Brubaker RF: 1382
Bruck SD: 1209–1210
Brücke P: 5536
Brückler J: 918, 5009, 6616
Brücknerová O: 1211
Brugh M Jr: 1212
Brügmann E: 2796
Brugues JL: 7861
Bruhn HD: 1213–1216
Brumer S: 7438
Brummelhuis HG: 9584
Brun B: 1217
Brun D: 2920
Bruneder H: 2663
Brunet A: 2271
Brunette DM: 1218
Brunetti A: 1219, 3138–3139, 3141
Brungswig D: 1136
Brunner FP: 9167
Brünner H: 1220, 3501
Brunner KT: 9191
Brunner KW: 1221
Brunner P: 2800, 7369
Brunner U: 1222–1223
Bruno L: 2725
Brunori M: 184
Brunswig D: 1224, 3779, 4794, 5450, 8273–8274
Brunzell JD: 272
Bruschi E: 1452
Brüschke G: 8140
Brust JC: 1225
Brüster H: 5348
Brutel de la Rivière A: 1226
Brutko LI: 1937
Bruusgaard A: 1615
Bryan GT: 1695
Bryan LR Jr: 1227
Bryan-Brown CW: 4986
Bryant AR: 1228
Bryant J: 4598
Bryant LR Jr: 1229
Bryant RW: 439
Bryant RW Jr: 1230
Bryce WA: 2126
Bryon PA: 2009
Brzecki A: 1231
Brzeski H: 4635
Brzezinski J: 7286
Brzica SM Jr: 1232
Brzozowski T: 4298
Bubb MO: 1233
Bube FW: 1234
Bubel M: 3805
Bubenhofer R: 1235
Buchanan GR: 1236–1238, 3155
Buchanan JM: 10244–10245
Buchanan N: 1239
Buchbarova V: 1240
Bucher D: 1241
Bucher U: 1242
Bücherl ES: 8073
Buchet JP: 1243
Buchler U: 1244
Büchmann NB: 1245
Büchner HJ: 7153
Büchner U: 1003, 5942
Buchsbaum M: 6452
Buchsbaum MS: 1246–1248
Buchvarova V: 1249, 2192
Buchwald H: 893
Buck CA: 1250, 9813
Buck RC: 5806
Buckberg GD: 6836
Buckingham WB: 1251, 5661
Buckley CJ: 2592
Buckley RH: 1252
Buckman PD: 1253
Buckman RF Jr: 1253
Bucknall RC: 1254–1255
Bucknall WE: 8027
Bučko A: 1256
Buczko W: 1257–1259
Buczkowski M: 4307
Budazhabon GB: 5112
Budazhabon GV: 5110
Budimir Z: 970
Budinger JM: 8167
Budman DR: 1260
Budtz-Jörgensen E: 1261
Budzynski AZ: 293, 1262, 5877, 6644
Budzyński W: 1263
Buehner GE: 1344
Buen Abad LH: 1264
Buermann CW: 6891
Buffa D: 1265, 7045
Buffoni F: 255, 1266
Bugaro L: 978
Buglov ED: 1267, 2241
Buhler JM: 8321
Buhles WC Jr: 4603
Buhr H: 8216
Bui-Mong-Hung: 5237
Buianova NN: 8413
Buisseret P: 1268
Buk J: 1269
Bukhova VP: 5647
Bukowska D: 1270
Bukowski RM: 1271
Bukurestliev A: 1272
Büky B: 9924
Bulacinski A: 853
Bulat LM: 9339
Bulatov AA: 6988
Bulatova ER: 7953
Bulcke J: 8707
Buljat G: 644
Bulkley BH: 1273, 3401
Bull J: 9285
Bull JM: 4147
Bullard B: 1274
Bullaro JC: 1275
Buller AJ: 1276
Bulletti G: 7305
Bulling J: 6241
Bullock GR: 454
Bult H: 1277–1278
Bulycheva TI: 1279
Bulynnin VI: 1280
Bum A: 3897
Bumgarner MO: 10136
Bunch D: 3337
Bundy BM: 6571
Buneaux JJ: 346–347
Bunge HJ: 607
Bunin KV: 1281–1282
Bunin AIa: 1283
Bunko H: 28
Bunn HF: 3211
Bunn PA Jr: 1284
Bunney WE Jr: 1285, 3068
Bünning P: 1286
Bunte M: 1096
Bunting PD: 1287
Bunting S: 3293, 3842, 6270, 6272
Buono G: 1364
Burchall JJ: 8840
Burcharth F: 1615
Burden B: 3337
Burdi AR: 540
Burdianskaia EI: 7261
Burdock EI: 1381
Burdon DW: 4604
Burdzyński T: 4942
Bureau H: 504
Burger HG: 1288
Bürger K: 1289
Burger R: 877, 1290
Burger T: 1291
Burgerhout WG: 1292, 4400
Burgess RR: 1293
Burghard G: 788
Burghele T: 1294
Burghuber O: 1295
Burgos H: 9886
Burgoyne LA: 1296
Burgoyne RD: 10050
Burgun P: 8147
Burian K: 1297
Buricchi R: 7484
Burk PG: 3687–3688, 3688–3689
Burka NI: 9234
Burke JS: 208
Burke MF: 1888
Burke WF Jr: 1298
Burke WR: 1299
Burkhardt A: 1300–1301
Burkhardt JH: 2684
Burkhardt R: 1302
Burkholder DE: 8509
Burkholder JA: 5760
Burkholder PM: 511
Burkitt DP: 1303–1304
Burkman RT: 1305
Burko FS: 6197
Burleigh MC: 8748
Burley DM: 1306, 1961
Burnand KG: 6776
Burnazian RA: 1307
Burnell JM: 1308
Burness AT: 2460
Burnett W: 3619
Burney DW: 5017
Burney G: 2253
Burns ER: 1309
Burns JJ: 5053
Burns RG: 1310
Burnstein Y: 8390
Burobin VA: 9013
Buromskaia GA: 5771
Burrell CJ: 1311
Burri C: 84, 1312–1313
Burri H: 3740–3741
Burri HP: 1782
Burritt MF: 1314
Burrow JP: 1315
Burrowes C: 5148
Burrowes CE: 1316, 1502–1504, 6385
Burrows EP: 9917
Burrows SD: 1641
Burrus GR: 129, 8843, 9178
Burry MT: 9519
Burstein M: 1317
Burstein Y: 3071
Burt VT: 1318
Burtin S: 316
Burton BK: 1319
Burton IE: 1320
Burul A: 3132–3133, 3140
Bury J: 2700
Burykina GN: 1321
Burykina IA: 8412
Busanny-Caspari W: 8263
Busby TF: 1322
Buscema M: 9499
Busch FM: 1323
Busch H: 1324, 3215, 5826
Buschiazzo HO: 9362
Buselmeier T: 7708
Bush H: 1325
Bushe KA: 6484
Businco L: 1326
Buskard NA: 1327–1328, 3425

Busse T: 1329
Bussel A: 9458–9459
Bussière JL: 1330
Busslinger M: 3337
Bussmann L: 1331
Bussmann YL: 1332
Bussone G: 1333
Busygin DV: 1334
Buth J: 1335
Butkowski RJ: 1336
Butkus A: 1337
Butkus DE: 4903
Butler KD: 1338
Butler MJ: 1339
Butler R: 6092
Butler RB: 4731
Butler VP Jr: 6713
Butler WT: 1340
Butoianu E: 1341
Butolin EG: 8366
Butt KM: 1342
Butterfield AB: 1343
Butterworth AE: 1956
Butterworth PJ: 5811–5812
Büttner M: 4746
Button L: 4656
Button LN: 1236, 10292
Butts WH: 10178
Butylin IuP: 9148
Buxman MM: 1344
Buxtorf JC: 618, 620
Buy JN: 7178
Buysschaert M: 5277
Buzzacchino A: 520
Buzzi F: 2652
Byars TD: 1345
Bychkov SM: 1346, 10208
Byfield PG: 9916
Bykov AP: 57
Bykova AA: 10212
Bykowska K: 1347–1348
Bylinkina VS: 5406
Bynum LJ: 1349, 9992
Byrd EW: 1425
Byrd EW Jr: 975
Byrn JR: 1350
Byrne GI: 1351
Byrne J: 1352–1353
Byrne R: 447
Byrnes DJ: 1354
Byrom FB: 1355
Byshevskii ASh: 6406
Bystritskaia AF: 8647

C

Cabades F: 6829
Caballeria Rovira E: 7965
Cabane J: 689
Cabilly S: 1356
Cabot CL: 6837
Cabral RB: 1430
Cabrer B: 3346
Cabrol A: 1357–1358, 7792
Cabrol C: 1358, 7792
Cade JF: 1359, 2937
Cade R: 1360
Cadet J: 1361–1362
Cadranel S: 7702
Caen J: 4304, 4593, 7568
Caen JP: 1363, 2559, 4592, 4594, 5318–5319, 5321–5324, 5817, 6102, 8935, 9252, 9833–9835
Cafiero F: 1219
Cafiero M: 1364
Cagan RH: 6349
Cahlin E: 1615
Cahn RL: 4232
Cahnmann HJ: 1550
Caillet J: 9827
Cain PT: 1400
Cairncross KD: 584
Cairns JW: 1365
Cairo-Antelo JM: 1366
Cairoli G: 174
Cajozzo A: 472
Cajthamlová H: 648
Calabuig J: 9549
Calanchini PR: 2321, 3541
Calandriello B: 685
Calberg G: 1367
Caldwell FT: 2687
Caldwell TB 3d: 1368
Caliandro LP: 1432
Calkins E: 10080
Call TW: 4380
Callaghan OH: 9417
Callaghan P: 3315
Callahan EN: 3232
Callahan LT 3d: 7290
Callahan W: 3512
Calle R: 3712
Callec A: 1057
Calvanico NJ: 1314
Calvert DN: 5279
Calvert MH: 1369
Calvo C: 5864
Calvo G: 692
Calza G: 1370
Camacho Martínez F: 301, 2014
Camara D: 3479
Camargo AC: 6844
Camargo EE: 5186
Camargo NP: 1453
Cambiaso CL: 1709
Cambie E: 2758
Cambouroglou G: 1371
Cambria S: 2922
Camelot G: 1597, 9859
Camenisch R: 1372
Camerini F: 4809
Camerini-Otero RD: 8658
Cameron DJ: 1373
Cameron JS: 1374–1376
Cameron WR: 1463
Cameroni R: 1377
Camp FR Jr: 1982, 5740
Camp JC: 143
Campagna G: 7747
Campbell AJ: 6708
Campbell AL: 5925
Campbell FP: 1378
Campbell HD: 1379, 2532
Campbell IC: 5921
Campbell IW: 2767
Campbell JB: 1380
Campbell JR: 3651
Campbell LD: 9789
Campbell M: 1381, 4546
Campbell PN: 1816
Campbell RC: 1382
Câmpeanu A: 6618
Campo C: 3121
Campos J: 1485
Camussi G: 9566
Camussi J: 719
Canalis R: 5018
Canalis RF: 4895, 8350
Cancarini GC: 4032
Candi L: 9484
Candia Carnevali M: 1383
Canepa G: 2443
Canino C: 1908
Cannarella C: 4505
Cannarozzi DB: 1384
Cannistraro S: 1385
Cannizzaro MA: 9589
Cano A: 1386
Cano MC: 9549
Cano PO: 7010
Canos AJ: 1819
Canoso RT: 1387
Cantarini G: 2540
Cantor DK: 1388
Canu P: 7017
Canut Y: 1462
Caparovski S: 7149
Capek A: 7010
Capell HA: 2412
Capertone EM Jr: 5770
Capesius P: 9495
Capétanakis J: 6974
Capitanio A: 5855, 7005
Caplan AI: 1389
Caplin JA: 1390
Capony JP: 1391
Caporale G: 4152
Capotorti M: 2508
Cappa F: 1392
Cappelen C Jr: 5116
Capperauld I: 1393, 10056
Cappuccio P: 8326–8328, 8327–8328, 8330
Capra JD: 1394
Capriles A: 1390
Caprini J: 1687
Caprini JA: 1395–1398, 3556, 3856–3857
Capritti AG: 1399
Capulong ZL: 5292
Caputi E: 976
Caputo M: 5866
Caraceni T: 381
Caracino A: 1702–1703
Caramello E: 9566
Caran M: 4312
Caraveo J: 1400
Carbon C: 5166
Carbone P: 2673
Carbonell AW: 9955
Carbonell F: 9549
Carcassonne M: 746
Card RT: 8557
Cardamone JM: 1401
Cardenal del Valle C: 7711
Cárdenas M: 1264
Cardesa A: 7351–7352, 7352
Cardi E: 1326
Cardino L: 7177
Cardoso RD: 1402
Cardozo S: 2128
Carella AM: 1403
Carelli E: 9311
Caresano A: 1404
Caresano G: 1405
Carey DJ: 4006
Carey HM: 1406
Carey JC: 3955
Carey RN: 5132
Carey RW: 8024
Carl WR: 7510
Carlassare F: 1008
Carlile SI: 9988–9989
Carlin G: 1407
Carlson LA: 2371, 3725–3726
Carlson RG: 7527
Carlson SS: 1408
Carlson TH: 1409, 9891
Carlsson A: 1410
Carmack C: 7644
Carman FR: 7473
Carman FR Jr: 7474
Carmany T: 2866
Carmel RJ: 1411
Carnazzo AJ: 5883
Carnelli V: 1412
Carney DH: 1413
Carney J: 5177
Carnot F: 7566
Caro DJ: 1414
Caron J: 1415
Caron-Poitreau C: 1415
Carozzi S: 6262
Carp C: 6618
Carp H: 4275
Carpenter CB: 3312, 8817
Carpenter G: 1416
Carpenter MR: 7072–7074
Carpenter NH: 1417
Carpenter WT: 6451
Carpentier A: 2271
Carr AA: 9931
Carr DT: 3608
Carr DW: 3162–3163
Carr ME Jr: 1418
Carr SH: 8895
Carrabba M: 1419
Carrasco D: 6829
Carraway KL: 205
Carreira J: 1420
Carrell RW: 1143, 6936, 10009
Carretero MM: 801
Carretero OA: 1421–1422, 3496
Carretta RF: 1423
Carrizosa J: 5393
Carroll E: 8209
Carroll EJ Jr: 1424–1425
Carroll J: 8770
Carruba MO: 7188

Carruette A: 7417
Carson PH: 13
Carta S: 413
Cartault F: 6839
Carter AB: 526
Carter DB: 1426
Carter JM: 1427
Carter RL: 1428
Cartia Q: 1429
Carton M: 191
Cartwright E: 7590, 8304
Căruntu M: 6148
Carvalho A: 926, 1086, 1918
Carvalho AC: 1430–1431
Carvalho N: 5186
Casale F: 2505
Casale G: 1432
Casals F: 1454
Casara P: 5499
Casarella WJ: 1433
Casari MG: 2540
Casaril M: 7116
Casarotto D: 1489
Casas ER: 1434
Casellato MM: 1435
Cash JD: 1436, 7104
Casillas E: 1437
Casillas G: 1438
Casillas Jiménez JL: 8498
Caskey CT: 8027
Casley-Smith JR: 1439–1441
Casolo P: 1442
Caspers ML: 1443
Caspi E: 7519
Cassidy J: 6882
Cassman KG: 2220–2221, 2223
Cassuto E: 1444
Castagna M: 1445
Castaldi PA: 1740, 6441
Castañeda N: 1446
Castaneda-Zuniga WR: 2729
Castania A: 7791
Castberg HB: 8138
Castberg T: 1447
Casteels-Van Daele M: 2362
Castel A: 9492
Castellan RM: 1448
Castellino FJ: 445–447, 1449–1451, 3255
Castello A: 5761
Castello G: 1452
Castigli E: 2157
Castilho OT: 1453
Castillo O: 7742
Castillo R: 1454
Castle AG: 1455, 1823
Castor CW: 1456
Castro JE: 5169
Castro O: 1457
Castrup W: 3746
Catala J: 1458
Catchpole HR: 6173
Cate JW: 4317
Catoni-Charpentier MP: 1459
Catsimpoolas N: 8567, 9715
Catt KJ: 2283
Cattan A: 1460
Cattaneo G: 6525
Cattell V: 1461
Cauda F: 5230
Causer DA: 9655
Causse J: 1462
Cavallari V: 2922
Cavalli F: 1221
Cavallo T: 1463
Cavanagh D: 1464–1465, 7478
Cavé A: 3839
Cave FD: 4052
Cavenaghi AE: 2023, 2026
Cavill I: 2597
Caygill CP: 1466
Cayla J: 1467, 7746
Cazenave JP: 1468–1469, 4729, 7550–7551
Cazenave J-P: 1470
Cazzulo JJ: 4416
Cdun-Tărăbuţă G: 9016
Ceccon MA: 2076
Cech T: 1471
Cechová D: 1472
Cedar L: 1092
Cederbaum SD: 907
Cederblad G: 3554
Cederholm-Williams S: 6214
Cederholm-Williams SA: 1560
Cedermark BJ: 1473
Cefalo RC: 3584
Cejka J: 4666
Celada A: 1474
Celada F: 1104
cell movement/drug eff: 9658
Cella G: 3132, 3134, 3137, 3141
Cellerino R: 7116
Cemassieux S: 1475
Center EM: 1476
Cepelák V: 1477
Cepelja Z: 1478–1479
Cerbone C: 2018
Cerda J: 1818
Cerf O: 1480
Ceri H: 1481
Cerlek S: 1482
Cernohorský J: 1483
Cerny LC: 7402, 8756
Cerottini JC: 9191
Cerretelli P: 1484
Cerrito F: 9260
Cerulli-Irelli L: 9881
Cervantes A: 1485
Cervantes LF: 78
Cesareo R: 1486
Cesaria R: 5836
Cesco G: 1487
Cestari G: 6952–6953
Cetina Sauri G: 1488
Cetino MS: 821
Cévese PG: 1489
Cezard R: 1462
Chabner BA: 8835
Chachaj W: 1490
Chachiia GI: 8393
Chacko S: 49
Chae CB: 1426, 2909
Chagas JP: 3238
Chagniel G: 5887
Chai H: 8221
Chaialo PP: 1491
Chaitoff J: 1772
Chajek T: 1492–1494, 8777
Chakhunashvili OS: 8384
Chakrabarth R: 6048
Chakrabarti R: 1207, 4783, 6049
Chakrabarti S: 1495, 5159
Chakrabarti SG: 3603
Chakrabarti SK: 7989
Chakraborty DP: 1496
Chakravarti RN: 1497
Chakravarty S: 5356
Chalant C: 6319
Chalant CH: 4300
Chalimova RA: 1498
Challamel MJ: 3119
Chalon J: 5300
Chaloupka J: 1499, 4548
Cham BE: 1500
Chamaillard L: 5403
Chambaz EM: 1674
Chamberlin MJ: 7159
Chambers A: 1729
Chambers AA: 5621
Chambers GK: 1148
Chambers JL: 4924, 8873
Chambourlier P: 2225
Chambron J: 4625
Chamlian A: 707, 1593
Champe SP: 1605, 4943
Champetier J: 1501
Champeyrous J: 1330
Champeyroux J: 9152
Chan CC: 2354
Chan JY: 1502–1504
Chan MC: 3853
Chan PC: 1690
Chan-Shu A: 1980
Chanarin I: 1365
Chanchole S: 5354
Chandalia HB: 1505
Chandler AB: 1506
Chandler JA: 268
Chandler P: 1112
Chandrabose K: 5199
Chandran KB: 9547
Chang B: 4718
Chang D: 3223, 5145
Chang I: 8148
Chang JK: 7128
Chang KH: 7540–7541
Chang KJ: 6175
Chang ML: 1507
Chang RS: 2350
Chang SH: 8102
Chang TS: 10276
Chang WJ: 1508, 9028–9029
Chang C-j: 1509
Changchien LM: 1510
Chanmugam D: 7485
Chao FC: 1511, 5244, 9821
Chao J: 5886
Chao W: 5863, 6668
Chaouche M: 2271
Chap HJ: 1512
Chapa L: 8818
Chapel A: 9301
Chapin ME: 1513
Chaplin H: 2773, 4185
Chapman HA Jr: 3831
Chapman R: 1514
Chapman RG: 1515
Chappuis-Arndt E: 4437
Chaptal PA: 2262, 5362
Chapuis RM: 4917
Chapuis Y: 1516, 3191
Chard T: 3272
Charignon G: 1501
Chariot J: 1517
Charles G: 1057
Charlesworth D: 1518, 4052–4053
Charlesworth MC: 1519
Charleux J: 1520
Charo I: 2582
Charo IF: 1521–1523
Charreau E: 2283
Chary S: 1524
Chase NE: 2480
Chase RA: 8496
Chasens AI: 1525
Chassaigne M: 8867
Chassin R: 3871
Chataing B: 1630, 9652
Chatelan M: 7972
Chatterjee KN: 2253
Chatterjee SN: 1526
Chau PY: 1527
Chaudhari A: 1528
Chaudhry PS: 193
Chaudry IH: 5808
Chauve A: 2237–2238
Chauvet J: 1529–1531
Chauvet MT: 1530–1531
Chauvière M: 1532
Chauvin M: 3004
Chaux A: 5988
Chavin SI: 2409
Chazov EI: 1533–1534, 9283
Chebotarev DF: 1535
Chediak J: 1536
Chediak JR: 1537, 3356
Cheigh JS: 1538, 7639
Chekalina SI: 475, 478
Chekareva GA: 8325
Chekman IS: 1539–1540
Chelazzi G: 1541
Chemm LV: 9357
Chen AB: 1542, 1546
Chen BL: 7289
Chen CY: 4546
Chen IW: 8780
Chen JH: 1543
Chen JJ: 1544
Chen JP: 1545
Chen LB: 1546, 10244–10245
Chen PS: 595
Chen R: 1547
Chen YC: 6925
Chen YH: 1548
Chenboricova GSh: 9232
Cheng C: 3706
Cheng FH: 263
Cheng KW: 1549

Cheng RC: 2228
Cheng SY: 1550
Cheng YS: 1551
Chentsov IuS: 4879
Chepcheruk GS: 1552–1553
Chepoĭ VM: 2639
Chepurov AK: 1554–1555, 8468
Cheredeev AN: 3292
Cherenkova GM: 3513
Cherie Ligniere G: 1419
Cherkesova DU: 580
Cherkesova EN: 3229
Chermenskiĭ DN: 800
Chermet J: 1556
Chernaia FA: 932
Chernaia VV: 475
Chernesky MA: 5203
Cherniak VA: 1557
Cherniak VIa: 8465
Chernick SS: 5475, 6083, 8248
Chernobrovyĭ NP: 1558
Chernoff AI: 5467
Chernokhvostova EV: 3058
Chernyshev VA: 8559
Chernysheva LM: 1019
Cherrier F: 1559
Chertov OY: 6927
Chesnokov VN: 6101
Chesterman CN: 1560, 6313, 9219
Chesworth KA: 1561
Cheung HC: 3663
Cheung WY: 7180
Chevalley R: 1013–1014
Chevance LG: 5935
Chevrel B: 1562
Chevrot A: 7746
Chey WY: 1099, 1602
Cheylac JY: 7972
Chi MM: 6198
Chiang TM: 612, 1563–1564
Chiappo GF: 1565
Chiarini F: 1566–1567
Chiarugi VP: 370, 1568, 9523
Chiave P: 1569–1570
Chiba S: 8296
Chibata I: 4757
Chibber BA: 1571
Chibireva EM: 2445
Chiche B: 1516
Chiche P: 692, 10020
Chien S: 1572, 4269, 9223
Chiericato G: 1573, 1857
Chiericeto G: 3108
Chiesa GM: 1574
Chifan M: 5254
Chigasaki H: 9819–9820
Chignard M: 1575
Ch'ih JJ: 1576–1577
Chihara-Nakashima M: 1578
Child JA: 1320
Childs GE: 1579
Chillar RK: 712, 1580, 10292
Chilliard Y: 1581
Chinn DJ: 1582
Chioin R: 1219, 1583
Chirkova LD: 9434
Chirvasie R: 7053
Chisari FV: 1584
Chiu HM: 1585–1586
Chiu JF: 1196
Chiu T: 2835
Chiu TC: 1587
Chiu TH: 6735
Chmiel H: 1588
Chmielewska I: 4941–4942
Chmielewska J: 1589
Chmielewski J: 1590, 7571
Choay J: 5575
Chohan IS: 1591–1592
Choi HK: 7752
Choi TS: 175–177
Chollier A: 7589
Cholt M: 4472
Cholvin NR: 10174
Chometowski S: 1593
Chomette G: 1594
Chong EK: 350
Chong G: 1595, 4588–4589
Chopin J: 1596, 4625
Chopra SK: 9088–9090
Choromokos E: 3274, 3906
Chorvat G: 1597
Chou CH: 1598–1599
Chou FC: 1598–1599
Chou IN: 1600
Choubrac P: 7566
Choudhury SK: 1496
Chowanetz W: 1601
Chowdhury AR: 1602
Chowdhury KL: 1603
Chowdhury NK: 8371
Chowrashi PK: 1604
Choy WN: 1605, 4943
Chreitien PB: 6563
Chretien M: 6138, 8282
Chrisman OD: 1606
Chrispeels MJ: 599
Christ W: 3959
Christensen BE: 1607
Christensen LK: 3611
Christensen P: 1608–1610
Christensen SB: 7023
Christensen TB: 1611
Christensen U: 1612–1614
Christiansen LA: 1615
Christianson HB: 1616
Christie JH: 9155
Christine BW: 8165
Christoffersen JK: 3609
Christophe J: 9999
Christopher LJ: 1617
Chrobák L: 256
Chu DK: 2410
Chu FS: 1618
Chu LL: 5700
Chua NH: 2183
Chuang HY: 1619, 5966–5967, 6253
Chubsheva MD: 7911
Chubukova AL: 6114
Chudnovskiĭ ME: 1027
Chulavatnatol M: 1620
Chulay JD: 1621
Chulkova IF: 2367
Chulkova T: 1622
Chumakov VN: 5003
Chumakova VP: 1623
Chun PW: 1624
Chung BH: 4227
Chung D: 2214, 5425–5426
Chung H: 8268
Chung J: 1625
Church JP: 5327
Chute A: 1626
Chye LE: 5118
Ciabattoni G: 7046
Ciammaichella A: 1627
Cianchetti E: 1702–1703
Cianci S: 1628
Ciaranello R: 6452
Ciardini A: 1629
Ciavarella A: 8681
Ciavatti M: 1630–1631
Cicmanec JL: 5530
Cierniewski C: 7254
Cieslar P: 1632, 3802
Cieśluk S: 4953
Cihák A: 4906
Cihák J: 1633
Cimo PL: 1634, 6242–6243
Cina G: 6275
Cinkotai FF: 1582
Cinti DL: 1635
Ciontea M: 6618
Ciosek W: 4497
Cirillo VJ: 9140
Cirstea M: 1636
Cisek T: 5242
Citterio LE: 5854
Civardi E: 2103, 7305–7306
Civetta JM: 8040
Cížková J: 4906
Claesson HE: 1637, 5477
Claeys H: 5759
Claeys M: 7667
Clagett J: 2462
Claggett CE: 9860
Clairmont AA: 1738
Clark CT: 6619–6620
Clark F: 1638
Clark GM: 1811
Clark JM Jr: 5368
Clark K: 1639
Clark KG: 1992
Clark MG: 3966
Clark R: 8841
Clark RB: 643
Clark RE: 1640–1641, 2400
Clark RW: 1196
Clark SS: 7504
Clark WH Jr: 6151
Clark RAF: 1642
Clarke FH: 1643
Clarke N: 10060
Clarke PD: 1644
Clarkson AR: 8340
Clarkson TB: 9725–9726, 10263
Clasen I: 10087
Clasuss RH: 9153
Claudi B: 6413–6414
Claudy AL: 6901
Claus DR: 1645
Clausen J: 4326
Claussen C: 5544
Clauvel JP: 1646
Claveria LE: 4630
Clavin SA: 1647, 4067
Claxton GP: 3429
Clay CI: 1648
Clayson KJ: 1308
Clayton JK: 1649–1650, 2708
Cleary PE: 1651
Cleaton-Jones P: 4703
Cledes J: 10171–10172
Clegg JC: 4635
Clejan L: 1652
Clemenson G: 1200
Clement AJ: 2818
Clemente C: 1653
Clemente F: 2302
Clementi F: 8431
Clemetson KJ: 1654, 4317
Clemmensen I: 1614, 1655, 6432
Clendenning WE: 8828
Clerc G: 982
Clerck FD: 1656
Cleve H: 4081
Cleveland DW: 1657
Clifford JR: 532, 1658
Clift R: 5684, 5688
Clift RA: 1308
Clifton-Bligh P: 2939
Clink HM: 8613
Clinton GM: 1659
Cloarec M: 3334, 9326
Clodius L: 1440, 1660–1662, 7205
Clorius R: 8173
Closset JI: 1663
Clot J: 7979
Cloud S: 3639
Clouet DH: 1664
Clouse R: 778
Clowes AW: 1665–1666
Clowes GH: 1667
Cluff LE: 6022
Clumeck N: 1668
Cluzan R: 997
Clydine HR: 1323
Clyne MJ: 1669
Coallier-Ascah J: 2080
Coates G: 1670
Coates M: 1671
Coates P: 3929
Coburn T: 4452
Coca MC: 7740
Coccheri S: 1672
Cocco C: 9308
Cocco L: 1673
Cocconcelli P: 9067
Cochet C: 1674
Cochran M: 1675
Cochrane CG: 3397–3398, 7585–7586, 9403
Cochrane NE: 4043
Cocito PL: 1676
Cockcroft DW: 1677
Cockroft DL: 6605
Coder C: 2780–2781
Codogno P: 1531

Coe AW: 334
Coel MN: 6768
Coeugniet E: 1678–1680
Coffe C: 3814
Coffee CJ: 1681
Coffer AI: 1682
Cofrancesco E: 1786
Coggins JR: 5623
Cohan S: 3031
Cohen AM: 5829
Cohen AS: 5433
Cohen BH: 1683
Cohen BL: 1684
Cohen BM: 1685
Cohen C: 9279
Cohen DJ: 1686
Cohen E: 1395, 1687
Cohen GN: 1949, 2680–2681
Cohen IJ: 1688
Cohen IR: 5518
Cohen JA: 1689
Cohen JR: 5095
Cohen JS: 6679
Cohen L: 7238, 7643
Cohen LA: 1690
Cohen LS: 1691
Cohen MH: 1692
Cohen N: 1693
Cohen P: 1694, 4333, 7185–7186
Cohen S: 1416
Cohen SM: 1695
Cohn DV: 5700
Cohn J: 1696, 2335, 3950
Cohn LH: 1697
Cohn Z: 6688
Cohn ZA: 822, 2336
Coirault Y: 3087
Colasanti G: 514
Colby C: 408
Cole AT: 5861, 6314
Cole BR: 134, 7688
Cole ER: 1698
Cole FH Jr: 1699
Cole HA: 6258
Cole JO: 8085
Cole KW: 2911, 5170
Cole RB: 6607
Cole S: 1700–1701
Colecchia G: 1702–1703
Coleman DI: 5336
Coleman DJ: 1704
Coleman M: 8106
Coleman MS: 3377
Coleman PL: 1705
Coleman RE: 3664–3665, 5297, 9158, 9882
Colï G: 685
Colin JF: 2125
Colina-Chourio J: 1706
Colită A: 1341
Colizzi E: 1707
Collantes Puertas P: 6730
Collard M: 997
Collen D: 1708–1711, 8311
Coller BS: 3336
Colley AM: 9731
Collica F: 472
Collins GJ: 10204
Collins GJ Jr: 1712–1714
Collins JH: 1715
Collins JJ: 8041
Collins JJ Jr: 1697
Collins JR: 2550
Collins ML: 1716
Collins P: 1717
Collins WF Jr: 1176
Collo VD: 1718
Collot D: 1719
Colman RW: 198, 1430–1431, 1720–1722, 3781, 5510, 5838, 6064, 8380, 8539–8540
Coln D: 5529
Colobert L: 3492–3493
Colognese L: 1853
Colombani J: 1723
Colombani M: 1723
Colombetti LG: 1724
Colombi P: 7117
Colombo B: 1419, 3253
Colón VF: 1725
Colten HR: 8881
Coltman CA Jr: 1726, 4903
Colvin MP: 1727
Colvin RB: 2313
Colwell JA: 1728–1729, 3347, 5561
Colwell RR: 8638–8639
Comas MR: 1465
Combe J: 1730, 6178
Comelli A: 5972
Comfurius P: 10306
Comi G: 6284
Commandre F: 3487
Common HH: 7750
Compte J: 4301
Comroe JH Jr: 1731
Conard J: 1732–1733, 2726, 5287, 6326
Conceição A: 7408
Concha G: 5205
Concord E: 691
Condie RG: 1734–1736
Condit C: 6848
Condorelli P: 2307
Conill C: 2926
Conio G: 1737
Conley JJ: 1738
Conn DL: 1739, 8187
Conn J Jr: 4042
Conneally M: 2321
Conneally PM: 3541
Conneely GS: 1511
Connell RS: 3651, 6820
Connellan JM: 1740
Conney AH: 4502, 5053
Connolly ES: 1658
Connolly JD: 7414
Connolly RC: 1741
Conrad HE: 8442–8444
Conrad ME: 87
Conrad ME Jr: 7615
Conradie JD: 1233
Conseiller C: 1742
Conso F: 3004
Conso JF: 852, 5191
Console V: 1743, 2607, 5866
Consolo F: 512
Constantinesco A: 8215
Constantinides P: 1744
Conte M: 5438
Conti A: 1745
Conti MA: 49
Contini S: 2912
Contreras TJ: 1746–1747
Convery R: 1092
Convit J: 385
Conway E: 854
Conway WD: 5293
Cook RT: 8619, 9117
Cooke AR: 7713, 7715
Cooke ED: 1748, 3272, 7497
Cooke JP: 1749
Cooke RJ: 4622
Cooley DA: 1750, 6792, 6902
Coombe RG: 1751
Coombs RR: 544
Coon WW: 1752
Cooney DA: 1753
Coope J: 7297
Cooper B: 1754
Cooper GW: 1754
Cooper HA: 1755
Cooper JD: 2602
Cooper JF 3rd: 7784
Cooper JK: 6143
Cooper KD: 1756
Cooper MD: 1757
Cooper P: 1758
Cooper RA: 1759, 8379–8380
Cooper RM: 1760
Coote JG: 1761
Cope DA: 1916
Copeland JG: 3395
Coper H: 3959
Cophignon J: 1648
Copland GM: 1677
Copley AL: 1762
Coppeto J: 1763
Coppola L: 2050, 7380
Coppola PT: 6605
Copti MC: 1764
Coqueran J: 2237
Coqueran JE: 2238
Coquil JF: 1765
Corash L: 1766
Corbara F: 1583
Corberand J: 989
Corbett WE: 1058
Corbin JD: 1767, 8915
Corby DG: 1768
Corcelle P: 1769
Corcelle-Cerf F: 5165
Corcoran B: 356
Corcoran E: 1770
Corcoran RJ: 1771
Cordaro V: 513
Cordasco EM: 1772
Cordero AA: 10072
Cordoba A: 1773
Córdoba F: 79
Córdoba Senties A: 2638
Cordone G: 5972
Cordova C: 473
Cordy DR: 4229
Corea L: 1774
Corey EJ: 1775
Corey JE: 1776–1777
Cork MS: 3315
Corman J: 1778
Cormey M: 6218
Cormier JM: 1779, 2633–2634
Corn M: 1780
Corňák V: 6156
Cornelius LM: 1781
Cornell CJ Jr: 8024
Corney G: 4743
Cornillot P: 3001
Cornu G: 4300
Cornu P: 1782
Corone P: 1358
Corpechot C: 923
Correa P: 47
Corrigan DF: 1783
Corrigan JJ Jr: 247, 1784, 1859, 4765, 7757, 10027
Corrigan TP: 4459–4460
Corsin J: 1785
Corson JD: 4364
Cortellaro M: 1786
Cortese CJ: 1787
Cortesini C: 1266
Corthorn J: 7686
Cortinovis A: 1788
Corvol P: 617
Corya BC: 7492
Cosby LA: 1789
Coscas G: 1790, 7533
Cosemans J: 2362
Coser P: 3135
Cosgrove GE: 2646
Cossel L: 1791
Cossman D: 7766
Cosson A: 2657
Cosson MP: 1792
Costa A: 1006, 1793
Costa E: 10127
Costa JL: 1794–1799
Costa e Silva M: 1800
Costantini A: 1801
Costenbader M: 8698
Costero C: 1802
Coteaţă V: 1636
Cotran RS: 8294
Cottafava F: 5972
Cotter R: 1803
Cottier H: 4615
Cotton R: 5332
Cotton TL: 1804
Cottrell BA: 1805, 2219–2221, 2223
Cottrell M: 5688
Couch NP: 10173
Couinaud C: 7441
Coulet M: 7506
Coulomb M: 7002–7003
Coulston F: 7242
Coulthard SW: 10051
Counts RB: 8587, 9196
Coupek J: 7659
Courbier R: 1806–1807
Courey NG: 176–178
Courreges JP: 1808

Coursey RD: 1246
Courtis M: 3304
Courtney J: 5483
Courtney JM: 1809
Courvoisier E: 5001
Courvoisier JN: 6178
Couser WG: 1810
Cousineau G: 3841
Cousineau L: 5578
Cousinou V: 7751
Coutinho A: 7127
Covi G: 5280–5281
Cowan RE: 1811
Cowett RM: 3562
Cowgill RW: 6078
Cowley RA: 392
Cowper SV: 1992
Cox BM: 7772
Cox C: 6852
Cox PJ: 1812
Cozzari C: 7330
Craddock PR: 1813
Craft DL: 6012
Crafts D: 1814
Craig A: 5527
Craig C: 4381
Craig JC: 1815
Craig RK: 1816
Craig WR: 1130
Cramer JF: 6177
Crane LJ: 1817
Crane R: 518
Crane RK: 1818
Crângulescu N: 6148
Cranley JJ: 1819–1820, 3094
Craswell PW: 5734
Cravalho EG: 5381–5382
Craven ER: 3462
Craven GR: 1510
Cravetto CA: 1821
Crawford BD: 548
Crawford FA Jr: 7881
Crawford GP: 6797
Crawford JS: 1822
Crawford N: 454, 1455, 1823, 4225, 9113–9114
Crawford GPM: 7574
Creighton TE: 1824–1826
Cremer H: 9322
Cremer N: 4451
Cremona JH: 571
Cresanta DA: 1827
Creter D: 1828–1829, 6598
Crétien.: 8283
Crețu G: 7386–7387
Creutzfeldt W: 5198
Crewe PR: 7960
Crickenberger DP: 625
Crippa A: 1788
Crippa M: 5554
Crippen GM: 1830, 5076
Criscuolo D: 5836
Crisé C: 1475
Crisnic: 6529
Crispin JR: 5712
Cristal N: 1831
Cristau P: 2514
Crittin J: 1832
Crivelli G: 1404
Crockatt D: 6828
Crocker DL: 8887
Crodel HW: 1833
Croft DN: 1200
Crombie G: 8842
Cromie WJ: 1834
Cromwell LD: 1835–1836
Cronau LH: 4566
Cronberg S: 5032, 5035
Crone RA: 1837
Crook BR: 1838
Crook L: 1729
Crooks J: 1839
Crosby WH: 1840–1841, 9109
Crosby WM: 7241
Crosier JH: 582
Crosland-Taylor PJ: 526
Cross AS: 1842
Cross DE: 1843
Cross M: 6679
Crotty C: 1349
Crow EW: 6060
Crow KD: 1844
Crow MJ: 7458
Crow TJ: 435, 6934
Crowe RM: 7636
Crowell EB: 2329
Crowell EB Jr: 3172
Crowley JP: 1845, 8567
Crowley M: 3174
Crowther D: 1846
Croxatto H: 7686
Croxatto HR: 1847, 7687, 7749
Croxatto RH: 7330
Croxen RL: 5056
Crummy AB: 9838
Cruz GO: 5878
Cruz-Coke R: 1848
Cryer A: 1849
Crystal RG: 3989
Csaba B: 2612, 2616
Cserháti I: 1850, 5005–5008, 5006–5008
Cserna E: 1851
Csongor J: 2614
Csonth J: 6949
Cuatrecasas P: 6175
Cuatrecases P: 5199
Cucuianu MP: 1852, 4374, 7322
Cudkowicz G: 10185
Cue R: 3121
Cuesta B: 250–251
Cuglola L: 1853
Cuillière M: 1559
Cuisset P: 7793
Culasso DE: 2211
Cullen DJ: 1854
Cullen JB: 2602
Cullen MJ: 1855
Cullen SE: 8434
Culp HR: 908
Culver-James JW: 320
Cumming PC: 7085
Cumming RD: 6735
Cunescu V: 8251
Cunliffe DJ: 1856
Cunliffe-Beamer T: 5338
Cunnanan E: 175–176
Cunningham A: 1857
Cunningham DD: 1137, 1413
Cunningham FG: 7381
Cunningham JN: 4170
Cuocolo R: 1858
Cupp LE: 6355
Curless RG: 1859
Curman B: 7140
Curradi C: 255, 6276
Curran JP: 1727
Curreri PW: 8517
Currie WR: 1860
Curry JT: 1861
Curry RC Jr: 1862
Curtaz G: 1821
Curtin MJ: 1863
Curtis CG: 1864
Curtis JJ: 10178
Curtis JR: 1865
Curtiss LK: 1866
Curtoni ES: 1867
Cuschieri A: 10071
Cushing WJ: 5760
Cusick JF: 1868
Cusimano VJ: 1869–1870
Cuteudache C: 1871
Cutler D: 1872
Cuzner ML: 1873
Cvetković V: 460
Cviklinski B: 1075–1076
Cvoric J: 1039
Cylwik B: 1874
Cymerman A: 5762
Cywes S: 5508
Czabanová V: 10199
Czarnomska A: 9011
Czech MP: 1875
Czech W: 1876
Czembirek H: 7274
Czernicki Z: 1877, 4433
Czernobilsky B: 1012
Czerwinski CL: 1783
Cziráki L: 1878
Czygan P: 9344
Czyz PL: 4043

D

Daabis NA: 2411
Dab I: 4450
Dabbous MK: 1879
Dąbrowski R: 1880
Dąbrowski Z: 10034
Dackis C: 8930, 8932
Dadd M: 1881
Dade AW: 9979
Dady PJ: 1882
Daems L: 9606
Dagan R: 1883–1884
Dagenais GR: 1885
Dagg JH: 9207
Daggett WM: 1918
Dagorn JC: 1886
da Graça M: 7955
Daguerre R: 8280
Daguhn D: 4858
Dahl H: 1887
Dahl JR: 1888
Dahl K: 1889
Dahlager JI: 846
Dahlbäck LO: 1890
Dahlgren S: 80
Dahlie JG: 4747
Dahlmann W: 1891
Dahm CH Jr: 7478
Dahr W: 1892
Daiber A: 721, 1893
Daicker B: 1894
Daicoff GR: 9254
Daillie J: 8719–8720, 8720
Daimon T: 1895
Dainty RH: 2515
Daitoh N: 5994
Dajani YF: 1896
Dale C: 1897
Dale DC: 7378
Dale J: 1898–1901
Dale WA: 1902
Dalen AB: 1903–1904
Dalen JE: 1905
Dalens B: 7506
Dales S: 8804
Dalessio DJ: 1906
Dalgard DW: 47
Dalichau H: 1907
Daliento L: 1583
Dalinka MK: 1908
Dalla Volta S: 1489, 1583
Dall'Acqua F: 4152, 7705
d'Allaines C: 2271
Dalldorf FG: 1909
Dalling MJ: 8405
Dallner G: 898
Dalmasso C: 2644
Dalmosso AP: 1813
Dalrymple GV: 823–824
Dalsgaard J: 3296
Daly JJ: 1910, 4903
Daly RF: 1911
Dam H: 1912
D'Amaro J: 9527
Damas J: 2005, 6383
Damasio EE: 1403
Damasio H: 1913
Damaske E: 1914
Damholt V: 5209
Damian RT: 9336–9337
Damiano AM: 2050, 7380
Damjanov I: 7803
D'Amore P: 1915
Damude LC: 1916
Damus PS: 1917, 8608
Dana B: 1918
Danber M: 7819
Dancey GF: 1919
Danes BS: 1920
Daničić B: 2169
Daniel JW: 1921
Daniel RH: 1922
Danielová V: 9626
Daniels JR: 9976

Danielsson ML: 1923
Daniiarov SB: 3410
Danilenko AM: 1924
Danilenko MV: 1925
Danilevskiĭ NF: 1926
Danilichev VF: 9676
Danilova LA: 1927
Danish EH: 4795
Danishefsky I: 1928–1929, 9633
Dankberg F: 1930
Danna BL: 1388
Danneman PJ: 1931
Dannenberg AM Jr: 8625
Dannenberg C: 2466
Danner SA: 1932
Danon D: 1933, 8573
Dany A: 5354
Danziger J: 1934
Danzinger RG: 4848
Dao TL: 8160
D'Aoust BG: 1437
Da Prada M: 5571
Darbre PD: 1935–1936
Darewicz J: 10290
Dargaeva TD: 1937
Dar'ialova SL: 760
Darias V: 3252
Darley JH: 2671, 6214
Darling RC: 1335
Darmendrail J: 7972
Darnall DW: 867, 1938–1939
Darney PD: 1940
Darnez C: 494
Darszon A: 4796
Darte L: 7126
Das B: 62, 1719
Das BC: 1157, 7989
Das KC: 3504
Das M: 1941
Das P: 1942
Das SK: 6408
Dascălu M: 9016
Dasgupta BR: 1943
Dashevskiĭ IE: 8468
Dashtaiants GA: 1944–1945
Dassin E: 1946, 5405
Dastot H: 3125
d'Athis F: 2262
d'Athis P: 9227, 10272
Datsenko VL: 1947
Datskiv MZ: 8925
Datta R: 6846
Datta S: 492
Datuashvili TD: 7425
Dauchel J: 3384
Dauda G: 936
Daughtry JD: 1948
Daumet P: 2270
Dausset J: 5353
Dautrevaux M: 2004, 7796
Dautry-Varsat A: 1949
Dautzenberg B: 1733
Davenport K: 6446
Davey FR: 1950
Davey MG: 207, 1951, 5925
Davey RJ: 1952
Davey TB: 1953
Davi D: 9484
David CS: 1723
David D: 1954, 4977
David GS: 1955
David JR: 1956, 7195
David M: 1957, 6381, 8763
David PH: 1956
Davidson AR: 9972
Davidson BE: 3079, 8524
Davidson EA: 815
Davidson JF: 6448, 9745
Davidson JR: 9919
Davidson LM: 4998
Davidson MM: 1968
Davidson RG: 1958
Davidson VJ: 1120
Davidson NMcD: 9810
Davie EW: 1959, 2179, 2844–2846, 4750–4751, 4860–4862, 5315, 9554
Davies C: 8847
Davies DR: 8908
Davies DW: 1960
Davies LM: 5734
Davies M: 1961, 8496
Davies MR: 5508
Davies P: 1849, 1962–1963
Davies PF: 1964, 3258
Davies PL: 1965–1966, 3016
Davies RL: 7675
Davies SH: 1967
Davies T: 1968–1970
Davis A: 1971
Davis BK: 3265
Davis FB: 1972
Davis FF: 25
Davis GB: 1973
Davis HH: 5707
Davis J: 6384
Davis JL: 205
Davis JM: 6982
Davis JO: 1974
Davis KR: 9764
Davis PF: 1975
Davis RB: 5016
Davis RD: 1753
Davis TE Jr: 1976
Davis TS: 4348
Davison AM: 1144
Davison AN: 486, 1079, 1873
Davydov AA: 10233
Dawes PM: 8316
Dawiskiba J: 3382
Dawood AH: 5766
Dawson MH: 1748
Dawson R: 4816–4817
Dawson RB: 1977–1985
Dawson WJ: 3856–3857
Dax E: 4366
Day AR: 356
Day CE: 1986
Day HJ: 1987–1989, 6446
Day NK: 1990, 3125, 4551
Day RC: 1991
Day TK: 1992
Dayal P: 7652
Dayton S: 1993
Deacon SL: 1994–1995, 4016
Dean DA: 1996
Dean RH: 1997
Dean S: 7239
De Angelis P: 5631
de Aquino ME: 1446
de Azevedo HP: 1998
De Baere H: 1999
DeBakey ME: 2000
Debeaumont D: 7796
De Beer P: 2001
Debesse B: 2421
de Bethmann O: 7558
Debeys C: 6319
de Boer A: 7916
De Boissezon JF: 6879
De Boni JA: 3237
de Bono DP: 2002
de Bosch NB: 2003
Debov SS: 8649–8650, 9680
Debray C: 1517
Debray J: 3334, 5020
Debray-Ritzen P: 3231
Debrovner C: 766
De Bruijne J: 5975
Debuire B: 2004
Deby C: 499, 2005
de Campo T: 8040
De Carvalho: 2043
DeCastro-Costa MR: 2006
de Cataldo F: 2007
de Chadarévian JP: 4504
Dechavanne M: 1631, 2008–2009, 5133–5136, 5134–5136
de Cino P: 3806
Decker GA: 8278
Deckinga BG: 2010
De Clerck F: 2011
de Cock F: 1709–1710
De Cock G: 2012
Decoopman E: 2013
Dedonder R: 8787
De Dulanto F: 301, 2014
Deeb ZL: 2015
Deenichin P: 2016
Deeths TM: 2017
De Filippo P: 2018
Deflorio D: 7413
De Franciscis P: 783
deFremery D: 4823
Defreyn G: 2019
De Gaetani CF: 2020
De Gaetano G: 1257, 2021–2026, 2193, 2212, 6202, 7263–7264, 7560–7562, 9947–9949
De Gasquet P: 2027, 5345–5346, 7106
de Gee AL: 8591
DeGirolami U: 816
de Góes GM: 2941
Degos L: 1723, 3125, 5353, 9252
Degott C: 5277
de Graaf JM: 9492
de Graaf S: 8935
De Greef Y: 9606
De Grella R: 4802
DeGroot LJ: 7748
De Groote J: 2028
Deguchi K: 2029
De Haas GH: 2530, 7410
de Haën C: 2030
Dehaene JL: 5422
Dehaye JP: 9999
DeHeer DH: 1866
Dehon N: 9778
Deibler GE: 6693
Deimer E: 4704
Deisenhofer J: 3822
Dejanov II: 2031
Dejmek J: 2032
De Jong CA: 9489
de Jong JC: 9964
De Jong WW: 2033
deJongh DS: 4063
DeJoseph RL: 2034
Dejour H: 2008
De La Llera M: 4010
de la Luz Espinosa M: 5566
De la Paz Reyna M: 7244
de la Pointe L: 10268
de la Rocha AG: 2035
de La Tour J: 1517
De La Vega Vázquez JM: 2036–2037
de Lacroix WF: 9427
De Laey JJ: 2758
Delage JM: 2038
Delaitre B: 7357
De Lamo R: 5173
Delamore IW: 3304
De Lange JA: 2039
Delaruelle J: 2040
Delaunoy JP: 6277
Delbaere LT: 4025, 4265
Delbarre F: 373
Delbecque H: 2041–2042, 2760
Del Bianco PL: 255
Delboy C: 1075–1076
Del Conte G: 9612
Delcourt A: 1594, 3908
de León MD: 5566
Delettre YM: 1056
Del Favero C: 1404
Delgado F: 397
Delibasheva A: 5772, 6188
Deligdish L: 8487
Deligné P: 5781
de Lignieres B: 573
De Lima OG: 2043
Delimar N: 7923
Delinassios JG: 391
Delius W: 2489
Della Pietra D: 2044
Dellacha JM: 10209
Dellimore JW: 2045
Delobel J: 2046
de Lorimier AA: 2047
Del Piano M: 765, 1566–1567, 2048
Del Pino EJ: 6128
Delplanque B: 621
Delprat J: 7637
Del Prete GF: 792
Del Principe D: 1326, 2049–2050
del Regato JA: 2051
Del Rio HG: 2052
Delshammar M: 6806
De Luca G: 5657

DeLuca PP: 2230
De Luca S: 2053
Del Vecchio E: 244
Demain AL: 2803, 6796
Demandt A: 4238
Demaray SY: 6687
DeMarco A: 9723
de Marco L: 792, 2054–2055
Demarez JP: 2101
Demarquez JL: 407
De Martino G: 1858
de Matteis MC: 9611–9612
De Mauro G: 7813–7814
Dembińska-Kieć A: 3471
Dembowski J: 2056
Dembowski U: 2056
Demchenko AP: 10229
De Medicis E: 1068
de Médicis R: 2057
Demedts D: 3964
Demenkov VR: 2698
Demers LM: 4249
Demetriou AA: 8101
Demetriou D: 3241
DeMets DL: 670, 4766
Demian S: 6126
Demidenko OE: 2058
Demidiuk PF: 2059, 9144–9145, 9149
Demin NN: 3010
Demirjian Z: 7114
Demling L: 2205, 9387
De Moor P: 9490
DeMoss JA: 2060
de Mourgues G: 2061
Dempsey EC: 5337
Dempsey M: 420
de Muchnik EE: 5944
de Murciano A: 269
Demuth WE Jr: 6614
Den Herder BA: 1182
DeNardo G: 7294
DeNardo GL: 1423, 2062–2063
DeNardo S: 7294
DeNardo SJ: 1423, 2062–2063
Dencer D: 2064
Denck H: 2065, 2665
Dénes J: 953
de Nicola PE: 2066
Denine EP: 2067
Denis-Donini S: 2068
Denisenko GT: 7910
Denisenko PP: 29
Dennehy A: 10060
Denninger MH: 6368
Dennis B: 4669
Dennis DT: 2069
Dennis M: 7393
Dennis MB Jr: 1308
Dennis RC: 8404
Denson KW: 994, 2070–2071, 4150
Dent DM: 3729
Denti E: 9747
Denucé JM: 2072, 6629
Denys A: 9120
de Oliveira Stivanin HL: 2941
DePalma RG: 2073
Département d'Anesthésie-Réanimation, Groupe hospitalier La Timone – 13385 Marseille Cedex 4.: 2074
DePena ME: 2075
De Pisi C: 2076
de Pont JJ: 4623–4624, 4624
Deppermann D: 9344
Deppisch LM: 2077, 2562
Dequiret A: 6603
De Quiros B: 5927
de Quiros J: 5928
de Quiros JF: 2078
Dequirot A: 2079
Derbentseva EF: 9146
deRepentigny J: 2080, 5986
Dereume JP: 1668, 2081, 3225–3226
Deriagina GP: 2082–2083, 2948
Deriugo NK: 2084
Derks CM: 2085
Dermietzel: 248
Dermietzel R: 245–246, 2086
De Roo MJ: 8707
De Rose J: 9416
Derra E Jr: 5348
Deruty R: 1145
De Rysky S: 7981
Derzskaia SG: 5613
DeSa DJ: 2087, 9388
Desai AJ: 817
Desai ID: 4219
Desai R: 9779
Desai RG: 1634
DeSaive C: 4987
de Salvo Reinato JA: 6592
Desbiez A: 7506
Deschamps P: 2088
Descos L: 6189
De Sena J: 2089
de Seta L: 2090
Desgeorges M: 1145
deShazo RD: 2091
Desjardins C: 2092
Desmet L: 3964
Desmidt JP: 5343
Desmons F: 2093
Desnos J: 2094
Desnoyers P: 2095–2096, 2096
Desnuelle P: 9520
D'Esposito RF: 2097
Despot I: 2098, 5596
Desser KB: 5910
Dessypris A: 2167, 5835
de Swart CA: 2099
de Swiet M: 6889
de Tezanos Pinto M: 2100
de-Thé G: 6532
de Torquat S: 2101
de Tovar G: 2102
de Tribolet N: 7174
Dettori AG: 2103, 7306
Dettori G: 7305
Detwiler TC: 1521–1523, 1795, 5933
Deuel TF: 2104, 7336
Deutsch DG: 2105
Deutsch E: 591, 2106–2107
Deutsch S: 2108
Deutsch V: 4186, 6956
Devanesan M: 3318
Devanlay M: 89
Deveau T: 6930
Deverall PB: 82
Devereux DF: 2109
de Vernejoul F: 464
De Virgiliis G: 2110
De Vito E: 7686
Devlin SR: 3074
Devlin TM: 1576–1577
DeVoe IW: 2111–2112, 2112
Devos P: 8707
Devoyod JJ: 2113
De Vreker RA: 138
de Vries A: 4331, 6695
de Vries J: 9564
de Vries RR: 2114
De Vries W: 2115
de Vries WR: 2116
Devriese LA: 2117
Dewailly P: 2013, 4256, 8069
Dewar HA: 62
Deweese JA: 6585
Dewhirst MW: 2118
Dewhurst CJ: 2119
DeWitt RT: 2120
de Wolff FA: 2121
Dexter TM: 6185
Dey RN: 1496
Deykin D: 254, 1387, 2122, 2154, 5429–5430, 7657, 7855, 7939
Deysine M: 8351
Deysson G: 2123
Dezélée S: 8321
Dhaliwal GS: 2124
Dhall DP: 2125–2126
Dhall TZ: 2126
Dhermy D: 2127
Dhermy P: 1648, 2128
Dhien A: 1674
Dhurandhar HN: 1190
Diab A: 2129
Diachuk VV: 9221
Diamandi A: 9024
Diamond A: 2130
Diamond EL: 1683
Diamond LS: 9860
Dias R: 9791
Dias da Silva W: 4270
Díaz JL: 2131
Díaz de León Ponce M: 2132
Díaz-Flores L: 301
Díaz Maqueo JC: 7244
Dichgans J: 7584
Dick W: 2133
Dickie N: 2134
Dickinson J: 2135
Didenko IG: 6588
Didenko VM: 7845
Didier-Fichet ML: 6532
Didisheim P: 2136
Didkovskiĭ NA: 3028
Diebold J: 1733, 2137
Diedrich DL: 2138
Diengott D: 2139
Dienstag JL: 6122
Dienstbier E Jr: 2140
Dienstl E: 5536
Dienstman SR: 2141
Dierichs R: 2142, 5479
Dierickx L: 7536
Dieterle W: 2143
Dietl T: 2144–2146, 9342
Dietrich CP: 2147–2148
Dietz AA: 2149
Dietz WH Jr: 2150
Dietze G: 2151–2152, 2152
Dietzschold B: 2153
Diez-Ewald M: 2154
Di Ferrante N: 3123
Diffang C: 2155
Di Francesco G: 8657
di Gennaro C: 2156, 2503, 2505, 2507–2508
Digiesi V: 2157–2159
Di Giorgio RM: 5657
Di Girolamo R: 2160
Digranes A: 6779
Di Iorio M: 7330
Dijk RA: 2161
Dijk-Wierda CA: 5531
Dike GW: 829, 2162
Di Lieto A: 1858
Dillard DH: 1117
Dillon TF: 571
Di Macco G: 2163
DiMagno EP: 2164–2165
Dimitracopoulos G: 2166
Dimitriadou C: 2167
Dimitrov D: 1057, 2168
Dimitrova VG: 4969–4970
Dimković D: 2169–2170
Dinai Y: 5839
Dinan B: 305
Dinerstein RJ: 5262
Dingle JT: 2171
Dinić B: 2172
Dinley RJ: 36
Dinowitz M: 7136
Dintenfass L: 2173–2174
Diop Mar I: 2175
Di Perri T: 2176, 2722
Diploma JR: 2177
Dirat MF: 2178
Dirheimer G: 5612
Dirksen T: 2348
Dirkx J: 6137, 6277
D'Isa L: 5631
di Santo C: 5853
Di Sapia L: 1702
Di Scipio RG: 2179
Distenfeld A: 1543
DiTore RJ: 1624
Ditscherlein G: 8168
Dittmer J: 2180
Di Tullio MT: 2506
Dixit SN: 2181
Dixon AS: 2510
Dixon GH: 1965–1966, 3015–3017, 4106
Dixon HB: 4696
Dixon JE: 9119
Dixon JF: 7008
Dixon RH: 2182
d'Izarn JJ: 997
Djaldetti M: 58–60, 787, 2918–2919

Djiane P: 1034, 5349–5350, 8326–8328, 8327–8328, 8330
Djindjian R: 9670
Djordjević V: 4904
Dligacz K: 2358
Dmitrenko LV: 4479
Dmitrievskaia LA: 9543
Dobberstein B: 2183
Dobbs RJ: 13
Doberstyn EB: 2069
Dobkin VB: 2184
Dobnick DB: 2744
Dobnik DB: 8404
Dobrý E: 2185
Dobrykh VA: 3032
Dobrzhanskaia EO: 2186–2187
Dockhorn RJ: 1390
Docolomansky V: 721, 1893
Dodds AJ: 837
Dodds WJ: 715–716, 900, 1066, 2188–2190
Dodson WE: 5538
Doerfler W: 7546
Doering JL: 2191
Dogliani M: 9566
Doherty P: 6739–6740
Doherty SM: 2510
Doi RH: 6522
Doichinov A: 2192
Doktorovich AB: 8414
Dolan GF: 6365
Dolbaeva GM: 680
Doleschel W: 9713
Dolezel G: 4373–4374
Dolfini E: 2193
Dolinescu C: 5254
Dolinskas CA: 2194–2195
Doljanski F: 701
Dolkart M: 10240
Doll DC: 2196
Dollery CT: 2197
Dollinger HC: 2198
Dolmans S: 2199
Doly J: 2200
Domaniç N: 2201
Domanig E Jr: 2202
Domanova AI: 9465
Domańska-Mariańska B: 5243
Domaseva TV: 8365
Dombro RS: 6866
Domenet JG: 2203
Domer JE: 1976
Domínguez D: 3237
Dominicus-Knoop WB: 944
Domschke S: 2204–2205
Domschke W: 2204–2205, 9387
Domula M: 2206, 9875
Domurado D: 3481–3482
Donahoo JS: 2207, 6099
Donald KJ: 2208, 3353
Donald RA: 292
Donaldson DM: 2209, 7676
Donaldson LJ: 4295
Donaldson VH: 2210
Donati L: 1045
Donati MB: 1257, 2021, 2193, 2211–2212, 7263, 7560–7562
Donato AD: 2213
Doneen BA: 2214–2215, 5423, 5425
Donevan RE: 1677
Doni A: 2216
Doni MG: 274, 2217
Donicowa K: 4213
Doniger D: 4034
Donnelly CH: 2218, 6449
Donner L: 4780
D'Onofrio M: 9521
Donovan JF: 3434
Donski P: 6120
Donzeau-Gouge P: 2270
Donzelli GP: 9551
Doolittle RF: 1805, 2219–2222
Doolittle, RF: 2223
Doonan S: 2224
Doppman JL: 6563, 8049
Dor JF: 299, 2225
Doran FS: 2226
Dorantes S: 278
Dorantes Mesa S: 279
Dore EK: 9091
Dorée M: 3477
Dorfman A: 285
Dorfman MV: 2227
Dorigo B: 2158–2159
Döring H: 2905
Dorléans M: 1581
Dorman LC: 2228
Dormandy JA: 2229, 7344
Dormandy KM: 5389, 5744, 8726
Dorofeev VM: 10253
Dorricott NJ: 4604
Dorrington KJ: 4768
Dorris GG: 2230
dos Reis JM: 5186
Dosik H: 4995
Došková M: 4216
Dosne AM: 2231, 6102
Dosseh B: 3479
Dossetor JB: 8817
Dost JK: 2232
Dotsenko SM: 7395
Dotsenko VL: 7025, 10134
Dotter CT: 7750
Doty DB: 2233
Doty J: 10303
Douer D: 6695
Dougherty JH Jr: 2234
Dougherty S: 1515
Douglas AS: 7043, 9805
Douglas H: 1125
Douglas MS: 6107
Douglas SD: 5770, 7784
Douglass HO Jr: 1473
Dournovo P: 962
Douros T: 4076
Dousset N: 191
Doust BD: 2235
Douste-Blazy L: 191, 2302
Doutre MP: 2236
Doutremepuich C: 2237–2238
Douzou P: 2239
Dove AF: 2240
Dover GJ: 4795
Dovgalev SI: 1267, 2241
Dowben RM: 9794–9795
Dowling S: 2407
Dowling SV: 2242, 2408
Downie DM: 2243
Downing MR: 1336
Downs AR: 3099
Doxanas MT: 2244
Doyle JC: 9557
Drabikowski W: 2245–2246, 3273, 6464
Draese K: 8872
Dragon N: 8283
Drake RM: 6433
Draliuk NS: 5606
Drampian SKh: 155
Drapeau GR: 2247
Draper LR: 8058
Dratz HM: 5288–5289
Draugelis AK: 7446
Drawert J: 4799, 5906
Dray F: 7017
Dray L: 293
Dray-Attali L: 2248
Dreffer R: 3217, 3219
Dreiling DA: 2249
Dresler SL: 1160
Dreux C: 2250
Drevina AI: 2251
Drew WL: 2252
Dreyer BE: 6037
Dreyfus B: 1217
Dreyfuss EM: 8221
Dreyfuss F: 2139
Driller J: 2253
Driscoll JS: 1753
Drlica K: 2254
Drobiazgo LD: 2255
Drobik Z: 8999
Drobinski G: 1043, 2256
Droller MJ: 2257
Drommer W: 3447, 8200, 8203–8204
Dronova LA: 8465
Drosenberg L: 10296
Drouet L: 2231
Drouillet F: 372
Drozd K: 967
Drozdova NM: 7301
Druck P: 6705–6706
Drucker H: 1684
Drueke T: 2657, 4244
Druet P: 5158
Druetz JE: 9453
Druilhet R: 6931
Druml W: 7201
Drummond AH: 2258, 5710
Drummond S: 2259
Drüner HU: 8205
Dry J: 2260
Drzewiecki J: 8753
D'Souza S: 195, 2261, 2407
du Boulay GH: 9179
du Cailar J: 2262
Duarte EP: 7507
Dubarry M: 2263
Dube B: 2264–2265, 8533
Dube RK: 2265
Dube VE: 10278
Dubiaga AN: 2266
Dubiaga VP: 7810
Dubielzig R: 649
Dubin A: 2267, 4866
Dubin SE: 2268
Dubin T: 629
Dublin AB: 2269
DuBois D: 7291
Dubost C: 2270–2271
Dubouloz C: 2703
Dubourdieu M: 2272
Dubreuil C: 5546
Dubrovskaia MK: 954
Dubuc F: 2273
Duca C: 2274
Duca S: 2274
Ducassou J: 2275
Ducker TB: 5987
Duckert F: 1142, 2276–2279, 3453, 3455, 4080
Duckett K: 2868
Dudaev VA: 681, 2280, 5514
Dudek-Wojciechowska G: 294, 5759
Dudley HA: 7004
Dudrick SJ: 2281
Duducgian ML: 7053
Dudziński W: 2282
Duensing F: 7658
Duerst M: 1159
Duez C: 2786
Dufau ML: 2283
Dufer J: 3560
Duffy GJ: 2285
Duffy LK: 2284
Duffy MJ: 2285
Duffy P: 2286
Duflo B: 3476
Dufour M: 2137
Dugal B: 9668
Dugas H: 5981
Dugumović Z: 7591
Duhamel G: 3284
Duheille J: 393
Dujella J: 5516
Dukes ML: 827
Dukhina MA: 2880
Dukić M: 4312
Duliapin VA: 2287
Dulin Verde JJ: 5220
Dumbrăvescu M: 236
Dumke HO: 2452
Dumkin IM: 8411
Dumont JE: 9542
Dumpe EP: 8012–8014
Dunbar RW: 4505
Duncan BM: 2288
Duncan JR: 2289
Duncombe WG: 896
Dünges W: 2290
Dunkhina MA: 2881
Dunn DC: 2291
Dunn JF: 9987
Dunn DC: 2292
Dunnebacke TH: 2293
Dunnick WA: 2294
Dunnill P: 6439
Dunsker SB: 2295
Dunzendorfer U: 2296
Dupaix A: 622–623

Duplay H: 7505
DuPlessis JP: 4998
Duporieux J: 2297
Dupraz F: 9652
Dupuis JF: 7032
Dupuis M: 1765
Dupuy JM: 6771, 9006
Duquesnay RJ: 2298
Duquesnoy RJ: 2299–2300, 2641, 3537
Duraffourd P: 2629
Duraković Z: 1478–1479
Duralska H: 5193
Durán Garcia S: 7741
Duranceau A: 2301, 4397
Durand A: 1501
Durand D: 7991
Durand G: 1581
Durand S: 2302
Durando R: 7493
Durante A: 514
Durantez A: 2303
Duranton H: 1719
Durban E: 6686
Durbin RD: 8768
Durek W: 5242
Duriez R: 3560
Duriez T: 2304
Durliat M: 2305–2306
Duro F: 2307
Durocher JR: 6170
Dürr HK: 938–939, 2308, 8159
Durst J: 8188
Dus KM: 4006
Duspiva W: 831
Dutkevich IG: 3230
Dutkiewicz J: 2309
Dutranoy G: 7674
Dutton RE: 8345
Duval JM: 9858
Duzhii ID: 2310
Dvilansky A: 386, 2311, 6123, 6538, 9877
Dvorak AM: 2312, 2314
Dvorak HF: 2312–2314, 2807, 6877
Dvorak JA: 5968
Dvořák K: 2315–2316
Dvornicky JA: 8059
Dworkin M: 7759
Dwulet FE: 5326
Dybicki J: 2908
Dybizbański M: 2317
Dyckes DF: 2318–2319
Dyerberg J: 2320
Dyken ML: 2321, 3541
Dymock IW: 3362–3363
Dyson DA: 2322
Dyszy-Laube B: 4298
Dzhamgarova MS: 155
Dzharak'ian TK: 5618
Dzhavalian NS: 10302
Dziak GV: 2323
Dziak VN: 2323
Dzialoszyński L: 3246
Dziatkowiak A: 4417
Dziki A: 2324
Dziwisz M: 2324
Dzugaj A: 2410
Dzus G: 3604

E

Eadie DG: 10059
Eads ME: 7768
Eakins KE: 2325, 5065
Earl FL: 4672
Earles BJ: 8119
Earll JM: 1783
Easley CW: 9118
Easter W: 5929
Eastham RD: 1254–1255, 4075
Eastman D: 3144
Easton MP: 2972
Eaton DL: 2326
Eaton RP: 8037–8038
Ebbe S: 3210
Ebbesen K: 675
Ebel J: 2375
Eberhardinger R: 2327
Ebert H: 2328
Ebhardt G: 6017
Ebner KE: 3053
Ebstein R: 675
Ebstein RP: 676, 2578
Ecarlat B: 6613
Eckel RH: 2329
Eckelman WC: 2330
Eckert H: 2331
Eckert M: 3587, 9967
Eckert P: 1439, 2332
Eckstein JD: 2640
Economopoulos TC: 2333, 4867, 8757
Economou S: 2673
Ectors P: 3226
Edds GT: 6913
Eddy EM: 2334
Edelberg SB: 2335
Edelman GM: 8111
Edelson PJ: 2336
Eden A: 822
Edgar W: 2337
Edgington TS: 1584, 1866, 2338, 7254, 10268
Ediss C: 8811
Edlis HE: 2339
Edmiston WA: 7990
Edmondson DE: 4638–4639
Edmunds LH Jr: 3781, 8028
Edsmyr F: 212
Edward N: 5877
Edwards BF: 546, 2340
Edwards CC: 4222–4224, 4223–4224
Edwards CW: 1644
Edwards DH: 510
Edwards EA: 2341
Edwards JB: 444
Edwards KD: 2342
Edwards KR: 2343
Edwards NA: 156
Edwards RB: 2344
Edwards RL: 2208
Edwards RO: 5483
Edwards RV: 1121
Edwards WS: 2345–2346, 5409
Eeckels R: 427
Eeckhout Y: 2347, 3116, 9453
Eernisse JG: 2039, 2348
Efashkin GF: 1554
Effert S: 1588
Effiong CE: 2349
Effros RM: 2350
Efimova LG: 2351
Efimova NP: 6718
Efremov AV: 2841
Efsing HO: 748, 752
Efskind L: 1900
Efstathiou JD: 2352
Efter T: 3012
Egawa H: 8978
Egberg N: 2353, 6855, 6967
Egbert PR: 2354
Egbring R: 2355–2357, 2838, 9314
Egeblad H: 2358
Egedy S: 4929
Egelrud T: 6841
Eger H: 9677
Eggen DA: 2359
Eggenberger K: 2360
Egger H: 2361
Eggermont E: 2362, 7860, 8725
Egilsson V: 2363
Egli A: 2364
Egli H: 1094, 8047
Egorov NS: 2365–2366, 5573–5574, 9716–9717
Egorova EN: 2367
Egorova TP: 2368, 5551, 7028
Egre A: 8327–8328, 8328, 8330
Ehard H: 8139, 8200, 8203–8204
Ehgels G: 8846
Ehlenberger AG: 2369
Ehlers W: 10270
Ehms H: 2370
Ehnholm C: 2371–2372, 4732, 6651–6652
Ehrenfeld M: 2373
Ehrenhardt HP: 9697
Ehrenkranz JR: 2374
Ehresmann B: 2375
Ehresmann U: 2376, 7948
Ehrhart LA: 1337, 2377
Ehrig H: 5256
Ehrke G: 1547
Ehrlich EN: 2378
Ehrlich I: 2379
Ehrlich RM: 2380, 8620
Ehrly AM: 2381–2382
Ehrnst A: 2383
Ehrsam A: 2384
Ehsanullah RS: 2385
Eichelbaum M: 2386
Eichling JO: 3664
Eichner H: 2387
Eichner V: 2387
Eickbush TH: 2388
Eiden F: 2389–2390
Eidson F: 1938
Eigler FW: 2391
Ein SH: 2392
Einarsson R: 2393–2394, 2888
Einhorn S: 8854
Eiseman B: 2395, 4617
Eisen AZ: 5538, 8866
Eisen HN: 4371
Eisenbach J: 2396
Eisenberg B: 175–177
Eisenberg JM: 2397–2398
Eisenberg PD: 2399
Eisenberg R: 608
Eisenberg RL: 2400, 5840
Eisenberg S: 2401, 3156
Eisenberger F: 2402
Eisenburg J: 2403, 5957, 8135, 9864
Eisenfeld AJ: 1299
Eisenmann B: 2404
Eisenscher A: 1597, 9858–9859
Eisenstein R: 3274
Eisner J: 3114
Ejercito E: 5288–5289
Ekberg M: 2405
Ekert H: 195, 2242, 2261, 2406–2409
Ekeström S: 6855
Eklund B: 3726
El Bardicy GZ: 2413
El-Dorry HA: 2410
El-Etr A: 408
El-Fattah SA: 2411
El-Ghobarey AF: 2412
El-Hafez MA: 6305
El Kheir AA: 2413
El-Naggar MR: 2701
El-Sabban F: 7763
El-Sadek GM: 5766
El-Salam MH: 2414
El-Shibiny S: 2414
El-Shinnawi BM: 2415
Elaerts J: 2416, 8293
Elaerts de Conde M: 8293
Elam D: 9088, 9090
Elchazly M: 2417
Elder JH: 2418
Elder MG: 4012
Eldor A: 2419, 10098
Eldridge R: 5153
Elebute OA: 2420
Elhadad A: 2421
Elhanan E: 6230
Elias E: 2422
Elinov NP: 194
Elion J: 1336
Eliot B: 5443
Eliot RS: 2423
Eliseeva EG: 4969–4970
Elizalde Galván JA: 1264
Elizarova GP: 6989
Elkeles RS: 2424–2425
Elkhov VA: 8416
El'kina RM: 10260
Elkins RC: 3375
Ellen RP: 2426
Ellertsen BB: 8483
Ellertson DG: 5257
Ellins ML: 1380
Elliott BE: 2427
Elliott GR: 737, 2428
Elliott MP: 9278
Ellis BI: 3573
Ellis D: 2429
Ellis EF: 2430
Ellis FH Jr: 2431
Ellis FP: 2432

Ellis JH Jr: 8769
Ellis JP: 1844
Ellis LD: 8700
Ellis MJ: 292
Ellis R: 2433
Ellis S: 5561
Ellis TJ: 1977
Ellison A: 2434
Ellison N: 545, 2435
Ellison RG: 7817
Elliston EP: 2436
Ellman BA: 10088
Ellman L: 20, 1086, 1918
Ellner JJ: 2437
Elmer GW: 7355
Elmgreen J: 2438
Elmore DT: 6893
Elmslie RG: 535–538
Elödi S: 9529
Eloian MA: 6785
Eloy R: 2439, 3384
Elpat'evsakaia GN: 5548
Elsas FJ: 2244
Elsayed S: 2440
Elson EL: 8111
Elston RC: 3332, 5728
Elvelin R: 749
Ely CA: 4283
Elzinga M: 2441
Emanuel B: 2442
Emanuele B: 2443, 9565
Emar A: 4383
Emeis JJ: 2444
Emel'kin VI: 2445
Emeriau JP: 963, 1189
Emerson CP: 8694
Emerson PA: 2446
Emerson PM: 2671, 6212
Emi S: 2447
Emma DA: 3661
Emmerich B: 9672
Emmerson BT: 8847
Emmerson GA: 5696
Emöd I: 2448
Emtseva IB: 2449
Enarson DA: 2450
Enat R: 2451
Encke A: 2452
Endell W: 8284–8285
Enderby GE: 2453
Endert G: 2454
Endl J: 2455, 4071
Endmann P: 554
Endo A: 9351–9352, 9352–9353
Endo Y: 2456
Endresen C: 2457–2461, 2459
Enegren BJ: 2460
Enerbäck L: 2461
Enfield DL: 9197
ENG: 2870
Enge I: 6676
Engel C: 9322
Engel D: 2462
Engel J: 1041–1042, 6848, 7431–7432
Engel MB: 6173
Engelberg H: 2463
Engelfriet CP: 2464
Engelfriet P: 1226
Engelhardt K: 1290
Engelken HJ: 5938
Engell HC: 3610
Engelman DM: 2465, 3863
Engelmann C: 2466, 2798, 7374
Engelstad M: 1163
Enger SC: 2467
Engers HD: 9191
Engler R: 2127, 2468
English D: 2469
English GM: 2470
Engman L: 214
Engquist A: 2471
Enikeeva ZM: 2472, 6543
Enjoji M: 3677
Enoki Y: 6754
Enomoto KI: 2473
Enriquez-Sarano L: 689
Enson Y: 2474
Ensthaler J: 2475
Enzensberger W: 8892
Epel D: 1425
Epifanov NS: 2476
Epikhin NV: 2477, 10242
Eppig JJ: 2478, 5337
Epstein AM: 8470
Epstein E: 2479
Epstein F: 2480
Epstein M: 2481–2485, 2483
Epstein O: 2484
Epstein P: 8839
Erb P: 2485
Erb RJ: 8626
Erbe HJ: 6556
Erben R: 3550
Ercan ZS: 2486
Erdelyi E: 737
Erdi A: 9181
Erdman S: 2487
Erdös EG: 9794–9796, 9987
Eremeev IuN: 405
Erhan S: 2488
Erhard W: 2489
Erhardt FW: 8176
Erhardt W: 906, 3530
Erhart P: 7217
Erich JB: 5335
Erichsen J: 2490
Ericksen S: 6982
Erickson J: 9291
Erickson RP: 2491
Ericsson LH: 4751, 9197
Eriksson JC: 5215
Eriksson U: 749, 2492
Erlanger BF: 1373
Erlanson P: 5625
Erlick BJ: 1178
Ermakova GL: 280
Ermakova LM: 8800
Ermishkin LN: 4880
Ermolaev IuA: 2493
Ermolaeva SA: 5092
Ermolenko IN: 2241
Ernst E: 3327
Erokhina LI: 2186–2187
Ershov VN: 2494
Ershova LIa: 2495
Erskine ZG: 1617
Ertl HC: 2496
Ertürk E: 1695
Erwin WJ: 2497
Eryshev IuN: 2698
Erzinkian KL: 2498
Escobar A: 1368
Escobar E: 2499
Escobar JA: 2605
Escolar G: 9634
Esipova NG: 5786
Esmon CT: 2500
Esnouf MP: 2501–2502, 7397
Espir ML: 10004
Esposito A: 3174
Esposito L: 2156, 2503–2508
Espuela R: 2509
Esselinckx W: 2510
Essien EM: 2511–2512, 2512–2513
Essioux H: 2514
Esteban J: 9549
Estella J: 3121
Estelles A: 396–397
Estes JW: 9934
Estrada M: 3253
Estrada RV: 3121
Estruch MT: 1972
Etcheverry JC: 53
Etchison JR: 7680
Etheredge EE: 204
Etherington DJ: 2515
Etherington MD: 6747–6748
Ethevenot G: 1559
Etienne J: 2516, 7617
Etienne R: 1520
Etienne-Decerf J: 10000
Etlinger JD: 2517, 3205
Eto RT: 8742
Eto T: 6868
Etzel F: 1094, 8047, 9322–9323
Etzel V: 8222
Eulderink F: 9202
Eule H: 574
Eurenius K: 1130, 6187
Eva S: 5150
Evain D: 7646
Evans AE: 2518
Evans BE: 2519–2520, 2520–2521
Evans CM: 9752
Evans DR: 2429
Evans DW: 2203, 7456
Evans HE: 2522
Evans I: 2523
Evans JI: 2256
Evans JN: 2524
Evans M: 7299
Evans MC: 3669
Evans PM: 268, 4386
Evans R 3d: 2091
Evans RJ: 2525
Evans WH: 4934
Evarts RP: 833
Evatt B: 8059
Evatt BL: 159, 2526–2527
Evdokimov VV: 2280
Evdokimova AI: 2528
Evdoshchenko EA: 2529
Evenberg A: 2530
Evensen SA: 5646
Evenson MA: 6388
Everberg G: 2531
Everett MM: 6177
Evers JL: 5903
Eveson JW: 2532
Ewald DA: 2533
Ewald WG: 2784
Ewe K: 1136
Ewers KG: 1149
Ewing C: 10158
Exadaktylos P: 9590
Exaire-Murad E: 7843
Exner T: 2534–2535
Eyskens E: 2536
Eyster E: 7721
Eyster ME: 2537–2538, 4348

F

Fabbrini P: 9844, 9846
Fabbrucci I: 1487
Faber RG: 8256
Faber V: 2539
Fabijanić H: 1107
Fabre J: 9848
Fabris C: 2540
Fabris F: 792, 2054–2055, 3135–3136, 3142
Fabrizio M: 8503
Facquet J: 2256
Faergeman O: 2541
Faessler R: 10213
Fagarasanu D: 7053
Fagard RH: 5456
Fagerhol MK: 3421, 6764, 9788
Fagiolo E: 2542
Fagret D: 7353
Fahländer HJ: 10091
Fährer E: 10281
Faigle JW: 2143
Fair BD: 2543
Fairbanks G: 4833
Fairbanks VF: 8942
Fairley KF: 2544
Fairman M: 4215
Fairweather IA: 1809
Faivre J: 2008, 2545, 6310
Fajans SS: 3833
Faldella G: 5833
Falezza GC: 9611
Falkensammer C: 2663
Falkson G: 9285
Falkum A: 1164
Fall RR: 8971
Fanciullacci M: 6276
Fancourt MN: 8278
Fang PH: 5244
Fang TY: 8685
Fantin G: 1049
Fantini F: 2546
Faraci RM: 2547
Farack U: 3502
Faragiana T: 7375

AUTHOR INDEX

Farah JR: 5120
Farah R: 7219
Faraldi I: 9521
Farb RM: 2548
Farber BL: 4468
Farber M: 48
Farber MA: 2549
Farber TM: 4672
Farber IuV: 3410
Farbstein J: 3678
Fardou H: 7563
Fardoun R: 7081
Fareed GC: 3122
Farfan C: 6212
Farhathaidar A: 4002
Farhi R: 10101
Farhoudi H: 8214
Farid NR: 2550
Farkas R: 2620
Farkhutdinov RG: 2551
Farkhutdinov RR: 9654
Farlow GE: 2552
Farmer M: 2104
Farmer PB: 1812
Farr GH Jr: 9829
Farrant J: 4818
Farrell PC: 3730, 9797
Farrell PM: 832
Farrer PA: 7891
Farriaux JP: 2553–2554
Farson D: 873
Fartakova VP: 10251
Fasco MJ: 2555–2556, 2596, 7269
Fashchevskaia IA: 6536
Fasold H: 7031
Fasoli G: 1489
Fass DN: 1174, 6850
Fasth S: 2557
Fastrez R: 253, 4985
Fathi M: 6683
Fatti LP: 3239, 4703
Faubert G: 5727
Fauchier C: 10171–10172
Fauci AS: 1794
Faulk WP: 2558
Faulkner T: 9219
Faure A: 947
Faure G: 1501
Fausto A: 4393
Fauvel F: 2559, 5322
Fava C: 976
Favero A: 5557
Favro PG: 5230
Fawaz K: 8775
Fayard JM: 6922
Fayat G: 2560
Fayek KI: 2561
Fayemi AO: 2077, 2562, 4986
Fays J: 7534
Fazle Hussain AK: 2563
Fdez B: 5928
Fdez J: 5927
Feagans WC: 6177
Fedde CW: 434
Feddersen JC: 2564
Feder J: 2314, 6877
Federico J: 4377
Federman J: 2565
Fedianin IuP: 7040
Fedianina VN: 8882
Fedorko ME: 2566–2567
Fedorov BP: 3412
Fedorova LI: 2568, 5037, 8455
Fedorova ZD: 2569, 4930, 5395, 6998
Fedosov EA: 2570
Fedotov VK: 2571
Fedurkina NV: 6372
Feeley TW: 2572
Feesey M: 3239, 3244
Fehlhammer H: 942, 2573
Fehr K: 2574, 5026
Fehr PM: 1581
Feichter GE: 2575
Feifel G: 3023, 7947
Feigin DS: 5750, 9166
Feigina LN: 2576
Feigl W: 8225
Feijen J: 2577
Feil EJ: 510
Feiler-Ofry V: 7533
Feine R: 2578
Feine U: 2579
Feiner A: 2580
Feingold DS: 5472
Feinleib M: 2976
Feinman RD: 1521–1523, 1795, 2581–2582
Feinmark SJ: 439
Feinstein DI: 2120, 5580, 8083
Feinstein MB: 1635, 2583
Feinstein PA: 2584
Feintuch MJ: 4490
Fekeeva MK: 6074
Fekete L: 825
Fekete LF: 827, 2585
Fekete M: 2586
Fekety RF Jr: 8219
Felaco M: 1673
Felber JP: 9138
Feldbruegge DH: 5132
Feldhoff RC: 9966
Feldman J: 10079
Feldman JM: 2587–2588
Feldman M: 9878
Feldman RL: 7783
Feldman RP: 2646
Feldmann G: 2589, 3489
Feldmann H: 2590
Feldmann M: 2485
Feldmeier C: 2591
Feldtman RW: 2592
Felix WN: 10254
Felkner IC: 3659, 6921
Fell HB: 544
Felsenfeld G: 8658
Felsenfeld O: 2593
Feltkamp TE: 2594
Femfert U: 4972
Fennelly JJ: 4599
Fenrych W: 2595
Fenton JW II: 9197
Fenton JW 2d: 2596, 5933, 7269
Fenton S: 1207
Fenton V: 2597
Feret G: 2598
Ferguson A: 2599
Ferguson AC: 7021
Ferguson F: 9262
Ferguson MJ: 3465
Ferguson RL: 2600
Feri P: 2601
Ferioli V: 1377
Ferlic RM: 5017
Fernandes B: 3126
Fernandes BJ: 2602
Fernández: 9307
Fernandez J: 249–251
Fernández Clemente JJ: 5220, 9629
Fernandez De La Cigoña F: 5220
Fernández de la Vega P: 8682
Fernández de Villalta J: 7738
Fernandez-Redo E: 7433
Fernando KA: 6821
Fernando MA: 2603
Fernholz HJ: 3396
Féron R: 3284
Ferraccioli GF: 167
Ferran JL: 5362
Ferrando U: 5230
Ferrans VJ: 7679
Ferrante G: 2604
Ferrara LC: 1854
Ferrara M: 2503–2504, 2504, 2508
Ferrara P: 10209
Ferrari M: 1412
Ferrari S: 5260
Ferraro C: 2443
Ferraro LR: 2097
Ferrat Carvajal AL: 686
Ferreira HC: 2605
Ferreira JM: 5186
Ferreira WP: 1453
Ferrendelli JA: 6555
Ferreria SH: 2606
Ferrero AM: 2607
Ferrero G: 7493
Ferri GM: 2946
Ferrier LN: 1965–1966
Ferris EB: 1820
Ferris NA: 1345
Ferrone S: 2608
Ferroni R: 6084
Ferrozzi G: 2609
Ferrozzi L: 2609
Ferruti P: 2610
Ferry JD: 3785, 6568
Ferry PC: 1835
Fertözögi F: 3567
Fesenko RI: 6071
Fessia L: 9521
Fester A: 2611
Fésüs L: 2612–2616, 2613–2616, 6465
Fetisova TV: 2617–2618
Feuer G: 2619–2620
Feuerstein H: 3081, 3568
Feuerstein IA: 1991, 7551
Feuth H: 3900
Févery J: 427
Fiacchini M: 7837
Fiala M: 2621
Fialkow PJ: 46, 2622
Fick GC: 2623
Fidler JP: 9561
Fiedel BA: 2624–2626, 5875
Fiederowicz-Fabrycy I: 7385
Fiedler F: 2387, 2627–2628
Fiedler HH: 8139
Fiedler J: 7362
Fiedler L: 3567
Fiedrich M: 3951
Fiehrer A: 2629
Fiehring H: 9677
Fieldhouse G: 1969–1970
Fielding CJ: 2630–2632, 2631–2632
Fielding PE: 2631–2632, 2632
Fields WS: 3039
Fière D: 2384
Fiessinger JN: 88–89, 2633–2636, 9548
Fietzek PP: 9237
Fifina NA: 2841
Figari G: 2637
Figuera D: 5915–5916
Figueras N: 1773
Figueras Carrera N: 2638
Figueredo A: 7696
Filatova AM: 7146
Filburn CR: 3043
Filby WG: 4474
Fil'chagin NM: 2287, 2639
Filice F: 7981
Filimonov VG: 1283
Filip DJ: 2298, 2300, 2640–2642
Filipovic I: 2643
Filipović M: 4274
Filipowicz W: 5308
Filippi-Foveau D: 2644, 8235
Filippini L: 1372
Filippov MA: 954
Filippova EM: 2645
Filipski R: 5703
Filler D: 9274
Finamore FJ: 2646
Finance F: 7840
Finberg HJ: 2647
Finch JE Jr: 1340
Fincham JR: 1148
Fincher P: 3505
Finck E: 5520
Findlay JB: 3276
Fine DP: 6370
Fine RD: 2648
Fingerhut A: 4268
Fink AL: 5793
Fink E: 2649, 2829, 3521, 8075, 8112
Fink P: 4079
Fink S: 9115
Finkbeiner AE: 2650
Finkel M: 3271
Finklestein J: 2518
Finlayson B: 5269
Finlayson ND: 2739
Finley TN: 2252
Finn MP: 5883
Finney JL: 2651
Fintel DJ: 6035–6036
Fiorani P: 700
Fiori M: 2652
Fiorilli A: 1707

Firkin BG: 4935
Firsov EF: 2653
First MR: 6869
Firth EC: 2654
Firusian N: 2655
Fisch U: 2656
Fischer AM: 2657
Fischer B: 8097
Fischer CL: 2658
Fischer H: 2659–2660
Fischer JC: 7440
Fischer K: 2661
Fischer M: 1136, 2662–2665, 4704
Fischer SG: 1657
Fischer T: 2666–2667
Fischinger PJ: 8041
Fischler M: 692
Fischli W: 2668
Fischman DA: 2191
Fišer Z: 2669
Fish F: 2670
Fish JC: 836
Fish JH: 4444
Fish WW: 5268
Fishel CW: 7391
Fisher A: 2671
Fisher AA: 2672
Fisher B: 2673
Fisher CM: 9764
Fisher ER: 2673
Fisher HW: 2674
Fisher I: 2675
Fisher M: 2676
Fisher PA: 2677
Fisher RG: 2678
Fisher RR: 6863
Fisher WR: 2679
Fisherman EW: 2680–2681
Fishman P: 59
Fishman PH: 2682
Fishman R: 6701
Fisk GC: 3730
Fisk RL: 5860
Fitch WM: 5088
Fitoussi PS: 2297
Fitzek VA: 2683
Fitzgerald JF: 1350
Fitzgerald O: 562
Fitzgerald V: 7694–7695
Fitzgibbons JF: 2684
Fitzpatrick FA: 2685
Fitzpatrick TB: 7016
Fitzpatrick TM: 4360
Flad HD: 4040
Flament J: 1183
Flanagan MT: 2686
Flanigan WJ: 2687
Flatau E: 8487
Fleck TR: 5475, 8248
Fledelius H: 3523
Fleer A: 2464
Flegel U: 7274
Flego I: 3391, 7923
Fleischer J: 6919
Fleischer K: 2688
Fleischman AI: 2689
Fleischmann H: 2361
Flemma RJ: 5356
Flemming C: 4771
Flenker I: 2690
Fletcher A: 4185
Fletcher AP: 134, 2691, 7688
Fletcher JL: 4037
Fletcher JR: 2692
Fletcher MA: 2693
Fletcher PL Jr: 2694
Fletcher R: 2695
Fletcher WS: 9871
Fleury P: 2696
Fliegel CP: 2697
Fliginskikh NA: 2698
Flinn G Jr: 3584
Flinton LJ: 8511
Flip DJ: 7133
Floch HH: 2822–2823
Flor WJ: 2784
Florent JM: 2699
Flores RM: 197
Flores Izquierdo G: 3268
Floss HG: 1509
Flower RJ: 896
Flowerday MH: 5290
Flowers CM: 9988–9989
Floyd JC Jr: 3833
Flygare WH: 7457
Flynn JT: 5312
Foard DE: 4085
Focan C: 2700
Focan-Henrard D: 2755
Foda MS: 2561, 2701
Fodstad H: 3686
Foëx P: 2671
Fog R: 9212
Foged L: 2702
Fogliani J: 2703–2704, 2704
Folan DW Jr: 2705
Földi M: 1440–1441, 1660, 2706
Földi-Börcsök E: 1439, 1441, 2707
Foley ME: 2708
Foley NT: 1408
Foley WD: 9940
Foliguet B: 5252
Folk JE: 3440
Folkman J: 5187
Follette WC: 6186
Fölsch UR: 5198
Folscroft J: 324
Fomin AN: 2709
Fomina ZN: 2549
Fomon SJ: 10179
Fonareva LP: 2472, 6543
Fondu P: 4451
Fong BT: 7128
Fong JS: 2835
Fong SL: 2710
Fonkalsrud EW: 7963
Fonseca R: 4570
Fontaine C: 620
Fontaine JL: 2713
Fontaine M: 2711–2712, 2712
Fontaine R: 2713
Fontan F: 2237
Fontan G: 2714
Fontan P: 2238
Fontana A: 6056
Fontana G: 5230
Foote RJ: 177
Foradori A: 6124
Foray J: 2715
Forbes CD: 2716–2718, 5597–5598, 8525, 10142
Forbes IJ: 2719
Forbes MS: 4672, 6572
Forbes RD: 2720–2721
Forconi S: 2722
Ford D: 1131
Ford HT: 1882
Ford LT: 2723
Ford SS: 1284
Ford WL: 2724, 7470
Ford-Hutchinson AW: 8623
Forese S: 9067
Forest M: 7746
Foresti A: 2725
Forestier F: 2726
Forgac MD: 4056
Forker AD: 2423
Forman J: 2727, 6923
Forman R: 2728
Forman WB: 1121, 7317
Formanek A: 2729
Formanek M: 2730
Formicucci L: 3514
Fornace AJ Jr: 2731
Fornasari PM: 2732–2736, 2733–2737, 6525
Foroglou G: 2738
Forrest JA: 2739
Forrest JB: 2740
Forrester MG: 2658
Forsberg K: 2741–2742
Forssman WG: 6116
Förster FJ: 3748
Förster G: 6396
Förster J: 4077–4078
Forte T: 6709
Fortner JG: 2743
Fossard DP: 4460
Foster ED: 2744
Foster J: 9726
Foster JA: 6052–6053, 7966
Foster KA: 1579
Foster R: 2673
Fottrell PF: 1770, 7198
Foulks JG: 206
Fourati M: 2745
Fournie A: 987–988
Fournier C: 2746–2748
Fouts JR: 7272
Fowler AV: 1104, 2749
Fowler EF: 2750
Fowler PD: 288
Fowler S: 3572
Fox CF: 7656
Fox JL: 2272
Fox KM: 13
Fox LL: 9222
Fox RA: 2751
Fox W: 8851
Foxworth J: 1843
Fraccaro M: 9623
Fradl DC: 1409, 9891
Frahm R: 2752
Frain-Bell W: 2753, 10232
Frajese G: 8503
Fräki JE: 2754
Franchi F: 5853
Franchimont P: 2755
Francis D: 8350
Francis GM: 9290
Francis GS: 152
Francis PB: 985, 2756
Francis RD: 3533–3534
Franco A: 7002
Franco D: 9006
Franco R: 1257
François D: 2757
François J: 2758–2759
François P: 2760
Francomano F: 1702
Francoual M: 2761
Frangione B: 6130–6131, 8068, 10046
Frank HA: 2809
Frank M: 2762
Frankel H: 1141, 3111
Frankel HA: 2763
Frankish NH: 2764
Franklin EC: 5398, 6130–6131, 8068, 10046
Franklin RB: 2765
Franklin RM: 3871, 9354
Franks JJ: 2766
Franz K: 3753
Franzblau C: 6052–6053, 8842
Fraser C: 7800
Fraser DM: 2767
Fraser FC: 4506
Fraser IS: 2768
Fraser R: 2769
Frasson F: 1574
Fratantoni JC: 2770
Frazier SH: 8085
Fredén K: 5101, 6854
Frederick CE: 7769
Frederickson EL: 1689
Frederiksen RT: 9243
Fredga A: 1815
Fredrickson JM: 3405
Freed TA: 1888
Freed WJ: 2771
Freedman AB: 1427
Freedman HJ: 2772
Freedman J: 2773
Freedman JT: 6177
Freedman M: 2774
Freedman MH: 2392, 4051
Freeman AH: 2775
Freeman CB: 7620
Freeman DJ: 2776
Freeman LM: 3720
Freeman M: 2777
Freeman MA: 2778
Freeman NS: 2779
Freeman RG: 4018
Freeman RM: 8618
Freeman RS: 2602
Freer RJ: 356
Freer ST: 866
Freese P: 2780–2781
Freiman D: 8514

Freireich EJ: 2782
Freistedt B: 6920
Freitas OC: 1453
Frelek M: 2783
Frelick R: 2673
French BN: 2269
French DA: 1393
French JE: 2784
Freni G: 8657
Frenkel M: 9012
Frénoy JP: 2785
Frenzel J: 5653–5654
Frère JM: 2786
Fresh JW: 2069
Fretz K: 7924
Fretzin DF: 8788
Freudin N: 2919
Freuler F: 3942
Freund JL: 2787
Freundt KJ: 2788
Frexinos J: 9294
Frey C: 9691
Frey D: 2789
Frey J: 7110
Frey JA: 7136
Frey T: 2790
Frey W 2d: 3162
Frey-Wettstein M: 2791, 8224
Freyschmidt J: 5340
Freytag JW: 2792
Frezza M: 2793
Frič EK: 5814
Frič P: 4539, 5813
Frick G: 2794–2801, 2801, 3278, 3865, 7374
Frick P: 2799
Frick R: 2800
Frick U: 2794–2796, 2798, 2801, 3278
Fridez C: 2802
Fridkin M: 4835, 8708
Fridrich R: 3453, 3455, 4080
Friebel TE: 2803
Fried D: 2804
Friedebold G: 4055
Frieden EH: 2805
Friedenson B: 2806
Friedlaender MH: 2807
Friedland M: 7475
Friedman BA: 5330
Friedman E: 1381
Friedman EA: 1342
Friedman EW: 2808–2809
Friedman G: 1494
Friedman GB: 340
Friedman IH: 3443
Friedman ME: 6150
Friedman PA: 2810–2811, 3699
Friedman RJ: 1309, 6300
Friedman RM: 7645
Friedman SA: 2812
Friedman SG: 608
Friedman SJ: 8554
Friedmann G: 2813
Friedmann T: 2814
Friedrich E: 2815
Friedrich M: 2816
Frier BM: 2817
Friesen RH: 2818
Friess G: 2819
Friezner SJ: 2220–2221, 2223
Frigon RP: 5404
Frileux CI: 2820
Frimmer M: 2821
Frintzilas M: 6308
Friocourt MP: 2822–2823
Frishman W: 2824
Frison JC: 2825, 7739, 7816
Frist RA: 129, 8843, 9178
Frith CD: 1071
Fritsche HM: 2826
Fritschy J: 2827
Fritz H: 1015–1017, 2145, 2628, 2649, 2828–2830, 6809, 8074–8076, 8112–8113, 10084–10085
Fritz RR: 6267
Fritzsche P: 6301
Frizen VG: 2528
Fröberg J: 6967
Froelicher VF: 2831
Froggatt GM: 6704
Frohman EM: 2832
Frohn MJ: 2833
Frohnsdorff KG: 8331
Froidevaux A: 6363
Froissart M: 6235
Frojmovic MM: 2834, 9083
Frol'kis RA: 2617
Frol'kis VV: 1535
Frolova GF: 9674
Frolow K: 1270
From AH: 2835
fromageot P: 8321
Fromant M: 2560
Frommel D: 136, 2836
Froschauer J: 8714
Froscio M: 6454
Frost TH: 4645
Froysaker T: 6676–6677
Fruchart JC: 2013, 4256, 8069
Fry DL: 5764
Fry GL: 3894–3895
Frytak S: 5674
Fu P: 2837
Fuchs C: 7846
Fuchs EC: 6017
Fuchs G: 2355–2356, 2838
Fuchs HF: 2232
Fuchs R: 8392
Fudenberg HH: 3912, 9990–9991
Fudeta H: 2839
Fudge RP: 2840
Fueger GF: 7376
Fuentes JM: 9656
Fufin VI: 2841
Fugate FD: 2842
Fugazzola C: 1574
Fuhrer JP: 9813
Fujii H: 3709
Fujii K: 2843
Fujii S: 4125, 7905, 9070
Fujii T: 4563
Fujii TK: 9027
Fujikawa K: 1959, 2844–2846
Fujimaki M: 2847
Fujimatsu S: 9106
Fujimori H: 6330
Fujimoto S: 4707
Fujimoto Y: 5998, 6329
Fujimura Y: 10169
Fujine M: 10138
Fujita J: 3883
Fujita K: 6816, 9014
Fujita M: 6494
Fujita T: 2848
Fujita Y: 8437
Fujitani B: 2849, 10160
Fujiwake H: 6521
Fujiwara H: 2850
Fujiwara K: 2851–2854, 6526
Fujiwara T: 4893
Fukami MH: 2855
Fukao K: 2856–2857
Fukasawa T: 2858
Fukase M: 3583
Fukuda K: 4137
Fukuda M: 2859
Fukuda R: 5952
Fukui A: 9065
Fukui H: 2860–2861
Fukunaga H: 2862
Fukuschima T: 2863
Fukushima H: 2864
Fukushima N: 10105
Fukushima Y: 6236
Fukutake K: 2847, 2865
Fulbright RS: 7768
Fulkerson JP: 2866
Fuller GM: 2867, 5117
Fuller T: 1360
Fulton RM: 2868
Fulton WF: 2869–2870, 5248
Fumarola D: 2871–2872, 2872
Funakoshi Y: 2873
Funding J: 2471
Fung YC: 2874
Funiciello AM: 2875, 7618
Funke HD: 9173
Funston MR: 2876
Furie B: 2877–2879
Furie BC: 2877–2879
Furihata C: 9142
Furkalo NK: 2880–2881
Furlan M: 2882–2889, 7449, 8270–8271
Fürst-Denzer S: 3625
Furtel' VA: 2887, 3415
Furthmayr H: 303
Furugren B: 2888
Furukawa K: 4579
Furukawa S: 2889
Furukawa T: 2890
Furukawa Y: 2891–2892
Furumichi A: 5036
Furuta I: 2893, 5093
Furuta S: 4484
Fuscaldo AA: 1178
Fuscaldo KE: 1178
Fusco FA: 1403
Fushimi H: 2894
Fuska J: 2895
Fusková A: 2895
Füst G: 2896–2897
Fuster V: 2136, 2898, 5413
Fustinoni O: 7839
Futrell JW: 5609
Fux HD: 3587
Fuyamada H: 2899
Fye KH: 6384
Fyffe JA: 2900
Fyrand O: 2901

G

Gaafar HA: 5251
Gaastra W: 2530, 9503
Gabbani A: 1629
Gabbe SG: 6574
Gabbiani G: 1077, 2902
Gabel D: 2903, 4542
Gabel VP: 946
Gabert A: 5218
Gabeskiriia RIa: 10287
Gabl F: 8692
Gabrial GN: 2904, 6305
Gabriel HP: 6241
Gabriel R: 3164
Gabriel W: 2905–2906
Gabrielidis K: 4532
Gabrielli A: 1867
Gabryelewicz A: 8755
Gabuniia RI: 2907
Gacon G: 1095
Gacyk W: 2908
Gadbois T: 5986
Gadner H: 8034
Gadski RA: 2909
Gadzhieva ZM: 6533
Gaebert AK: 2910
Gaertner FH: 2911, 5170
Gafà M: 2912
Gaffin SL: 2913
Gaffney PJ: 2914–2920
Gafter U: 2918–2919
Gagalang E: 4424
Gagnatelli G: 1045
Gagne C: 2920
Gagnon JH: 2921
Gahill JF: 8085
Gaidulis L: 10158
Gaillard S: 8837
Gaïster NA: 7447
Gajdos P: 7482–7483
Galanakis D: 7223
Galankin VN: 4453
Galanos C: 7633
Galante JO: 4577, 5720
Galardy RE: 4950
Galasko CS: 510
Galatioto S: 2922
Galdabini JJ: 8255
Gale RP: 2923
Galembeck F: 7358, 7957
Găleşanu M: 6149
Galietti F: 9565
Galili U: 2924–2925
Galindez FE: 3450
Galindo JH: 247
Galindo N: 2926

Galiński J: 2927
Galivan JH: 2843
Galkin AV: 5643–5644
Galkina TA: 2928
Gall WE: 2929
Galla JD: 3661
Gallagher JC: 1970
Gallagher JG: 61
Gallagher JS: 5668
Gallagher M: 5608
Gallasch G: 9672
Galle J: 3828
Gallet de Santerre JF: 440, 2703
Galletti PM: 7602
Galli G: 8686
Galli P: 6276
Galli V: 9068–9069
Gallily R: 1356
Gallin JI: 1642
Gallinet D: 6178
Gallizia GF: 2930
Gallop PM: 3699
Gallotti R: 2725, 7117
Gallucci V: 1489
Gallus A: 9377
Gallus AS: 2931–2937, 3881
Galoyan AA: 2938
Galstian SM: 10302
Galstian StM: 10302
Galton DA: 1328
Galton DJ: 2939, 7512
Galun R: 111
Galushkin AN: 2940
Galvan L: 9101
Galvão MM: 2941
Galvin MJ: 2942
Gamarra E: 7558
Gamba G: 2732–2736, 2733–2736, 3408
Gambarin BL: 2943
Gamberini G: 1377
Gamborg OL: 3661
Gammill SL: 2944
Gams E: 8879
Gan JC: 1322, 10181
Gander MP: 2945
Gandjbakhch I: 1357–1358, 7792
Gandolfi L: 8681
Gandolfo GM: 2946
Ganel A: 2947
Ganelina IE: 2948
Ganesan D: 2949
Gäng V: 2950
Gangolli SD: 5152
Ganguly P: 2951–2952, 2952, 6404
Ganley JV: 5689
Gann DS: 2953
Gann M: 2954
Ganssert S: 6011
Ganul IuL: 2059, 9144
Gara A: 6264
Garagan SE: 684
Garancis JC: 9783, 9785
Garand G: 2094
Garattini S: 2021, 2025, 7263–7264, 7264, 9947–9949
Garbe I: 8199
Garcia B: 1938, 2802
Garcia CA: 4447
Garcia E: 6259, 6902
Garcia ED: 2955
Garcia ML: 2955
Garcia R: 1773, 2956, 7686
García-Conde J: 2957–2959, 6097
Garcia Lopez F: 4341
Garcia-Pascual B: 6683
Garcia Puges AM: 2960
Garcia Ruiz IR: 2961
García Zueco JC: 2962
Gardaz IP: 8956
Gardea A: 5400
Gardikas C: 2333, 8758
Gårdlund B: 2963–2965
Gardner EJ: 4393
Gardner P: 2966
Garel JR: 2967
Garel MC: 2968
Garg DK: 2969
Garibjanian BT: 4362
Garlipp M: 2970
Garmasheva NL: 2971
Garner DL: 592, 2972–2973
Garnier M: 3001
Garola RE: 2974–2975
Garovoy MR: 3312
Garreau H: 5890
Garrett RA: 6606
Garrido E: 8244
Garrison MM: 8712
Garrison RJ: 2976
Gartside PS: 4164
Garver DL: 6982
Garvey JW: 2977
Garvin PJ: 2978
Gasalla R: 7738
Gasanov DG: 8764
Gasaryan KG: 5085
Gasbarrini G: 1672
Gasic GJ: 2979–2981
Gasic TB: 2979–2981
Gaspar G: 2982
Gaspar MR: 2983
Gaspard U: 2984
Gaspard UJ: 2985
Gasparotto ML: 4032
Gass JD: 2986
Gass RF: 2987
Gassel WD: 3195
Gast WH: 2988–2989
Gastaldi G: 2990
Gaston MR: 4362
Gastpar H: 2991–2992, 2992–2994
Gastpar M: 7407, 10013
Gaszynski W: 2995–3003
Gatard L: 2270
Gates DJ: 1417
Gates GF: 6168, 8742
Gatewood D: 7372
Gáti I: 7459
Gati WP: 3000
Gattegno, L: 3001
Gattenlöhner W: 3779
Gatti G: 7618
Gatti RA: 6485
Gattringer C: 3002
Gaucher GM: 3003
Gaudin H: 5166
Gaudric A: 1790
Gaulden ME: 3465
Gaulme J: 7506
Gaultier M: 3004
Gaunt JI: 1200
Gauthier N: 8974
Gautvik KM: 6897
Gavrilov OK: 3005
Gavrisheva NA: 7146
Gawdzińska-Grabowska H: 3006
Gawdziński M: 3007
Gawel MJ: 3008
Gay B: 3009
Gaylor JD: 3484
Gayová E: 4918
Gazengel C: 4244
Gazenko OG: 3010
Gazes PC: 3011
Gazet JC: 1882
Gazit E: 3012
Gazzaniga AB: 9278
Gazzard BG: 3013
Gealy WJ: 1584
Gear JH: 127
Geary CG: 5815, 6185
Gebauer A: 3918
Gebbers JO: 1300–1301
Gebhart W: 3014
Gebre-Medhin M: 3807
Gedamu L: 104, 1965, 3015–3017
Gedde-Dahl TW: 4330
Geddes AM: 1644
Gedeon A: 1129
Gedney CD: 9794–9795
Geer JC: 8370
Gega FA: 3018
Gegova A: 3019
Geha AS: 5808
Gehring G: 2950
Geiger C: 3020
Geiger R: 3021–3023
Geipel D: 1289
Geisler N: 3024–3025
Geisow MJ: 3026
Geissler RH: 5274
Geĭtman Ila: 3027–3028
Geizayd EA: 6219
Gelatt KN: 3029
Gelbke HP: 3030
Gelder F: 6264
Gelderblom H: 9954
Gelfand JA: 2762
Gelfand MC: 3031
Gelfand ML: 929
Gelin BR: 5663
Geller LI: 3032
Geller SA: 4986
Gellert M: 3033
Gelman RA: 897, 8164
Gelman-Malachi E: 3109
Gelov N: 3034
Gembardt C: 2683
Gemelli M: 513
Gemperle M: 8955–8956
Genaux CT: 2284
Gendelman S: 3035
Genell S: 3036
Genesina TI: 497
Genest J: 1475, 2956
Gengler L: 7179
Gennaro AR: 3037
Gennis RB: 7457
Genova R: 5973, 9068–9069
Gensini G: 6534
Gent M: 1585, 2937, 3039, 6300
Genta F: 5974
Gentil V: 3038
Gentile M: 2604
Genton E: 3039, 3691, 8769–8770
Gentry PA: 3040–3042
Gentry SR: 4062
Genuth SM: 8146
Geoffroy D: 130
Geoffroy G: 9494
Geoffroy P: 437
George AM: 1751
George AN: 2985
George ER: 3043
George JN: 4544
Georgescu C: 8869
Georghiou P: 3044
Georgi M: 3501–3502
Georgiev L: 442
Georgievskaia B: 479
Georgievskiĭ VP: 3045
Georgii A: 9168–9169
Georgopapadakou N: 3046
Georgrievska B: 8520
Gerard C: 6941
Gerasimova EN: 3047–3048, 3048, 5196–5197
Geratz JD: 9222
Géraud G: 3049
Géraud J: 3049
Gerbal A: 7693
Gerbaux A: 2746–2747, 3050–3051, 5201
Gerber H: 4615
Gerber JN: 3546
Gerber LD: 7820
Gerday C: 1663, 3052
Geren CR: 3053
Geren LM: 3053
Gerig JT: 3054
Gerjarusak P: 3055
Gerlach D: 4853
Gerlinger P: 5612
Gerlock AJ Jr: 3056–3057
German GP: 3058
German HJ: 3059
Gero S: 2896–2897, 3060
Gerrard JM: 3061–3064, 3062–3064, 3163, 3979, 7475, 9922
Gerritsen SM: 3065
Gersel-Pedersen N: 3066
Gersel-Pedersin N: 3067
Gershon ES: 3068, 5286
Gershon H: 10246–10247
Gershon-Quaroni E: 7430
Gerstenberg E: 4667
Gerster JC: 3069
Gerstner JB: 3070
Gerth C: 6568

Gertler A: 3071, 5747, 8390
Gertler MM: 3072, 10183–10184, 10184
Gertz SD: 3073, 4672, 6572
Gertzbein SD: 3074
Gervais M: 3075
Gervin A: 3128
Gervin AS: 1253
Gessler U: 3076
Gétaz EP: 3077–3078
Gething MJ: 3079
Gettelfinger DM: 3080
Gevorkian DG: 155
Gewurz H: 458, 1645, 2624–2626, 5875
Geyer G: 3081, 3568–3570, 8072
Géza S: 3082
Ghadially FN: 3083
Ghahremani GG: 4493
Ghandur-Mnaymneh L: 3084
Gharbi RM: 3125
Ghariani M: 689
Gharib A: 5135
Ghatak S: 6405
Ghekiere L: 6611
Ghelli G: 1452
Gherasim L: 3085, 6148
Gherghina I: 6149
Gherlinzoni G: 3086
Ghidalia W: 3087
Ghielmetti C: 3088
Ghilhot JH: 3119
Ghiringhelli L: 3089
Ghiselli GC: 9847
Ghista DN: 9547
Ghose K: 2385
Ghose T: 367
Ghosh A: 3090
Ghosh BB: 3090
Ghosh BK: 6407
Ghosh JJ: 485, 6486
Ghosh SK: 3091
Ghuysen JM: 2786
Giaccardi GC: 1676
Giagnoni G: 3092
Giannelli S Jr: 3093
Giannestras NJ: 3094
Giannico S: 1487
Giannitsis DJ: 3095
Gianoulakis C: 8282
Giardina P: 3849
Giarelli L: 4809
Giargiana FA Jr: 3596
Gibaldi M: 3096
Gibberd FB: 3097
Gibbons IR: 6789
Gibbs D: 3098
Gibson D: 1671
Gibson MH: 3099
Gibson RA: 3100
Gibson W: 9582
Giddings JC: 1169, 8388
Gidrol C: 6702
Gidron E: 3101, 5882
Gielchinsky I: 151
Gierecksky KE: 3102–3104, 3103–3104
Gierczyńska A: 3105
Gierhake FW: 3106
Giertler U: 9862
Giese W: 8200, 8203
Giesecke AH Jr: 3107
Gietko M: 2783
Gigli I: 8504
Giglio JR: 1573, 3108
Gil D: 5137
Gil Aguado M: 6730
Gil Fernández J: 6286
Gil Zaragüeta J: 2036–2037
Gilabert J: 396–397
Gilat T: 3109
Gilbert CA: 8596
Gilbert CW: 5368
Gilbert EF: 519
Gilbert FR: 8889
Gilbert GJ: 3110
Gilbert J: 1854
Gilbert JV: 7250
Gilbert L: 151, 3111
Gilbert MS: 3112–3113, 5171
Gilbertson TJ: 8637
Gilchrist JE: 2112
Gilchrist T: 3483, 5483
Gilden DH: 3114
Giles GR: 1144
Giles HR: 4765
Giles N: 8889
Gilfrich HJ: 4254–4255
Gilhuus-Moe CC: 7529
Gilka F: 2111–2112, 2112
Gill C: 2658
Gill FM: 4731
Gill JE: 7521
Gill WN: 5913, 7824
Gillard GC: 5602
Gillen GH: 3115
Gillet C: 3116
Gillet M: 1597, 7798
Gillett PG: 10053
Gilliam EB: 4228
Gillick M: 9879
Gillies CM: 9981
Gillies PJ: 3117
Gillmann H: 3118
Gillot CI: 2820
Gilly J: 7119
Gilly R: 3119, 6702
Gilmer PR Jr: 4844
Gilmore NJ: 3120, 6338–6339
Gilmour DG: 6961
Gilotta S: 2793
Gilsanz V: 3121
Gilunova NI: 6978, 8466–8467
Gimbrone MA Jr: 3122
Ginelli T: 6949
Gins R: 9171
Ginsberg LC: 3123
Ginsberg M: 4945, 8565
Ginsburg AD: 1058, 3124
Ginters J: 9441
Ginzburg LS: 7145
Giorcelli F: 298
Giordano D: 1403
Giordano O: 7177
Giorgio A: 2621
Giorgio AJ: 4663
Giovannini P: 1333
Gipson LL: 6274
Giraldo G: 3125
Giralt M: 2962
Girard F: 7404
Girard JP: 3126
Girard JR: 346–347, 349
Girardet M: 3127
Giraud G: 5664
Giraud R: 7563
Girdano J: 3128
Girling DJ: 3129
Girndt J: 3130
Girolami A: 792, 1219, 2054–2055, 3131–3143
Girouard-Antonopoulos E: 904
Giroud JP: 9238
Giroux EL: 9531
Girschek PK: 7891
Giry PB: 3144
Gishen P: 1838
Gisselbrecht H: 1597
Gitel SN: 3145–3146, 9898
Gitsch E: 3147
Giudicelli Y: 3148, 4268
Giuffrida G: 2609
Giuliano AE: 5462
Giuntoli M: 174
Given KM: 3357
Givet A: 7119
Gjesdal K: 3149–3151, 9446
Gjone E: 6709, 8006
Gjonnass H: 3152
Gjønness H: 3153
Gjöres JE: 3154
Glade PR: 576, 5629
Glader BE: 3155
Gladin NK: 2266
Gladisch R: 8144
Glanddier Y: 9152
Glangeaud MC: 3156
Glants RM: 1925, 3157–3159
Glantz MD: 6705
Glanzmann C: 3160
Glaser E: 3161
Glaser JH: 2763
Glass A: 2673
Glass DB: 3162–3163, 3212
Glass J: 3164–3165
Glass JD: 6121
Glass L: 2522
Glassberg AB: 4013
Glasser RJ: 9558
Glasser SP: 3166
Glassford DM: 836
Glassman AB: 3167
Glassman AT: 9920
Glassman SE: 4170
Glassner K: 3168
Glassock RJ: 7019
Glatstein E: 8193, 9976
Glatz CE: 3169–3170
Glatzl A: 8103
Glauert AM: 544
Glazer G: 3171, 8771
Glazier RL: 3172
Glazunova GA: 3173
Gleckman R: 3174
Gledhill RM: 1131
Gleich GJ: 5412
Gleĭzerov VZ: 3275
Glemzha AA: 6972–6973
Glenn EM: 3175
Glenn GC: 3176
Glenner GG: 3177, 8542
Glick G: 7183
Glick SM: 1883–1884
Glickman MG: 4187
Glicksman AS: 8024
Glifberg I: 353
Gligora M: 9712
Glimcher MJ: 8339
Glocke M: 7130
Glogner P: 3777
Glomset J: 3629, 7775
Glomset JA: 6709
Glonek T: 5129
Gloster ES: 3178
Glover CJ: 3179
Glover JL: 3180
Glover V: 3181–3182
Glovsky MM: 6611, 7784
Glowiński S: 10070
Gluck L: 2693
Glueck CJ: 4164, 4546
Glueck HI: 3466, 5599, 5668
Glusa E: 5908
Gluza E: 555
Glynn LE: 3183–3184, 3184
Glynn MF: 904, 3405
Gmür J: 3185
Go VL: 2164–2165
Goaman LC: 7703
Gobbi M: 7837
Göbel EA: 3186
Göbel U: 7925, 9698–9699
Gobin F: 1357
Goble P: 4670
Gočárová K: 3187
Gockenjan G: 3809
Godal HC: 887, 1185, 3188–3189, 7529
Goddon R: 3190
Godeau P: 1358, 3191–3192
Godefroy F: 966
Godel V: 7533
Godette G: 8929
Godfrey HP: 3193
Godin DR: 2062
Godsick PA: 3194
Goebel KM: 3195–3196
Goebel R: 1021, 8066
Goebel WM: 3197
Goebell H: 3198–3199
Goeckenjan G: 8157
Goel KV: 8536
Goenen M: 4300, 6319
Goerttler U: 871
Goetzl EJ: 378, 10011
Goffrini P: 7089
Gogolkiewicz J: 773
Goguel A: 3200, 4000
Gohil K: 486
Goĭkhman GI: 1280
Göitner E: 4438
Gokel JM: 9890

Gola A: 1263, 3201–3202
Goland LG: 8603
Golba Z: 3203
Gold ML: 4252
Gold RP: 3204
Goldbarg H: 3644
Goldberg AL: 2517, 3205, 4943
Goldberg AP: 272
Goldberg AR: 10038
Goldberg B: 3206
Goldberg DM: 3207
Goldberg E: 3208, 9912
Goldberg HI: 2188, 3209
Goldberg J: 3210
Goldberg L: 7242
Goldberg M: 3211
Goldberg ME: 3919, 7452
Goldberg ND: 3162–3163, 3212
Goldberg R: 7084
Goldberger L: 3213
Goldblum RM: 3216
Golde DW: 2252
Golden J: 3213
Goldenberg A: 10303
Goldentsvaig YD: 8017
Goldfarb S: 2397
Goldfinger D: 3214
Goldin A: 4362
Golding LA: 1948
Goldknopf IL: 3215
Goldmacher VS: 727
Goldman AS: 3216
Goldman JM: 1328
Goldman L: 3217–3221, 3219
Goldman LN: 466
Goldman T: 6450
Goldmann FL: 9666
Goldschmidt B: 3220
Goldsmith G: 7901
Goldsmith GH: 3221, 7900
Goldsmith GH Jr: 7903
Goldsmith HL: 4519
Goldsmith LA: 3222, 6787–6788
Goldstein A: 7772
Goldstein AL: 3223
Goldstein JL: 1193
Goldstein L: 3224
Goldstein M: 2081, 3225–3226
Goldstein R: 5360
Goldstone J: 7747
Golikov AP: 3227
Golizorskiĭ SD: 7424
Goll DE: 3941
Gollwitzer R: 9087
Goloborod'ko OP: 724, 3228
Goloshchapov ET: 9251
Golosova NA: 1947
Golosova TV: 72, 280
Golovastova GI: 3513
Golovich GV: 3229
Golovin GV: 3230
Golovina IG: 5541
Golovinskiĭ BG: 5503
Golovko NG: 8464
Golpe JA: 2957
Golse B: 3231
Goltzman D: 3232
Golub AL: 3233
Golub VP: 6578
Golubev AP: 3234, 4529
Golubeva VL: 70, 280, 3235
Golumb SB: 9537
Gomazkov OA: 3236, 4882
Gombos EA: 810
Gomensoro JB: 3237
Gomery P: 1112
Gomes AS: 3436
Gomes OM: 3238
Gomez J: 1938
Gomez JE: 867, 1939
Gómez L: 9259
Gómez MR: 517
Gómez Díaz J: 7711
Gómez-Parga JL: 1366
Gomi H: 8439
Gomoll M: 739
Gomperts ED: 1100, 3239–3244, 6082, 10295
Gonçalves N: 3245
Goncerzewicz M: 3246
Goncharenko LL: 3247, 6210
Gonda I: 3248, 10016
Goñi M: 251
Goñi Imizcoz M: 9620
Gonmori H: 3249
Gonski A: 2648
Gontar' AM: 9571
Gonzales A: 4218
Gonzalex A: 3250
González A: 3251
Gonzalez AC: 3631, 5841
Gonzalez AG: 3252
Gonzalez CF: 2379
González E: 1848, 7463
González R: 3253
González Ceron M: 37
Gonzalez-Garza MT: 3254
Gonzalez-Gronow M: 3255
González Lara D: 8498
Gonzalez-Molina A: 3256–3257
González-Panizza VH: 699
Gonzalez-Vitale JC: 10100
Good RA: 2835
Goode TB: 1964, 3258
Goodger BV: 3259
Gooding GA: 3260
Gooding KM: 8102
Gooding RA: 9127
Gooding RH: 3261–3262, 9176–9177
Goodman DB: 7491
Goodman HM: 3282
Goodman JG: 2677
Goodman R: 3263
Goodnight SH: 6820
Goodnight SH Jr: 2684, 3264, 7334–7335
Goodwin J: 2313–2314
Goodwin RA Jr: 8822
Gooneratne NS: 8298
Goossens J: 1656, 2011
Goossens M: 2968
Goote TM: 3675
Goplerud D: 177
Goradia RY: 3265
Gorbach SL: 567
Gorbunov OM: 916
Gorbunova ZV: 4103
Gordeev NN: 3266
Gordillo GP: 6376
Gordillo O: 2638
Gordin A: 5794
Gordini V: 2725
Gordon AG: 5443
Gordon AH: 3267
Gordon BR: 8279
Gordon DA: 4947
Gordon DH: 5095, 5376
Gordon E: 6450
Gordon F: 3268
Gordon HL: 459
Gordon JA: 5055
Gordon JL: 1775, 2002, 3269–3270, 5710
Gordon MN: 3271
Gordon P: 5614
Gordon S: 6688
Gordon YB: 3272, 7497
Gordon-Smith EC: 3737
Gorecka A: 3273
Gorelova AM: 3513
Goren C: 4310
Goren SB: 3274
Gorenshtein AI: 3275
Gorenstein DG: 3276–3277
Göretzlehner G: 2795, 3278
Gorevic PD: 5398
Gorges K: 9456
Goriachkin IaK: 3279
Goriachkin IaKh: 3280–3281
Gorin E: 3282
Gorin N: 3283
Gorin NC: 3284
Göring HD: 3285
Goris J: 2019
Gorišek B: 1022
Gorlin R: 3286–3288, 3287–3288
Gorlin RJ: 3289–3293, 3291
Gorlina NK: 3292
Gorman AM: 4599
Gorman RR: 2685, 3293, 6172
Gormsen J: 199–201, 2531, 2541, 2564, 3294–3296
Gornik VM: 9682
Gorodetskiĭ VM: 3297
Gorodovsky J: 1485
Görög P: 3298–3299
Gorokhovskaia GN: 4202
Gorokhovskaia MG: 6067
Gorshkov VA: 3300–3301
Gorshunova NK: 6073
Górska D: 3246
Gorski A: 3302
Gorski J: 3303
Gorst DW: 1856, 3304
Gorun V: 1871
Gościński I: 3305
Gospodarowicz D: 3306
Gospos C: 870
Gosselin C: 3481
Gosselin G: 300
Gostishchev VK: 3307–3308, 3412, 8878
Goto H: 9823, 9825
Goto K: 9077
Goto S: 3309
Gotoh T: 9079
Gotshall RA: 2321, 3541
Gotsman MS: 3073
Gott VL: 2207
Gotta H: 2052
Gottberg C: 275
Gottenbos JJ: 3310
Gottfried S: 3311
Gottfries CG: 9937
Gottlieb A: 2804
Gottlieb MN: 3312
Gotto AM Jr: 4228
Götz F: 8107
Götze O: 1990, 6057, 8181
Gouault-Heilmann M: 771
Goud AN: 3886
Goudard A: 2703
Goudemand J: 3313
Goudemand M: 3313, 6043
Goudsmit A: 2339
Gougeon J: 8293
Gough MH: 1369
Goulay J: 5575
Gould D: 3792
Gould SR: 3097
Goulon M: 7482–7483
Goumans H: 9505
Goutner A: 653, 3314
Gover PA: 3315
Govers-Riemslag J: 3774, 9583
Govier DA: 3316
Govorunov GV: 3317
Gowda VV: 3318
Gowenlock AH: 3319
Goya N: 3320
Goyle KB: 2229, 7344
Gozzetti G: 1703
Graban W: 3338
Grabarek Z: 2246
Grabb WC: 3321
Grąbczewski Z: 9437
Grabensee B: 3809
Grabner G: 1220
Grabovskaia KB: 3322
Grabowski R: 3323
Graboys TB: 3324
Grabstald H: 10100
Grace MG: 5859, 6167
Gracey DR: 2450
Gracheva ND: 3325
Gracheva ZA: 8324
Gracia A: 2962
Gracis GP: 9521
Graeff H: 3326–3327, 3544, 8790, 9692
Gráf L: 429, 3328–3329
Graff KS: 1133
Grage TB: 9871
Graham CW: 3330
Graham DY: 3331
Graham JB: 3332–3333
Graham WP 3d: 4348
Grahame-Smith DG: 1064
Grainge CA: 5710
Graisely B: 3334, 9326
Grajek S: 3335
Gralnick HR: 1766, 3336

Granacher RP Jr: 2497
Granados Hernández W: 7711
Granata G: 2044
Granati L: 5836
Granberg J: 3337
Grand RJ: 4242
Grande LA: 3911
Granger A: 7417
Granger SM: 3466
Granier C: 624
Granovskaia RM: 2948
Granowska M: 3338
Granström E: 3339, 7445
Grant DA: 3805
Grant E: 339, 3182
Grant EL: 340
Grant GA: 3340–3341
Grant ME: 6081
Grant P: 8886
Grant RA: 6845, 10294
Grappel SF: 3342
Grasser H: 3343
Grasset D: 3344
Grassi C: 3345
Grate H: 3263
Gratton L: 2732–2736, 2733–2736
Grau A: 3346
Grauer M: 1693
Grauso F: 1672
Graves CB: 8259
Graves JM: 3347
Gravier R: 4289
Graw P: 7407, 10013
Graw RG: 3348
Gray AI: 2670
Gray JH: 7800
Gray JM: 4090, 9230
Gray L: 1201–1202
Gray RK: 3437
Gray TI: 7090
Gray WR: 7966, 9289
Grčić R: 3349
Greally JF: 6434
Greaser ML: 1715
Greaves JH: 3350–3352, 3351–3352
Grebe G: 6124
Greco AM: 783
Greco F: 7046
Green A: 3353
Green AE: 3354
Green C: 7361
Green D: 1537, 3355–3359, 5687, 7446
Green DL: 3360, 8405
Green DM: 1237
Green DP: 3361
Green G: 3362–3364
Green GD: 3365
Green H: 3366, 5082
Green HD: 4074
Green JB 3d: 1400, 3367
Gréen K: 8985
Green MK: 3619
Green NM: 3368
Green RA: 3369
Green S: 9262
Green VA: 9418
Green WH: 1381
Green WT: 2244
Greenbaum DM: 3370
Greenberg P: 3371
Greenblat CS: 2921
Greenblatt DJ: 180
Greene CE: 3372
Greene E: 2878
Greene HL: 4220
Greene JW Jr: 3373
Greene LJ: 558, 3374
Greenfield LJ: 3375, 8237
Greenidge NE: 587
Greenleaf AL: 3376
Greenstein AJ: 2249
Greenwalt TJ: 10292
Greenwood BM: 9810
Greenwood MF: 3377
Greenwood MR: 3838
Gregg B: 6485
Gregoire J: 8555
Gregor J: 7189
Gregory EM: 3378
Gregory H: 3379
Greig HB: 3380
Greig RG: 3381
Greiling H: 3386–3387, 8042, 8892
Grekova VK: 283, 9432
Greller LD: 2488
Grellet J: 1467
Grenda J: 3382
Grendahl H: 3383
Grenier J: 8826
Grenier JF: 2439, 3384
Grents NI: 2549
Gresham GA: 3385
Gressner AM: 3386–3387
Greston WM: 4772
Greten H: 3388–3389, 4802–4803
Greuel H: 9894
Grey HM: 1033
Grgić Z: 1478–1479
Grgičević D: 3390–3392, 3391–3392, 7923
Gribble TJ: 5614
Gridina LI: 498
Grieco AJ: 3393, 8470
Grieco C: 3394
Griepp RB: 3395, 6938, 7931–7932, 8821
Gries G: 6023
Griesenbeck K: 3396
Griffin BY: 8701
Griffin EE: 9963
Griffin HD: 9730
Griffin JH: 1067, 3397–3398, 7586
Griffin LP: 7473–7474
Griffin WS: 6395
Griffith EM: 3399
Griffith GL: 3400
Griffith LS: 3401
Griffiths BL: 2550
Griffiths D: 2162
Griffiths EC: 3402–3404, 9925
Griffiths GW: 3860–3862
Griffiths JM: 209
Griffiths MV: 3405
Griffiths NJ: 3406
Griffo S: 7812
Grifoni V: 9263
Griggs TR: 3407
Grigioni WF: 611
Griglio S: 2027
Grignani G: 3408
Grigor'ev KI: 6045
Grigor'ev MG: 3409
Grigor'ev IuG: 3410
Grigor'eva MA: 3411
Grigor'eva NF: 9653
Grigorian AV: 3412–3413
Grigorian SS: 3414, 7447
Grigor'ian VA: 3415–3416, 3416
Grigorov IuG: 1535
Grillo OC: 3417
Grimaldi JJ: 3418
Grimalt F: 7732
Grimard M: 3419
Grime JK: 3420
Grimes AJ: 1131
Grimes RP: 1064
Grimley P: 8756
Grimmer O: 3421
Grinberg GE: 4980
Grinberg NB: 3422
Grinblat AI: 3423
Grinblat J: 3424, 8448
Grinchenko TS: 9226
Grindle CF: 1328, 3425
Griner PF: 503
Grinnell F: 3426–3427
Grinshteĭn EIa: 2251
Gripon JC: 3428
Grisar JM: 3429
Grishina NB: 6885
Grisolia D: 7956
Grisolia S: 3430, 7821
Grissom MP: 2784
Gritsiuk AI: 3431–3432, 3432–3433
Grmoljez PF: 3434
Grobelny W: 3201
Grobsky GJ: 10015
Groc W: 3435
Grodzińska-Zachwieja Z: 8640
Groeneveld E: 6637
Groff P: 1782
Grollman JH Jr: 3436–3437
Groma SP: 9573, 9681
Grondin CM: 5465–5466
Grondin P: 3438
Groom MJ: 905
Gros C: 1792
Grosclaude J: 772
Grosgogeat Y: 1043, 2256
Gross M: 3439–3440, 3440
Gross N: 1444
Gross P: 3441
Gross R: 930, 3764–3765, 4574, 6213
Gross W: 10281
Gross WS: 8743
Grosse-Siestrup C: 8073
Grosse-Wilde H: 3
Grosser KD: 9427
Grossetti D: 7589
Grosshans E: 3442
Grossi-Belloni D: 7046
Grossman MB: 3443
Grossman SH: 3444
Grossman ZD: 10019
Grossmann K: 3445
Grosso F: 3446
Grote W: 3447
Groth U: 4254
Grotte G: 3448
Grotz J: 3449
Groudinsky O: 3075
Grov A: 2457–2461, 2459
Grover RF: 6240, 9866
Groves LK: 1948
Groves MJ: 3450
Grozdov DM: 74, 3451
Grubb W: 1360
Grubbauer HM: 6440
Grüber A: 2516
Gruber CA: 8637
Gruber UF: 2364, 3452–3458, 4080, 6008, 8174, 8896, 9669, 9691
Gruden S: 4312
Gruffaz J: 3459
Grumet FC: 8499
Grumme T: 3460, 9887
Grun H: 1135, 8051
Grün M: 1224, 5450
Grünberg G: 4991
Grundmann R: 3461
Grundy MF: 3462
Grundy S: 930
Grüneberg F: 3245
Grunevska B: 3463
Grünhagen H: 9774
Grunkemeier G: 8751
Grunkemeier GL: 3464, 8752
Grünn U: 5441
Grunow JE: 3465
Grünstein S: 3044
Gruppo F: 1049
Gruppo RA: 3466
Gruss JD: 3467–3468
Gruszka A: 1231
Grygalewicz J: 3469
Gryglewski RJ: 3470–3472, 3471–3472
Grynbaum A: 5902
Grządzielska E: 5706
Gschnait F: 8820
Gschwend J: 3473
Guaitolini R: 244
Guarini A: 7837
Guarini G: 2076
Guarner Aguilar L: 2960
Guaschino S: 2737
Guazzelli C: 5123
Guccione MA: 1470, 3474
Guckian JC: 3475
Gudat F: 9329
Gudeman JE: 8085
Gudenko VV: 8662
Guerche J: 772
Guerci O: 393
Guerin R: 8293
Guerini P: 9623
Guérinon J: 6922–6923
Guerra L: 514
Guerrant RL: 6726
Guerre J: 3476

Guerrero RR: 7795
Guerrier P: 3477
Guerrini M: 2722
Guerrisi O: 512
Guéry J: 7033
Guesnon J: 2589
Guest JR: 3478
Gueye SN: 3479
Guggenheim S: 5709
Guggi A: 7690, 9268
Güghert H: 1052
Gugliotta L: 7837
Guiard B: 3480
Guichard J: 1147
Guidi C: 7116
Guidoin R: 3481
Guidoin RG: 3482–3484
Guiffant G: 2231
Guignier M: 1501, 3485
Guignot B: 9266
Guillaud JY: 3485
Guillemeteau R: 3486
Guillemin R: 3487
Guillen JC: 2703
Guillevin L: 9477
Guillin MC: 3488
Guillou PJ: 1144
Guillouzo A: 2589, 3489
Guillozet N: 3490
Guimbretière J: 3491
Guinand M: 302, 9448
Guinovart JJ: 5247
Guiotto A: 4152
Guiraud RF: 8512
Guiraud-Simplot A: 3492–3493
Guiraudon C: 1467
Guiraudon G: 1357, 2256, 7792
Guiraudon H: 1358
Guisasola JA: 1454
Guissani A: 3494
Guja A: 3495
Gulati OP: 3496
Guliamov TD: 10210
Gulian JM: 8235
Guliev BG: 56
Gullino PM: 7794
Gumińska M: 10279
Gump FE: 9223
Gundlach WJ: 3497–3498, 6832
Gundolf F: 3499
Gunina LM: 3500
Gunstensen J: 9164
Günther D: 7974
Günther E: 6631
Günther R: 3501–3503
Günzel P: 806
Gupta B: 3504
Gupta JM: 3505
Gupta JP: 8533
Gupta OK: 3506
Gupta RK: 9535
Gupta S: 9535
Gupta SC: 1942
Gupta SK: 4547
Gurd FR: 5326
Gurdjian F: 4284
Gur'eva IG: 3507
Gurevich MA: 8950–8951
Gurevich SM: 5196
Gurewich V: 3508–3511, 5493, 5495–5497
Gurley LR: 3844
Gurll NJ: 3512
Gurwitz D: 6082
Guseinov ChS: 3513
Gusev VP: 6075
Gusmano R: 3514
Gustafson G: 3515
Gustafson GT: 731
Gustafson I: 3516
Gustafsson BE: 3036
Gustafsson L: 3517
Gut G: 7081
Güthert H: 1051, 1053–1054
Gutiérrez Salmeron MT: 301
Gutman A: 60
Gutman GA: 9807
Gutmann FD: 9280
Gutmann W: 10281
Gutschank S: 3751
Gutstein WH: 3518
Gutterman B: 3649
Gutterman BJ: 9881
Guttin-Lombard M: 1361
Guttman N: 3519
Guttmann RD: 2720–2721
Guyot JF: 7797
Guze LB: 608
Guzikowska E: 4842, 9720
Guzman NA: 6848
Gvozdev PI: 3520
Gwatkin RB: 3521
Gwatkin RBL: 3522
Gyldensted C: 3523
Györffy G: 7229, 10285
György J: 3524–3525
Györváry V: 3526
Gyr K: 2593, 10091
Gzovskaia ON: 4194

H

Haacke U: 3527–3528, 3528
Haalebos MM: 9579
Haanen C: 9721
Haarmann I: 5013
Haars R: 3376
Haas CH: 7566
Haas DC: 7219
Haas R: 3529, 4435
Haas T: 6134
Haas-Denk S: 906, 2826, 3530–3531, 7151
Habahpasheva NA: 5880
Habal FM: 1502–1503, 3532, 6385–6386
Habal MB: 5232
Habeeb AF: 3533–3534
Haberland GL: 3023, 3535, 7729
Habermann E: 4436
Habermann ET: 2584
Habozit F: 996
Hachen HJ: 3536
Hachinski VC: 6704
Hack G: 7326
Hackbarth SA: 3537
Hackel F: 3538
Hacker M: 3539
Hacker RW: 2800
Hackett M: 2453
Hackler RH: 3540
Hadar H: 7238
Hadchouel P: 6771
Hadding U: 877
Haddon M: 992
Haddow JE: 1626
Haddox MK: 3212
Hadházy C: 4761
Hadler MR: 7521
Hadler NM: 909
Hadley HL: 6301
Hadnagy J: 7459
Hadorn B: 3815
Haebara H: 2850
Haerer AF: 2321, 3541
Haesse W: 6242
Haferkamp O: 3828
Haffajee CI: 1905
Haffen K: 4600
Hafkenscheid JC: 3542
Hafleigh EB: 8499
Hafner G: 3543
Haftek J: 10203
Hafter R: 3326–3327, 3544, 8790, 9692
Haga M: 3878
Hagan AD: 152
Hagedorn AB: 5414
Hageman JM: 8968
Hageman TC: 3545, 9522
Hagen AA: 3546
Hagen I: 3547–3548, 8664
Hager H: 3549
Hägerstrand I: 662
Haggins JC: 6020
Hagihara K: 3993
Hagl S: 3550, 8879
Hagler WS: 4293
Haglund U: 3551–3552, 3552
Hagmann W: 9669
Hagstrom JW: 518
Hahn E: 3195–3196
Hahn FJ: 529
Hahn JF: 3553
Hahn L: 3554
Hahn M: 4832
Hahn RG: 5674
Hahn W: 3555
Haiat R: 464
Haid M: 3556–3557
Haid SD: 204
Haider B: 6362
Haiderer O: 3558
Haier RJ: 1248
Haight J: 9420
Haile MR: 9964
Haimovici H: 3559
Hainaut J: 3560
Haissily JC: 9848
Hajdú L: 936
Hajduk A: 3561
Hajj SN: 4516
Hakanson DO: 3562–3563
Hakanson EY: 922
Hakenbeck R: 3564
Hakim A: 809, 3565
Hakim AA: 3566
Hakomori S: 7909
Hakura A: 9430
Halász N: 5008
Halbert SP: 6834
Halbfass HJ: 3567
Halbhuber KJ: 3081, 3568–3570
Halbwachs L: 3571
Haley NJ: 3572
Halibašić A: 5807
Hall BD: 3955
Hall EC: 3829
Hall FM: 3573
Hall JG: 903, 3574, 8381
Hall KV: 6676–6677
Hall LS: 6689–6690
Hall RJ: 6164, 6902
Hall TA: 3575
Hall-Brown A: 3619
Hallböök T: 748, 750, 752, 6358
Haller H: 3576
Haller JO: 4552
Hallermann W: 3577
Halley BA: 3054
Halliday IM: 4315
Hallinan T: 9971
Halna CR: 3578
Halon DA: 4977
Halprin GM: 4036
Halprin KM: 9443
Halstead SB: 3579
Halushka PV: 1728, 3580
Halverstadt DB: 3581
Halvorsen S: 6051
Ham JM: 3582
Ham RG: 5717
Hamada S: 3583
Hamaguchi K: 6867
Hamaker WR: 10204
Hamberg M: 7961, 8989–8990
Hambleton G: 7682
Hambley J: 2424–2425
Hamblin JJ: 13
Hamerton JL: 5658–5659
Hamet A: 7189
Hamet P: 1765
Hamilton DN: 10142
Hamilton EG: 5680
Hamilton G: 8054
Hamilton J: 9541
Hamilton JV: 3584
Hamilton PB: 3585
Hamilton RT: 9318
Hamlyn AN: 3586
Hammack WJ: 6113
Hammann HJ: 3587
Hammar H: 3588
Hammar SP: 10008
Hammarström S: 3046, 3589, 5477
Hammer CH: 3590
Hammer O: 3591
Hammerer I: 3592
Hammerschmidt D: 1813
Hammes GG: 6993

Hammond CB: 5436
Hammond GD: 2518
Hammond GW: 5859
Hammond JB: 3593
Hammond ME: 2313–2314, 6877
Hammond WR: 10014
Hamon M: 3594
Hampton J: 2418
Hampton JR: 3713
Hamstra R: 3595
Han KK: 2004
Han SK: 3596
Han YN: 4558, 5982
Hanai K: 3597
Hanania G: 3050, 6922
Hanasaki N: 9393
Hancke S: 4325, 4997
Hancock BW: 3598
Hancock WD: 5509
Hańczyc H: 3599
Handa H: 3600, 5993
Handa J: 5993
Handa KL: 5069
Hande KR: 8835
Handel S: 9157
Handel Y: 5635
Handin RI: 1237–1238, 3601
Handjani AM: 185
Handl S: 5596
Handler J: 374
Handley CJ: 5602
Handwerger BS: 5770
Hanes DM: 3912
Häni H: 3602
Hanid MA: 8496
Haniu M: 9080
Hankins JR: 392
Hanks CT: 3603
Hanna S: 3604
Hannah H: 3605
Hannah H 3rd: 3606
Hannon E: 3263
Hanns J: 4986
Hanoune J: 5131
Hansch C: 3394
Hansen EH: 3607
Hansen HH: 3608
Hansen HJ: 3609–3610
Hansen JB: 7023
Hansen JM: 3611
Hansen MM: 1607
Hansen RJ: 3612
Hansen TM: 3613
Hansen W: 3614
Hansing RL: 6853
Hanson H: 5218
Hanson HS: 9702
Hanson KM: 10224
Hanson L: 7869
Hanson RL: 3615
Hanson SG: 4011
Hansson GA: 118
Hansson JA: 9515
Hänström L: 731
Hantgan RR: 3616
Häntzschel H: 6920
Hanzlik J: 3617
Haoli C: 2215
Haque RU: 5301, 5751, 7827
Hara K: 6007
Hara M: 6817
Hara T: 3309
Harabin MA: 8499
Haračić M: 1038
Harada E: 3618
Harada T: 9106
Haralambus I: 8066
Harary I: 3789
Harbert GM Jr: 6024
Harbold NB Jr: 7681
Harbury C: 7071
Harden PA: 4059
Hardie IR: 3619
Hardin JA: 7615
Hardin WJ: 6968
Hardisty RM: 3853
Harduf Z: 3620
Hardwicke PM: 3368
Hardy GW: 643
Hardy WD Jr: 4551
Hardy WR: 4310
Härfast B: 3621
Hargrave PA: 2710, 3622
Hargreaves LN: 3623–3624, 3624
Harisch G: 7929
Harke H: 3625
Harken DE: 3626
Harker L: 7775
Harker LA: 3627–3630, 7653, 8517, 8585–8587
Harkness D: 3211
Harkness DR: 2154, 5430–5431
Harkness J: 7173
Harlaftis N: 3631, 9000
Harlan WR: 8383
Harlow DR: 9860
Harman RR: 3632–3633
Harmanci N: 2201
Harmeyer J: 8044
Harmon JT: 3634
Harmon LG: 5296
Harney JH: 9111
Harpel PC: 3635–3636
Harper E: 5056
Harrigan J: 3318
Harrington DP: 4572
Harrington NY: 10226
Harrington WF: 8959
Harrington WJ: 83
Harris AW: 9807
Harris CI: 1857, 3637
Harris D: 824
Harris DE: 3638
Harris DJ: 652
Harris DR: 823
Harris EA: 7850
Harris ED Jr: 9893
Harris EK: 7187
Harris GE: 3639
Harris JB: 5964
Harris JI: 9743
Harris JO: 97–98
Harris JR: 3640
Harris MA: 3641
Harris R: 7620
Harris RB: 2976, 6610
Harris RD: 3642
Harris RE: 6456
Harris SK: 3643
Harris TR: 6930
Harris VJ: 3644
Harris WH: 3645–3647, 4322, 7941
Harrison AC: 3648
Harrison EC: 143, 7990
Harrison EG: 7917
Harrison H: 9881
Harrison HN: 3649
Harrison MH: 7298
Harrison MJ: 3650
Harrison MW: 3651
Harrison OS: 1816
Harrison SD Jr: 2067
Harrower AD: 2900, 3652
Harsányi V: 3681
Hársfalvi J: 6465
Hart DA: 3653–3655
Hart DS: 292
Hart GB: 3656–3657
Hart MN: 9870
Hartel W: 3658
Harter ML: 3659, 6921
Hartig W: 6241
Hartman AD: 3660
Hartman E: 3239
Hartmann JX: 3661
Hartmann RC: 3662
Hartree EF: 3521
Hartstein M: 2977
Hartstein ML: 327
Hartsuck JA: 5870
Harumiya N: 6232
Harvey C: 3223
Harvey DR: 65
Harvey J: 3337
Harvey SC: 3663
Harvie A: 5597, 10142
Harwig JF: 3664–3665
Harwig SL: 3665, 4815
Harwig SS: 3664
Harwood R: 6081
Harzbecker K: 3666
Hasart E: 3667
Hasche KD: 918, 6616
Haschen RJ: 3668
Hase T: 3669
Hasebe H: 3670, 10124
Hasebe M: 9078
Hasegawa G: 7998
Hasegawa H: 3671–3672, 3672–3673, 6493
Hasegawa M: 3674
Hasegawa R: 5992
Haselager EM: 3675–3676
Haselberger K: 8584
Hashigaki K: 10120–10122
Hashimoto E: 1578, 6674, 10115
Hashimoto H: 3677
Hashimoto I: 4841
Hashimoto S: 8978
Hashimoto Y: 2839
Hashmonai M: 3678
Hasiba U: 3679, 5418, 8700
Hasilik A: 3680
Hasitz M: 3681
Haskins SC: 3682
Haškovec C: 3683
Haslam RJ: 1968, 3684–3685, 9792
Hasler K: 1046
Hasper B: 218
Hass-Denk S: 8104
Hassan M: 8974
Hassan MM: 5589
Hassemer DJ: 5132
Hassler O: 3686
Hassman TL: 4062
Hasson J: 5024
Hassouna HI: 6717
Hastings JR: 9746, 9748
Hatano M: 9076
Hatch FE: 8398
Hatcher CR Jr: 4505
Hatcher VB: 3687–3688, 3688–3689, 5388
Hatemi N: 7617
Hathaway TK: 3176
Hathaway WE: 3690–3691
Hattersley PG: 3692–3694
Hattingh J: 8605
Hatton MW: 3695
Hattori A: 3696
Hattori K: 4759
Hau T: 3697
Hauber G: 8094
Hauer G: 2591
Hauge A: 9447
Hauptmann J: 3698
Hauptvogel S: 8274
Haus M: 3125
Hauschka PV: 3699
Hause LL: 9786
Hausen BM: 8199
Haussmann P: 4858
Haust MD: 3700
Haustein UF: 3701
Hauswaldt C: 3702
Hautecouverture M: 346–347
Havel RJ: 2630, 9072
Havelec L: 9374
Havelka J: 4962
Havemann K: 2355–2357, 2838, 3195–3196, 8141
Haverkate F: 3703–3704, 3704
Haverstick JN: 2538
Havíček J: 1483
Havlik E: 7879–7880, 7880
Havlik RJ: 2976
Hawiger A: 3706
Hawiger J: 3705–3706
Hawkey C: 1168
Hawkins IF Jr: 4568
Hawley PR: 4309
Hay DI: 8109
Hayaishi O: 10166
Hayami M: 6249
Hayasaka T: 9391
Hayashi C: 3707
Hayashi H: 3708
Hayashi K: 2889, 2891–2892, 4486–4488
Hayashi M: 1659, 3709–3710, 4175, 8437
Hayashi R: 3711

Hayashi T: 4153, 4707
Hayashida T: 5423
Haydu SP: 13
Haye C: 3712
Hayem A: 5147
Hayes A: 5692
Hayes JP: 335
Hayes MJ: 3713–3714
Hayes WL: 3715
Hayes WP: 1561
Hayet M: 3716–3717
Hayflick L: 714
Haynes DW: 510
Haynes JD: 6170
Haynes WD: 8340
Haynie CC: 3584
Haynie M: 3649
Hayreh SS: 3718
Hays FL: 3719
Hayt DB: 3720
Hayward CF: 6783
Hayward RD: 3721
Hazama F: 2850
Hazem AS: 8203
Hazen PG: 3722
Hazum E: 4835
Hazzard WR: 272, 3723
Head DR: 3724
Head KW: 7075
Heaf DJ: 2371, 3725–3726
Heald FP: 4672
Healy RW: 2431
Heap PF: 115
Hearst JE: 3727, 4160, 4365, 9953
Heatley RV: 3728
Heaton A: 3729
Heber R: 3771
Hebestreit HP: 6425
Hebrang A: 1107
Hecker JF: 3730, 8688
Hecker WC: 5476
Hectors MP: 3542
Hedde JP: 834
Heddle JA: 340
Hedges TR: 3731
Hedinger C: 1235
Hedner U: 15–16, 1410, 2405, 3732–3734, 3784, 6661
Hedqvist P: 8985
Heene DL: 3735, 4800–4801, 4976, 6010, 7556
Heerdegen R: 5449
Hegde U: 3736
Hegde UM: 3737
Hegedus LS: 4915
Hegewald G: 2328
Hegt VN: 3738–3739, 9498
Hehne HJ: 3740–3741
Hehunstre D: 7227
Heidbreder M: 245–246
Heidema FT: 3283
Heideman M: 3742
Heidemann SR: 3743
Heiden D: 3744
Heidger PM: 5213
Heidland A: 3779
Heidrich H: 8114
Heidrich R: 3867–3868
Heikkinen D: 4456
Heiland I: 3745
Heilmann E: 3746
Heimbach W: 7165
Heimbecker RO: 3747
Heimburger N: 1213
Heimisch W: 3550, 8879
Hein CE: 211
Heindl I: 1050
Heine H: 2396, 3748–3749
Heiner DC: 8528
Heinrich D: 3750–3752, 3751–3753, 6400
Heinrich HG: 3754–3760
Heinrich PC: 3529, 4435
Heinrich R: 7487
Heinrich RA: 3758
Heinrikson RL: 2104
Heinze V: 3567
Heiss WD: 9374
Heizer WD: 8089, 8447
Hejnal J: 4832
Held E: 3759
Held K: 3760
Helderweirt G: 3761
Helešicová H: 3762
Helgeland L: 3763
Hellberg B: 1923
Helleman PW: 5532
Hellenbrand WE: 767
Heller MJ: 9736
Hellewell AB: 666
Hellings JA: 9584
Hellman S: 3263
Hellriegel KP: 3764–3765
Hellsing K: 9608
Hellsten S: 3766–3768, 3767–3768
Hellum KB: 3769
Hellums JD: 3770
Helmer F: 2202
Helmig L: 3771
Helms SR: 3772
Helwing E: 3773
Hemker HC: 3774, 6412, 9513, 9583, 9585, 9957, 9959
Hemmati M: 6954
Hemmer M: 8955
Hemmy DC: 3775
Hemrika-Wagner A: 2115
Henderson EG: 2583
Henderson J: 9972
Henderson JM: 3013
Henderson LE: 3776
Henderson R: 8587
Hendl J: 4595
Hendrickx G: 9493
Henein MH: 3596
Hengstenberg W: 799
Heni N: 3777
Henkind P: 3778
Henly WS Jr: 4634
Hennemann B: 8056
Hennemann H: 3779
Henness AM: 3780
Hennessy VL Jr: 3781
Henney CR: 1617
Henney CS: 10045
Henning H: 9684
Henning K: 9429
Henninger F: 5615
Henningsen B: 3782
Henningsson E: 214
Henny J: 3783
Henrichsen J: 1610, 2531
Henriksson D: 3776
Henriksson P: 3784
Henry F: 3785
Henry JB: 3786
Henschen A: 3787–3788, 5582–5583, 9281
Henson LC: 3789
Henson PM: 3790–3792, 3791–3794, 4983, 9403
Hensten-Pettersen A: 4239
Hentschel CC: 3795
Henze A: 14, 882
Hepfer TW: 1130
Heptinstall RH: 7076
Heptinstall S: 3796–3797
Herbelinck M: 9999
Herberg KP: 3798
Herberman RB: 4587, 9240
Herbert A: 3799
Herbert MA: 9790
Herbert V: 3800
Hercz A: 3801
Herdter F: 8117
Herman CM: 2692
Hermann M: 9108
Hermanová E: 9625
Hermanowicz M: 2275
Hermans J: 1418, 8394–8395, 9512
Hermansky F: 3802–3803
Hermens WT: 9524
Hermodson M: 1160, 1671, 3804
Hermodson MA: 2179, 4750, 4862
Hermon-Taylor J: 3805
Hermsmeyer K: 3806
Hernandez A: 396
Hernandez B: 1872
Hernandez C: 7357
Hernández Castro M: 1802
Hernández Díaz A: 6730
Herndon JH: 4018
Hernell O: 3807, 6840, 6843
Herr JC: 5213
Herreman G: 3192
Herrera Ceballos E: 301
Herreros V: 1474
Herrmann G: 2489
Herrmann H: 271
Herrmann I: 6033
Herrmann IF: 3808
Herrmann J: 3809
Herrmann RG: 3892
Herrmann W: 481
Herrschaft H: 3810
Hers HG: 9500
Hersey SJ: 3811
Hersh T: 1099
Hershgold EJ: 2062, 4150, 7598
Hershon HI: 6934
Herson S: 110
Hertault J: 3812
Hertrampf B: 8139, 8200, 8203–8204
Hertzer NR: 3813
Herve P: 3814
Hervieu J: 1581
Hervouet F: 5320
Héry F: 3594
Herz R: 2342
Herzberg M: 10133
Herzig RH: 3348
Herzog KA: 3260
Herzog P: 3969
Hesford F: 3815
Hespell RB: 3816
Hess H: 2078, 3817, 5927–5928, 8126
Hess MW: 4615
Hesse RJ: 3818
Hessel B: 2963
Hessel EA: 5245
Hesselmann J: 3819
Hessman Y: 750
Hessov I: 3820–3821
Hester JP: 208, 5662
Hesz A: 5782
Hetrick DL: 6169
Hetzel R: 3822
Heuclin C: 349
Heumann H: 1234
Hewett-Emmett D: 9769–9773, 9771
Hewish D: 3823
Hewitt J: 3824
Hewlett EL: 3825
Hewlett JS: 1271
Hey D: 6597, 8171–8172
Hey EB Jr: 3826
Heybroek G: 400
Heydron WH: 10204
Heyes H: 3827, 5534, 6945
Heymer B: 3828
Heymsfield SB: 3829
Heyn G: 3830
Heyndrickx GR: 5742
Hiatt RA: 6918
Hibbs JB Jr: 3831
Hickey MU: 3832
Hicks BH: 3833
Hicks RE: 3781
Hicsönmez G: 3834, 6942
Hidaka H: 326, 3835
Hidano A: 3836
Hidvegi RS: 3837
Hietanen E: 3838
Hifnawy MS: 3839
Higashi K: 10105
Higerd TB: 3840
Higgins CF: 7066
Higgins M: 2554
Higgins R: 3841
Higgins RF: 757
Higgs EA: 6271
Higgs GA: 3842
Higuchi D: 9058
Higuchi Y: 9350
Hilal SK: 3843
Hilbert SL: 8078
Hildebrand CE: 3844
Hildebrand E: 8197
Hildebrandt PK: 4603
Hilf R: 3634
Hilgard P: 798, 3845–3848

Hilgartner MW: 312, 3849–3851, 4990
Hilger HH: 3852
Hill DC: 8723
Hill FG: 3853
Hill HD Jr: 3854
Hill HF: 3855
Hill J: 3856–3857
Hill JB: 3858
Hill JL: 8519
Hill JM: 4670
Hill JR: 8811
Hill K: 7555
Hill N: 4671
Hill PG: 4144
Hill PM: 3859
Hill RL: 3854
Hill RN: 8715
Hillemanns HG: 10200
Hillenkamp F: 946
Hiller E: 3860–3862
Hillman GM: 2465, 3863
Hillman K: 3864
Hillman RS: 8661
Hills M: 4148–4149
Hillscher A: 3865
Hillson RF: 7817
Hillyer P: 8028
Hilschmann N: 7310–7311
Hilz H: 41
Hinck LW: 3866
Hindenbach B: 5680
Hindersin P: 3867–3868, 5449
Hindfelt B: 3869
Hindmarsh T: 882
Hines HC: 3870
Hinghofer-Szalkay H: 4637
Hinnen R: 3871
Hino M: 2899
Hinschberger A: 6216
Hinsenbrock KP: 4799
Hinshaw DB: 4380
Hinshaw JR: 9881
Hint H: 3872
Hinthorn DR: 3055
Hinton M: 3873
Hinze H: 55, 3612, 4434
Hinzpeter T: 7993
Hiotakis K: 3874
Hipkiss AR: 4629
Hipps CJ: 8853
Hirakawa S: 4175
Hirama M: 3993
Hiramatsu Y: 4892
Hiramoto Y: 4142
Hirano K: 8921–8922
Hirao M: 6502
Hiraoka K: 8918
Hirasawa Y: 3875, 5098
Hirata H: 103
Hirata Y: 3878
Hiratsuka I: 6317
Hirayama A: 9392
Hird SF: 4478
Hirdes E: 5938
Hirizescu D: 3876
Hirizescu E: 3876
Hirohara H: 3877
Hiromi K: 6521
Hironaka T: 6905
Hirono I: 3878
Hirosawa K: 267
Hirose S: 4114–4115, 4142, 5067
Hirs CH: 3879
Hirsch J: 2937, 6551
Hirsch M: 7578
Hirschauer C: 2628
Hirschfeld E: 2819
Hirsh J: 1468, 1585–1586, 2931–2932, 2934–2936, 3880–3882, 4046, 9377
Hirsjärvi E: 6966
Hisada K: 28, 4178–4180
Hisanaga S: 3883
Hisazumi H: 3884
Hishikawa Y: 3885
Hiskey RG: 3886
Histand MB: 1343
Hitchcock G: 5302
Hiti J: 5056
Hitz H: 3871, 3887
Hiwada K: 6669–6670
Hiwatashi K: 6317
Hjelmstedt A: 749
Hjelte MB: 5215
Hladovec J: 3888
Hlavica P: 3889
Hnatowich DJ: 3890
Hnízdová O: 256
Ho PP: 3891–3893
Ho TS: 1137
Ho W: 1831
Ho YK: 1193
Hoak JC: 528, 531, 3039, 3894–3895, 10081
Hoareau A: 10272
Hobel CJ: 8528
Hobika GH: 5903
Hobson B: 3207
Hobson RW: 3128
Hochart G: 2760
Hochgesand K: 3896
Hochheim B: 2454
Hochrein H: 628
Hochstrasser K: 2387, 2830, 3896–3900, 4555
Hockaday TD: 3963
Höcker P: 3901–3902, 4704, 7201
Hockley AD: 4051
Hockley J: 1100, 3243
Hodara M: 3903–3904, 3904–3905
Hodes BL: 3906
Hodge SJ: 4018
Hodges CV: 9740
Hodges GR: 2600
Hodges LK: 2149
Hodgson RA: 5152
Hodkinson JH: 8278
Hodler J: 3907
Hodžić S: 5977
Hoeden R: 3908
Hoeldtke R: 3909
Hoenders HJ: 8490
Hoenich NA: 4645
Hofecker G: 5328
Höfer R: 7879–7880, 7880
Hoffee P: 3910, 4288
Hoffenberg R: 10214–10215
Hoffman AS: 3911, 9560, 9841
Hoffman PM: 3912
Hoffmann H: 8222
Hoffmann J: 3698, 5906, 6719, 6923
Hoffmann JJ: 3913
Hoffmann KA: 7655
Hoffmann KD: 5493
Hoffrichter A: 10270
Höfliger C: 3914
Hofmann A: 4740
Hofmann E: 3445
Hofmann KD: 1113–1114, 9304
Hofmann P: 1094, 3915
Hofmann T: 1857, 3428, 3637, 3916, 4024–4025, 5087, 7477, 9781–9782
Hofmann V: 8323
Hofmann W: 3917
Hofsteenge J: 9503
Hofstetter A: 3918, 5954, 8090
Högberg-Raibaud A: 3919
Hogg N: 2485
Höglund C: 421
Hohenberg G: 1876
Hohl M: 3452
Hohlweck P: 3760
Hohm RA: 3920
Hohn B: 7002–7003
Hoiberg R: 9135
Hoiby N: 3921
Hojima Y: 3922–3924, 5998
Hokanson DE: 531
Hokanson E: 9205
Holasek A: 8214
Holbein BE: 3925
Holcenberg JS: 3926
Holcroft JW: 3927
Holdeman LV: 3378
Holden RD: 1749
Holder AA: 1148
Holder WR: 1922
Holderbaum D: 2377
Holdsworth CD: 7863
Holford CP: 3928
Holford NH: 3929
Holgado Silva C: 2036–2037
Holgersen LO: 3930
Holiman BJ: 7323
Hollán R: 3681
Hollán SR: 3931
Holland DT: 3403–3404
Holland GW: 292
Holland L: 3315
Holland P: 3377
Hollande E: 1517
Hollander D: 3932–3933
Holländer R: 3934
Hollander W: 3935
Hollard D: 9301
Hollaway MR: 8522
Holle J: 1128, 7030
Hollenberg RD: 4506
Hollender LF: 3936
Holley PW: 10204
Hollingsworth JW: 3937
Hollmén A: 6734
Holm HH: 4325
Holm SE: 1609–1610
Holm T: 6332, 9996
Holmberg L: 354, 3938–3939, 5851
Holmblad J: 5604
Holme R: 7654
Holme S: 3940
Holmer E: 213, 1710
Holmes GR: 3941
Holmes IB: 3942
Holmes KK: 6122
Holmes KV: 8897
Holmes RG: 8889
Holmin T: 3943
Holmquist B: 3944
Holmsen H: 1084, 1989, 2855, 3940, 3945–3949, 8888
Holoye PY: 7709
Holst A: 5441
Holsteen V: 3950
Holstein P: 6564
Holswade GR: 7526–7527
Höltje WJ: 1300–1301
Holtz U: 3951
Holtzer H: 2141
Holyst J: 3952
Holz U: 3953
Holzer H: 55, 1286, 3612, 3954, 4434, 6729
Holzer I: 10258
Holzgreve H: 9890
Holzgreve W: 3955
Holzman RS: 3956
Holzman T: 7856
Holzmann K: 9890
Holzner JH: 3957, 8225
Homann B: 4642
Homberg JC: 3284
Homma JY: 3958, 6818
Honda E: 3958, 10121
Honda H: 4177
Honecker H: 3959
Höner M: 3960
Honeyman TW: 3282
Hong J: 10127
Hong JS: 6924
Hong R: 3983, 5591
Hong SL: 3961–3962
Honig GR: 5129
Honour AJ: 3963
Hoofnagle J: 8267
Hoogmartens M: 3964
Höök M: 3965, 3967, 4762, 5472, 6831, 6842, 7626
Hookway BW: 5737
Hooper KC: 3403, 9925
Hoopes JE: 4017, 5609
Hope RR: 6790
Hopfinger AJ: 4065
Hopgood MF: 3966
Hopkins RP: 3315
Höpner F: 5476
Hoppenrath H: 8156
Hoppler R: 2791
Hopsu-Havu VK: 2754
Hopwood J: 3967
Hopwood JJ: 285
Hora J: 2806
Horbett TA: 9560, 9841

Hörder MH: 3968
Horeau J: 5421
Horecker BL: 2410
Hořejší J: 3969
Horellou H: 2726
Hori M: 4214
Hori S: 2862, 6667
Hori SH: 3970
Hori Y: 9064–9065
Horibe K: 102
Horie N: 3971, 10111
Horie R: 3972
Horiuchi S: 1508
Hörmann H: 3973, 4337–4338, 8789–8790
Horn H: 9765
Horn LR: 5703
Horn MJ: 1715
Hornblower M: 6105
Hornbostel H: 3974
Horne CH: 2750, 9206
Horne JG: 3975
Horne RW: 9921
Horner AA: 1586, 3976–3977
Hornnes P: 3978
Horns DJ: 3979
Hornstra G: 2011, 3980–3981
Horodeńscy A: 3982
Horodeńscy J: 3982
Horowitz J: 1883–1884
Horowitz SD: 3983
Horsmanheimo M: 3912
Horst A: 3984
Horst W: 3160
Hort JF: 3354
Horton EW: 3985
Horton HR: 3986
Horton RE: 3987
Horton WA: 3988
Horvat J: 1039
Horwitz AL: 3989
Horwitz J: 3990
Horwitz S: 2824
Hory HD: 3991
Hory /D: 3992
Hosaka Y: 4826
Hoshina K: 3993
Hoshino M: 3994
Hoshiyama M: 7919–7920, 7920–7922
Hoskins JC: 3995
Hosoda Y: 4162
Hossmann KA: 3996–3997
Hossmann V: 3996–3997
Hotta T: 3998
Hottenrott C: 6836
Hotz J: 3198–3199, 3999
Hou S: 8775
Hou-Jensen K: 8729
Houba V: 1956
Houbouyan L: 3200, 4000
Houchens DP: 4362
Houchin D: 9109
Houck JC: 4001
Houcke M: 5422, 6041
Houel F: 4002, 6093–6094
Hough DW: 4003
Hougie C: 4004
Houmard J: 4005
Houot O: 3783
Hourregue H: 963
Houser RM: 4006, 4393
Housset E: 2633, 2635–2636, 4007, 9548
Houvenaghel A: 7083
Hovelius B: 7647
Hovingh P: 5486
Howard AN: 4008
Howard BD: 4009
Howard BV: 4010, 5660
Howard CW: 4011
Howard D: 3210
Howard G: 4012
Howard J: 6106
Howard JE: 4013
Howard JM: 9025
Howard JP: 7826
Howard PJ: 4014
Howard WJ: 4010
Howard-Flanders P: 1444, 5468
Howarth D: 5725
Howarth DJ: 6048
Howcroft AJ: 4015
Howe JP: 1905
Howell D: 7983
Howell DS: 7984–7985
Howell RM: 1994–1995, 4016
Howell SL: 9137
Howes RM: 4017
Howie A: 7104–7105
Howie PW: 2337
Howitt G: 13
Howland WS: 2743
Howsden SM: 4018
Hoy ES: 5301
Hoyer LW: 87, 4766, 7611–7612, 9873
Hoyt WF: 8300
Hrastović Z: 8597
Hren M: 217
Hrkal Z: 4964
Hrodek O: 4019
Hrubišková K: 4020–4021
Hruby MA: 4022, 5129
Hruska KA: 204
Hrycek A: 4920
Hryszko S: 951, 4023
Hsia SL: 720
Hsu B: 2979
Hsu IN: 4024–4025, 4265
Hsu L: 9346
Huang AT: 5223
Huang CR: 1762
Huang CT: 1527
Huang JS: 4026
Huang SN: 4027
Huang TF: 6926
Huang TI: 8089
Huang YM: 1789
Hubatka G: 6120
Hubbard CD: 4028
Hubbard WJ: 9337
Hubens A: 4029
Huber FB: 4030
Huber R: 940–942, 2573, 3822, 4031
Huber W: 4032
Hubert IL: 4033
Hubert-Habart M: 5403
Hubler WR: 1922
Hubrechts JM: 1668
Hubschmann O: 4034
Huchon G: 110
Hückel C: 8515
Huckman MS: 7466
Hucko JT: 2220
Hudecová M: 7522
Hüdepohl JM: 4035
Hudson AR: 4036
Hudson BG: 2792
Hudson P: 9743
Hudson PM: 891
Hue L: 9500
Huennekens FM: 2843
Huestis DW: 4037–4038
Huff K: 5500
Hufnagel CA: 4039
Hufnagel HV: 1253
Huget J: 8321
Huget R: 4040
Huggins C: 4041
Huggins CE: 5381–5382
Hugh TB: 837
Hughes CE 3d: 4042
Hughes EC: 4043
Hughes H: 1881
Hughes LB: 10263
Hughes LE: 3728
Hughes WT: 4044
Hughes-Jones NC: 2773
Huguet C: 1732, 6326
Huguet JF: 6093
Huguet J-F: 746
Huguley CM Jr: 8594
Huhmann W: 1907
Huhn RD: 9023
Huisman WH: 632
Huismans H: 4045
Hull AR: 4632
Hull R: 2936, 4046
Hull RN: 4067
Hulme MJ: 6845
Hülsmann WC: 4277
Hultén L: 2557
Hultin MB: 4047
Humbel RE: 595
Humbert G: 5572
Humbert JR: 3691
Hume DM: 5295
Hume M: 4048–4050
Hümmer N: 8336
Humphrey RL: 10080
Humphreys DR: 8241
Humphreys DW: 9112
Humphreys RP: 4051
Humphreys WV: 4052–4053
Humphrys J: 8388
Huncke B: 5739
Hundeiker M: 4054
Hünerberg V: 4055
Hünermann B: 834
Hunkapiller MW: 4056
Hunt DR: 4057
Hunt FA: 4058–4059
Hunt J: 9195
Hunt LM: 710
Hunt SM: 5490
Hunt T: 5474
Hunter DH: 992
Hunter G: 4060
Hunter JA: 8807
Hunter MJ: 7095
Huntsman RG: 8007
Huntzinger SW: 8361
Huprikar SV: 10240
Hürbe E: 4654
Hureau J: 4061
Hurlbut JA: 4062
Hurlet A: 6319
Hurley DL: 1400
Hurley JV: 1897
Hurley MJ: 4063
Hurst PE: 6584
Hurvitz AI: 2118, 5691–5692
Hurwitz A: 4064
Hurwitz FI: 4065
Hurwitz G: 3580
Husada T: 6437
Husain MM: 4672
Husain SS: 4066
Husberg B: 2857
Huseby RA: 1331
Huseby RM: 4067
Huskisson EC: 4068
Hussain S: 4069
Hussar DA: 4070
Hussey CV: 9783–9784, 9784–9786
Husslein H: 4071
Husson JM: 349, 2633
Husted S: 2702, 4072–4073
Huszno B: 6391
Hutcheon AW: 9207
Hutchins GM: 1273, 3401
Hutchins PM: 4074
Hutchinson RM: 4075
Huth E: 271
Huth F: 4076
Huth JH: 4077–4078
Huth K: 4976
Hutson D: 7107, 9618
Hutson DG: 4079, 6866
Hutter O: 4080
Hütteroth TH: 4081
Hüttner I: 4313
Hutto W: 5257
Hutton I: 9745
Hutton JJ: 3377
Hutton RA: 1387
Huttunen H: 4082
Huttunen JK: 4732, 6651–6653
Huttunen K: 4082
Huttunen R: 4456–4457
Huxsoll DL: 4603
Huyke R: 9661
Huzoor-Akbar: 4083–4084
Hwang DL: 4085
Hwang KM: 1789
Hwang NH: 4634
Hwang S: 5603
Hwang WS: 9071
Hyam E: 5858
Hyde E: 3509, 5495

Hyde JE: 9953
Hyderally H: 4086
Hyman BT: 9736
Hyman RA: 4087
Hynd JW: 7344
Hynes RO: 131
Hynie S: 4088
Hynieova H: 4088
Hyniová H: 4019
Hysell JK: 4089–4090
Hysell JW: 4089–4090
Hyttel J: 4091
Hyyppä MT: 4092

I

Iablokov EG: 4093, 8012–8015
Iacobucci GA: 2447
Iacono JM: 8166
Iagina VS: 9360
Iagodin VM: 8349
Iakh'iaev VD: 3028
Iakhontova OI: 4094
Iakimova LN: 4939
Iakovenko AN: 3157
Iakovlev AA: 1283
Iakovlev VA: 4095, 5802
Iakovlev VP: 4096
Iakovleva EB: 9465
Iakovleva MB: 5541
Iakovleva NI: 4097
Iakubchik FM: 6997
Iakunin GA: 4098, 6885
Ianev AB: 4099
Ianev P: 4100
Iankovskaia MO: 8950–8951
Iannaccone G: 1326
Iarmolinskii IS: 4101
Iarmonenko SS: 10195
Iarochkin VS: 4102
Iarovaia GA: 1947
Iasakova OI: 4103
Ias'ko AA: 4202
Iatridis PG: 4104–4105, 10155
Iatridis SG: 4104–4105
Iatrou K: 1965, 3015, 4106
Iatsenko OK: 10252
Iazovoĭ FP: 4107
Ibadov KhI: 4454
Ibañez IB: 4108
Ibarra-Isunza GC: 8373
Ibarra-Perez C: 4109
Ibbotson RM: 1748
Ibbott JW: 1677
Iborra F: 8321
Ibragimov RM: 844, 2551
Ibrahim SZ: 8256
Ibrahimbegović F: 7591
Ibuki F: 4110, 10103
Ichikawa A: 4111
Ichio II: 4112
Ichiya Y: 6905
Ide G: 6516
Idriss F: 6607
Iellin A: 8763
Ieshkin AA: 4113
Ievleva BG: 6197
Ievleva EV: 6373
Ievleva VG: 6158
Iffland E: 556
Igarashi K: 4114–4116, 5067
Igarashi M: 4117, 6671
Iglesias A: 5915
Iglesias J: 4118
Iglesias Diez L: 7964
Ignarro LJ: 4119
Ignesti G: 1266
Ignyś I: 3246
Ihász M: 4120
Ihm JH: 422
Ihse I: 4121, 8572
Iida A: 6815
Iida H: 6515
Iijima H: 4122
Iinuma F: 4735
Iio A: 4123
Iizuka H: 9443
Ikebukuro E: 6692
Ikeda H: 3018
Ikeda J: 103
Ikeda S: 7806
Ikeda Y: 4124–4126
Ikede BO: 2512
Ikenaka T: 6760–6761
Ikezaki M: 4127
Ikonnikov AI: 2907
Ikonnikova EI: 4665
Ilangovan S: 5022
Il'chenko PIa: 10233
Il'enko EP: 4128
Ilgen CL: 511
Il'icheva RF: 9434
Iliescu H: 766
Il'in AA: 4129
Il'in VN: 8012, 8413
Il'ina TB: 2495
Il'inskiĭ IM: 9673
Iliushina IP: 6114
Illig L: 4130–4132
Imaizumi H: 8439
Imaizumi M: 6508
Imamoto T: 6508
Imamura H: 5953
Imamura S: 9057
Imanaga H: 4133, 10114
Imanari T: 4134
Imanishi H: 4127
Imanishi Y: 9078
Imaoka S: 4135
Imbasciati E: 7313
Imbembo AL: 6861
Imbert M: 1217
Imhof PR: 7730
Imhoff E: 1142
Imir T: 7915
Imler M: 4136
Immerzeel J: 9958
Imoto T: 4137
Imre S: 4138
Imrie A: 3164
Imrie AH: 4139
Imrie CW: 6448
Imshenetskiĭ AA: 4140
Imura T: 9395
Inaba M: 4141
Inada Y: 3670, 4142, 10124
Inagaki J: 4143
Inamoto K: 6519
Inazumi E: 4707
Inbar M: 5371
Inboriboon A: 5863, 6668
Inboriboon P: 5863, 6668
Inceman S: 7087
Incze JS: 7545
Indirani N: 4144
Indo K: 4145
Indolfi P: 2156, 2503, 2506
Infortuna M: 513
Ing TS: 5380
Ingbar SH: 5162
Ingberman IaKh: 4146
Ingelfinger JR: 134
Ingerman C: 8614
Ingerman CM: 1522, 8615–8616, 8616
Ingle JN: 4147
Ingram DW: 2550
Ingram GI: 3315, 4148–4151, 4355
Ingram TG: 5743
Innerarity TL: 5764
Innerfield I: 8739
Innocenti G: 4152
Inoki R: 4153
Inomata A: 8439
Inoshita K: 4135
Inoue M: 4154, 6674, 9040, 10039
Inoue N: 9032
Inoue Y: 6490
Inouye G: 10106–10107
Inouye K: 2854
Insull W Jr: 2073
Intrator L: 8936
Inui H: 4163
Ionescu MI: 4155
Iordăcheanu L: 7319
Iordan AG: 4156
Iovkova T: 357
Ipp T: 4998
Iravani J: 4157
Irey NS: 6433
Irokawa N: 8296
Irons GB: 10061
Irsigler K: 2663
Irving CC: 4158
Irving MH: 1168, 1339, 3406
Irwin JF: 4159
Irwin LE: 8833
Isaacs JT: 1099
Isaacs ST: 4160
Isaakian SA: 342
Isacson S: 3733–3734
Isaev MR: 9434
Isaeva AA: 7734
Isakovich VS: 4790
Isawa T: 9091
Isdale J: 4657
Ishaq KS: 1426
Ishaque M: 4560
Ishay J: 4410
Ishiguro J: 4480
Ishiguro S: 4161
Ishii K: 6061
Ishii M: 9010
Ishii N: 6225
Ishii S: 9818–9820, 10152–10154
Ishii T: 4162, 6507
Ishikawa M: 2857
Ishikawa T: 4163
Ishikawa TT: 4164
Ishimitsu S: 4484
Ishiyama H: 5978
Ishizaki N: 4115
Ishizuka K: 4210
Iskierko J: 4165
Islam MS: 4166–4167, 9406
Isler O: 4168
Ismail AA: 2701
Isobe E: 8453–8454
Isobe M: 3922, 8919
Isobe T: 4169
Isom OW: 4170
Isono Y: 6494
Ispolatovskaia MV: 2367, 4171
Israels LG: 8036
Issacs G: 9157
Istranov LP: 4172–4173
István E: 3525
István S: 4174
Isupova MP: 4938
Itano M: 6502
Ito A: 4175–4176, 4176, 8002
Ito J: 4177
Ito K: 4178–4180
Ito M: 4181, 6005, 6506, 6692, 9819
Ito N: 8000
Ito S: 4182, 6116
Ito T: 4183, 9107
Ito Y: 8921–8922
Ito Z: 4184
Itoh K: 9818
Itoh M: 7919
Itoh T: 3033
Ittyerah R: 4185
Itzchak Y: 4186–4187
Itzhaki S: 8809–8810
Iuchi Y: 2873
Iudina LV: 1558
Iufit SE: 4098
Iulikova EP: 8801–8802
Iumashev GS: 4188
Iumashkina AG: 680
Iunovidova LI: 4189
Iunusova MI: 196
Iur'eva GIu: 4190, 5047, 8659
Iurkov VA: 232
Iurlov VM: 4191–4192, 4192–4193
Iushkov SF: 4194
Iván P: 4195
Ivanov AA: 4196
Ivanov AE: 6955
Ivanov GK: 4197
Ivanov KP: 343
Ivanov LL: 4198
Ivanov VP: 2310
Ivanov VV: 4199–4200, 4200
Ivanova AV: 3422, 4103
Ivanova GS: 4201

Ivanova NA: 4202
Ivanova NV: 6067
Ivanova VS: 1321
Ivarsson L: 4203
Ivashkevich GA: 4204
Ivashkov VI: 2568
Ivchenko VN: 8798
Ivdra PP: 4205
Iverius PH: 4206
Iverson WG: 4207
Ivey MH: 3866
Ivins B: 7888
Ivleva VI: 3227
Ivleva AIa: 4208–4209
Ivrlač R: 1107
Iwai H: 6230
Iwai K: 3708, 4562
Iwai S: 2873
Iwaki A: 6492
Iwama T: 4210
Iwanaga S: 4211–4212, 4558, 5982, 6510–6511, 6513, 6802
Iwańska J: 4213
Iwarson S: 310
Iwasa S: 4214
Iwasaki I: 6516
Iwasaki K: 8920
Iwasaki M: 6234
Iwata Y: 3018
Iyer R: 5634
Izatt E: 4215
Izatt S: 6878
Izawa M: 5828
Izbicki RM: 455
Izeki H: 4580
Izotova LS: 8800
Izuchi Y: 10104

J

Jablonská M: 4216
Jablońska-Kaszewska I: 4217
Jacey MJ: 4218
Jack Yang NY: 4219
Jackson B: 8340
Jackson C: 3539, 4220
Jackson CM: 4221, 8969
Jackson CW: 4222–4224, 4223–4224, 6769
Jackson DC: 9204
Jackson G: 8889
Jackson P: 4225
Jackson PR: 4226
Jackson RL: 4227–4228
Jackson TA: 4229
Jacob E: 3560
Jacob F: 5253
Jacob HS: 1813
Jacob J: 4230
Jacobi E: 2370, 4231
Jacobi GH: 3503
Jacobi H: 958
Jacobovitz-Derks D: 2085
Jacobs AH: 4232–4233
Jacobs DS: 4234
Jacobs EM: 8833
Jacobs G: 4076, 6631
Jacobs GB: 4540
Jacobs M: 3111, 9980
Jacobs P: 3729, 4235
Jacobs RR: 4236
Jacobs S: 4237
Jacobs SA: 8835
Jacobsen H: 4238
Jacobsen N: 2438, 4239
Jacobsen S: 6658
Jacobson BE: 819
Jacobson ED: 2969
Jacobson GR: 4240–4241
Jacobson M: 4656
Jacobson MS: 4242
Jacobson NL: 4633
Jacobson RJ: 2622
Jacobson S: 3448
Jacobsson B: 3742
Jacobsson I: 5472
Jacobsson S: 15
Jacotot B: 3127
Jacovella G: 4243
Jacques C: 4244
Jacques PJ: 4245
Jacquet Y: 4246
Jado AI: 5589
Jaeger V: 5600
Jaeger W: 4247
Jaeken J: 2362
Jaenicke L: 4248
Jaenicke R: 7832
Jafari E: 4249
Jaffe BM: 4250
Jaffe EA: 4251, 6295, 6479–6480, 8106
Jaffe RC: 4252
Jaffer AM: 4253
Jaglicic D: 846
Jähnchen E: 1194, 4254–4255, 5949, 8142
Jaieson GA: 972
Jaillard J: 2013, 4256
Jain AK: 4257
Jain NC: 4409
Jain RC: 4258
Jain S: 4259
Jaisson F: 9457
Jaiswal DM: 4260
Jakab T: 2885–2886
Jakábová M: 4544, 7169
Jakes R: 4261
Jakobs KH: 4262
Jakobsen E: 308
Jakschik BA: 4263
Jakubek H: 2475
Jakubowski D: 2391
Jalbert B: 1885
James EC: 434
James JM: 1733
James MN: 4025, 4264–4265
James OF: 4266
James PM: 10007
James RE: 8422
James TN: 4267
Jameson B: 8613
Jamieson GA: 6826–6827, 8609
Jamieson GG: 4397
Jamieson JD: 4951
Jamieson S: 6746–6747
Jamin C: 4268
Jan F: 618, 620
Jan K: 1572
Jan KM: 4269
Janata J: 7966
Jancar S: 4270
Jancsó T: 5782
Janda R: 4271
Jander R: 5928
Janěček J: 7867
Janes AW: 4272, 6212
Janes JM: 7917
Janfaza P: 10277
Janik BA: 4273
Janjić I: 4274
Janković BD: 1039
Janoff A: 924, 4275–4276
Janowski K: 8039
Jansen AA: 9519
Jansen AP: 399, 3913
Jansen H: 4277
Janshalt AL: 1423
Janssens M: 6559
Jantet G: 4278
Janukowicz-Lorenz H: 4495
Januszewski J: 7000
Janvier G: 7429
Janvrin SB: 1304
Jany KD: 4279
Jaques LB: 4280–4282, 8909–8910, 10047
Jaques PF: 4283, 7608
Jarczewski J: 4213
Jardin F: 4284–4286
Jardon L: 4287
Jargiello P: 3910, 4288
Jarlot D: 4289
Jarret PE: 4290
Jarrett PE: 1202, 1204, 4291–4292
Jarrett WH 2d: 4293
Järvinen M: 4294
Jarvis D: 1727
Jasani B: 4295
Jasani MK: 411
Jaschevatzky O: 3044
Jasiński K: 4296
Jaśkiewicz A: 8740
Jaśkiewicz K: 4217
Jasper WS Sr: 4297
Jaster HJ: 8073
Jastrzębski S: 4298
Jaszczak P: 6085
Jaszczyk JR: 4299
Jaton JC: 9474
Jatzko G: 3558
Jauffret P: 2137
Jaumain P: 6319
Jaumin P: 2699, 4300
Jaurand MC: 842
Jausseran JM: 1806–1807
Javid M: 5971
Javier G: 4301, 6899, 9379
Jaworski Z: 3599
Jay SJ: 986
Jayaram HN: 1753
Jayle MF: 2127, 2468
Jean DH: 4302
Jean N: 7032–7034
Jean R: 5362
Jean YC: 4303
Jeanblanc B: 2404
Jeanneau C: 4304, 5405
Jeanpierre R: 6537
Jeanty L: 138, 4305
Jedrzejczak WW: 4306
Jędrzejczyk W: 4307
Jedynak J: 2317
Jeffcoate SL: 3403–3404, 9925
Jefferis R: 4308
Jeffery PJ: 4309
Jeffery WH: 4310
Jeffery WR: 4311
Jeffrey JJ: 8866
Jekić D: 4312
Jekić M: 4312
Jelen S: 9666, 9889
Jelinski LW: 9917
Jeljaszewicz J: 10202
Jellinek H: 4313
Jemmi G: 1006
Jendritzky G: 4314
Jeng IM: 10156
Jenkins AM: 4315
Jenkins CS: 1654, 4316–4317, 7162
Jenkins DE Jr: 4318
Jenkins DH: 4015
Jenkins JA: 8908
Jenkins MT: 3107
Jenkins P: 9280
Jenkins RE: 4319
Jenkins RS: 4320
Jenks RL: 4808
Jennett B: 4321
Jennette JC: 1909
Jennings JJ: 4322
Jennings RB: 2978
Jensen AH: 4323, 10147
Jensen C: 22
Jensen F: 4324–4325, 4997
Jensen GE: 4326
Jensen MK: 2320
Jensen PS: 4327
Jensen R: 4328
Jenšterle J: 4329
Jentzsch K: 10041
Jeppsson JO: 9696
Jeremic M: 4330
Jering H: 7431–7432, 7432
Jermanovich NB: 1810
Jerry LM: 7010
Jerushalmy Z: 4331
Jesdinsky-Buscher C: 4332, 8954, 8960, 8965
Jesdinsky-Buscher CJ: 8961
Jesmok GJ: 5279
Jesse RL: 4333, 7185–7186
Jessing P: 3607
Jesty J: 4334
Jewett JF: 4335
Jezewska D: 2997
Ježková Z: 3969, 7154
Jick H: 305, 4336, 7333
Jilek F: 4337, 8791
Jilg W: 4338
Jilková H: 4339

Jimbo C: 7921
Jimbo M: 10114
Jiménez B R: 4340
Jimenez C: 398
Jiménez F E: 4340
Jimenez JF: 4341
Jimenez SA: 2980–2981, 5014
Jiménez González L: 1802
Jinbo C: 3696, 4342
Jindal SK: 3504
Jipp P: 1215
Jirillo E: 2872
Jirka J: 6622
Jirmanová I: 4343
Job D: 1674
Job JC: 9006
Jobin F: 4344–4346
Jobst K: 6496
Jockin H: 176
Jocobs AH: 4347
Joehl RJ: 4348
Joffe BI: 3244
Joffe GB: 8975
Johannesen S: 1162
Johansen AK: 4702
Johanson WG Jr.: 986
Johansson A: 4349
Johne M: 4667
Johns EW: 9746, 9748
Johnsèn SD: 6862
Johnsen V: 2467
Johnson AJ: 6610, 6865, 8635–8636
Johnson BE: 10232
Johnson BJ: 2557
Johnson CA: 2773, 4350
Johnson D: 4351
Johnson DA: 592, 4352–4354
Johnson DE: 7709
Johnson EA: 213, 4355–4357, 9182
Johnson ED: 3072
Johnson EF: 4358
Johnson FE: 7510
Johnson G Jr: 4283
Johnson GE: 3099
Johnson JD: 5661
Johnson JL: 4359
Johnson LA: 2973
Johnson LW: 4478
Johnson M: 202, 4360
Johnson MA: 4365
Johnson P: 4432, 7073
Johnson PM: 2558, 6447, 8814
Johnson PR Jr: 1755
Johnson RA: 6172
Johnson RJ: 4361
Johnson RK: 4362
Johnson RL: 4363, 7564
Johnson TC: 9851
Johnson WC: 4364
Johnson WD: 5160
Johnson WH: 6783
Johnsrude IS: 9204
Johnston BH: 4365
Johnston CI: 4366
Johnston DE: 4367
Johnston J: 8231
Johnston KW: 4368
Johnston LH: 4369
Johnston M: 3337
Johnston PG: 9501
Johnston RN: 4370
Johnston MFM: 4371
Johnstone DE: 8221
Johnstone EC: 435, 6934
Johnstone IB: 3041
Johnstone M: 8973
Johsen M: 4913
Joist JH: 1641, 4372–4375, 9158
Jókay I: 4376
Joki P: 4377
Jollès J: 4378–4379
Jollès P: 4378–4379
Jolley WB: 4380
Jolly DW: 4381–4382
Joly F: 4383
Jonadet M: 4384
Jonas DL: 4385
Jonas U: 3503
Jones BD: 3372
Jones BL: 5780
Jones BM: 268, 4386
Jones BN: 5326
Jones CE: 4387
Jones DR: 3873, 4388, 5190, 5712
Jones EL: 4505
Jones EW: 4389–4390
Jones JB: 4391–4392, 4392, 5684, 7528
Jones JP: 4393
Jones KW: 7881
Jones ME: 1544
Jones MN: 3381, 4394
Jones P: 138, 1700, 4395–4396
Jones PD: 5169
Jones PK: 7500
Jones R: 7242
Jones RH: 2301, 4397, 7881
Jones RT: 1159–1160, 1671
Jones RV: 4150
Jones SR: 1857, 4398
Jones TC: 4399
Jones TT: 6013
Jones WA: 9635
Jongsma AP: 1292, 4400
Jongsma HJ: 5975
Jönsson G: 212
Jonsson J: 4401–4405, 4403
Jönsson M: 157
Jontofsohn R: 3567
Joó F: 5008
Joö GB: 4702
Joppich M: 5615
Jordan MH: 1834
Jordon RE: 8187
Jorgensen AJ: 5778
Jorgensen J: 8792–8793
Jorgensen L: 8987
Jorgensen PL: 4404
Jorgensen PS: 8672
Jorgensen SJ: 3610
Jori D: 1801
Joris I: 816
Jörnvall H: 1889, 4405–4406, 8220
Jortay A: 4407
Joseph MH: 4408
Josephson AM: 138, 10292
Joshi BC: 4409
Joshua H: 3424, 4410, 8448
Josso F: 653, 2657, 4323, 4411
Jost RG: 5397
Joubert FJ: 4412–4414
Jounela A: 4415
Jouvenceaux A: 1630
Jover E: 624
Jovino R: 2604
Joyce J: 1160
Joyner CR: 910
Joyner WL: 10155
Jozefowicz M: 5126
József B: 658
Ju ST: 6935
Juan SM: 4416
Jubiz W: 9989
Jublin L: 2666
Juchelka L: 8184
Juchems R: 1601
Juchmès-Ferir A: 6383
Judit B: 242, 5222
Judkiewicz L: 371, 4417
Judkins MP: 2945
Judon C: 2127
Judson PA: 4418
Juel-Jensen B: 4419
Juffe A: 5915
Juhan I: 5349
Juhlin L: 4420–4421
Juif JG: 982
Juillet Y: 2636
Julia A: 4422
Juliano RL: 4423
Juliano RL: 4424
Julkunen RJ: 4425, 4609
Jullien GL: 4426
al-Jumaili IJ: 4427
Juncos L: 1360
Jung CJ: 1179
Jung EG: 4428–4429
Jung G: 4430
Jung MJ: 5499
Jung OS: 176–177
Jungblut R: 8157
Jungi TW: 4431
Junod AF: 6778
Jurado RA: 5509
Jurasek L: 4432
Jurkiewicz J: 4433
Jurkovič I: 6949
Jušić M: 4434–4435
Jusko WJ: 7752
Just H: 5464
Just M: 4436
Justice AW: 4437
Justice P: 330

K

Kaasch H: 4438
Kabakow B: 9753
Kabir S: 4439
Kably Ambe A: 2132
Kaboth W: 5592
Kabsch W: 2989
Kacem M: 6043, 7015
Kačmár P: 899
Kacprzak H: 3203
Kaczmarek M: 10036
Kaczorowski J: 8927–8928, 8928
Kaczurba M: 4440
Kadar A: 4441
Kádas I: 6496
Käding E: 10086
Kadis BM: 4382
Kadlic T: 3187
Kadmon D: 4442
Kadobe Y: 5953
Kadyrov UZ: 10210
Kadyrov RIu: 9464
Kaegi A: 1860
Kaelin AC: 4443
Kaev V: 6239
Kafka MS: 1797
Kaftori JK: 4444
Kagami M: 4445
Kaganowicz A: 766
Kagawa M: 4133, 6229
Kagawa Y: 4446
Kageler WV: 4447, 6242
Kägi JH: 9139
Kägi M: 1242
Kahan BD: 7446
Kahane I: 4448
Kahl C: 4449
Kahn A: 4450–4451, 5890
Kahn EM: 9934
Kahn JC: 4286
Kahn LB: 4235
Kahn RA: 4452
Kaidash AN: 4453–4454, 9247
Kaihotsu N: 4559
Kaijser L: 2371, 3726
Kaindl F: 4455
Kairaluoma MI: 4456–4457
Kaiser A: 3202
Kaiser B: 4799
Kaiser ET: 4659, 9073–9074
Kaiser W: 8116
Kaizu T: 5886
Kajiwara M: 3677
Kajiwara T: 2857
Kajtár J: 6577
Kajtár M: 6577
Kakizaki G: 9066
Kakizoe T: 6007
Kakkar VV: 1992, 4458–4465, 5180–5184, 7464–7465, 8253–8254, 8734, 9181–9182
Kalandarova MP: 3410
Kaldis LG: 2969
Kalendovsky Z: 4466
Káli A: 656
Kalinin NN: 506
Kalinina VS: 2059
Kalins' ka LM: 4467
Kalishevskaia TM: 4468–4469, 4879
Kalisiak E: 8315
Kaliuta BA: 506
Kallechey GL: 7467
Kallenberger A: 4470

Kallichurum S: 4471
Kallor AD: 3722
Kal'nov SL: 451–452
Kalný J: 4472
Kalofoutis AT: 4426
Kalogjera V: 6028–6029, 8147
Kaloshina GA: 7849
Kaltman SI: 4473
Kalugin IuV: 7416
Kalus WH: 4474
Kalužna J: 4417
Kamaev MF: 4475
Kamata K: 4141
Kamata Y: 9010
Kambayashi J: 8353
Kameneva MV: 3414
Kameno Y: 4476
Kameyama M: 4477
Kamihara T: 10123
Kaminjolo JS: 4478
Kamińska D: 4298
Kaminskaia GO: 956, 4479
Kaminski J: 6248
Kaminskii IA: 1027
Kaminsky LS: 2555–2556
Kamiya T: 4480
Kamm JJ: 5053
Kamm R: 4481
Kammerer J: 5438
Kammlott GW: 8026
Kamoun A: 2745
Kampmann H: 9853
Kampschmidt RF: 6100
Kan BS: 10233
Kanadys B: 4165
Kanai H: 9034
Kanamori M: 4110, 4482
Kanaoka Y: 4483, 9085
Kanarek L: 9581
Kanaya H: 8003
Kanazawa H: 4484–4485
Kancelarczyk W: 7870
Kandelaki NV: 2841
Kandji T: 2175
Kaneda H: 2873
Kaneda N: 4486–4488, 4487–4488
Kaneko H: 4111
Kaneko M: 4489, 4825–4826
Kanfer A: 297, 4490
Kang AH: 612, 1563–1564, 2181, 7341–7342, 7345, 8338
Kang EP: 4491–4492
Kangalingam K: 4001
Kangarloo H: 4493
Kania J: 4494
Kaniak J: 4495–4496, 4496–4497
Kän;ig W: 8323
Kanigowski K: 7834
Kaniuk II: 1925
Kannangara PN: 4498
Kannel WB: 2976
Kanno T: 3618, 4446
Kano K: 2839
Kan'shina NF: 4499
Kanski A: 2997
Kanta S: 8535
Kanter SA: 4500
Kao KN: 3661
Kapaun W: 4501
Kapeller M: 701
Kapil RS: 264
Kapitulnik J: 4502
Kaplan AP: 1642, 4503, 5510, 5837–5838, 6064, 8765
Kaplan BS: 4504
Kaplan EN: 7071
Kaplan ES: 7698
Kaplan GW: 4769
Kaplan HS: 8193
Kaplan I: 687
Kaplan JA: 1689, 4505
Kaplan KL: 6713
Kaplan P: 4506
Kaplan R: 4507
Kaplow R: 8514
Kapmeyer W: 4508
Kapnilov S: 233
Kapp J: 4509
Kappey F: 4510
Kaps HP: 8206
Kar D: 3277
Kar NC: 4511
Karabasova MA: 224, 7958
Karabin R: 3601
Karadsheh NS: 4512
Karadžić A: 4513
Karaidashov EA: 4514
Karakhan VB: 4523
Karal-Ogly RD: 4515
Karalius RV: 5951
Karam KS: 4516
Karanicolas S: 6878
Karasaki Y: 6814, 8004
Karasawa T: 5990
Karasek V: 4945
Karastanev I: 4517
Karatzas G: 6996
Karavaeva NN: 4518
Karchevskaia VV: 1078
Karczag E: 4376
Kardish R: 2620
Kardos JL: 1640
Kargaeva VG: 8560
Karimi M: 4745
Karino T: 4519
Kariya T: 3429
Karjalainen P: 4082
Kark RA: 907
Kärkölä P: 4456, 6734
Karl H: 4520
Karle H: 4521, 7023
Karlin CA: 4522
Karlov VA: 4523
Karlova NG: 5428
Karlsson CG: 6967
Karlsson K: 5214
Karlsson L: 420
Karnik SS: 811
Karnovsky MJ: 1036, 1665
Karnowsky MJ: 1666
Károly L: 658
Karov VV: 4911
Karp S: 1063
Karpatkin M: 2808, 4524
Karpatkin S: 190, 2774, 2808, 4524–4526, 10297
Karpenko GF: 4527–4528, 4528
Karpinski E: 569, 8035
Karpitskii VV: 7394–7396
Karplus M: 5663
Karptkin S: 9863
Karpushin VP: 4529
Karran P: 4530
Karrer FW: 9734
Karsten U: 4531
Kartalis G: 4532
Kartasheva VI: 4533
Kartashevakiĭ NG: 4534
Kartchner MM: 4535
Karumo I: 4536
Karuzina II: 287
Karvitz H: 1717
Kary CD: 4537
Káš S: 4538
Kasaba Y: 9085
Kasafirek E: 4539
Kasagi M: 2864
Kasahara T: 2859
Kasai H: 7908
Kasai S: 4540
Kasatkina ID: 283, 4140, 9432
Kasavina BS: 4541
Kasche V: 2903, 4542
Kasdon DL: 4543
Kasé Y: 9396
Käser-Glanzmann R: 4544
Kashiba S: 6231
Kashin MB: 916
Kashiwagi H: 6491
Kashiwagi N: 2857
Kashkin AP: 4545, 9676
Kashyap ML: 4546
Kashyap SK: 4547
Kasinsky HE: 974–975
Kaška M: 4548
Kasoff S: 4034
Kasonde JM: 3832
Kaspar M: 9329
Kasper CK: 4549, 5580
Kass EH: 4550, 10275
Kass MA: 6018
Kassab HJ: 5398
Kassab R: 2004
Kassanis B: 3316
Kassel RL: 4551
Kassem A: 2514
Kassenaar AA: 2121
Kassner EG: 4552
Kassum D: 4553
Kasten FH: 4554
Kastenbauer E: 3896
Kastenbauer ER: 4555
Kastrikina FT: 4527
Kastrikina TF: 4528
Katada K: 4446
Katalin B: 5222
Katayama T: 4556
Katayama Y: 4841
Katcoff DJ: 7638
Kather H: 4557
Kato F: 10110
Kato H: 4558, 4860–4861, 4887, 5982, 6802
Kato I: 4559
Kato J: 6904
Kato K: 4556, 6502
Kato L: 4560
Kato M: 2847
Kato N: 4561
Kato R: 6801, 8920
Kato T: 6231, 8000, 9412
Kato Y: 4562
Katori M: 6802
Kats IM: 5364
Katsadze MA: 5081
Katsu M: 4563
Kattus AA: 6410
Kattwinkel J: 9128
Katunuma N: 4564–4565, 9296
Katz AI: 8689
Katz JD: 4566
Katz M: 9303
Katz MC: 9153
Katz R: 6470
Katz RL: 3330
Katz RS: 4567
Katzman HE: 9510
Katznelson A: 9683
Kaude JV: 4568
Kauffman JW: 8895
Kauffman SL: 9861
Kaufhold H: 3757, 4569
Kaufman IA: 4570
Kaufman JH: 1473
Kaufman JM: 4571
Kaufman NM: 4570
Kaufman S: 3909
Kaufman SL: 4001, 4572
Kaufmann E: 4573
Kaufmann W: 3974
Kaulen HD: 1004, 4574, 7583
Kaulla KN von: 4575
Kaunzner W: 3531
Kauppinen HL: 4611
Kaur SP: 193
Kaushab SK: 77
Kaushal DC: 4576
Kaushal SP: 4577, 5720
Kávai M: 2615
Kavanagh LW: 4281
Kaverina KG: 4578
Kaverina ZA: 9676
Kavianian GR: 4062
Kavner D: 5288–5289
Kawabe L: 7408
Kawachi T: 6007
Kawada K: 10151
Kawaguchi N: 4579
Kawaharajo K: 6818
Kawai C: 2850
Kawai T: 9026
Kawakubo H: 9014
Kawamura H: 4580
Kawanami T: 103
Kawano N: 4581
Kawase T: 4582
Kawata T: 4583
Kawauchi H: 4584, 7909
Kawiak W: 4585

Kay HB: 4586
Kay HD: 4587
Kay HE: 8613
Kay LM: 4924
Kay WW: 1595, 4588–4589
Kaye JP: 1811
Kaye SE: 4590
Kazakov ES: 5820
Kazama M: 4591, 5952
Kazanchian PO: 7281
Kazanskaia NF: 92, 5617
Kazatchkine M: 4592–4594
Kazazian AV: 2
Kazda A: 4595
Kazda F: 4596
Kaziro Y: 6514
Kazmier FJ: 1739, 4597
Kaznacheev VP: 5063
Kazner E: 9887
Keane JT: 4598
Keane TJ: 4599
Kearney JJ: 3995
Kearns M: 7187
Keates JR: 8818
Keats B: 4745
Keaveny TV: 8355
Keda IuM: 6988
Kedinger M: 4600
Kędracka J: 3617
Keefer LK: 5454
Keely SL: 1767
Keeman JN: 4601
Keenan JP: 4602
Keenan KP: 4603
Keeton KS: 1345
Kefalides NA: 5660
Kehl M: 3889
Keighley MR: 4604
Keil B: 2448, 4605
Keil W: 4279
Keil-Dlouha V: 4605
Keilin SL: 4606–4607
Keiller DL: 4608
Keim PS: 2104
Keiser H: 5889, 7985
Keisevich LV: 8349
Kekki M: 4609
Kekomäki: 4610
Kekomäki R: 4611
Kelemen E: 4612, 5007
Kelemen J: 4613–4614
Kelényi G: 1291
Kellen JA: 2619
Keller BJ: 5900
Keller E: 2815
Keller HU: 4615
Keller J: 2206
Keller KH: 7759
Keller U: 8117
Kelley JS: 4616
Kellogg RM: 9491
Kells DI: 4768
Kelly AP Jr: 6152
Kelly G: 4617
Kelly JP: 364
Kelly JR: 4618
Kelly JV: 4619
Kelly P: 4620
Kelly PE: 7098–7100
Kelly R: 4621
Kelly TE: 4622
Kelman AD: 4993
Kelman JA: 3989
Kelser GA Jr: 6378
Kelstrup J: 1261
Kemp G: 7449
Kempen HJ: 4623
Kempen JM: 4624
Kempf F: 8215
Kempf I: 4625
Kempfle B: 4626
Kempgens U: 6033, 6425
Kempi V: 4627
Kempmann G: 4628
Kemshead JT: 4629
Kendall BE: 4630–4631
Kendall KE: 7085
Kende AS: 5306
Kendrick JW: 4229
Kendrick WC: 4632
Kendrick-Jones J: 4261
Kenealy MD: 4633
Kenessey A: 3328
Kennah HE: 4652
Kennedy AC: 10001
Kennedy EH: 7
Kennedy JH: 4634
Kennedy MS: 4014
Kennedy SI: 4635
Kennel SJ: 4636
Kenner T: 4637
Kennett R: 703
Kenney WC: 4638–4639
Kenny AJ: 1000–1001, 4640
Kenny M: 3337
Kents VV: 4641
Kenyon RH: 6370
Kerber C: 1835–1836
Kerekes M: 234
Keresztes-Nagy S: 6782
Kereszty M: 9450
Kerimov IuB: 29
Kern E: 4642
Kern IB: 4643
Kern R: 4644
Kernoff PB: 7666
Kerr DN: 4645, 9690
Kerr MA: 4646
Kerschen A: 8215
Kersey JH: 6557
Keršić V: 1022
Kerstein MD: 4647
Kerth JD: 5097
Keshwani NK: 1942
Keski-Oja J: 4648–4649
Kesler DF: 4650
Kessler C: 3752
Kessler E: 4651–4652, 6274, 6695
Kessler I: 1012
Kessler LR: 3068
Kessner A: 4653
Kester RW: 4622
Kestlerová M: 4832
Kesztele V: 4654
Kesztyüs L: 4138
Ketcham AS: 8912
Ketelsen UP: 8964
Ketrar' GI: 240
Kett K: 1291
Kettunen K: 4082
Keutmann HT: 4655
Kevy SV: 4242, 4656
Kew MC: 4657
Keyes JW Jr: 4718
Keyhani M: 4658
Keysser M: 2798, 2801
Kézdy FJ: 4659
Khabya BL: 1007
Khadri C: 4660
Khaĭdarova NV: 2366
Khaĭtlina SIu: 4661
Khaleeli AA: 4662
Khaleeli M: 2621, 4663–4664
Khalef S: 8599
Khalfen ESh: 4665
Khalifa AS: 4666
Khalil M: 4667
Khaliutina LV: 7953
Khaltaev NG: 4668–4669
Khan A: 4670–4671
Khan I: 9863
Khan MA: 4672–4674
Khan PK: 4675
khanaliev NM: 7889
Khanin AG: 3307–3308, 3413, 4676
Khanina TM: 4778
Khanna MS: 2264
Khanna VK: 5732
Khanumova TA: 7874
Kharchenko VZ: 4677
Kharlitskaia EV: 4678
Kharnas SSh: 1557
Khashu B: 6314
Khavkina LS: 4679
Khechinashvili NN: 10230
Kheĭfets RA: 4146
Kher A: 2008, 4680–4681, 7032, 7950
Khitri A: 4682
Khmara NF: 4683
Khmel'nitskaia TO: 6536
Khnychev SS: 10253
Khnykina VI: 4684
Khodan IV: 4685
Khokhlova YM: 6589
Kholodnyĭ AIa: 4686–4687, 7873
Khomenko LA: 1926, 4688, 9568
Khomenko NM: 4689
Khomenko VM: 6459
Khomutov RM: 4696
Khoo JC: 8779
Khorshid MA: 2701
Khovanova AM: 4103
Khramov VA: 4690
Khraptsova GI: 5541
Khristodulov T: 7443
Khristov Kh: 4691
Khrolova PV: 6998
Khrushchov NG: 6602
Khubutiia RD: 4692
Khudiakova MA: 4693
Khudoleĭ IF: 9003
Khunadorn N: 4694
Khurana MM: 6621
Khurgin IuI: 4695
Khurs EN: 4696
Khursin NE: 4697
Khvatov VB: 4698, 9224–9225
Khvatova EA: 4699
Kibler RF: 1598–1599
Kichemasov SKh: 9624
Kickler T: 4700
Kiczak J: 10090
Kidby DK: 3925
Kiehn D: 1192
Kiencke H: 3865
Kienlen J: 2262
Kienstra RA: 7688
Kieny MT: 2404
Kieny R: 2404, 4701
Kiernan JA: 5167
Kiersnowska B: 3323
Kiersnowska-Rogowska B: 950
Kierulf P: 3189, 4702
Kieser J: 4703
Kiesewetter E: 4704
Kiesow LA: 4705
Kietala O: 5489
Kiianov VI: 1307, 7142
Kiiashko VA: 4679
Kikawada R: 5098
Kikkawa R: 4706
Kikkawa Y: 7913
Kikuchi G: 6742
Kikuchi T: 4707
Kikutani H: 6673
Kilburn JO: 4708
Kilburn KH: 4036
Kilby BJ: 4709
Kil'chevskiĭ GS: 4939
Kilian J: 84, 4710
Kiliańska Z: 4956
Killilea SD: 5292
Killmann SA: 4711–4712, 4712–4713
Kiltz HH: 4279
Kim DK: 2743
Kim H: 6540
Kim HC: 7157
Kim HK: 4998
Kim HS: 4714
Kim JR: 5877
Kim S: 4715, 6686
Kim SJ: 10294
Kim SW: 4716
Kim WA: 9667
Kim WI: 5441
Kim Y: 4717
Kim YC: 4718
Kim YK: 5467
Kim YS: 5665, 8494–8495
Kim Z: 4719
Kim NKh: 4720
Kimelman D: 5076
Kimura A: 4161, 5039, 8121
Kimura H: 4721–4725, 4723
Kimura I: 4579
Kimura K: 9084
Kimura S: 6504

Kin G: 2256
Kinard HB: 1130
Kinawi A: 4724–4726
Kincaid-Smith P: 2544
Kincheloe BW: 4727
Kindahl H: 3339, 5817
King JC: 4830
King JD: 1080
King JW: 1271
King RA: 2779
King RG: 1762
King RJ: 1682
King TM: 1305
King WC: 6709
Kingdon HS: 5626, 9918
Kini H: 2319
Kinjyo T: 102
Kinkead LR: 528
Kinkel WR: 7752
Kinkhabwala MN: 4552
Kinkor M: 3683
Kinlough-Rathbone R: 4373
Kinlough-Rathbone RL: 3474, 4728–4729, 5369, 7549, 7552
Kinnaert P: 4730
Kinney JM: 9223
Kinney TR: 4731
Kinnunen PK: 2371, 4732–4733
Kinoshita S: 869, 4734, 7896
Kinoshita T: 4735, 6800
Kinzie JL: 4736
Kiorpes TC: 4737
Kipnis DM: 6912, 7231
Kiprenskiĭ IuV: 4738
Kiraly R: 4540
Kiraly RJ: 6710
Kirby EP: 6645
Kirby MJ: 2385
Kirchhoff H: 4739
Kirchner M: 4740
Kirchner S: 4220
Kirchnhoff H: 4741
Kiriakov VA: 6580
Kirienko AI: 4093, 8013, 8015
Kiriliuk SN: 7253
Kiriushchenkov AP: 4742
Kirk D: 4743
Kirk JA: 4498
Kirk PE: 2684
Kirk PJ: 320, 4744
Kirk RD: 292
Kirk RL: 4745
Kirkeeide RL: 10174
Kirkendall WM: 6931
Kirklin JW: 894
Kirkpatrick SE: 2693
Kirkwood TB: 2914, 2916–2917, 4355
Kirn A: 9043
Kirsch E: 3303
Kirsch W: 4746
Kirschenbaum D: 8937
Kirschke H: 957
Kirschner MW: 1657, 3743
Kirzner NM: 4190
Kiselev VN: 5787
Kishimoto A: 6674, 9040
Kishimoto T: 6673
Kishon Y: 6956
Kishore PR: 566, 4747
Kishore V: 4748–4749
Kisiel W: 1959, 4750–4751
Kisker CT: 4752
Kisloff B: 4753
Kiss J: 4754
Kiss L: 4120
Kissane JM: 7688
Kissel P: 4755
Kissin MW: 4756
Kistner RL: 6309
Kisumi M: 4757
Kita S: 7999
Kita-Mura K: 4133
Kitaeva ND: 7275
Kitagawa T: 6692, 6819
Kitajima E: 1800
Kitamura K: 6229, 10114
Kitamura M: 4758
Kitamura Y: 8425
Kitano T: 3709
Kitao T: 4759
Kito K: 4564
Kittler L: 4760, 5524
Kittlick PD: 4761
Kitzrow D: 918
Kivirikko KI: 262
kivman GIa: 3027–3028
Kizim AI: 9568, 9572–9573
Kizuki K: 6330
Kjaerheim A: 8762
Kjellén L: 4762
Kjellstrand C: 7708
Kladetzky RG: 7326
Klagsburn M: 4763
Klahr C: 7372
Klareskog L: 7140
Klaue P: 4642, 4764
Klaustermeyer WB: 7978
Kleckner HB: 4765
Kleeman CR: 5291, 7390
Kleihauer E: 3828, 4855
Kleimenov AN: 7809
Klein B: 2919
Klein E: 2924, 4402, 9048
Klein G: 8486, 10145
Klein HG: 4766
Klein HJ: 2663
Klein KG: 4767
Klein M: 4768
Klein PJ: 9427
Klein S: 1929
Klein TW: 4769, 7391
Klein W: 4076
Kleinberger G: 4770, 6960, 7181–7182
Kleine JW: 6691, 9511
Kleine R: 4771
Kleiner G: 6752
Kleiner GJ: 4772
Kleinert HE: 9856
Kleinfelder JS: 6187
Kleinhans D: 4773
Kleinig H: 4774
Kleinman R: 688
Kleinrok Z: 4869
Kleinschmidt F: 7974
Kleinschmidt K: 8845
Kleinwächter A: 9774
Kleking GP: 4775–4776, 4776
Kleking GR: 4777
Klement AA: 4778
Klemm J: 4779
Klemperer M: 2518
Klemperer MR: 503
Klener P: 4780–4782, 5034
Klenerman L: 4783
Kleniewski J: 2210
Klenk HD: 4784, 6488
Klepzig H: 4785
Klëšov AA: 4786
Klibanov A: 4787
Klibanov AM: 727–728, 4788
Klibansky C: 8301
Kligerman MM: 4789
Klimanskiĭ VA: 4790
Klimek K: 4791
Klimkiewicz E: 4792
Klimova IM: 4690
Kline DL: 4793, 5599, 7518
Kline I: 4362
Kling C: 8674
Kling PJ: 6199
Klingemann HG: 4794
Klingensmith WC 3d: 4795
Klinger M: 9008–9009
Klip A: 4796
Kliueva SK: 4797
Klockars M: 9787
Klöcking HP: 4798–4799, 5051, 5906
Kloczewiak M: 4800–4801
Kloepfer JC: 4267
Klop W: 3283
Kłos M: 6723
Klose G: 4802–4803
Klose H: 5476
Klose PK: 4804
Klosoris E: 4805
Klostermeyer H: 7547
Klotz AP: 10082
Klotz C: 8218
Klotz HP: 4806
Klotz IM: 9736
Kluft C: 3703, 4807–4808
Klug H: 3701
Klugmann S: 4809
Klümper A: 4810
Klumpp T: 4811
Kluyskens Y: 1040
Klykov NV: 4812
Klyszejko-Stefanowicz L: 4955–4956, 5492
Kmet J: 4745
Kmoch N: 7351–7352, 7352
Knapp HR: 6781
Knapp W: 4813, 8820
Knauer TE: 4814
Knepshield JH: 3031
Kniazik LV: 1078
Knight BE: 1641
Knight L: 2729
Knight LC: 4815, 5011
Knight MT: 4816–4817
Knight SC: 4818
Knighton DJ: 8210
Knochel JP: 4632, 4819
Knopf RF: 3833
Knopp RH: 4820
Knösel D: 4821
Knoth W: 4773
Knott E: 3918
Knouse CA: 4822
Knovlauch M: 6415
Knuckles BE: 4823
Knudtzon S: 2438, 4824
Knutsen T: 9910
Koba T: 4489, 4825–4826
Kobashi H: 4827
Kobayashi F: 4828
Kobayashi H: 3709
Kobayashi M: 6492, 9350
Kobayashi N: 4829, 6233
Kobayashi NH: 4830
Kobayashi O: 4831
Kobayashi S: 4178–4180
Kobayashi Y: 8023
Kobienia G: 7029
Kobzeva NIa: 9248
Kočandrle V: 4832
Kocemba-Sliwowska U: 4833
Koch H: 4834, 9387
Koch J: 1422
Koch M: 1295
Koch PA: 2979
Koch Y: 4835
Koch-Schmidt AC: 4836
Koch-Weser J: 4837
Kochan I: 4918
Kochetov GA: 2366
Kociba GJ: 4838
Kockum C: 9165
Kośmierska-Grodzka D: 4839–4840, 4840
Kodama M: 4841
Kodama N: 5997
Kodrian AA: 5275
Kodroff M: 2130
Koehler B: 4842
Koelsch R: 5218
Koelz A: 9167
Koenders Y: 945
Koenig H: 4843
Koepcke E: 4874, 9421
Koepke JA: 4844, 9895
Koeppe RE: 4845
Koeppen KM: 4846
Koerner SK: 518
Koff SA: 4847
Koffler A: 515, 5520–5521
Kofod B: 3613
Koga T: 4154
Kogan EM: 5478
Kogel H: 9982
Kogo A: 4116
Kogut ES: 10238
Kogut M: 3824
Koh KS: 4848
Koh S: 9335
Kohashi O: 4849
Kohl U: 4031
Köhle W: 7487
Köhler F: 4850

AUTHOR INDEX

Kohler GO: 4823
Köhler H: 4851
Köhler HJ: 2381
Köhler U: 4429
Köhler W: 4852–4853
Kohli Y: 4127
Kohn A: 5371
Kohn LD: 2682, 10000
Kohn P: 4854
Kohn S: 10138
Kohne E: 4855
Kohner EM: 1328, 4856
Köhnlein HE: 4857–4858
Kohout J: 4906
Koida M: 4859
Koide M: 106
Koide O: 4162
Koide T: 1959, 4860–4862
Koide Y: 4559, 4863
Koie K: 4480
Koike S: 4864
Koistinen J: 4865
Koj A: 4866
Kokemohr H: 7925
Kokmen E: 3080
Kokores JA: 4867
Kokriakov VN: 196
Kokubu T: 6669–6670
Kolber-Postępska B: 4868–4869
Kolchinsky AM: 6207
Kolektiv A: 2185
Kolesnikova NI: 6977
Kolesnikova RS: 4870, 4961
Kolesnikova VY: 5647
Kolesov EV: 4684
Koletsky S: 2073
Kolevski P: 8832
Kolk AH: 7960
Kolker AE: 4372
Koller E: 9713
Koller F: 4871–4872, 4872
Koller PC: 4873
Kollman PA: 5076
Kolmorgen K: 4874
Kolobow T: 4875–4876, 8905
Kolodeĭ SV: 9264
Kolodiĭ SM: 6795, 8015
Kolodzeĭs'ka MV: 4877
Kołodziej M: 10203
Kolodziej P: 4878
Kolomina SM: 4879
Kolomytkin OV: 4880
Kolosova NG: 5063
Kolpakov EV: 10287
Kolsky H: 10020
Kol'tsova NL: 232
Kolwas J: 5119
Komal HS: 1497
Komano T: 6327
Kómár J: 4881
Komarov BA: 7399
Komarov LS: 2568
Komarovskaia MR: 9144
Komezi T: 4671
Kominami E: 4564
Komínek Z: 1211
Komissarova NV: 3236, 4882
Komiya M: 4558, 10151
Komiyama M: 4883
Komkina TI: 10194
Komlev NA: 1283
Kommerell B: 4803, 9344
Komoda T: 4884
Komoto Y: 6520
Kompiang IP: 4885
Konat G: 4326
Konchurina GIu: 7327
Kondakov EN: 9398
Kondo K: 10106–10107
Kondo M: 4127, 4886–4887
Kondratchik SI: 10251
Kondrat'ev AN: 4888, 8266
Koníčková Z: 6367
Konigsberg W: 7289
Konigshausen T: 3809
Konings CH: 4889
Konings WN: 872
Konishi M: 10110
Konishi S: 2847
Koniukhov SG: 4890
Konja J: 4891
Kono A: 4892
Kono I: 6491
Kono M: 5795
Kono N: 4893
Kono T: 4894
Kono Y: 8322
Konovessi-Panayotatos A: 8194–8195
Konovets VM: 498
Konrad H: 2466, 2798, 2801, 3865, 7374
Konrad HR: 4895, 5018
Konshina IZ: 9676
Konstantinova GD: 4896, 7038, 8011
Konttinen Y: 4897, 6473
Konturek SJ: 4898
Könyves I: 212
Koo AH: 4899
Köpcke W: 572
Kopecki H: 10290
Kopen DF: 4250
Kopera H: 4900
Kopf AW: 4901
Kopp KF: 9663
Koppang N: 4902
Koppel H: 9935–9936, 9936
Koppes GM: 4903
Kopplhuber C: 9231
Kopteva IA: 4192
Korabiec M: 10258
Koraćević D: 4904
Korant BD: 4905
Korbová L: 4906, 5814
Korbu A: 1162
Korbut R: 3472
Korczyn AD: 2311, 6538
Koren E: 5616
Koreneva LG: 10280
Korf II: 7279
Korfel B: 3323
Koriakina IK: 10194
Kořínková P: 4907
Korkuschko OW: 4908
Korkushko OV: 4909
Korn G: 4910
Korn HE: 3354
Korn JH: 909
Korneenkova AA: 8020
Kornobis J: 1231
Kornstein LB: 7672
Korobkin M: 5559
Korolev BA: 4911–4912, 4912
Koroleva EV: 10201
Koroleva NB: 107
Korotia TA: 9234
Korsan-Bengtsen K: 390, 4913
Korsgaard B: 4914
Korte DE: 4915
Kortmann H: 572, 3022
Korycka A: 6721
Korzh-Kozitskaia NP: 9226
Kosak D: 705
Kosary IZ: 4916
Koschinsky JH: 8135
Koscielak M: 6280–6281
Koshel' IV: 9615
Koshino I: 4540
Koshkarian AO: 6785
Koshland ME: 4917
Kosiakov PN: 722
Košlík S: 4918
Kosmann P: 9719
Kośmider K: 4791
Kośmider S: 4919–4920, 4920
Kosnik EJ: 4921
Kosolapov GS: 5796
Kosorukova NIa: 4922, 5064
Kosow DP: 4923, 8609
Kossiakoff AA: 4924, 8873
Kossman S: 9368
Kossmann S: 4919, 9369–9370
Kossoff G: 1881
Köstering H: 5198
Kosterova VV: 5783–5784, 5784
Kostiuchenko AL: 5801
Kostka B: 8314–8315
Köstler E: 4925
Kostner GM: 4926, 8214
Kostolný M: 8508
Kostuk WJ: 4927
Kostyo JL: 3829, 4928
Koszinowski UH: 2496
Kosztovics A: 4929
Kot P: 2317
Kot PA: 4360
Kotani S: 4556, 4849
Kotelevtseva NV: 5196–5197
Kotoura Y: 6825
Kotov MK: 5606
Kotovshchikova MA: 2940, 4778, 4930, 5109, 5395
Kotschy M: 3202, 3599, 4495–4497, 4931
Kotsiubinskiĭ NN: 4932
Kotsubinskiĭ NN: 4200
Kottke BA: 2898, 5413, 5415
Kotts CE: 922
Kotzaurek R: 4770, 6960, 7181–7182
Kotzé JP: 4933
Kounis NG: 4934
Kountz SL: 1342
Kourilsky O: 297
Koutoulidis C: 1371
Koutrouby R: 10183
Koutrouby RJ: 3072
Kputts J: 4935
Kovačić M: 3390
Kováčová J: 4936, 5035
Kovács B: 3298
Kovács G: 5782
Kovács IB: 3299
Kovacs K: 2619
Kovács M: 2586
Koval' IuF: 4687
Kovalen AP: 4937
Kovalev SV: 7036
Kovaleva GG: 4938
Kovrizhko NM: 4939
Kowalczyńska HM: 4940
Kowalska-Loth B: 4941–4942
Kowalski D: 6758
Kowalski J: 5193
Kowalski JB: 3378
Kowalski TJ: 1598
Kowit JD: 3205, 4943
Koyama J: 9030
Koyama T: 10120–10122
Koyanagi N: 6492
Kozak VS: 7144
Kozdoba OA: 4944
Kozel'tsev VL: 9680
Kozhomkulova BZh: 6978, 8467
Kozin F: 4945, 8565
Koziner VB: 4102
Kozinets GI: 4946, 6221
Kozinets GP: 730
Koziol A: 10024
Kozlov AI: 2476
Kozlov EA: 8481
Kozlov SV: 5787
Kozlov VK: 1554–1555
Kozuschek W: 4805
Kr. v.d. Borne AE: 1226
Kraag G: 4947
Kraal B: 9492
Kraas E: 4948
Kraas S: 4948
Kraatz HP: 8099
Kraatz J: 7130
Kradjan WA: 4949
Kraehenbuhl JP: 4950–4951
Kraemer KH: 4952
Kraemer PM: 359
Kraĭchev S: 4691
Kraj M: 4953
Kraja JB: 4954
Krajčovič L: 8508
Krajewska W: 4955–4956
Krajewska-Donaj B: 4217
Krajewski S: 4957
Krajka K: 4958
Krajnovic P: 4959–4960, 4960
Krakiewicz A: 1263
Krakovits G: 9061
Krakovskiĭ NI: 4961
Králík J: 4962
Kralkowski K: 2995
Kramer EC: 7076
Kramer P: 9493

Kramer W: 4963, 6430
Kraml: 5070
Kramlová M: 4964
Kraner F: 3953
Krantz S: 4965–4966, 5525
Krantz SB: 10193
Krarup JC: 4967
Krasavina TS: 9682
Krasnoperova KE: 4968
Krasnov MM: 4969–4970
Krasovskaia EA: 1944–1945
Krastel V: 6919
Kratz F: 4971
Kratz NL: 8354
Kraus E: 4972
Kraus L: 5827
Krause AH: 5245
Krause CJ: 6987
Krause JR: 4973–4974
Krause KH: 4975
Krause M: 3666, 4855
Krause WH: 915, 4976, 6011
Krauss AN: 9001
Krauss JA: 2228
Krauss JS: 908
Krauss SW: 6184
Krausz Y: 4977
Kraut J: 866, 4978
Krauter S: 9854
Kravchenko LF: 4979
Kravchenko LS: 4980–4981
Kravchun PG: 5800
Kravetskaia TP: 4982
Kravis TC: 4983
Krawitz S: 4657
Krayenbühl HA: 4984
Kraytman M: 253, 4985
Krebs A: 10213
Krechetova SI: 2653
Kręcioch E: 3471–3472, 3472
Kreel L: 3799
Kreinin LS: 4578
Kreisberg JI: 3772
Kreiss P: 1683
Krejci K: 2828
Krellenstein DJ: 4986
Kremer K: 7974, 8845–8846
Kremer R: 2699
Kremneva VF: 4209
Kremp O: 4244
Kremski VC: 4987
Krendel DA: 4998
Kress LF: 6758
Krest'ianova IN: 7911
Kretschmer G: 7243
Kretsinger RH: 4988
Kreutzer HH: 9518
Kreuzer F: 9593–9599, 9597
Krian A: 5348
Kricheff II: 2480
Krick TP: 3064
Kricun ME: 2379
Krieg G: 4857
Krieger AJ: 4989
Krieger JN: 4990
Krieger M: 4845
Krieglsteiner P: 906, 3530
Kriessmann A: 4991–4992, 4992, 9162
Kriger AG: 6794
Krill C: 3377
Krinskaia AV: 7027
Kripke BJ: 4993
Krischak G: 1312
Krishnamurthy M: 4994–4995
Krishnaswamy K: 4996
Kristensen JK: 4997
Kristensen JV: 4325
Kritchevsky D: 4998–5000, 4999–5000
Kritsikis N: 5001
Kriuchok AG: 5002–5003
Kriukov BN: 4188
Krivit W: 3979
Krivobok BI: 5004
Křivohlavý A: 7086
Krivokapić L: 460
Krivoruchko RA: 1925, 3159
Krivoruchko TD: 4146
Krivoshein IuS: 7396
Krivosudský A: 3187
Krivova AIu: 2365
Krizek TJ: 6682
Krizsa F: 5005–5008, 5006–5008, 5917
Kroemer G: 5009
Kroener J: 5391
Kroese AJ: 5010
Krohn KA: 2062, 5011
Królikowska M: 8315
Kroll G: 7916
Kroll J: 5012
Kromer W: 5013
Kroms M: 5305
Kronberger D: 7376
Kroner T: 9994
Kronheim S: 7218
Kronick PL: 5014–5015
Kronik G: 8576
Kronseder A: 1302, 7367
Kroovand RL: 3581
Kröpelin K: 2789
Kropinov PI: 5511–5512, 5512
Krotova VT: 8302
Krstulović B: 4891
Kruck J: 2145
Kruckeberg WC: 1151
Krueger S: 5016
Krueger SK: 5017
Krug H: 4296
Krugman ME: 5018
Krugmire R Jr: 8856
Kruis W: 9864
Krukowski ZH: 5019
Krulik M: 5020
Krum S: 8871
Krumholz S: 7557
Krumpoch B: 9864
Krupp P: 5021
Kruse-Blinkenberg HO: 3294
Krušić J: 9245
Krüskemper G: 4231
Kruskemper HL: 3809
Kruss DM: 5022
Kruszyński J: 4307
Krut' MI: 4930, 5023
Krutchkoff DJ: 5024
Krutiakov VM: 4982
Krutzsch HC: 5025
Kruze D: 5026
Kružić Z: 1479, 4274, 5027–5028, 9275–9276
Krymskiĭ LD: 5029
Kryspin-Exner K: 7274
Krzywanek HJ: 1135
Kseliková M: 3969
Księżny S: 294
Kuba K: 420
Kubatiev AA: 232
Kuberski T: 5030
Kubiena K: 5031
Kubisz P: 4781–4782, 4936, 5032–5035
Kubo RT: 1033
Kubo S: 9396
Kubota S: 5036
Kubota Y: 6818
Kuchař M: 1477
Kuchinskiĭ IN: 5037
Kuczek M: 6720
Kudartseva IV: 6221
Kuder E: 9171
Kuderna H: 5038
Kudo K: 9818
Kudo T: 4153
Kudo Y: 5039
Kudrashov BA: 8647
Kudriashov BA: 4190, 4879, 5040–5049, 5435, 5802, 8659, 9408
Kudrjashov BA: 5050–5052
Kuenzig W: 5053
Kueppers F: 5054
Kuettner CA: 5055
Kuettner KE: 5056
Kuffer F: 5057
Kuffer R: 5058
Kuhl DE: 2194–2195
Kuhn H: 3467
Kühn K: 3973
Kühne H: 5059
Kühnscherf V: 5060
Kühr J: 4805
Kuiken L: 2777
Kukhtevich II: 5061, 6224
Kukla D: 4031
Kukladgiev B: 9092
Kuksinskiĭ VE: 7851
Kuksis A: 6333
Kukufate KE: 3308
Kukushka ZG: 2310
Kulaev LS: 6587
Kulakov NA: 3275
Kulakov VN: 8750
Kul'baka VS: 730
Kulczycki A Jr: 4263
Kulemza RV: 6870
Kuleszyńska G: 8724
Kulhavy R: 6113
Kulich V: 9607
Kuliczkowski K: 3201
Kulig A: 6144
Kulik II: 5062, 6044
Kulikov NV: 4912
Kulikov VIu: 5063
Kulikova DA: 4096
Kulikova VS: 5064
Kulinna J: 6425
Kulis IuIu: 5235
Kulkarni BJ: 2264
Kulkarni P: 652
Kulkarni PS: 2325, 5065, 6554
Kull FJ: 2677
Kullendorff CM: 3943
Kulpa L: 5242
Kult J: 3779
Kumada T: 5066
Kumagai H: 4114–4115, 5067
Kumaoka H: 5036
Kumar GK: 5068
Kumar H: 5596
Kumar R: 254, 5069
Kumar S: 1528, 4748–4749
Kumar SS: 9510
Kummer D: 5070
Kummer H: 5071, 8261
Kumon A: 6000
Kunchev V: 5072
Kunitsch G: 5073
Kunitsyn DV: 6039
Kunitsyna LA: 5074
Kunizyn DV: 5962–5963
Kunkel M: 3693
Kunst F: 8787
Kunst H: 5075
Kuntz ID: 5076
Kuntziger HE: 297
Kunz J: 5077
Kunze E: 8055
Künzel W: 5078
Künzer W: 8965–8966
Kuper H: 5079
Kupfer D: 7519
Kupfer S: 7432
Kupper R: 9291
Kurachi K: 1959, 3804
Kuramochi T: 2720
Kuramoto A: 9051
Kuramoto K: 5080
Kuraspediani MS: 8393
Kurbangaleev SM: 5081
Kurchatov IV: 5085
Kurelec B: 6427
Kuri-Harcuch W: 5082
Kuria VI: 240
Kuriakose TX: 4048, 4050
Kurisaka M: 5083
Kurita K: 8917
Kurkina VG: 7868
Kurland GS: 3573
Kurmashov VI: 9615
Kurnatowski W: 4298
Kurnick JE: 5084
Kurochkin SN: 5085
Kurochkina AI: 4454
Kurokawa T: 5086
Kurosaki Y: 4892
Kurosky A: 3637, 5087–5088, 7354
Kurtenbach P: 3501–3502
Kurtides S: 3556
Kurtz T: 2404
Kurup PA: 6089, 7164
Kurylo E: 4588–4589

Kurz C: 5089
Kurz H: 606
Kurzawska M: 4495-4496, 4496-4497
Kurze D: 6119
Kusano S: 5090
Kusch D: 5091
Kushch NL: 5092
Kushiro H: 5093
Kushko OV: 9146
Kuster J: 5094, 9688
Kusunose K: 10104
Kutas J: 1291
Kutcher R: 5095
Kutinová L: 5096
Kutner MH: 4505
Kutnick SL: 5097
Kutnowski M: 253, 4985, 7049
Kuto F: 3875, 5098
Kuto M: 10110
Kutti J: 5099-5102, 6854
Kutz J: 9856
Kuwahara M: 9044
Kuwahara SS: 5103-5104, 5104
Kuwahara T: 4176
Kuwayama H: 10099
Kuzin EM: 5105
Kuzmenko EL: 5109, 8440
Kuz'min VA: 6075
Kuz'min VP: 955
Kuz'mina SA: 1346
Kuznetsov AV: 5106
Kuznetsova AV: 5107
Kuznetsova IN: 5108
Kuznetsova TP: 4541
Kuznicki J: 6464
Kuznik BI: 5109-5112, 5110-5114, 6209, 7853, 8017
Kuzuya F: 5115
Kvarnung K: 10145
Kvarstein B: 5116
Kvist S: 7140
Kwaan HC: 5380
Kwan SW: 5117
Kwan WW: 5118
Kwapiszewski W: 5119
Kwi NK: 5118
Kwiecień N: 4898
Kwiterovich PO Jr: 5120
Kyei-Mensah K: 5121

L

La Bonnardière C: 5122
La Cauza C: 5123
La Celle PL: 5124
La Grutta A: 471-472
La Terra Bella B: 7737
Laake K: 9562
Labadie P: 5125
Labadze MA: 2841
Labarre D: 5126
Labastida Muñoz H: 5127
Labbé B: 5128
Labbé C: 7414
Labeyrie F: 3075
Labie D: 1095
Labitxke N: 9229
Labotka RJ: 5129
LaBrie RA: 8085
Lace R: 8657
Lacey JV: 5130
Lachiewicz P: 7934
Lachman L: 3604
Lachmann D: 1297
Lachmann PJ: 3571, 5672
Łącki L: 10024
Lackner H: 7472
Lacombe E: 7467
Lacombe MJ: 5982
Lacombe ML: 5131
Lacoste V: 7407, 10013
Ladda RL: 2537
Lader MH: 3038
Ladieu D: 771
Laemmli UK: 1657
Laessig RH: 5132
Laffargue P: 707
Lafisca MT: 5873
Lafontaine JG: 6337, 6483
Laga H: 6264
Lagarde M: 2009, 5133-5136, 5134-5136
Lagarriga J: 5137
Lagenstein I: 556
Lagergren H: 5138, 5141-5142, 6856-6857
Lagergren HR: 5215
Lagerlov P: 1163
Lages BA: 9872
Lagneau P: 1779, 2633
Lagrue G: 771
Lagutina LS: 5139
Lahiri B: 10304
Lahn W: 3435
Lahnborg G: 5140-5143
Lai CM: 5144
Lai CY: 3223, 5145
Lai JC: 5146
Laible V: 3389
Laimins M: 1729
Laine A: 5147
Laing FC: 3260
Laishes BA: 5148
Laithier M: 5149
Lajos M: 5150
Lajtha LG: 5007, 6185
Lake AM: 5151
Lake BD: 5556
Lake BG: 5152
Lake CR: 5153-5154, 7523
Laki K: 2613
Lakin KM: 5155-5156
Lakoma G: 3246
Lal MB: 252
Lalani II: 5157
Laliberté F: 5158
Laliberté R: 1495, 5159
Lalich JL: 5160
Lam-Po-Tang PR: 3505
Lamagnere JP: 5361
Lamarque JL: 5161
Lamas L: 5162-5163
Lamaud M: 6381
Lambelin G: 7667-7668
Lambert CJ: 5164
Lambert H: 5200-5202
Lambert L: 8751
Lambert LE: 8752
Lambert TL: 1789
Lambotte R: 2984
Lambright BR: 3093
Lamed R: 6402
Lamis PA: 8743
Lammerant J: 5165
Lammerant-Guillemare E: 5165
Lamotte-Barrillon S: 5166
Lamoureux G: 9292
Lampe M: 5167
Lampen JO: 99-100, 9299
Lamperi S: 6262
Lampert F: 5168
Lampert IA: 5169
Lampkin B: 3377
Lampkin SL 4h: 5170
Lampman T: 10093
Lampreave F: 1170
Lancourt JE: 5171
Landa MI: 5172
Landaburu RH: 5173
Landauer B: 5174
Landefeld TD: 5175
Landes RR: 3791
Landman OE: 2006
Landmann H: 5176
Landolfi R: 6463
Landon J: 5177
Landowski J: 5178
Lane AC: 5179
Lane AM: 335
Lane DA: 5180-5184, 5181-5184, 7464-7465, 8253, 9182
Lane M: 6984
Lang EN: 3194
Lang HJ: 8205
Lang KF: 5464
Lang PD: 10270
Lang U: 7326
Langdell RD: 4591
Langdon JR: 5185
Langdon RG: 10143
Lange D: 10271
Lange LG: 4406
Lange S: 3460, 9887
Lange-Nielsen F: 1163
Langehannig PL: 332
Langehennig PL: 8269
Langehenning PL: 333
Langer A: 3318
Langer B: 2941, 3238, 5186
Langer R: 4763, 5187
Langeron P: 2001, 5188-5189
Langevin J: 2270
Langhammer G: 739
Langille BL: 5190
Langley D: 5177
Langley PG: 8496, 9907
Langlois J: 852, 5191
Langman MJS: 3714
Langner A: 5192-5193
Langner J: 957
Langner RO: 5194
Langston MG: 3348
Langton AA: 10209
Långvik VA: 4092
Lanitis G: 5195
Lankerani MR: 1621
Lankin VZ: 5196-5197
Lankisch PG: 5198
Lanksch W: 9887
Lanoe R: 7392
Lanza R: 131
Lanzer G: 9231
Lapenas D: 1463
Lapetina EG: 5199
Lapp H: 1122
Lapras C: 1145, 3119, 6702
Laprevote-Heully MC: 5200-5202
Laragh JH: 8257
Larcan A: 5200-5202, 8837
Largiadèr F: 5958-5959
Largueche M: 2745
Larison PJ: 3167
Larke RP: 5203
Larking PW: 8958
Larmi TK: 4456-4457
Larner J: 5247
LaRoque RL: 4899
Laros RK Jr: 7097, 9580
Larose JH: 4293
Larose L: 5204
Larrain C: 5205
Larrieu MJ: 293, 2248, 4316, 5206
Larsen B: 5207
Larsen D: 5208
Larsen EH: 5209
Larsen FS: 5210
Larsen GL: 5211
Larsen JP: 5212
Larsen WJ: 5213
Larson SJ: 3775
Larson SM: 9519
Larsson B: 5214
Larsson I: 2405
Larsson R: 3742, 5625, 6857
Larsson RL: 5215
Larsson SA: 6661
Lasalle R: 6324
Lasch HG: 4976, 5216-5217, 6011, 6597, 7556
Lasch J: 5218
LaSette AM: 515
Lashchevker VM: 5219
Lasierra Cirujeda J: 9629
Lasierra Cirujeda L: 5220
Lasker SE: 5221
Laskowski M Sr: 6758
Lastovetskaia LV: 9455
László H: 5222
Laszlo J: 5223
Latal-Duančić M: 5224
Latallo ZS: 5803
Lathham HG Jr: 1705
Latimer P: 5225
Latini R: 820
Latner AL: 5226
Latorraca R: 8812
Latour JG: 10182
Latourette H: 9155
Latsis GV: 5227

NLM-FIB-A77 01169

Latto C: 1304
Lau B: 5168
Lau FY: 143, 7990
Lau KS: 9921
Laude H: 5228
Lauder AD: 5229
Lauder MM: 5229
Laudi M: 5230
Lauffenburger AL: 9329
Laug WE: 8268
Laughlin R: 3110
Laughlin RA: 5231–5232, 5232
Laugier J: 5361
Laugier P: 5233, 6847
Launay JF: 4600
Laurain AR: 6226
Laurens A: 3560
Laurent D: 5237
Laurent G: 5234
Laurent-Tabusse G: 2644, 8235
Lauressergues H: 9095
Lauret F: 2262
Lauria F: 7837
Laurinavichius VA: 5235
Laursen RA: 995, 5236
Lautier A: 5237
Lauwerys R: 1243
Laval AM: 842
Laverdant C: 2514
Lavergne JM: 5238
Lavine KK: 6911
Lavrinovich TS: 5239–5240, 5240
Lavrinovitsch TS: 5241
Law EJ: 6539, 6791
Law PY: 2214
Lawczyński L: 10034
Lawiński M: 5242
Lawkowicz W: 5243
Lawler JW: 1511, 5244
Lawrence AG: 6394
Lawrence D: 8734
Lawrence GH: 5245
Lawrence HS: 3956, 5246
Lawrence JC: 3582
Lawrence JC Jr: 5247
Lawrence JR: 5248, 8340
Lawrence RF: 4727
Lawrie BW: 7675
Lawrie GM: 5249
Lawrie P: 1393
Lawrie TD: 9745
Laws EA: 2467
Lawson DH: 9230
Lawson DL: 6126
Lawson JH: 5250
Lawson JP: 6470
Lawson WB: 5526
Lawton WD: 5251
Laxenaire MC: 5252–5253
Lazan DW: 4250
Lazar C: 632, 5254
Lázár G: 5255
Lazar T: 5256
Lazarus GS: 3688, 5388
Lazarus HM: 5257
Lazorthes F: 7991
Lazorthes Y: 5258
Lazzari A: 2875, 7618
Lazzari MA: 5259
Lazzarin M: 5260
Lazzaro EC: 5261
Le Breton GC: 5262
Le Fur G: 5263
Le Lorier G: 9574
Le Menn G: 10171
Le Menn R: 964, 5264
Le Meur MA: 5612
Le Mouel M: 5265
Le Page J: 9618
Le Quesne LP: 8256
Le Roux Y: 5266
Lea JR: 5267
Leach BS: 5268
Leach H: 3354
Leach R: 2259
Leachman RD: 6792
Leadbetter G: 1311
Leal J: 1716
Leal JJ: 5269
Leão LE: 5186
Leapman SB: 1834
Leavens ME: 9157
Leb G: 1021, 8066
Léb J: 953
Lebech PE: 5270
Lebecq MF: 2553
Lebedev LV: 5652
Lebedeva NV: 1947
Lebenthal E: 259, 5271–5272, 5272–5273
Leber HW: 5274
Leberman R: 2988–2989
Lebez D: 9134
Lebkova NP: 5275
Leblanc A: 8974
Leblanc R: 7139
Leblond PF: 5276
Leboulenger F: 9315
Lebrec D: 5277
Lebret M: 2559
Lebuisson DA: 5278
Lech JJ: 5279
Lechi A: 5280–5281
Lechi C: 5280–5281
Lechler E: 3765, 5282
Lechner K: 1136, 4770, 5283–5285, 6635, 6724, 7181–7182, 7201, 9159
Leckman JF: 5286
Leclerc M: 88–89
Leclerc MH: 5361
Leclercq P: 1059
Lecrubier C: 1249, 5287, 7392
Lecuire J: 1145
Leddy JP: 1133
Lederer F: 3480, 7304
Lederis K: 5664, 6296
Lederman DM: 6735
Ledford ME: 6297
Ledinski G: 9244
Ledoux-Lebard G: 997
Ledvinová J: 9401
Lee BY: 5288–5289
Lee CK: 4995
Lee CY: 5469, 8417
Lee D: 5290
Lee DB: 5291, 7019, 7390
Lee ES: 4716
Lee EY: 5292
Lee FH: 5293
Lee HA: 5294
Lee HM: 5295
Lee HT: 9367
Lee IC: 5296
Lee J: 5297, 7928, 8402
Lee JK: 5567
Lee KR: 4747, 5298
Lee KS: 5299
Lee KT: 5305
Lee MH: 5300
Lee P: 8082–8083
Lee SH: 5301, 5751
Lee SP: 5302
Lee SY: 1815, 4062
Lee TK: 5303, 5722
Lee WJ: 5304
Lee WM: 5305
Lee YH: 4550
Lee YJ: 5306
Lee YT: 5307
Lee-Huang S: 5308
Lee NLY: 7093
Leeds N: 4034
Leeds NE: 10267
Leenhouts JA: 10051
Lees NW: 5309
Lees RS: 1430–1431
Leet DM: 5310
Leetma HE: 3072
Lefebvre PJ: 2985, 5311, 5640
Lefebvre D'amour M: 1764
Lefer AM: 2942, 5312, 7285
Lefleur RS: 170
Leforestier C: 5849
Lefort J: 5313, 9531, 9533
Lefrak EA: 8752
Leftridge CA Jr: 5314
Legaz ME: 5315, 9197
Leger H: 407
Leger L: 5316
Legha SS: 5317
Legmann P: 1317
Legrand C: 5318–5319
Legrand G: 9294
Legrand J: 5320
Legrand Y: 2559, 5321–5324
Legras B: 6839
Legre G: 746
Lehane MJ: 5325
Lehman LD: 5326
Lehmann A: 10029
Lehmann H: 1935–1936, 7742
Lehmann J: 5327
Lehmann K: 5060
Lehmann W: 6055
Lehn J: 3418
Lehner-netsch G: 2038
Lehnhardt G: 3777
Lehr L: 1295, 5328
Lehrach F: 5329
Leibold W: 6485
Leichtling JJ: 2249
Leichtman DA: 5330
Leid RW Jr: 10187–10188
Leidl W: 5331
Leikensohn JR: 5332
Leikin S: 2518
Leikola J: 1892, 4865
Leimgruber RM: 5333–5334
Leist FD: 5335
Leiter E: 539
Leiter EH: 2478, 5336–5338
Leiter SS: 5339
Leitz K: 5340
Lekareva NIa: 2529
Lekas N: 5341
Lelianov AD: 5342
Lemaigre D: 5491
Lemaitre G: 5343, 6041
Lemaître L: 2553
Lemberger L: 5344
Lemieux E: 5577
Lemkes H: 9202
Lemon MJ: 115
Lemonnier D: 5345–5346
Lempart K: 3899–3900
Lenaers-Claeys G: 5347
Lenk H: 2206, 9875
Leńko J: 6144
Lennartz H: 5348
Lennarz WJ: 8119
Lennette EH: 8136
Lentz M: 3094
Lenz J: 3658
Leon A: 9260
Leonard A: 9555
Leonard BD: 1409, 9891
Leonardi E: 6991
Leonardi RG: 4089
Leone FA: 1573, 3108
Leone G: 878, 6275
Leonetti J: 5349–5350, 8326–8328, 8327–8328, 8330
Leonhardt H: 5351–5352, 5352
Leontovich VA: 1279, 9317, 9644
Leopold H: 4637
Leovey EM: 202
Lepage G: 5466
LePage J: 7107
Lepage V: 5353
Lepetit JM: 5354
Lepke S: 5355, 7031
Lepley D Jr: 5356
Lepoire J: 7179
Leporskiĭ VN: 5357
Leppla SH: 5358
Lèques B: 169
Lerch K: 6542
Lerman S: 5359
Lerman SP: 6961
Lerner H: 2673
Lerner RA: 2418
Lerner RG: 5360
Leroux ME: 5361
Leroy D: 2088
Leroy J: 5361
Lesbros D: 5362
Lesch M: 1228
Lesch R: 7165

Lesesne HR: 5363
Leshinskiĭ LA: 5364
Lesnaw JA: 7516
Lesný P: 8508
Lessell S: 1763
Lessley BA: 2973
Lester E: 5365
Lester J: 345, 3523
Letchworth AT: 5443
Letohic F: 9457
Letoublon C: 1501
Letter A: 6296
Letteron M: 3050
Leu HJ: 5366–5367
Leukart O: 2668
Leung DW: 5368
Leung JT: 6912
Leung NL: 5369, 8926
Leupold D: 4855
Lev M: 5370
Levachev MM: 7279
Levaillant PA: 3481
Levanon A: 5371
Levanto A: 9635
Levasseur L: 3481
Levassor M: 3192
Levchenko AM: 2227
Levchuk TP: 610, 4095, 5802
Levdikova GA: 2367
Levenson LW: 2034
Levenson R: 4763
Levenson SM: 2330, 5372, 8101
Levent M: 771
Leventhal B: 9910
Leveson JE: 5879
Levi JU: 4079, 6866
Levi L: 6967
Levi P: 5373
Levi S: 5374
Levilliers N: 5375
Levin DC: 639, 2647, 5376
Levin EJ: 7831
Levin GZ: 5377
Levin J: 2526, 7615, 7884, 8460, 10225
Levin K: 5378
Levin ME: 5379
Levin RD: 5380
Levin RL: 5381–5382
Levin S: 4598
Levin SE: 4657
Levin VA: 9986
Levin W: 9194
Levin GIa: 3409, 5383–5386
Levina GO: 7028
Levina NV: 5387
Levina ZI: 7309
Levine E: 2876
Levine J: 1728
Levine L: 3961–3962, 7307–7308
Levine N: 3688, 5388
Levine P: 138, 10264
Levine PH: 1238, 5389–5390, 5762
Levine R: 6479
Levine S: 5902
Levine SP: 5391
Levine V: 9443
Levinson AI: 2091
Levinthal R: 5392
Levison ME: 5393
Levison SP: 1179
Levitin PM: 5394
Levitina DI: 5395
Levitskaia IuV: 6567
Levitskiĭ AP: 496–497, 5396, 9003, 9709
Levitt M: 2673
Levitt RG: 5397
Levitzki A: 2483
Levkoff AH: 7412
Levo Y: 5398
Levshenko AP: 4676
Levy DA: 1683
Levy DE: 2234
Levy G: 5144, 5399, 8577–8578, 10092–10097
Lévy JM: 5400
Levy M: 8068, 8635
Levy MJ: 2487
Levy MR: 5401
Levy R: 1043, 5402
Levy S: 5403
Levy SB: 5404
Levy VG: 5799
Lévy-Silagy J: 8147
Levy-Toledano S: 717, 1363, 5405, 5817, 9252
Levyant MI: 5406
Lewandowska J: 7875
Lewandowski L: 5407
Lewicki R: 2999
Lewin W: 5408
Lewis CE Jr: 2345, 5409
Lewis DA: 5410–5411, 7018
Lewis DM: 5412
Lewis EJ: 8374
Lewis FR Jr: 901
Lewis GP: 5444
Lewis HR: 6681
Lewis IM: 3873
Lewis JC: 2898, 5413–5415
Lewis JD: 6619–6620, 7133
Lewis JE: 2228
Lewis JH: 3679, 5416–5418, 8700
Lewis JK: 9734
Lewis JP: 3780
Lewis MB: 5419
Lewis MG: 7010, 7801
Lewis ML: 134
Lewis MR: 1902
Lewis PJ: 6889
Lewis RJ: 694
Lewis UJ: 5420
Lewitus Z: 3424
Leyder C: 130
Leynadier F: 2260
Leyva F: 9292
Lezeu R: 2274
L'Hénaff H: 5421
L'Herminé C: 5422
Li CH: 2214, 4246, 4584, 5423–5426, 7899
Li EH: 2581
Li HC: 5427
Li TS: 3318
Liacopoulos P: 688
Liaĭman OM: 5428
Lian EC: 2154, 5429–5432
Lian JB: 5433
Liao C: 5469, 8417
Liapina AA: 8647
Liapina LA: 609–610, 5042–5049, 5051, 5434–5435, 6978, 9404
Libelius R: 4343
Libshitz HI: 5436
Licata D: 1565
Lichliter WD: 5437
Lichtenfeld P: 4372
Lichtenstein H: 5438
Lichtenstein JR: 5439, 5538
Lichtenstein LM: 5440
Lichtig C: 8689
Lichtiger B: 9888
Lichtlen P: 1907
Lichtman MA: 8279
Licinska I: 9011
Lie JT: 4714, 5249
Lie M: 6764, 6766, 9131
Lie TS: 5441
Lie-injo LE: 5442
Lieberman BA: 5443
Lieberman C: 3208
Lieberman GE: 5444
Lieberman J: 10158
Lieberman Y: 6956
Liebert M: 5445
Liebig W: 8026
Liebler GA: 5760
Liebman WM: 5446
Liedholm P: 5214, 5447
Liedloff H: 5448–5449, 8190
Liehr H: 1136, 1224, 4794, 5450
Liem RK: 5451
Liener IE: 4026, 5452, 9383
Lievre C: 6028
Lifshits FI: 5453
Lightsey AL: 5614
Liguory C: 5316
Liigant A: 9063
Lijinsky W: 5454–5455
Lijnen PJ: 5456
Likhtenshtein IE: 2617
Liliequist B: 5457–5458
Lilja B: 146
Lilja P: 4121
Lilleaasen P: 5459
Lillehei C: 4763
Lillehei CW: 5460, 7526–7527
Lilley DM: 5461
Lilley JJ: 5404
Lilly MD: 6439
Lilly RB: 5910
Lim RC: 3927
Lim RC Jr: 5462
Lima F: 3253
Limas C: 5463
Limbourg P: 5464
Limet R: 5465–5466
Limozin N: 2644, 8235
Lin AJ: 1789
Lin JP: 2480
Lin KD: 5467
Lin PF: 5468
Lin PS: 5490
Lin SC: 5567
Lin SY: 5469
Linard de Guertechin D: 5470
Linares G: 197
Linares GR: 5565
Linares Solano J: 301
Linari G: 5471
Linari MB: 5471
Lincoln JB: 10002
Lincoln JC: 9200
Lincoln TM: 1767
Lind B: 8483
Lindahl U: 3967, 5472, 6842, 7626
Lindan O: 1121
Lindberg AA: 2492
Lindberg RB: 215
Lindblad L: 1615
Lindeman J: 2444
Lindemann H: 5473
Lindenauer SM: 141
Lindenbaum BL: 5474
Lindenbaum J: 3059, 7157
Linder C: 5475
Linder L: 8944
Linder MC: 9715
Linderkamp O: 5476
Lindewald H: 3607
Lindgren JA: 5477
Lindheimer MD: 2378, 8689
Lindley JD: 836
Lindner DP: 5478
Lindner E: 2142, 5479
Lindon JN: 5480, 9832
Lindqvist M: 5458
Lindqvist R: 5481
Lindsay J: 6378
Lindsay RM: 5482–5483
Lindsley BF: 4705
Linell F: 3768
Ling GV: 1345
Lingaas E: 24
Lingard W: 5484
Linial M: 5485
Link W: 3180
Linker A: 3967, 5486
Linker H: 1004, 5487, 7583
Linklater KA: 5488
Linnoila M: 5489
Lins LE: 9968
Lint TF: 458
Linthout-Goorhuis E: 2464
Linton AL: 5483
Linton PH: 8629
Lionetti FJ: 5490
Liot F: 5491
Lipińska A: 4956, 5492
Lipinska I: 5493, 5496–5497
Lipińska-Piotrowska I: 5494
Lipinski B: 3508–3509, 3511, 5493, 5495–5497, 6644
Lipkan GN: 6125
Lipkin VM: 6927
Lipnitskiĭ EM: 8272
Lipovetskiĭ BM: 5498
Lipp V: 1395, 1398
Lippelt J: 3819
Lippert B: 5499
Lippman M: 5500

Lippman ME: 6087
Lippman MM: 5501
Lipscomb MF: 690
Lipsky PE: 2437
Liptrap RM: 3042, 7249
Lira P: 6124
Lis M: 8282
Lisch HJ: 5502
Lisetskiĭ VA: 5503
Lisiewicz J: 5504–5505
Lisovskaia IL: 5506, 5898
Liss JP: 10304
Lissitschkov T: 1272
Lisson G: 5926
Lister G: 9856
Liston J: 2160
Liszewska D: 5803
Litchford B: 6820
Lithell H: 9608–9609
Litovkina ES: 7868
Little HL: 5507
Little JB: 2731
Little KE: 5508
Litwak RS: 5509
Litwin MS: 1190, 4063
Liu C: 3055
Liu CY: 5510
Liu M: 8908
Liu MS: 428
Liu TY: 9022–9023
Liu YK: 8933
Liubimova NN: 286
Liul'ko AV: 5511–5512, 5512
Liusov VA: 5513–5517, 5515
Liutova LB: 223
Liutova LV: 228, 230–231
Livaković V: 5516
Livingstone AS: 4079
Livio M: 7561–7562
Livnat EJ: 5517
Livnat S: 5518
Livne A: 386
Livrelli M: 7505
Livshii IaG: 7886
Lizzi FL: 1704
Ljapina LA: 5050
Ljumanović J: 644
Ljunggren B: 5519
Ljungholm K: 7647
Llach F: 5520–5521
Llena J: 4034
Llewellyn RC: 532
Llobell A: 9627
Lloveras J: 2302
Lloyd JB: 5522
Lloyd JR: 5523
Lloyd JV: 2288
Lo S: 2697
Lo Schiavo C: 7375
Löber G: 5524
Lober M: 4965–4966, 5525
Lobera A: 4625
Lobo AP: 5526
Lobo PI: 5527
Loboda EB: 5787
LoBuglio AF: 6453
Lobzowski J: 8753
Lockhart K: 3420
Lockwood MG: 1582
Lockwood TD: 5528
Lockwood TE: 5529
Lodin Z: 4907
Lodovici F: 8326
Lodovivi F: 8327
Loeb H: 7702
Loeb WF: 5530
Loeffler R: 4634
Loegering DA: 5412
Loeliger EA: 944, 1152, 2121, 5531–5533, 9512
Loeprecht H: 5534
Loew D: 943, 2376, 5535–5536
Loew F: 5537
Loewenthal J: 8803
Loewinger RJ: 5538
Löffelmann K: 9854
Lofferer O: 5539, 6374
Löffler H: 4054
Loffredo V: 9809
Logan SH: 1582
Logerfo FW: 4364
Logghe N: 2362
Loginova LG: 5540–5541, 6589
Log;nova NK: 497
Logofătu S: 7091
Logothetou H: 5542
Logue GL: 5543
Logue V: 4631
Loh HH: 2214, 8521, 8606, 9347
Lohkamp F: 5544
Lohse K: 5545
Loire R: 5546, 6702
Lojda Z: 5813
Loken M: 5547
Lokhvitski®i SV 5548
Lokhvitskiĭ SV: 8876
Lokich JJ: 5549
Lökken P: 5550
Lokshina LA: 5551–5552, 5552
Lombard A: 8293
Lombart C: 6827
Lomovskaia EG: 5049
London FS: 4047
Long DG: 5553, 7988
Long E: 5554
Long JM 3d: 2281
Long JW: 3605
Long L: 6558
Long LA: 300
Long RG: 5555–5556
Longhini C: 5557
Longland RC: 5152
Longmire RL: 5614
Longo FJ: 5558
Longpré B: 5578
Longstreth PL: 5559
Longy M: 6310
Loogen F: 1149
Loos M: 5560
Loose D: 8845–8846
Lopaciuk S: 1347
Lopes-Virella MF: 5561
Lopez M: 5562
López N ME: 4340
Lopez R: 5563, 7745
López Areal F: 5564
López Avilés MC: 279
López Borrasca A: 249–251, 7691–7692, 9620
Lopez-Llera M: 5565–5566
López-Llera Méndez M: 2132
Lopez-Majano V: 5567
López-Romero E: 5568, 7842
Lopunova ZhK: 8462
Lorand L: 1864, 5569, 8189
Lorber SH: 1602
Lord K: 2916–2917
Lorente F: 2714
Lorenz H: 8128
Lorenz MD: 5570
Lorenzen IB: 3613
Lorenzini P: 1801
Lorenzo Foz P: 7844
Lorez HP: 5571
Loria CJ: 5451
Loriaux DL: 7523
Lorient D: 5572
Lorient MF: 965
Loriia ZhK: 5573–5574, 9716–9717
Lormeau JC: 5575
Loseva VA: 5576
Losi M: 9847
Losito R: 5577–5578
Lositskaia VM: 9572
Losman JG: 5579
Losonczy H: 7459
Losowsky MS: 1852
Lossing TS: 5580
Lostia O: 1801
Lotan R: 8573
Lotay SS: 5581
Lottspeich F: 3787–3788, 5582–5583, 9281
Lotz F: 7249
Loudon JR: 5584–5585
Loue J: 5320
Louis A: 6319
Louis G: 7779
Louis-Gustave A: 5586
Louis-Gustave R: 5586
Louizou C: 2167, 5587, 5835, 10129
Lousteau RJ: 5650
Loutfy MA: 5588–5589
Louvard D: 9520
Louvent F: 5590
Louw JH: 3729, 5508
Lovchik JC: 5591
Love RR: 5592
Lovell RR: 5593
Lovenberg W: 6356
Loverdo RG: 5594
Lovisetto P: 5595
Lovrenčić M: 2098, 5596
Löw B: 6108
Low TL: 3223
Lowe G: 10142
Lowe GD: 2717, 5597–5598
Lowe LA: 643
Lowenhaupt RW: 5599
Lowenthal J: 5600
Lowenthal RM: 1328
Lowery C: 5601
Lowes B: 4272, 6212
Lowndes R: 3337
Lowther DA: 5602
Lozar J: 6162
Lozier RH: 5603
Lozman J: 5604
Lu AY: 9194
Lu RC: 2441
Lubchenco LO: 9896
Lubec G: 5605
Lubenskiĭ IuM: 5606
Lüber J: 6425
Lubet RA: 3465
Lubowitz H: 984
Lubowsky J: 2582
Lubs HA: 5607
Lubs ML: 5607, 8709
Lubskiĭ VN: 9643
Lucarelli S: 1326
Lucarini L: 1429
Lucas RC: 5608
Lucatorto FM: 3197
Luce EA: 5609
Luce JK: 1315
Lucia F: 2962
Lucien N: 947
Lucka B: 9011
Lucky AW: 9400
Lüdde E: 8265
Lüders CJ: 9684
Ludgate CM: 5610
Ludlam CA: 709, 5611
Ludwig E: 9159
Ludwig WR: 10008
Luetić V: 1479, 4274, 5027–5028, 9275–9276
Lufschanowski R: 6792
Luftig RB: 9839, 10167
Lugaro G: 1435
Luger AM: 8689
Lugnier AA: 5612
Lugovskoĭ EV: 5613
Luiken GA: 5614
Luisi PL: 5615, 7933
Lukač J: 5616
Lukasheva EV: 92, 5617
Lukashin BP: 5618–5619
Lukban SB: 5509
Luk'ianova EG: 5620
Lukieńczuk T: 8740
Lukiianova LE: 6114
Lukin RR: 5621
Lukjan H: 3323
Lukusa K: 8555
Luly P: 9308
Lumare A: 6698
Lumb WV: 1343
Lumley JS: 5622
Lumper L: 5256
Lumsden J: 5623
Luna JA: 10193
Lund F: 5624
Lundberg M: 5625
Lundblad RL: 5626, 9402, 9918, 10066–10067
Lundborg P: 5099, 5101–5102, 6854
Lundgren O: 3551–3552, 3552
Lundh B: 6108
Lundh G: 5627
Lundholm M: 7869

Lundholm U: 7546
Lundquist I: 4121, 4343
Lundsgaard-Hansen P: 5628
Lundström I: 325
Lundström NR: 6358
Lundy EG: 5629
Luneva NK: 2241
Lungarella G: 9845
Lunglmayr G: 5630, 7161
Luño E: 7379
Lupi L: 5631
Lupien PJ: 2920, 6302
Lupo A: 7375
Lurhuma AZ: 5632
Lüscher EF: 1077, 1654, 4544, 5633, 7162–7163
Lusher JM: 534, 4666, 5634, 10298
Luska G: 5073
Lussier A: 2057
Lussier J: 3438
Lustig S: 5635
Lustmann J: 394
Lusztig G: 5782
Luthardt FW: 5636
Luti E: 9551
Lutilsky L: 4991, 9162
Lutmer RF: 4546
Luttwak EM: 2373
Lutz D: 3901
Lutz H: 7130
Lutz W: 5637
Lutze G: 5638–5639
Lutzker LG: 10235
Lux G: 2205
Luyckx A: 2554
Luyckx AS: 2985, 5311, 5640
Luzhnikov EA: 5641
Luzhnov KV: 5642
Luzhnov NP: 5642
Luzikov VN: 451–452, 5643–5644
Luzzi R: 7839
L'vovich NA: 7279
Lwvin GIa: 5645
Ly B: 308, 5646
Lyampert IM: 5647
Lyapina LA: 5052
Lyddiatt A: 5648
Lyman RL: 8148, 8150
Lynch PR: 8815
Lynen A: 55
Lynen FK: 7450
Lynham JA: 3684–3685
Lynn DJ: 5649
Lyons GD: 5650
Lysenko O: 4548
Lysenkov NV: 5651
Lyskova MN: 955
Lysogorskaia EN: 4938
Lytkin MI: 5652
Lytton B: 1299
Lytton DG: 9812
Lyublinskaya LA: 8800

M

Maak B: 5653–5654
Maar K: 5655
Maas LC: 6219
Maass D: 6120
Mabuchi I: 8429
Mac Laurin JP: 5656
McAdam KP: 8542
McAdams JL: 3858
McAdoo M: 3223
McAfee JG: 10019
Macaione S: 5657
McAlpine PJ: 5658
McAplpine PJ: 5659
Macarak EJ: 5660
Macarthur D: 91
MacArthur JD: 5661
McAuliffe FM: 6170
Macbeth RA: 6065
McBride CM: 5662
McBride-Warren PA: 7614
McBurney A: 8387
McCabe BF: 8191
McCammon JA: 5663
MacCannell KL: 5664
McCarl RL: 8696
Maccarrone N: 1628
McCarthy DM: 5665
McCarthy PG: 5666
McCarthy TG: 9927
McCarty D: 4945
McCarty KS Jr: 5667
McCarty KS Sr: 5667
Maccia CA: 5668
McClain O: 4236
McClanahan SB: 3407
McClary DO: 6853
McClay DR: 5669
McClellan MA: 5670
McClenaghan MD: 1968
McClure J: 3223
McClure PD: 5671
McClure WR: 4367
McCluskey D: 8743
MacCollum M: 3321
McConathy WJ: 2949
McConkey CL: 5401
McConnell I: 5672
McCort JJ: 5673
McCoy JR: 25
McCrae MA: 7102
McCreary RH: 5674
McCredie KB: 5675
McCullagh KG: 1337
McCulloch JA: 5676
McCullough J: 5677, 6852
McCurdy PR: 5678, 10292
McCurdy RL: 3038
McCutchan JA: 1125
McDanal JT: 5679
McDaniel HG: 7725
McDermid EM: 4745
McDevitt NB: 1081
McDonagh J: 4591, 5680, 8394–8395
McDonagh RP: 4591, 5680, 8394–8395
MacDonald AF: 9655
McDonald EJ Jr: 3260
McDonald GA: 7800
MacDonald HH: 4263
McDonald JK: 7975, 8217
McDonald JW: 132
MacDonald LM: 9193
MacDonald NS: 9088
McDonald PT: 1714
MacDonald R: 5681
McDonald TO: 5682
McDonald TP: 5185, 5683–5688, 7528
McDonough MW: 5689
McDuffie FC: 1739
McDuffie NM: 2148
Mcduffie NN: 2147
McElwain TJ: 8613
MacErlean DP: 8355
McEuen DD: 215
McEvoy JD: 2208
McEwan HP: 5690
MacEwen EG: 5691–5692
Mcfarland KF: 9931
McFarland MB: 5693
MacFarlane J: 2673
McGann LE: 4818
McGee DM: 3775
McGee MP: 5694
McGeeney KF: 562
McGiff JC: 1706, 5695, 9150
McGinniss MH: 5968, 6170
McGouran RC: 5696
McGrath CM: 9710
McGrath MA: 5697
McGready JR: 6313, 7093
MacGregor BJ: 1873
MacGregor D: 5698
MacGregor I: 5699
MacGregor RR: 5700
McGuinness GA: 9896
McGuire RL: 2751
McGuire WL: 2974–2975, 10226
McGuirk RA: 6263
Machan FG: 5701
McHardy J: 320
Macheret EL: 5702
Machleidt W: 10084–10085
Machlin LJ: 5703
Macho Fernandez A: 5220
Machold O: 8952
Machovich R: 281, 5704–5705, 6873
McHugh R: 7708
Machulin AV: 678
Maciejasz A: 5706
McIlmoyle G: 5707
McIlreavy D: 1816
McIlroy BM: 4003
McIntire KR: 47
McIntire LV: 3179, 5708
McIntosh RM: 5709
MacIntyre DE: 1775, 2002, 2258, 3269, 5710–5711
Macintyre IM: 5712
McIntyre KM: 5713, 7996
McIntyre OR: 8828
McIntyre PA: 8059
McIntyre SL: 8400
MacIver JE: 13, 6185, 8590
McKay DG: 5714
McKay LL: 2352, 8138
Mackay P: 1311
McKee AE: 2692
McKee LC Jr: 5715
McKee PA: 465, 5716, 8642, 8997, 9932
McKeehan WL: 5717
McKelvy B: 5718
McKelvy JF: 5719
McKenna R: 413, 4577, 5720
McKenzie JM: 5721
MacKenzie MR: 5722
MacKenzie RD: 3429
McKenzie WN: 4036
Mckerns KW: 5723
Mackie GA: 5724
Mackie I: 4783, 5725
Mackie IG: 91
Mackie KW: 3124
Mackiewicz J: 414, 416
McKillop C: 2337
McKinley-McKee J: 1889
McKnight RC: 1641
Maćkowiak J: 9093
McKusick VA: 5726, 6906
McLain S: 6264
McLaughlin B: 9494
McLaughlin J: 5727
McLaurin LP: 8746
Maclean CJ: 5728
Maclean D: 6353
McLean DR: 5729
McLean JA: 5730
MacLellan DG: 5731
McLellan DS: 320, 4744
McLennan CR: 7666
MacLennan DH: 5732
MacLeod AM: 6354
McLeod DC: 5733
McLeod FD: 1343
McLeod MN: 9919
Macleod R: 7516
McLimans WF: 5427
McLoughlin MG: 6087–6088, 6088
McMenamin RA: 5734
McMichan JC: 5735
MacMillan BG: 6539
McMillan DE: 5736
McMillan R: 5614
McMillan RM: 3269
McMillan RT: 7599–7600, 7600
MacMillian BG: 6791
Macmorine DR: 6386
McMurtry IF: 5737
McNair M: 5738
McNamara JJ: 5679
McNamara PJ: 3096
Mcneely BU: 8255
MacNeil M: 19
McNeill T: 5739
McNeur JC: 5735
McNicol GP: 1649–1650, 1969–1970, 2708
McPeak DW: 5740
McPhedran P: 1384
McPherson J: 10294
MacPherson JL: 6733, 8279
McPherson RA: 5741
Macq J: 2699
McQuaid MP: 587
McRitchie RJ: 5742

McRoberts MJ: 1579
McRorie RA: 1118
McSherry BJ: 2712
MacSween JM: 2751
McSweeney J: 5376
McTaggart DR: 5743
McVerry B: 10264
McVerry BA: 5389, 5744
McWilliams DR: 5175
McWilliams HL: 5745
Mączyński B: 5746
Madar Z: 5747
Madaras F: 4767
Madayag MA: 170
Madden JL: 5288–5289
Maddox K: 5748
Maddrey WC: 4572
Madduri SD: 4118
Maderspach K: 5749
Madewell JE: 5750
Madler JJ: 5751
Madsen PO: 7469
Madzhagaladze GV: 5786
Mae H: 63
Maeda T: 5752
Maekawa N: 4183
Maekawa T: 2858
Mäenpää PH: 5753
Maess M: 5754–5755
Maestracci D: 7514
Maestracci P: 5756
Maestri O: 7313
Maezawa H: 6728
Maffei FH: 9181
Magalini SI: 983
Magallon M: 5945
Magallon Vera MV: 2960
Magee AI: 3805
Mager PP: 5757
Maggi U: 8246
Magha A: 7305
Magnan J: 7538
Magnard G: 996
Magni G: 5758
Magnier S: 3050
Magnusson S: 429, 5759
Magovern GJ: 5760, 7788
Magretova NN: 8465
Magrini U: 5761
Magyar Z: 9004
Mahadoo J: 4281–4282
Mahajan SK: 8519
Mahaley MS: 4509
Mahalingam K: 1819–1820
Mahammad SF: 1619
Mahan LC: 9621
Mahaut O: 7032
Maher JT: 5762
Mahieu F: 2199
Mahieu P: 7460
Mahlberg FA: 5763
Mahley RW: 5764
Mahmood K: 5765
Mahmoud M: 2914
Mahmoud SA: 5766
Mahn I: 5767–5768, 5768–5769
Mahon A: 1365
Mahoney J: 1360
Mahony JF: 9797
Mahowald ML: 5770
Mährlein W: 3666
Maiat VS: 5771
Maigret P: 1095
Maimunkov K: 5772
Mainardi CL: 9893
Maingon R: 269
Mair D: 1046
Mair G: 7431
Mairano S: 5595
Mais RF: 6782
Maisonneuve P: 5773, 8936
Maistre B: 7637
Maita T: 5991
Majane EA: 10127
Majerus PW: 5774, 6198, 8469
Majewski BB: 5775
Majewski F: 5776
Majka A: 2996, 2998
Majno G: 816, 1077, 7864
Majolino I: 6525
Májský A: 648, 3969, 5777, 9439
Majumdar AP: 5778
Majumder GC: 5779
Mak AS: 5780
Mak D: 5781
Mak L: 5782
Makarevich IaA: 5783–5784, 5784–5785
Makarov AA: 5786
Makarov NA: 4912
Makarov AIu: 5787
Makarova LF: 6533
Makarova VG: 5788
Makarova IuIa: 5789
Makary AZ: 5790
Makatsariia AD: 4742
Mäkelä O: 7915
Makevnina LG: 7028
Makhatadze IK: 5791
Makheja AN: 439
Makhlis TA: 5643–5644
Maki DG: 64, 5792
Maki Y: 10164
Makinen MW: 5793
Mäkinen T: 5794
Makino H: 5795, 7908
Makinskiĭ AI: 7423
Maklova TG: 4545
Makova NS: 5796
Makshanov IIa: 5797
Maksimova RA: 5798, 6971, 8801–8802
Mala A: 5492
Malafosse M: 5799
Malagelada JR: 2164–2165
Malaia LT: 5800
Malakhov SF: 5801
Malakhova EA: 4095, 5802
Malamani GD: 6525
Malanowicz W: 5803
Malarska A: 6720
Mal'chenko GA: 5804
Malcolm AD: 5805
Malczak HT: 5806
Maldonado JE: 7228
Maldonado R: 7418
Maleev VV: 1177
Maleeva II: 8925
Málek P: 4832
Malešević M: 5807
Malewiak MI: 2027
Malherbe M: 1467
Malhotra KC: 6408
Malhotra S: 4998
Malik AB: 5808–5809
Malik KU: 9150
Malik LN: 8818
Malik M: 5103
Malik MN: 5810
Malik N: 5811–5812
Malinina LI: 2472
Malinovskaia SIa: 8016
Malinskiĭ DM: 4686
Mališ F: 4539, 5813–5814
Maliutina AG: 8013
Malkey C: 2746
Malkinson FD: 4598, 8899
Málková D: 9626
Mallen FJ: 7120
Mallick NP: 5815, 8590
Mallion JM: 7002
Malm J: 5816
Malmlund HO: 421
Malmsten C: 1637, 5817, 7961
Malmström A: 5472
Malogne LA: 1713
Maloletkina LA: 5818
Malone PC: 5819
Maloney JV Jr: 6836
Malov GA: 5820
Malova EL: 8465
Malthouse G: 7051
Malver EI: 3607
Malysheva AA: 5821, 6015
Mamaeva GG: 8702
Mamakeev MM: 5822
Mamedov MB: 3432
Mamelle JC: 3119
Mamere L: 7429
Mamman I: 8007
Mammen EF: 5823–5824, 5824–5825, 8422
Mammon Z: 3424
Mamontova TV: 10248
Mamrack MD: 5826
Man B: 5827
Man D: 6200
Manaka S: 5828
Manasek FJ: 5829, 8005
Manasia M: 5830
Mancini AF: 5831–5832, 5832–5833
Mancini M: 7812
Manclark CR: 3825
Mancs P: 9495
Mancuso G: 472, 2049
Mandalaki T: 1371, 2167, 5587, 5834–5835, 10129
Mandel B: 2089
Mandel EM: 2918
Mandel M: 2919
Mandel P: 4379, 6216
Mandel SD: 4566
Mandel SR: 5231
Mandell AI: 4372
Mandelli F: 5836, 6047
Mandle R Jr: 4503, 5837
Mandle RJ: 5838
Manera E: 1435
Manferrari M: 2540
Manfredi A: 7089
Manfredi F: 9112
Manganelli P: 168
Mani A: 5839
Mani RL: 5840
Mani Y: 2373
Manikhas GM: 8363
Maniscalco BS: 5841
Maniscalco RM: 7354
Maniţiu PI: 5830
Manjula BN: 33, 5842
Man'kova MD: 5843
Mankowitz BJ: 3111
Mann FD: 5844
Mann JI: 3963
Mann K: 3021
Mann KG: 1336, 5626, 5845, 6850, 7370
Mann NS: 3593
Mann W: 5846
Mannherz KH: 9894
Mannick JA: 4364
Mannino FL: 5847
Mannoni P: 5848–5850
Mannucci PM: 5851–5857, 7005, 7836
Manny J: 5858
Manny N: 5858
Manouar ME: 5001
Mansberger AR Jr: 10074
Manseau EJ: 2313
Mansell PW: 7010
Mansueto S: 8031
Mant MJ: 5859–5860, 10157
Mantegazza P: 7188
Mantero F: 5280
Manthorpe R: 3613
Mantovani G: 9263
Mantsurov NE: 2227
Manuel C: 440
Manuel ES: 5861
Manusharova RA: 5862
Many A: 8301
Maples JA: 5863, 6668
Mar F: 5864, 7861
Mara B: 3371
Mara JE: 5865
Maraeva OB: 6587
Maragall S: 1454, 1653, 3346
Maraldi NM: 1673
Marana E: 983
Maranda B: 3924
Marañon A: 7740
Maraschio P: 9623
Marbet GA: 2276, 2278
Marbury T: 1360
Marca L: 5866
Marcadé LE: 5867
Marcazzan E: 2725, 7117
Marcel GA: 5868
Marcelle R: 2700
Marcelli A: 5869
Marchal H: 130

Marchand J: 2696
Marche C: 962
Marchesi E: 7560
Marchesi G: 6994
Marchesi VT: 303, 8360
Marchi A: 5973
Marchin GL: 6426
Marchionni LD: 8694
Marciniszyn J Jr: 5870
Marco L: 3136
Marcoz JP: 5871
Marcsek M: 2142, 5479
Marcus AJ: 5872
Marcus DM: 6498
Marcus RG: 10295
Marcuzzi G: 5873
Marczynska B: 5056
Marder R: 5874
Marder RJ: 5875
Marder V: 7540–7541
Marder VJ: 293, 1262, 5876–5878
Mårdh PA: 7647
Marengo-Rowe AJ: 5879
Marennikova SS: 5880
Mares-Guia M: 5881
Marescaux J: 3384
Maret SM: 3858
Maretto G: 2049
Margairaz A: 4284–4285
Margalit R: 3101, 5882
Margent P: 7482
Margit P: 4195
Margolese R: 2673
Margoliash E: 1408, 9912
Margolina AN: 72, 280
Margolina NA: 7810, 8299
Margolis IB: 5883
Margolis MG: 5884
Margolis S: 5885
Margolius HS: 3580, 4550, 5886, 10275
Marguerie G: 2963, 5887
Margulis MS: 5888
Mariani G: 5889, 6047
Mariano MI: 6128
Marie J: 5890
Marin J: 7692
Marin MZ: 3093
Marinakis A: 5205
Marinetti TD: 5891–5892
Marinić S: 8597
Marion D: 9213
Marjanović B: 5893
Marjason JP: 1354
Mark H: 5024
Mark HB Jr: 9645
Markel DE: 5088
Markelova NIu: 4201
Markham R: 4259
Markham RJ: 5894
Markidou SG: 4105
Markland FS: 412, 5895–5896, 5896
Markland FS Jr: 5897
Markley JL: 4108
Marklund SE: 6842
Marko OP: 9375
Markosian AA: 5898
Markosian RA: 1020, 5506, 5898
Markovits P: 5403
Markovski S: 5899
Marks B: 9690
Marks DB: 5900
Marks IN: 488
Marks N: 718, 4246, 5901–5902
Marks P: 2446, 3097
Markus G: 5903
Markus J: 605
Markvardm F: 5904
Markvardt F: 555, 4775
Markwardt F: 3698, 5905–5908, 6719, 8900–8903, 9765–9766
Marmasse J: 5909
Marmer DJ: 3724
Marmion BP: 1311
Marmion LC: 5910
Marmont AM: 1403
Marmor L: 5911–5912, 5912
Marmur A: 5913–5914, 7823–7824
Marniemi J: 7011
Marochkin VS: 9454
Marois, M: 3481
Maroñas JM: 5915–5916
Marosi Z: 5917
Maroux S: 508, 9520
Marple RN: 8260
Marquardt I: 5218
Marquardt RR: 9789
Marquet J: 2040
Marquez ED: 5918
Marquis A: 130
Marquis G: 7010
Marsault C: 1127
Marsh BT: 5919
Marsh WL: 4089
Marshak RKh: 5920
Marshall AJ: 1296
Marshall EF: 5921
Marshall FF: 5922
Marshall FN: 5923
Marshall GR: 4006
Marshall J: 9179
Marshall JJ: 5924
Marshall LR: 5925, 6584
Marshall LW: 6595
Marshall M: 3817, 5926–5928
Marshall MR: 4727
Marshall WH: 2550
Marshall WH Jr: 5929
Marsheck WJ: 6999
Marsol P: 5781
Martelo OJ: 7320
Martens AC: 7777
Martenson RE: 6693
Marthouret M: 5930
Marti MC: 5931
Mart'ianov BM: 8750
Mart'ianov SG: 5932
Martignon C: 7566
Martin BM: 5933
Martin C: 407
Martin CE: 2034
Martin E: 7130
Martin G: 6570
Martin GJ: 5934
Martin H: 2590
Martin J: 3910
Martin JF: 1675, 8052–8053
Martin JP: 4682, 5935, 9788
Martin KJ: 5936
Martin L: 5937
Martin M: 368, 1003, 5938–5946
Martin NF: 6452
Martin R: 5944
Martin RB: 10143
Martin TJ: 790
Martin U: 5938, 5943
Martin V: 1238
Martin-Villar J: 5945, 7738
Martinek H: 7029
Martinek K: 727–728, 4787–4788
Martinelli G: 140, 611
Martinenko FP: 5946
Martinetti L: 5947
Martínez G: 3253
Martinez J: 5948, 6957, 7980, 9100
Martínez Canaveri A: 5259
Martinez-Carrion M: 8580
Martínez Verduch M: 7328
Martini A: 5949
Martinkenas GI: 5951
Martinović K: 5807
Martins AN: 8231
Martins AR: 6844
Martius F: 5950
Martsinkiavichius AM: 5951
Martucci RC: 6592
Marty F: 1501
Marty L: 7379
Marty ML: 7980, 9100, 9549
Martynova MI: 9613
Marukawa S: 3709
Maruyama I: 5952
Maruyama Y: 5953
Marx FJ: 2402, 5954, 8090
Marx R: 5955–5956
Marxen F: 5958–5959
Marxer A: 5960
Marxer M: 4470
Mary DA: 4155
Mary H: 5961
Marzec U: 5391
Marzinzig E: 10029
Marzoll I: 8105
Mas A: 1653
Masajev PN: 5962–5963
Maschio G: 7375
Masdeu S: 2825, 7739, 7816
Masera G: 1412, 5973
Mashiach I: 3012
Mashiach S: 3012
Mashiko N: 7913
Mashizu N: 8917
Mashkov OA: 6071
Masi AT: 323
Masip JP: 1434
Maskrey P: 5964
Maslenikov V: 3237
Maslennikov OV: 5821, 6015
Maśliński C: 1880
Maslova TM: 7025
Mason AD Jr: 8575
Mason DH Jr: 5965
Mason H: 1011
Mason RA: 7381
Mason RG: 1619, 5966–5967, 6253, 10136
Mason SJ: 5968
Masoro EJ: 5969
Masouredis SP: 9621
Masri MS: 747
Mass MF: 3691
Mass N: 1012
Massalski WK: 9952
Massari PU: 4718
Massaro ER: 5970
Massaro TA: 3169–3170, 5971
Masse M: 3814
Masse R: 10171–10172
Massie IB: 8610
Massimo L: 5972–5973
Massini P: 5633
Massobrio M: 5974
Massolo F: 9068–9069
Massolo I: 5973
Masson B: 7429
Masson JK: 5335, 10061
Masson P: 1709
Masson PL: 5632
Masson-Pévet M: 5975
Massoubre L: 3191
Massoulié J: 5976
Massry SG: 5520–5521
Mastilović B: 5977
Masuda K: 4583, 5978
Masure R: 6319
Mata LA: 8682
Mataika J: 5030
Matches J: 2160
Maternik Z: 1874
Mather SJ: 5979
Matheson NR: 5980
Matheson RR Jr: 5981
Matheson RT: 5982
Mathews HL: 6021
Mathews HW: 5983
Mathews JB: 4308
Mathews MB: 5501
Mathews RE: 6878
Mathewson HS: 5984
Mathiesen FR: 5985, 9776
Mathieu LG: 2080, 5986
Mathieu P: 1035, 5349, 8326–8328, 8327–8328, 8330
Mathur SB: 809
Matile A: 1806
Matjasko MJ: 5987
Matloff JM: 5988
Mato M: 5989–5990
Matoušová: 1632
Matschiner JT: 4814
Matsevich GR: 5880
Matsubara H: 3669
Matsubara I: 9396
Matsubara Y: 2865
Matsuda G: 5991
Matsuda M: 266, 5992–5994, 10163
Matsuda T: 4556, 5995–5997, 6000, 8918
Matsuda Y: 5998, 6329
Matsumoto E: 4116

Matsumoto H: 5999
Matsumoto M: 9052–9053
Matsumura S: 6000
Matsunaga K: 6004
Matsunaga Y: 2891
Matsuo M: 6000
Matsuo O: 6001–6005, 6003
Matsuo T: 6004
Matsuoka M: 6005, 7919, 7922
Matsuoka N: 3970, 7905
Matsuoka S: 6006
Matsushima A: 4142
Matsushima T: 6007, 9142
Matsushima Y: 8430
Matsushita S: 5080
Matt EM: 6008
Mattei C: 9227
Mattei M: 7505
Mattei MF: 1357–1358
Mattel MF: 7792
Matteson SR: 5024
Mattey WE: 7785
Matthaeus W: 4910
Matthews F: 1339
Matthews JM: 7666
Matthews P: 9924
Matthews PG: 4366
Matthias FR: 4800–4801, 6009–6011, 7556
Matthijs E: 425
Matthijse-Dekker A: 2464
Matthijsen R: 808
Mattiasson B: 4349, 6361
Mattie H: 9524
Mattila MA: 4082
Mattingly SJ: 8860
Mattsby I: 7869
Mattson JC: 6012
Mattson JS: 6013
Mattsson W: 353, 355
Matty AJ: 436
Matusis II: 6014
Matusova AP: 6015
Matveev IuV: 3275
Matveeva LS: 1533
Matveĭkov GP: 6016
Matysik G: 8640
Mauersberger W: 6017
Mauk AG: 9050
Mauk MR: 9050
Maul ED: 6018
Maull KI: 3400, 6019
Maurat JP: 7798
Maurer HM: 6020
Maurer PC: 6744
Maurice M: 2589
Maurice P: 6922–6923
Mauro C: 7838
Mautner V: 131
Mauvais-Jarvis P: 573
Maxey B: 1536
Maxie LL: 4478
Maxim PE: 6021
May FE: 6022
May H: 6023
May HV Jr: 6024
May R: 6025–6029, 6027
Mayans J: 9549
Mayans JR: 9100
Maycock WA: 2429
Mayer C: 6028
Mayer G: 6029–6030, 8147, 8169
Mayer JW: 6031
Mayer K: 6032
Mayer L: 2152
Mayer M: 6033–6034, 6425
Mayer MM: 3590
Mayer S: 6028–6029
Maynard JR: 6035–6037
Mayou B: 1304
Mayrhofer E: 6038
Mayser B: 6400
Mazaev AS: 8348
Mazaev AV: 1533
Mazaev PN: 6039
Mazák J: 6040
Mazeman E: 6041
Mazo JD: 1099
Mazor D: 6123
Mazur P: 6042, 6174
Mazure CM: 3068
Mazurier C: 3313, 6043
Mazurier J: 4378
Mazurik MF: 6044
Mazurin AV: 6045
Mazurina OG: 9434
Mazza G: 9884
Mazza L: 8280
Mazzacoratti N: 7955
Mazzi E: 6046
Mazzola R: 1265
Mazzone A: 2871
Mazzuca M: 2554
Mazzucconi MG: 6047
Mead RT: 1408
Meade TW: 1207, 6048–6049
Meads EB: 7249
Means GE: 7597
Mearns AJ: 82
Meberg A: 6050–6051
Mecca G: 7561
Méchali P: 379
Mecham R: 6052
Mecham RP: 6053
Medén-Britth G: 6054
Medenica R: 6055
Medici TC: 6056
Medicus RG: 1118, 6057
Medina VM: 3145
Medinskaia AI: 4692
Medkova IL: 8603
Medunitsyn NV: 6058
Medved' RI: 6998
Medvedev PM: 6371
Medvedeva TF: 9636
Meek ES: 6756
Meeks W: 3644
Meerbach W: 5905, 6059
Meerbakh B: 4776
Meese W: 3460, 9887
Meffin PJ: 889
Megaffin BB: 6060
Megahed SM: 2124
Meged' NF: 9567, 9569
Megha A: 2103, 7306
Mego JL: 2548
Meguro T: 6061
Mehl M: 2260
Mehregan AH: 6062
Mehrishi JN: 6063
Mehta S: 1314
Mei V: 5832
Meienhofer J: 3223
Meier HL: 4503, 6064
Meier-Cabell E: 4501
Meinertz H: 2541
Meinertz I: 4255
Meinertz T: 4254
Meisels HI: 7156
Meisner H: 3550, 8879
Meissner AG: 6065
Meister MM: 6066
Meister W: 711
Mejbaum-Katzenellenbogen W: 9995
Melcher AH: 1218
Melchior JC: 4326
Melendez M: 721
Melenteva VV: 3266
Meleshchenko AA: 6067
Meleshevich AV: 5797
Meleshin SV: 6068
Meleshina OB: 6068
Melester TS: 10015
Melki F: 1520
Melkikian NA: 73
Meller K: 2086
Mellière D: 6069
Mellin HE: 3918
Mellits ED: 2349
Mellon PJ: 8496
Mel'man VM: 10211
Mel'man NIa: 6070
Melničák P: 4918
Mel'nik IP: 6071
Mel'nikov AF: 6072–6074
Melnikova AF: 6207
Mel'nikova LA: 4968
Mel'nikova VN: 4534, 6075
Melo R: 7408
Meloen RH: 6076
Melrose DG: 4817, 6077, 7160
Melson GL: 2017, 6078
Meltz SK: 576, 5629
Melville GN: 4157
Memon MS: 578, 6079
Ménaché D: 3488, 6368
Menache R: 1828
Menahem H: 1652
Menard D: 1068, 1818
Menasche P: 6080
Menashi S: 6081
Menassé-Gdynia R: 5021
Mencia-Huerta JM: 719
Mende TJ: 3233
Mendelsohn D: 3244, 4998
Mendelsohn G: 6082
Mendelson CR: 6083
Mendelson J: 3430
Mendez E: 5145
Mendez-Picon G: 5295
Mendler N: 3550
Mendonça JP: 1453
Mendy F: 3127
Mendzheritskiĭ IM: 270
Menegatti E: 6084
Meng CH: 8776
Mengoli HF: 6021
Menichelli A: 2049–2050, 7380
Menkes HA: 1683
Menn GL: 10172
Menné T: 6085
Menne W: 574
Mennear JH: 6086
Menninger H: 5026
Menon M: 6087–6088, 6088
Menon PV: 6089
Mensah A: 3479
Men'shikov VV: 8702
Menzies RE: 6090
Mercadante G: 6091
Mercante G: 978
Mercanti D: 6092
Mercier C: 4002, 6093–6094
Mercier JC: 1156–1157, 6095–6096, 6096
Mercier P: 7514
Meredith P: 413
Mergui A: 9610
Merhav A: 4442
Merino J: 2957–2959, 6097
Merkel FK: 5380
Merkel H: 5767
Merkin TE: 6098
Merkus FW: 9489
Merland JJ: 9610
Merlat M: 7589
Merle P: 4289
Merlevede W: 2019
Mermon R: 4704
Merrill EW: 7103
Merrill W: 6099
Merriman CR: 6100
Merry AH: 7101
Mersch-Baumert K: 6401
Mersten A: 6390
Mertvetsov NP: 6101
Mertz ET: 1571
Merville C: 2231, 6102
Méry JP: 6103
Mery JPh: 6104
Meryman HT: 6105–6109, 6107
Mesa AV: 3908
Meskó E: 1129
Mesrob BK: 8831
Messer W: 3564
Messeter L: 6108
Messing P: 6109
Messmer BJ: 6110
Messmer K: 6111–6112, 6112
Mestchkina AIa: 4467
Mestecky J: 6113
Metcalf BW: 5499
Metelitsa VI: 6114
Methfessel J: 6115
Metter GE: 9871
Metz J: 6116
Metz L: 3830
Metzger JF: 8701
Metzler U: 6117

Meudt R: 8207
Meyer D: 4316, 5238
Meyer FA: 6118
Meyer FU: 6119
Meyer H: 2530, 4279
Meyer JH: 5699
Meyer LJ: 632
Meyer M: 2693
Meyer V: 6120
Meyer W: 4510
Meyers C: 6121
Meyers JD: 6122
Meyers KM: 8054
Meyerstein N: 6123
Meylan P: 5195
Meyrick B: 7544
Meyrier A: 297
Meythaler H: 3543
Meza E: 1872
Mezhlumian LM: 6238
Mezzano D: 6124
Mgeladze GN: 5786
Miagkaia IP: 6125
Miale TD: 6126
Mianniste IuE: 6127
Miasnikova IG: 8016
Mibashan RS: 3240
Mićanović V: 4513
Micco P: 299
Miceli DC: 6128
Michael AF: 4717, 9558
Michael J: 6129
Michael JG: 1931, 9703
Michaeli D: 6883
Michaelsen TE: 6130–6131
Michailow R: 6132
Michajlik A: 6133
Michal F: 5225, 6377
Michalak T: 4957
Michalak S■: 9093
Michalke WD: 6134
Michalski R: 1347, 6135, 7256, 9182
Michas CA: 2109
Michaux JL: 8646
Michaux P: 1462
Micheau C: 6136
Michel A: 6137
Michel C: 6138
Michel G: 302, 1630–1631, 9448
Michel H: 636, 1363, 9252
Michel SL: 6315
Michel-Béchet M: 9473
Michelazzi L: 2601
Michelson AM: 3231
Michelson PA: 6139
Michenfelder JD: 6140
Michie DD: 6141
Middlebrook JL: 8701
Middleton AW Jr: 6142
Midgley AR Jr: 2092
Midha KK: 6143
Miękoś E: 6144
Mielke CH: 6145
Mielke CH Jr: 3744, 6146–6147, 7714
Mietens C: 3897
Miętkiewski J: 7000
Migasena P: 8065
Miglio F: 1672
Migne J: 5264
Mignon-Conte M: 6879
Mignone F: 1565
Mihail A: 6148
Mihalcu F: 6149
Mihály B: 3082
Mihalyi E: 6150, 8458
Mihama H: 4142
Mihara H: 6001–6005, 6003
Mihatsch MJ: 8550
Mihm MC Jr: 2312, 6151
Miholics E: 7131
Mikaïlenko ET: 7056
Mikami S: 2860–2861
Mikami T: 2865
Mikel T: 7757
Mikeš A: 1124
Mikhail GR: 6152
Mikhaĭlenko ET: 6153–6154, 7337
Mikhaĭliuk IA: 5061, 6224
Mikhailov P: 6155
Mikhailova ND: 3513
Mikhaĭlova V: 9556
Mikheeva TG: 9543
Mikhnovich EP: 4534, 6075, 6552
Mikhova M: 4691
Mikler F: 7003
Mikliaev IIu: 5800
Mikucka B: 7400
Mikuláš J: 6156
Mikuláštik J: 6157
Mikulewicz W: 1490
Mikuliček I: 6157
Milanesi P: 8245
Milani S: 2793
Milanović LJ: 5977
Milazzotto F: 4243
Mil'chenko VN: 10253
Milde JH: 6140
Milenkov Kh: 4100
Milford AF: 5370
Mil'gram BR: 6158, 6197
Milgram JW: 6159
Milić N: 5596
Milic S: 6160
Millar RP: 6161
Miller AW: 5380
Miller B: 2370
Miller CE: 6162
Miller CG: 6163
Miller CH: 3332
Miller CW: 1343
Miller D: 8594
Miller DL: 1817, 5236
Miller DR: 5982
Miller E: 4063, 4672
Miller EJ: 1340
Miller FJ: 6614
Miller GA: 6164–6165
Miller HJ: 10278
Miller J: 6836, 9865
Miller JB: 6166
Miller JD: 6167
Miller JH: 6168
Miller K: 4717
Miller KD: 6169
Miller L: 6449
Miller LH: 5968, 6170
Miller LL: 6171
Miller MA: 3466, 5599
Miller ME: 7684
Miller MP: 1706
Miller OV: 3293, 6172
Miller P: 4987
Miller R: 6173
Miller RG: 7314
Miller RH: 6174
Miller RJ: 6175
Miller SH: 4348, 6176
Miller SP: 4422
Miller SS: 5019
Miller SW: 8742
Miller WA: 6177
Miller WC: 2969
Miller WV: 8497
Miller-Andersson M: 6054, 6910
Milleret P: 1730, 6178
Milleret R: 317
Millet J: 6179
Millet L: 2113
Millett F: 8761
Milligan FD: 1863
Milligan TW: 8860
Millis NF: 4207
Millman M: 1197, 6642
Mills DC: 9761
Mills GL: 6180
Mills IH: 2420, 6181–6183
Mills JB: 3829, 4928
Mills JG: 3099
Mills KH: 437
Milman G: 6184
Milman HA: 1753
Milner GR: 6185
Miloszewski K: 1852
Milsom DW: 8807
Milton PJ: 1682
Milutinovich J: 6186
Mims JA: 6187
Mimunkov K: 6188
Mimura N: 4828
Min KW: 7815
Minaire Y: 6189
Minakami S: 10137
Minakata K: 8000, 8939
Minami JY: 4549
Minard P: 6190, 6457
Minassian H: 4027
Minervina SS: 4107
Minetti B: 6202
Minger AM: 6191
Mingers AM: 6192–6195
Mingrino F: 8506
Minick CR: 6196
Minick R: 4399
Minin AN: 6158, 6197
Minina LT: 5428
Mink IB: 177–178
Minkes M: 6198, 6555
Minkowski A: 7558–7559
Minna JD: 1720
Minoda I: 6231
Minsker DH: 6199
Minta JO: 6200, 6385
Minteer M: 1092
Mintz P: 3786
Mintz U: 6201
Mioduszewska O: 9011
Miotti AB: 4994
Miquel C: 2825
Miragliotta G: 2025, 6202
Miralles Marrero R: 7844
Miranda AA: 6203
Miranda F: 624
Mirčevska D: 6204
Mirčevski M: 6204
Mirgorodskaia OA: 948–949
Mirhom R: 2439
Miripol JE: 6205
Mirkamalova EG: 579
Mirkovitch V: 7967–7968, 7968
Miron T: 9960
Mironchik VIu: 5797
Mironova IB: 6875
Mirrakhimov MM: 3410, 6206
Mirtursunova SZ: 10210
Mirzabekov AD: 6207
Mirzaev MA: 3325
Mirzoian SN: 6208
Misaki T: 3884
Miscusi G: 6291
Mišev B: 282
Mishchenko FF: 1558
Mishchenko VI: 6211
Mishchenko VP: 5110, 5113, 6209–6211
Mishina Y: 10112
Mishkin FS: 6621
Mishler JM: 4272, 6212–6213
Mishler JM 4th: 6214
Misnik VI: 8876
Misra D: 6215
Misra PK: 6405
Misra RC: 6215
Misrahi R: 4605
Missala K: 8685
Missioux D: 1330
Misslin R: 6216
Mitani M: 6217
Mitchell CD: 6709
Mitchell GW Jr: 48
Mitchell HL: 6218
Mitchell JF: 6219
Mitchell JR: 6343–6344, 6344–6348
Mitchell TR: 6220
Mitchenko IK: 9571
Mitchison NA: 6468
Miterev IuG: 6221
Mitev L: 8598
Mitrofanov EI: 5092
Mitrofanov GG: 7399
Mitrokhina LA: 2323
Mitropol'skiĭ AN: 6222
Mitrović M: 4513
Mitsch A: 1295
Mitsenko MD: 5061, 6223–6224
Mitsudo SM: 1112
Mitsukawa S: 6225
Mitsunari Y: 4176
Mittal KK: 2608, 3355

Mittapalli MR: 6226
Mittelman A: 1473
Mitterstieler G: 6227
Mittman C: 6228
Miura N: 6229
Miura Y: 6230
Miwa GT: 9194
Miyaji K: 6800
Miyama A: 6231
Miyama H: 6232
Miyamoto Y: 9034
Miyanaga Y: 6233
Miyanishi E: 10104
Miyao S: 9056
Miyata M: 9391
Miyatake A: 10169
Miyazaki E: 5999
Miyazaki I: 6504
Miyazaki K: 5998, 6329
Miyazaki S: 6234
Mizinov KN: 7001
Mizokami T: 4581
Mizon JP: 6235
Mizrachi Y: 3012
Mizuhira V: 1895
Mizukami Y: 6236
Mizuno F: 6506
Mizuno S: 9041
Mizushima S: 6509
Mizuta K: 6237
Mizutani T: 6233
Mjos OD: 3150
Mkhitarian LS: 6125
Mkhitarian VG: 2, 6238
Mkrtumova NA: 5862
Mladenovska G: 6239
Mlczoch J: 6240, 9866
Młodkowska A: 4958
Mlynek HJ: 6241
Moake JL: 4447, 6242–6243
Moar MH: 8486
Mobbs JD: 1296
Mobley WC: 6244
Mocquot G: 2113
Mód A: 3931
Modan B: 6245
Modan M: 4186, 6245
Mödder G: 1004
Mödder U: 2813, 9427
Modéer: 6246
Modéer T: 6247, 8641
Modrak JB: 5194
Modrzewski K: 6248
Modyanov NN: 6927
Moe HK: 1218
Moe JB: 6370
Moelling K: 6249
Moertel CG: 2164–2165, 5674
Moesch RV: 177
Moffatt TL: 6250
Mogavero S: 471
Mogg RA: 6251
Mogila TV: 8546
Mogilevskiĭ ZB: 4453
Mogil'nyĭ VA: 8463
Mohamed FA: 6252
Mohammad SF: 5966–5967, 6253
Mohan AP: 1497
Mohandas N: 6254
Mohandas T: 5658–5659
Mohanty D: 3504
Mohiuddin SM: 8556
Möhler H: 6255
Mohn GR: 8238
Mohr U: 7351–7352, 7352
Mohsin M: 6256
Mohyuddin M: 6257
Moinade S: 9152
Moinuddin M: 383, 7698
Moir AJ: 6258
Moir DC: 1617, 1839
Moissl G: 6484
Moisson P: 10020
Mojica-a T: 6259
Mokka RE: 4456–4457
Molaro G: 2055
Molchanova LV: 5063
Mölder V: 9364
Mole JE: 818, 6260
Moles JB: 6394
Molica SJ: 4737
Molinari E: 9319
Molinari ML: 6261
Molinelli G: 6262
Molinié C: 2514
Moll J: 4417
Möller G: 7127
Molloy JC: 6263
Molnar J: 6264
Molodenkov MN: 6071
Mombelli G: 6265
Momii RK: 3277
Momose Y: 6443
Monaghan M: 6266
Monahan TM: 6267
Monaselidze DR: 5786
Monastyrskiĭ VA: 6268–6269
Moncada S: 3842, 6270–6272, 6271–6273, 6649, 9102
Mondino BJ: 4651, 6274
Mondo F: 5974
Mondola P: 783
Moneret-Vautrin D: 5253
Moneta E: 6275
Monetti MG: 6276
Monget D: 6532
Mongiat F: 2757
Mongin M: 299, 2225
Monier C: 6277
Monier D: 6381
Mönig H: 6575
Moniuszko-Jakoniuk J: 6278–6280, 6279–6282, 9093
Monnier JP: 1556
Monod R: 7589
Monroy A: 2068
Monsallier JF: 6283
Montague E: 1726
Montal M: 4796
Montani A: 6284
Montano G: 9215
Montaut J: 7179
Montedoro G: 6285
Montero Domínguez J: 6286
Montgomery C: 7510
Montgomery DA: 1320
Montgomery R: 6287
Montgomery RR: 3691
Monti M: 6108, 6288–6290
Montigel C: 2143
Montis T: 3346
Montmory C: 3087
Montori A: 6291
Montoro J: 9549
Montorsi W: 6292
Montreuil J: 4378
Moody A: 4600
Moody AJ: 4238
Moolgaoker AS: 6293
Moon C: 8257
Moon TE: 1726
Mooney LR: 8705
Mooney RA: 6294
Moor BJ: 9734
Moore A: 6295
Moore CB: 4365
Moore G: 6296
Moore GL: 6297
Moore HV: 7817
Moore IB: 1971
Moore J: 5374
Moore K: 6298
Moore L: 6299
Moore MR: 9659
Moore RH: 178
Moore S: 2694, 6300, 9388
Moore WH: 4318
Moore WS: 7747
Moorhead JD: 6301
Moorjani S: 2920, 6302
Moosa A: 9980
Moosauer M: 6303
Moraes SB: 1453
Morales L: 163
Morales TI: 6304
Morales Pérez R: 6730
Morales Polanco MR: 7244
Moran J: 3306, 9208
Morandini GC: 3345
Morani A: 821
Moraru G: 7322
Morasca: 2193
Morasca L: 2212
Moraski RE: 7725
Morawetz F: 5484
Morcamp D: 6235
Morcos SR: 2904, 6305
More JD: 4027
More RH: 4313
Morea M: 1489
Moreau M: 3477
Moreau-Gachelin F: 6306
Morel M: 7797
Morel Maroger A: 6307
Morel-Maroger L: 297, 4490, 6103
Moreland M: 4290
Morell A: 505
Morelli A: 6308
Morelli JF: 9911
Moreno E: 588
Moreno M: 2509
Moreno-Cabral R: 6309
Moreno Resina B: 5220
Moretti G: 6310
Moretti JL: 6311
Moretz WH: 10074
Morgagni GL: 6312
Morgagni W: 6312
Morgan E: 2314
Morgan FJ: 6313
Morgan HR: 8691
Morgan JE: 5363
Morgan JI: 1108
Morganstern S: 6314
Morgenstern L: 6315–6316
Mori A: 9052
Mori G: 2110
Mori H: 3878
Mori K: 2839, 6317
Mori M: 10119
Mori PG: 5972–5973
Mori W: 6318
Mori Y: 4111, 4175, 6232
Moriau M: 6319
Morihara K: 6320–6322
Morikawa M: 6323
Morimasa T: 9053
Morimoto K: 3018
Morin CL: 6324, 9494
Morin Y: 5491
Morin-Coutu F: 6325
Morinaga N: 4540
Morino T: 3496
Morioka T: 4154, 10138
Morisawa N: 4163
Morisot P: 1732, 6326
Morisset J: 1119, 5204
Morita J: 6327
Morita T: 6513, 8001
Moritz VE: 6328
Moriwaki C: 569, 3923–3924, 5998, 6329–6330
Moriya H: 3922–3923, 5998, 6329–6330
Moriyama T: 9010
Moriyasu N: 5083
Mörkrid L: 9687
Mörl M: 6331
Morland J: 6332
Morland M: 1201–1202, 4292
Morley G: 9690
Morley N: 6333
Morlock G: 7979
Moroi M: 266, 6334–6336, 6335–6336, 10163
Morosini S: 7089
Morosoli R: 6337
Morov GV: 10287
Moroz LA: 6338–6344
Moroz VN: 6342
Morozov VF: 7260
Morozova NA: 7025
Morphis LG: 7952
Morrelli HF: 1123
Morris AM: 6394
Morris CJ: 5819
Morris D: 22
Morris GC Jr: 5249
Morris GK: 3713, 6343–6344, 6344–6348
Morris HA: 8138

Morris JA: 6349–6350
Morris JE: 6351
Morris L: 7133
Morris WJ: 6352
Morrison B: 8397
Morrison BY: 1184
Morrison DC: 6630, 9403
Morrison ES: 5305
Morrison ND: 6353
Morrison WA: 6354
Morrissey GW: 5271
Morrissey JJ: 6355–6356
Mörsdorf K: 6357
Morselli PL: 820
Mortensen RF: 458
Mortensson W: 6358–6359
Morton DB: 6360
Morton DL: 10010
Morton JJ: 8316
Morton NE: 5728
Morton WA: 6735
Mosbach K: 4349, 4836, 6361
Moschos CB: 6362, 7530
Mościcka M: 5746
Moscona A: 4530
Moseley MH: 3829
Moser FG: 1546
Moser G: 6363–6364
Moser KM: 1092, 6365–6366, 8715
Moserová J: 6367
Mosesson MW: 490, 1542, 1546, 6368, 6442, 7223, 8759
Moshchich PS: 9567
Mosher DF: 4648, 6369–6370
Moshkin SA: 6371
Mosienko P: 459
Mosimann R: 1013–1014
Mosinger B: 9380
Moskal JR: 813
Moskvichev BV: 948–949
Mosolov VV: 580, 6372–6373
Moss DW: 9916
Mössinger P: 7451
Mösslacher H: 8576
Mostbeck A: 4704, 5539, 6374–6375
Moszczynski L: 4792
Mota FH: 6376
Motamed M: 6377
Motomiya T: 6378, 7976
Motovic A: 5827
Motson RW: 6379, 9836
Motte G: 3004
Moucharafieh BC: 6380
Moudrianakis EN: 2388
Mougeot-Martin M: 5020
Moulin G: 6381
Moullec J: 2263
Mouney DF: 5650
Mousli S: 6382
Mousty JC: 6383
Moutsopoulos H: 6384
Moutzouris C: 6974
Movat HZ: 1316, 1502–1504, 3532, 6200, 6385–6386
Movshovich BL: 6387
Moy GW: 9449
Moyer CE: 3758
Moylan JA: 6388
Moynahan LM: 9797
Moynihan AC: 2190
Mozes M: 9735
Mozhaĭshiĭ AM: 8750
Mrachkovskaia MN: 6389
Mraz F: 9007
Mriăk J: 6390
Mross GA: 1408, 9926
Mroziński S: 4791
Mruk K: 6391
Much T: 6392
Muchammedow A: 5050
Mücke H: 8717
Muckle TJ: 6393
Mudarov MS: 3412
Mudd SH: 9400
Mudie A: 6845
Muehrcke RC: 6394
Mueller C: 5409
Mueller DD: 7524
Mueller EA: 6395
Mueller K: 6011, 6396
Mueller-Eckhardt C: 3750–3751, 6397–6400, 6398–6401
Mueller-Eckhardt CM: 3752
Muggia M: 5317
Muh JP: 7460
Mühe E: 8183
Muhlrad A: 6402–6403
Mui PT: 6404
Muijsers AO: 1408
Mujeeb KA: 588
Mukawa K: 6318
Mukerji K: 6405
Mukhacheva IA: 6406
Mukhamedova MI: 4968
Mukhammedov A: 7707
Mukharliamov NM: 2351
Mukherjea RN: 6407
Mukherjee BN: 6408
Mukherjee KK: 7989
Mukhiddinova NG: 4518
Mukidi F: 6550
Mulcare RJ: 6409
Muldal S: 6185
Mulder DG: 6410, 6836
Muler H: 5781
Muliaev LF: 4676
Mulkey TF: 6411
Mullane K: 6272
Mullen DC: 5356
Müller A: 8216
Muller AD: 6412, 9513
Müller C: 6413–6414
Müller E: 1050, 3827, 6415
Müller F: 6416
Müller FE: 6417
Müller G: 6418
Muller HP: 9559
Müller HR: 3666
Müller I: 6427
Muller J: 7554
Müller JH: 6419–6420, 9728
Muller JM: 4061
Müller KM: 1009, 6421–6422
Müller L: 1054
Müller M: 4854, 6423
Müller MV: 6424
Müller N: 7326
Muller P: 3975
Müller R: 5329
Müller S: 8288
Müller T: 1004
Müller U: 574, 6425
Müller UR: 6426
Müller WE: 1194, 6427
Muller WH: 6428
Müller-Berghaus G: 3544, 4963, 5767–5769, 6429–6430
Müller-Eberhard HJ: 1990, 6057, 8181
Muller-Eberhard U: 4358
Müller-Enoch D: 9186
Müller-Oerlinghausen B: 3959
Müller-Wieland K: 4501, 6431
Müllertz S: 1612, 1655, 6432
Mulley GP: 3797
Mullick FG: 6433
Mullins GM: 6434
Mulloy B: 4356–4357
Mulyndina GI: 7852
Mumladze NI: 6654
Munaretto G: 978
Münchmeyer R: 8515
Munday KA: 7101
Mundy GR: 6435
Munemoto S: 4161
Mungas JE: 6436
Munilla García A: 5220
Munir M: 6437
Munne A: 163
Münnich W: 3530
Munns TW: 6438
Muñoz E: 1420
Muñóz JR: 9307
Munoz L: 6522
Muñoz R: 3268
Munro HN: 9715
Munro PA: 6439
Munson BO: 9838
Muntean W: 6440, 6466
Müntefering H: 1149
Muntz RH: 1740, 2261, 2407, 6441
Murachi T: 4721, 8983
Murai Y: 6236
Murakami M: 5080, 5997
Murakami T: 2848
Muralidhara KS: 3932
Murano G: 825, 2963, 6442
Murao M: 3672–3673
Murao S: 2854
Murashima N: 2860–2861
Murata F: 6443
Murata K: 6523
Murata R: 8002
Murata T: 6444
Muratani A: 6507
Murav'eva LI: 506
Murawska E: 5193
Murawski GF: 7689
Murdoch JM: 6445
Murena PF: 3086
Mürer EH: 6446
Muroff LR: 6447
Murphy D: 6448
Murphy DL: 640, 1246–1248, 1285, 1795–1798, 2218, 5153–5154, 5286, 6449–6452, 7523
Murphy EA: 8059
Murphy G: 7590, 8304
Murphy JJ: 562
Murphy JR: 6769
Murphy S: 46, 6453
Murphy TE: 7527
Murray AW: 6454
Murray C: 9993
Murray GE: 1760
Murray GF: 8746
Murray HW: 6455
Murray J: 6797
Murray JM: 6456
Murray-Lyon IM: 9905
Murrell KD: 6190, 6457
Murri L: 6458
Murthy GS: 33
Murzenok PP: 9671
Musa M: 1038
Musarov AL: 7447
Musca A: 473
Muscettola M: 934
Musialkivs'ka AO: 6459–6460
Musienko LP: 665
Musierowicz A: 7834
Muss H: 3211
Mussche MM: 683
Musso A: 5373
Musson RA: 6461
Mustadjab I: 6437
Mustafa AJ: 318
Mustard JF: 1468–1470, 2513, 3474, 4373–4374, 4728–4729, 5369, 6462, 7548–7552, 9792
Muster AJ: 6607
Musumeci V: 6463
Muszbek L: 2612, 2616, 6464–6465
Mutz I: 6466
Muzzarelli RA: 6467
Myatt L: 4012
Myburgh JA: 6468, 8817
Mydlík M: 4918
Myers DV: 2447
Myers MG: 6469
Myerson DA: 6470
Myerson PJ: 6470
Myhre B: 2837
Myhre BA: 3639, 6471–6472, 6472
Myhre E: 1898, 1900–1901
Myliaev LF: 3413
Myllylä G: 4611, 4897, 6473, 8947
Mymrikov PI: 6474
Myrvik QN: 5694
Myrvold HE: 3517, 6475–6476
Mysak IO: 6477
Myśliwiec M: 950–951, 3323, 7129

N

Nabatoff RA: 6478
Nabholz M: 703, 2427
Nabseth DC: 4364
Nachman R: 6479

Nachman RL: 6295, 6480–6481, 8106
Nachmias V: 6482
Naddachina TA: 6387
Nadeau P: 6483
Nader HB: 2147
Nadin J: 335
Nadjimi M: 6484
Nadler HL: 1319, 8358
Naeim F: 6485
Nag S: 6486
Nagai T: 5994, 6487
Nagai Y: 6488–6489, 8433
Nagamatsu Y: 10111
Naganeo K: 4175
Nagao K: 6516
Nagarkatti S: 5236
Nagasawa H: 2847
Nagasawa K: 6490, 6904
Nagasawa T: 3529, 6491, 6694, 10151
Nagasue N: 6492
Nagata H: 3672–3673, 6493
Nagata K: 6494
Nagata T: 6443
Nagatsu T: 2899
Nagel D: 9291
Nagel G: 9329
Naggar MR: 2561
Nagovitsin BV: 7886
Nagradova NK: 9708
Nagy B: 6495
Nagy I: 6496, 7459
Nagy J: 1211
Nagy Z: 2427
Nahmias C: 1670
Nahum H: 5161
Naidenova-Kuzmanova I: 6497
Naider F: 5437, 5874
Naidich JB: 4087
Naidich TP: 2480, 10267
Naiki M: 6498
Nair RM: 1728, 3347
Nair SG: 4014
Nair VS: 5745
Nairn D: 8734
Najean Y: 1946
Najjar TA: 6499–6500
Najman A: 3284
Nakaba E: 6501
Nakada Y: 5795
Nakagaki M: 6502
Nakagawa M: 6503, 8353
Nakagawa S: 7998
Nakagawara G: 6504
Nakahara K: 8760
Nakahara M: 6505
Nakaide Y: 9078
Nakajima N: 9395
Nakajima S: 6506
Nakajima T: 6694
Nakajo N: 6507
Nakama M: 6508
Nakamura K: 6509
Nakamura M: 10137
Nakamura R: 2658
Nakamura S: 6510–6512, 6511–6514
Nakamura T: 6867, 10164
Nakane A: 6515
Nakane Y: 6825
Nakano H: 6506
Nakano M: 6516–6518
Nakano N: 4476
Nakao N: 6519
Nakao Y: 5093
Nakasako Y: 6471
Nakasako YY: 6472
Nakasato FS: 2605
Nakashima I: 4561
Nakashima T: 6520
Nakashima Y: 7289
Nakatani H: 6521
Nakayama H: 4483
Nakayama T: 6522
Nakazawa K: 6523
Nakazima K: 3884
Nakov E: 6524
Nalli G: 6525
Nam Han Y: 6802
Namba K: 101
Namiki M: 6526
Nanaev AK: 507, 9332
Nanba K: 6527
Nanbu S: 63
Nanninga LB: 6528
Nanulescu M: 6529
Naparstek E: 2419
Napolitano JV: 6530
Narahashi Y: 6531
Narain NK: 4749
Naramoto T: 6815
Naranjo R: 5308
Naranjo Sintes R: 301
Nardelli-Olkowska K: 9731
Nardon P: 6532
Narita K: 10118
Narita S: 6327
Narodetskaia RV: 6533
Nartikova VF: 7025, 7027
Nartova VP: 9235
Nartsissov RP: 9615
Naruse T: 2858
Narvaiza MJ: 249
Narvaiza Solis MJ: 9620
Nash AR: 493
Nash DT: 6534
Nash I: 1457
Nash SD: 6534
Nasiłowski W: 6535
Nasjletti A: 1706, 9150
Nasledova ID: 6536
Näslund L: 4542
Nasset ES: 3364, 8149
Nassi P: 2157
Nassuato G: 1049
Năstasă V: 9016
Nataf R: 6537
Natalini P: 5758
Natarajan TK: 8059
Natelson EA: 3179, 6243
Natelson SE: 6287
Nath R: 807
Nathan DG: 1236
Nathan I: 386, 2311, 6538
Nathan P: 6539, 6791
Nathwani BN: 6540
Natsumeda Y: 6541
Nau H: 6542
Naugol'nova SB: 5800
Naujoks J: 8196
Naumova VI: 6543
Nauta WT: 9564
Navarrete Pando G: 6544
Navarro C: 6545
Navarro Colas S: 2960
Navratil J: 2202, 6546
Nawata H: 5828
Nayak N: 6547
Naylor GP: 9739
Nazar PS: 6268
Nazarenko VM: 2639
Nazarov VG: 6548–6549
Ndugwa CM: 6550
Neal JL: 9906
Neale RJ: 4
Nealon TF Jr: 990
Neame PB: 6551
Neault RW: 1382
Nebelin E: 1241
Nebert DW: 365
Nedelkoski J: 2031, 8832
Nedellec J: 4244
Nedel'skiĭ GT: 6552
Nedjabat T: 6553
Nedvetskaia LM: 8877
Needleman P: 6198, 6270, 6272, 6554–6555
Neef H: 6556
Neely AN: 6557
Neemeh JA: 300, 6558
Neetens A: 6559
Negro-Ponzi A: 7405
Negus D: 6560–6561
Neiburger JB: 1390
Neidhardt B: 2205
Neidhardt MK: 6562
Neiduszynski IA: 361
Neifeld JP: 6563
Neill CA: 5120
Neilsen PE: 6564
Neilsen SL: 6564
Neimann JL: 1559
Neimann L: 6565
Neimann N: 6565, 6839
Neitzschman HR: 616
Nejrotti M: 1821
Nekrasova AA: 6566–6567, 8445
Nelb GW: 6568
Nelsestuen GL: 6569–6570, 10307
Nelson AW: 1343
Nelson DL: 5881, 6571
Nelson E: 3073, 4672, 6572
Nelson J: 5703
Nelson JC: 5360
Nelson JH 3d: 6573
Nelson LM: 6574
Nelson SD: 7269
Nelson TB: 7524
Nelson TE Jr: 4381–4382
Nemec HW: 6575
Němeček S: 6576
Némedi L: 3526
Nemerson Y: 4334, 6035–6036, 7236, 7444
Németh-Csoka M: 6577
Nemteanue E: 7091
Nenarokova LI: 5619
Nenashev IE: 6578
Nenci GG: 6579
Nenna A: 4268
Nenov G: 7117
Nenova LN: 8527
Neplokh EG: 2569, 2940, 5395
Neretin VIa: 6580
Neri A: 10010
Neri Serneri GG: 6581
Nerke O: 6582–6583
Nerrmann RP: 6584
Nervetti A: 165
Nervi AM: 8971
Nesbit RR Jr: 6585–6586
Nesmeianova MA: 6587
Nesse A: 5944
Nessim V: 297
Nestaĭko GV: 5029
Nesterenko GB: 6588
Nesterenko IuA: 5771
Nesterin MF: 6533
Nesterova NG: 6589
Nesterova VV: 6590
Nestler M: 3785
Nestor G: 6591
Neto LA: 1453
Neto NR Jr: 6592
Netsky MG: 3553
Netzel B: 3
Netzer U: 9397
Neu I: 6593, 7704
Neubert U: 6594
Neufahrt A: 3748
Neufeld GK: 6595
Neufeld HN: 6956
Neugebauer G: 6596
Neuhaus G: 6553
Neuhausen P: 2690
Neuhof H: 2821, 6597
Neuilly G: 297
Neuman I: 6598
Neumann CL: 1646
Neumann E: 2106
Neumann U: 4078
Neumayer A: 1136
Neumayr A: 706, 6599
Neupert R: 8183
Neurath H: 210, 4646, 6600–6601
Neustein HB: 8268
Neutze JM: 7850
Neuwirth E: 8225
Neverova ME: 6602
Neveux JY: 6603
Neviaser RJ: 6604
Nevins TE: 9558
Nevraeva OG: 241
New DA: 6605
Newberry V: 6606
Newell DJ: 62
Newell JC: 8345
Newfeld EA: 6607
Newland H: 6608
Newland PE: 6609
Newman D: 10078

Newman DL: 1328, 3425
Newman J: 6610
Newman M: 9405
Newman PB: 2515
Newman RL: 10239
Newman S: 6611
Newman W: 6604
Newton TH: 6701
Ng LF: 6612
Ng S: 8761
Nguyen TP: 6613
Nguyen-Van-Tuyen G: 2746
Niall HD: 8281
Nichol LW: 10012
Nicholas GG: 6614
Nichols AS: 5286
Nichols AV: 6709
Nichols C: 6615
Nichols ME: 4089
Nicholson A: 8495
Nicholson GI: 5302
Nicholson JA: 5665, 8494
Nicholson TB: 8889
Nick M: 6616
Nickbin B: 4745
Nickell EC: 7382
Nicoară S: 1341
Nicol SE: 3212
Nicolaescu V: 6617–6618
Nicolaides AN: 6619–6620
Nicolas A: 3119
Nicolas G: 5421
Nicolini A: 1743, 2607, 5866
Nicolini C: 4987
Nicolini R: 2793
Nicoll DA: 3624
Nicolson I: 3091
Nicosia R: 1566–1567
Nicotra P: 9589
Niculescu D: 5254
Niden AH: 6621
Niebel J: 3899–3900
Niederberger W: 5603
Niederle P: 6622–6623
Niedermüller H: 5328
Niedner K: 1114
Niedner W: 1115
Nieduszynski IA: 362
Niedworok J: 6144
Nielsen CJ: 6624
Nielsen JD: 3296, 6625
Nielsen K: 6626
Nielsen KC: 6627
Nielubowicz J: 6628
Niemarkt JE: 6629
Niemetz J: 2339, 6630
Nieminen V: 4092
Nier H: 6631, 7663
Nies A: 7683
Nies AS: 2430
Niesel P: 6632
Niesen M: 8048
Niessen KH: 6907
Niessner H: 2106, 5284–5285, 6633–6635, 6724, 6960, 7181–7182, 7201, 9159
Niethammer D: 3828
Nieuweboer B: 806
Nieuwenhuis FJ: 6636
Nieuwenhuizen W: 6637
Nievel JG: 6638–6640, 6639–6640, 7685, 8568
Nieves PM: 6641
Nieweg HO: 9508
Niewiarowski S: 1197, 2979, 3781, 6642–6648, 7541, 8906–8907
Nigam VN: 6646
Nightingale TE: 6647
Nigst H: 6648
Nihei M: 2863
Nihei T: 5729
Niinioja T: 1187
Niitani H: 9084
Niiya K: 7919
Nijkamp FP: 6649
Nijmeijer A: 2099
Nijmeijer B: 3065
Nijssen J: 8222
Nikai T: 6650
Nikkilä EA: 6651–6653
Nikolaev MP: 6654
Nikolaeva LF: 1534
Nikolaeva OP: 6989
Nikol'skiĭ NN: 6655
Nikonenko AS: 6656, 8476
Nikšić M: 6657
Nilsen OG: 6658
Nilsen-Hamilton M: 9318
Nilsson A: 6659
Nilsson BS: 8937
Nilsson IM: 1410, 2405, 3732–3734, 3784, 5851, 6660–6663
Nilsson O: 3869
Nilsson-Ehle P: 662, 6664
Nimerg RB: 8121
Nimitan E: 4821
Nimmanitaya S: 8718
Nimmo GA: 1694
Nimmo-Smith RH: 9230
Nirenberg A: 6665
Nirenberg M: 3092
Nishi Y: 9049
Nishibe H: 6666
Nishida H: 6046
Nishigaki I: 4127
Nishijima Y: 6667
Nishikawa AH: 441
Nishiki M: 6668
Nishimura K: 6669–6671, 8003
Nishimura Y: 10123
Nishioka K: 6672
Nishiya O: 7913
Nishizawa A: 6503
Nishizawa EE: 4374
Nishizawa Y: 6673
Nishizuka Y: 1578, 6674, 9040, 10115
Nisonoff A: 1394, 6935
Nissen C: 1782
Nissl R: 6675
Nistal M: 552, 5864
Nitecki DE: 7361–7362
Nitter-Hauge S: 6676–6677
Nittner K: 6678
Niu CH: 6679
Niven PA: 5443
Nivet M: 1043
Niwa M: 6510–6511, 6513, 8000
Niwa Y: 6680
Nixon JV: 6681
Nizet AH: 5311
Nizhniĭ LV: 5503
Nizhniĭ SV: 2498
Njarvo J: 8645
Noack D: 5060
Noack R: 2816
Noble AC: 5443
Noble HG: 6682
Noble J: 6683
Noble RC: 6684
Noble RJ: 6685
Nobrega FG: 6941
Nocentini S: 5403
Nochumson S: 6686
Noda H: 3958
Noel JS: 6687
Nogueira N: 6688
Nöhring J: 4077
Nola E: 7401
Nolan C: 6689–6690
Nöldge G: 8706
Nolte JA: 6691
Nolten JW: 945
Nolten WE: 2378
Nomoto S: 6692
Nomura K: 6693
Nomura T: 6694
Nonnenmacher J: 4625
Norberg R: 4401, 4403
Nord E: 6695
Nordenman B: 881
Nordiek R: 3746
Nordin BE: 1970
Nordmann R: 3148
Nordoy A: 3150
Nordstoga K: 6696
Nordyke RA: 6309
Noreen H: 6697
Norelli MT: 6698
Norén I: 6699
Norgaard O: 1611
Noriega-Guerra L: 4109
Norman CS: 6700
Norman D: 6701
Norman-Pedersen K: 5550
Normand J: 6702
Noronha F de: 6703
Noronha JM: 7476
Norris JW: 6704, 10176
Norstrand IF: 6705–6706
North MJ: 6707–6708
North WR: 1207, 6049
North WRS: 6048
Northrop F: 4261
Northway JD: 1350
Norton G: 4
Norton L: 2395
Norum KR: 6709
Nosé Y: 4540, 6710
Nöske HD: 6711
Nosova IM: 6712
Nossel HL: 847–848, 6713
Nosslin B: 2405
Notelovitz M: 6714
Noti I: 59
Notides AC: 5306
Nou B: 5278
Noujaim AA: 8811
Noumi T: 2864
Nouvelot A: 8069
Novák J: 2185, 3969
Nover A: 6715, 9887
Novikov IP: 6655
Novikov SA: 8459
Novikov IuG: 5342
Novikov IuV: 9632
Novin N: 3596
Novitskaia SA: 6716
Novoa E: 6717
Novoselova GN: 6718
Novotný A: 2315
Nowak A: 5497
Nowak G: 5905, 6719
Nowak K: 967, 6720
Nowak RJ: 9645
Nowak T: 446–447
Nowakowska J: 6721
Nowicka J: 3202, 6722
Nowicki J: 4585
Nowicki P: 6723
Nowik R: 4271
Nowosławski A: 9389
Nowotny C: 5284–5285, 6635, 6724, 9159
Nowotny P: 2798, 2801, 3865, 7374
Nozawa RT: 6725–6726
Nozawa T: 7382
Nozdrachev IuI: 8014
Nožička Z: 6727
Nugel E: 5754
Nukada T: 6508
Numano F: 38, 6728
Numo R: 7232
Nuñes ST: 7955
Nunez R: 2154
Nunez RL: 5431
Núñez de Castro I: 6729
Núñez González L: 6730
Nunn ME: 9240
Nurden A: 6731, 9252
Nurden AT: 6732
al-Nuri MA: 2365
Nusbacher J: 6733, 8279
Nussbaum JL: 4379
Nussenzweig V: 2369
Nustad K: 6895
Nuţă M: 6617–6618
Nuttall KL: 4062
Nuutinen L: 4457
Nuutinen LS: 6734
Nuy-Terwindt EC: 2033
Nyburg SC: 4024
Nye ER: 8958
Nygaard OF: 819
Nyhan WL: 4570
Nyilas E: 6735–6736, 6736
Nyindo MB: 4478
Nylander G: 3767–3768, 3768, 6737
Nylén S: 5140
Nyman D: 3740–3741, 6738
Nyman PO: 3776

O

Oakley C: 6739–6741
Oashi A: 6742
Oates GD: 4604
Oates JA: 2430, 6781
Obach Benach J: 517
Obel EB: 6743
Oberhoffer G: 6117
Oberlinner R: 6744
Oberman HA: 1151
Oberman MS: 3689
Obika LF: 6181–6183
Obnatanova MS: 5155
Obradov S: 7591
Obrębowski A: 5407
O'Brian JR: 6745
O'Brien BD: 5859
O'Brien BM: 6354
O'Brien JR: 2691, 6746–6748
O'Brien P: 6749
O'Brien RL: 7008
O'Brien SJ: 6750–6751
O'Brien SU: 6752
O'Brien WD Jr: 9973–9974
Obrink B: 6831
Obshivalova NN: 71
Obukhan EI: 6753
Oca C: 2238
Ochi N: 3923
Ochiai T: 6754
Ochiai Y: 326
Ochoa S: 5308
Ocholik T: 1421
Ochs AL: 8300
Ochsner A: 6755
Ockene IA: 3324
Ockene IS: 1905
O'Connell LG: 4599
O'Connell MJ: 5674
O'Conner ML: 9870
O'Connor C: 9467–9469
O'Connor ML: 6756
O'Cuinn G: 6757
Oda K: 6758
Odake K: 6759
Odam EM: 2428
Odani S: 6760–6761
Odar-Cederlof I: 6762
O'Dea MH: 3033
Odeberg /: 6763
Odegård OR: 6764–6766
O'Dell BL: 6767
O'Dell CW Jr: 6768
Odell TT: 6769–6770
Odesskaia TA: 2569
Odievre M: 6096, 6771
Odink J: 6772–6774
Odinokova VA: 8950–8951
Odintsova EN: 5548
Odom GL: 4509
O'Donnell SP: 1600
O'Donnell TF Jr: 6775–6776, 6776
O'Driscoll KF: 6777
Ody C: 6778
Oebbecke C: 6396
Oeding P: 2117, 6779
Oehlberg SM: 1087
Oehler G: 6780
Oelz O: 6781
Oelz R: 6781
Oepen M: 3587
Oerlemans MC: 4277
Oester YT: 6782
Oeze L: 1893
Ofek I: 612, 745
Offord RE: 3638, 6783
Offret G: 1648, 6784
Offret H: 5278, 6784
Ogaa JS: 4478
Oganesian SS: 6785
Ogasawara N: 9823, 9825
Ogashiwa M: 6786
Ogata H: 9106
Ogata K: 4480
Ogawa H: 6787–6788
Ogawa K: 2899, 6789
Ogawa Z: 3707, 5093
Ogawara M: 5997
Ogihara Y: 3836
Ogle J: 6790
Ogle JD: 6539, 6791
Ogle SJ: 9905
Oglietti J: 6792
Ogmundsdóttir HM: 6793
Ognev IuV: 6794–6795
Ogren S: 3965
Ogrydziak DM: 6796
Ogston D: 1734, 6797, 7572–7574, 9805
Oguchi H: 4114
Ogunbiyi OA: 6798
Ogura H: 6799–6800, 6800, 9076
Oguri T: 6801
Oh W: 3562–3563
Oh-ishi S: 6802
Ohad I: 495
Ohanian SH: 1088, 10102
Ohara A: 4484
O'Hara ET: 4364
Ohishi I: 6803
Ohishi K: 6867
Ohkawa S: 8918
Ohkuda K: 8760
Ohlen J: 2664
Ohler WG: 6804–6805
Ohlsson K: 3036, 6806–6808, 6807–6813, 8074, 8076, 9125–9126
Ohnishi SI: 5752
Ohnishi Y: 7919
Ohno M: 2792, 6814, 8004
Ohno T: 6819
Ohsato K: 9045, 9047
Ohsuga T: 10105
Ohsumi Y: 2929
Ohta M: 4561, 6815
Ohtsuka H: 6230
Oikarinen A: 262
Oikawa T: 8919
Oiknine C: 395
Ojeda JA: 2714
Ojima M: 6816
Oka T: 6320, 6322
Okada H: 869
Okada J: 6817
Okada K: 6818
Okada T: 6255, 6503
Okada TS: 9430
Okada Y: 5752
Okamoto K: 4826
Okamoto U: 3971, 10111
Okamura K: 4125
Okawa H: 2890
Okawa K: 4831
Okazaki N: 6819
Okies JE: 6820, 8751
Okogun JI: 2511
Okon EE: 6798
Okong'o O: 6821
O'Konnel-Bronina N: 9063
Oksenkrug GF: 6822
Oksenkryg GF: 6823
Oksman AIa: 4981
Okuda H: 7905, 9064–9065
Okuda S: 4579, 6503
Okuda T: 2860–2861
Okuma M: 6824, 10166
Okumra T: 972
Okumura H: 6825
Okumura T: 6826
Okumura i: 6827
Okuno T: 6828
Olafson RW: 4432
Oláh EH: 4761
Olander J: 7372
Olaso V: 6829
Olbromska W: 8628
Olcott C 4th: 6830
Olczak A: 1880
Old LJ: 4551
Oldberg A: 4762, 6831
Oldenburger D: 6832
Oldewurtel HA: 6362
Oldham HN Jr: 7881
Oldmixon WJ: 6833
Oldurova SV: 70, 3235, 9643
ole-Moi Yoi O: 6834
O'Leary DS: 87
Olejnik Z: 6835
Oleksy J: 4898
Olesen T: 3607
Olin T: 118, 4328
Olinger GN: 6836
Oliphant G: 6837
Oliva H: 2509
Oliva PB: 6838
Olivares J: 78
Olive D: 6839
Olive JA: 3332
Olivecrona H: 6737
Olivecrona T: 704, 3156, 3807, 6840–6843, 8249
Oliveira EB: 6844
Oliven A: 3101
Oliver DR: 9642
Oliver GC Jr: 7928
Oliver RC: 9210
Oliver RF: 6845
Oliver RM: 4512
Oliver S: 9683
Olivier J: 2199
Olivito AM: 1173
Ollat G: 674
Oller EP: 776
Ollis DF: 6846
Olmos L: 6847
Olsen AS: 6184
Olsen BR: 6848
Olsen I: 5550
Olsen T: 3547–3548
Olsen UB: 6627
Olsen WA: 6849
Olson JD: 6850
Olson LC: 6851
Olson MO: 5826
Olson PR: 6852
Olson R: 6752
Olson RE: 4006, 4393, 6438, 8259
Olson RM: 1749
Olson VL: 6853
Olsson AS: 6808
Olsson HE: 9777
Olsson I: 6763, 6806, 6811–6812, 8076, 9126
Olsson LB: 5101, 6854
Olsson P: 5215, 6054, 6855–6857, 7445
Olsson R: 310
Olszańska-Skorek T: 6858
Olszyna DM: 1576
Olteanu M: 6859
Olteanu-Nerbe V: 6860
Olufs R: 1717
Olvera C: 1446
Olverman HJ: 2258
Omae T: 6868
O'Mara C: 6861
O'Mara RE: 10026–10027
Omenn GS: 6862
Omura T: 4176
O'Neal SG: 6863
O'Neill J: 4220
O'Neill JV: 6864
Ong EB: 6865, 8635–8636
Oniki H: 6868
Ono J: 6866
Ono K: 6867
Onorato L: 8453–8454
Onoyama K: 6868
Onoyama Y: 9395
Onozawa Y: 6694
Oó M: 1878
Ooi BS: 6869
Ooi YM: 6869
Ooka H: 10113
Ookawara S: 5989–5990
Oono H: 8919
Oosterhuis JA: 2161
Opanashchenko GA: 724, 6870–6871
Oparil S: 2378
Opatz K: 937
Opdyke DL: 6872
Opekhovich VN: 5552
Opipari MI: 455
Opitz HG: 4040
Opitz JM: 519
Oplatka A: 6402–6403
Oppolzer R: 10037
Orakzai SA: 6873
Oram S: 1838

Orams HJ: 6874
Oranskiĭ IE: 6875
Orban JC: 2199
Ordınas A: 1454
O'Reilly GV: 3721
Orekhova NS: 6885
Orekhovich VN: 125, 1947, 5406, 5551, 10134
Oreland L: 9695, 9937
Orellana F: 7379
Orenstein DM: 6876
Orenstein NS: 2314, 6877
Oreopoulos DG: 6878
Orfanos CE: 7411
Orfila C: 6879
Orha I: 8251
Orikawa T: 6880
Orjasaeter H: 6881
Orlando J: 6882
Orlić R: 644
Orlich M: 4784
Orliukov IuI: 3230
Orloff J: 374
Orloff KG: 6883
Orlov GA: 6884
Orlov SN: 5387
Orlov VA: 6885
Orlova AA: 6886
Orlova AS: 5048, 6887
Orlowski RC: 10165
Ormas P: 1435
Orme M: 6888
Orme ML: 6889
Ormea F: 6890
Ormerod LD: 9810
Oronsky AL: 6891
Orosz L: 6892
O'Rourke EJ: 3579
O'Rourke FM: 625
Orr GA: 6893
Orr GR: 854
Orr KB: 6894
Orstabik TB: 6895
Orstavik I: 6051
Orstavik KH: 6896
Orstavik TB: 6897
Orsulak PJ: 8085
Országh J: 8555
Ort J: 4780
Ortanderl H: 6898
Ortega F: 1172, 5945
Ortega JJ: 4301, 6899, 9379
Orth DS: 6900
Ortiz CE: 3054
Ortíz S: 78
Ortiz de Gortari R: 2132
Orton D: 3182
Ortonne JP: 6901
Ortuño G: 9550
Ory RL: 8297
Orzan F: 6902
Orzeszko W: 3203
Osadchiĭ BD: 5396, 9709
Osaka K: 6903
Osamura S: 4671
Osawa T: 8022–8023
Osburn BI: 4229
O'Shea MJ: 7171
O'shea MT: 7265
O'Shea PJ: 1727
Oshima G: 4212, 6904
Oshiumi Y: 103, 6905
Osima B: 821
Osipov LN: 7347
Osipov SN: 4778
Osirova TA: 6988
Oski FA: 5151
Osmand AP: 1645, 2625, 5875
Osmond DH: 1760
Osserman EF: 9926
Ossó J: 2926
Osswald P: 6907
Ostapenko IV: 8349
Ostapowicz G: 6908
Ostashevsky IY: 803
Ostashevsky IYA: 802
Ostberg L: 7140
Ostendorf P: 3861–3862
Ostergaard P: 3607
Osterlin S: 879
Osterlund B: 6909
Osterud B: 4549, 6910–6911
Ostlund RE: 6912
Ostlund-Lindqvist AM: 4206
Ostojić Z: 7303
Ostropolska L: 6720
Ostrovskaia TP: 6114
Ostrowski K: 10073
Ostvold AC: 3949
Osugi T: 4133
O'Sullivan G: 6065
O'Sullivan MB: 4844
Osuna O: 6913
Otero Luna J: 6914
Otnaess AB: 3103, 6915, 9480
O'Toole JD: 8382
O'Toole M: 6434
Otsuka Y: 8296
Ott LA: 6916
Ottaviani F: 6917
Ottaviano E: 2193
Ottesen EA: 6918
Otto HH: 6919
Otto W: 6920
Ottolenghi P: 1543
Ottone P: 5974
Ou CN: 6921
Oudart JL: 2968
Ouna N: 541–543
Ourbak P: 6922–6923
Ouyang C: 6924–6926
Ovaleo-Pandolfo E: 6994
Ovchinnikov VA: 7001
Ovchinnikov YA: 6927
Ovchinnikova AA: 6992
Ovchinnikova LK: 4208
Over J: 6928
Overbeek TE: 9498
Overfield D: 8770
Overgaard J: 6929
Overholser KA: 6930
Overholt EL: 3070
Overman HJ: 3270
Overturf M: 6931
Ovitt TW: 10026
Ovnatanova MS: 5156
Owada M: 8437
Owen CA: 6932
Owen CA Jr: 1082, 6933, 8963
Owen F: 435, 1071, 3181, 4408, 6934
Owen FL: 6935
Owen MC: 6936
Ownby DR: 1252
Oxelius VA: 1608
Oxford JS: 6937
Oxlund H: 3613
Oyer PE: 3395, 6938, 8821
Oza NB: 1421, 3496
Ozasa S: 6939
Ozawa T: 5709
Ozel M: 9954
Ozeretskovskaia NN: 6940
Ozols J: 6941
Ozsoylu S: 3834, 6942–6944, 6943–6944

P

Pabst R: 6945
Pacaud M: 6946
Pace-Asciak CR: 6947
Pache HD: 4804
Pacheco-Cano MG: 3254
Pachinger O: 7383
Pachter HL: 6948
Pacifico AD: 1827
Pačin J: 6949
Pacini A: 934
Pacitti C: 8506
Packham MA: 1468–1470, 3474, 4728–4729, 6950, 7548–7550, 7552, 9792
Pádár E: 8545
Padgett SJ: 2976
Padmanabh S: 8557
Pagani E: 6917
Pagano RE: 6951
Pagano RR: 3330
Page CP: 8713
Page R: 2462
Page Y: 7331
Pagel C: 1784
Pages A: 5362
Pagliano FM: 6952–6953
Pagliara AS: 1332
Pagnin A: 2601
Pai EF: 9701
Pai S: 7412
Paiement B: 3438
Paige ML: 6954
Paik WK: 6686
Paillard J: 2101
Pailler JL: 2514
Pain C: 1011
Painter RH: 9115
Paiva AC: 7358, 7957
Pajak TF: 8833
Pajszczyk-Kieszkiewicz T: 4417
Pakhomov SP: 3409, 5386
Pakhomov VI: 6955
Pal AK: 6256
Paladini AC: 10209
Palaia FL: 3858
Palant A: 6956
Palareti G: 1672
Palascak J: 5948
Palascak JE: 6957
Palau MS: 6958
Palčić I: 1107
Palczuk NC: 25
Paleev NR: 8950–8951
Paleg LG: 3100
Paletta FX: 6959
Pálfy A: 9553
Palka G: 1673
Pall H: 4770, 6960, 7181–7182
Palladino MA: 6961
Pallotta D: 6483
Palm T: 6962
Palma EC: 6963
Palma JA: 6964
Palmas F: 6965
Palmberg S: 6966
Palmblad J: 6967
Palmer HM: 1856, 8590
Palmer J: 3337
Palmer PJ: 3858
Palmer RL: 6968–6970
Palmer WK: 1445
Pal'mova NP: 6971
Palo J: 7625
Pálos AL: 647
Paloyan D: 7088
Palubinskas AJ: 10006
Palubinskas VI: 6972–6973
Pampari GC: 2912, 6994
Panà A: 1567
Panajotopoulos N: 5854
Panaro A: 2871
Panas AT: 6974
Panasiuk IM: 7148
Panayotopoulou: 10129
Panayotopoulou C: 5587, 5835
Panchenko VM: 225, 6975–6976, 6976–6979, 8467
Panchenkov RT: 6980
Panchenoko VM: 6981
Pandey GN: 6982
Pandey LK: 2265
Pandolfi M: 145, 2732–2733, 2736, 6983
Paneque A: 9627
Paneth M: 6164
Panettiere FJ: 6984
Panicucci F: 138, 6985–6986
Panitsa V: 2016
Paniushkin AI: 5787
Panje WR: 6987
Panjwani R: 2834
Pankov IuA: 6988–6989
Pannall PR: 6990
Pannarale MR: 6991
Pannenbecker R: 10030
Panov AA: 5785
Panov AN: 3010
Panova TN: 5785
Pan'shina GS: 6992
Panteleeva NS: 4514
Panzram G: 9773
Paoachrysanthou C: 3625

Paola M: 9566
Paolucci G: 5831
Papadakis N: 6993
Papademetriou T: 4694
Papadia F: 2912, 6994
Papadimitriou J: 6995–6996
Papadopoulo D: 5403
Papaian AV: 6997
Papaian LP: 6998
Papaioannou J: 7174
Papaioannou K: 7349
Papaioannou SE: 4273, 6999
Papathanassiou B: 1371
Papavassiliou J: 2166
Papayannis AG: 2333, 4867, 8757–8758
Papayannopoulou T: 2622
Papelbaum S: 2693
Papilian VV: 6529
Pappalardo G: 2163, 2307
Pappritz G: 8158
Pappu J: 4442
Paquet KJ: 6553
Paradeeva IK: 4930, 5023
Paradinas FJ: 9905
Parafiniuk W: 7000
Parakhoniak VI: 7001
Paramelle B: 7002–7003
Paramelle F: 7003
Paramonova EG: 224, 7958
Parashchuk TA: 112
Paraskos JA: 1905
Parc R: 5799
Pardini RS: 1789
Pardue ML: 1471
Pardy BJ: 7004
Parent B: 7003
Parent G: 8555
Parent J: 5699
Pareti FI: 5851, 5855, 7005
Paripović N: 7247
Paris C: 1516
Parish RW: 1519
Parish WE: 7006
Parisi AF: 7007, 7996, 8368
Pařizek M: 5035
Park CE: 2134
Park GB: 1809
Park JB: 3911
Park JY: 9240
Park MJ: 4674
Park SB: 5760
Park WK: 7538
Parke DV: 3311
Parker AC: 709, 2767
Parker CW: 363–364, 4263
Parker DS: 1971
Parker FB: 1950
Parker JL: 2784
Parker JW: 7008
Parkhouse RM: 1070, 7009, 9921
Parkin JD: 4767
Parkinson DR: 7010
Parkki MG: 7011
Parkman R: 7012
Parks AG: 4309
Parl F: 3518
Parmar SS: 1528, 4748–4749
Parmely MJ: 7013
Parmentier R: 1668
Parodi AJ: 7014
Parquet-Gernez A: 3313, 6043, 7015
Parr GV: 894
Parrilla JJ: 396
Parrington JM: 4743
Parrish DB: 6218
Parrish JA: 7016
Parrish RF: 7283
Parrot AM: 1127
Parrot JL: 7017
Parrott DP: 5410, 7018
Parsa KP: 7019
Parsonnet V: 151, 1141
Parsons CA: 8621
Parsons JA: 7020
Parsons MF: 896
Partale V: 8044
Partington MW: 7021
Partridge SM: 2515
Partsch H: 5284, 5539, 6374, 7022
Parulekar S: 5877
Parving HH: 7023
Pascal JP: 9294
Pascual-Leone A: 9467–9469
Pasechnik AM: 2928
Pashkov VV: 3297
Pasiak VN: 7024
Paskhina TS: 2368, 7025–7030, 7028
Pasqua C: 1392
Pasquetto N: 2871
Pasquier C: 373
Pasquier D: 5930
Pass E: 6385
Passa P: 717
Passelecq J: 2101
Passera R: 9565
Passl R: 7029–7030
Passow H: 5355, 7031
Pasta P: 1435
Pastan I: 1963, 6299, 10102
Pasternack BS: 9898
Pasternack GR: 4361
Pasternak J: 2603
Pasternak RC: 3073
Pasteyer J: 7032–7034
Pastore G: 6275
Pastorino C: 6291
Pastorova VE: 7035–7037
Pasynkov EI: 7038
Patau K: 1911
Patchornik A: 8389
Pateiuk VG: 2576, 7039–7040, 7040
Patel A: 7032
Patel AR: 9135
Patel CC: 7041
Patel G: 10266
Patel H: 2453
Patel M: 9882
Patelski J: 4008
Patereau C: 8684
Paterson PY: 7042
Pathak MA: 7016, 8238
Patlak CS: 1795
Paton RC: 7043
Patrassi G: 3131, 3133, 3137–3138, 3142
Patrassi GM: 3139
Patriarche GJ: 9645
Patrichi G: 7044
Patrone E: 1737
Patrone F: 933, 7045
Patrono C: 7046
Patrzyc H: 4122
Patscheke H: 7047–7048, 7048
Patt Y: 8446
Pattabiraman TN: 811, 6547
Patte M: 7049
Patterson KG: 2240
Patterson MK Jr: 854
Patterson PC: 1073
Patterson RH: 6378
Patterson RJ: 176
Patterson RW: 6836
Patwardhan NA: 9913
Pauer HD: 607
Paukert JL: 7050
Paukstelis JV: 7524
Paul G: 5830
Paul J: 674, 7051
Paul M: 4370
paul MH: 6607
Paul SE: 4921
Pauli JK: 3968
Paulin S: 793
Paulini K: 5534
Paulmann H: 7052
Paulowitz HP: 7567
Paulson JD: 7284
Pausescu E: 7053
Pautler J: 6028–6029, 8147
Pauw FH: 6990
Pavari E: 5123
Pavlishchuk SA: 7054
Pavlova S: 9286
Pavlović M: 3187
Pavlović P: 7055
Pavlovic TA: 1641
Pavlovitz N: 10101
Pavlovski DP: 6154, 7337
Pavlovskiĭ DP: 476, 6153, 7056–7063
Pavlovsky A: 1438
Pavlovsky M: 5259
Pawilowska H: 7064
Pay GF: 1338
Payens TA: 7065
Payne B: 7512
Payne JW: 7066
Payne PR: 6293
Payne RW: 1379
Payta M: 4331
Pazen H: 3387
Peach MJ: 7067
Peake IR: 925, 7068–7069, 8388
Pearce PH: 7070
Pearl RM: 7071
Pearlstone JR: 7072–7074
Pearson CM: 4511, 4849
Pearson DV: 10148
Pearson GR: 7075
Pearson JD: 2002
Pearson TA: 7076
Pearson TC: 9179
Peaucellier G: 7077–7078
Pecci R: 8082–8083
Pechacek LW: 6902
Pechaň J: 7079
Pechère JF: 1391, 9160
Peck AW: 7080
Peck CC: 10292
Pecker J: 7081
Peckham JC: 2067
Pecquery R: 3148, 4268
Pedersen HE: 8422
Pedersen JF: 4325
Pedersen JT: 4914
Pedrazzoli M: 9019
Pedrazzoli S: 3141
Pedulla D: 2193
Peeters FL: 7082
Peeters G: 7083
Peeters R: 4029
Peev BI: 5062
Pefferkorn JP: 5354
Pegelow C: 7084
Pegels CC: 7085
Pehrsson NG: 3554, 4913
Peirce EC 2d: 4986
Peixoto S: 10254
Pejchl S: 7086
Pek S: 3833
Pekçelen Y: 7087
Pelc I: 9563
Peleshchuk AP: 6070
Pélissier JP: 1157, 6095
Pellegrini CA: 7088
Pellegrino F: 7089
Pellegrino MA: 2608
Peller JD: 3064
Pelletier M: 9266
Pellino A: 412
Pelov Ela: 5785
Pelter A: 7090
Pelzig M: 3165
Pemmaraju SR: 9561
Peña A: 1485
Pencea V: 7319
Penchas S: 2373
Pendefunda G: 7091
Pendin AA: 5108
Penglis F: 7092
Penington DG: 7093–7094, 8623
Pennacino G: 7216
Penner JA: 4620, 5130, 7095–7100, 8219, 9580
Penning TM: 7101
Pennington RJ: 5964
Pennington TH: 7102
Pennock JF: 1318
Penny AF: 7458
Penny R: 5697
Penther P: 3050
Penttinen K: 4611
Pepe FA: 1604
Peppas NA: 7103
Pepper DS: 3151, 7104–7105, 7995
Pequignot E: 5345–5346
Pequignot H: 3476
Pequignot-Planche E: 2027, 7106
Perdue JF: 7455
Perdue ST: 3348

Peregudov IG: 5652
Pereias R: 7107
Pereiras R: 9618
Peremans JM: 8581
Perepelkin EG: 10223
Peřestá K: 9401
Pereverzina OK: 4969–4970
Perey M: 596
Perez G: 9510
Perez J: 6641
Perez MJ: 7793
Pérez-Cabañas I: 7108
Perez-Castro Ellendt F: 4118
Pérez Cirera R: 7109
Perez-Guillermo M: 9550
Perez-oteiza C: 3121
Perez-Requejo JL: 4355
Perez-Tabernero M: 10301
Perfil'eva GN: 9236
Perfumo F: 3514
Périat M: 9848
Perier C: 7110
Perisi P: 1442
Perissios A: 6974
Perisutti CG: 4546
Perkins HA: 4013, 7111–7112, 7112
Perkins JR: 4150
Perks HM: 9917
Perlewitz J: 5906
Perlin AS: 7113
Perlin E: 9285
Perlman JA: 7114
Perlmann P: 3621
Perloff LJ: 7115
Permoad PA: 141
Permutt S: 1683
Pernice A: 3345
Pernis B: 2427
Péron-Renner M: 5375
Perona G: 7116
Peronace B: 2725, 7117
Perper RJ: 7118
Perrin A: 5546
Perrin F: 7646
Perrin J: 3805
Perrin JH: 9485
Perrin-Fayolle M: 7119
Perris AD: 1108
Perris C: 9695
Perrone A: 473
Perrott LM: 2522
Perry DW: 3474, 4729
Perry E: 3217
Perry HD: 7120
Perry HO: 7123
Perry MO: 7121
Perry SV: 6258
Persidsky MD: 1930
Persoff M: 5709
Person JR: 7122–7124
Persson AV: 7125
Persson BR: 7126
Persson U: 7127
Pert A: 7128
Pert CB: 7128
Pertoft H: 6831
Pertsovskii AI: 2445
Peruffo R: 2054, 3135–3136
Perzanowski A: 3323, 7129
Pescetto T: 782
Pesch RN: 5739
Pescheck C: 9774
Peschl L: 706
Pessina GP: 934
Pestarña A: 1386
Petáková M: 7867
Petek F: 2200
Petek W: 369
Peter JD: 8147
Peter K: 7130
Peter R: 1719
Péterfy F: 7131
Peterka M: 8664
Petermann W: 1214
Peters A: 3814
Peters C: 5948
Peters DK: 8523, 9208
Peters H: 9982
Peters JR: 8195
Peters PC: 7132
Peters TG: 7133
Peters TJ: 5444
Peters VK: 7134
Petersen BH: 7135
Petersen EA: 7136
Petersen JK: 7137
Petersen P: 7138
Petersen TE: 429, 5759
Peterson DM: 6243
Peterson EW: 7139
Peterson HI: 7648–7649
Peterson JW: 5088
Peterson PA: 7140, 7490
Petitier H: 5421
Petitjean R: 788
Petlenko VP: 7141
Petr R: 6576
Petracek FJ: 8916
Petralia V: 9589
Petras K: 1645
Petrat H: 636–637
Petrenko GI: 4686–4687, 7873
Petrich C: 7925, 9698–9699
Petrikevich SB: 4201
Petrini B: 921
Petrishchev NN: 1307, 7142
Petritsch PH: 7143
Petrocca G: 2443
Petrouccioli G: 6285
Petrov II: 4944
Petrov ML: 7144–7145
Petrov MN: 7146–7147
Petrov SV: 5385
Petrov VP: 7148
Petrova IS: 5139
Petrova IV: 6716
Petrova NT: 800
Petrovici IN: 6678
Petrovskaia EL: 4189
Petrovski R: 6239, 7149
Petrovskii BV: 7150
Petrowicz O: 7151
Petrucco OM: 8340
Petrus E: 9437
Petrus' VG: 3433
Petrusevich IuM: 5387
Pettegrew RK: 7152
Pettersson I: 3965
Pettet N: 2429
Pettigrew KD: 1795
Pettigrew RT: 5610
Pettini A: 6312
Pettit FH: 1975
Pettit JE: 5556
Petuchova LI: 5241
Petukhova LI: 5239–5240, 5240
Petz R: 7153–7157, 7155, 7867
Peyman GA: 7156
Pezza V: 2912
Pezzi R: 765
Pezzimenti JF: 7157
Pezzlo F: 9278
Pfaff G: 9174–9175
Pfanzelt R: 7158
Pfeffer SR: 7159
Pfeifer KJ: 3918
Pfeiffer EF: 7486
Pfister B: 7730
Pfleiderer G: 4508, 9361
Pflug JJ: 7160
Pflüger H: 7161, 7243
Pfueller SL: 1654, 7162–7163
Phalen E: 3210
Pheasey MH: 6783
Phelan JJ: 1770
Phelps DB: 1244
Philip B: 7164
Philip P: 4711–4712, 4712
Philipp E: 5735
Philipp H: 7165
Philipp M: 3877
Philipp T: 7166
Philipson L: 7546
Phillips AW: 8840
Phillips DR: 7167–7168, 7168–7170
Phillips F: 7382
Phillips JD: 7171
Phillips LH: 7172
Phillips LL: 6409
Phillips MJ: 7173
Phillips V: 7174
Phillips WA: 7175
Phillips WM: 2108
Phillips WR: 50
Philp RB: 2776
Philpot RM: 7272
Piacenza G: 7727
P'ianov RP: 7176
Piazza L: 7177
Pica M: 2044
Picard JD: 7178
Picard JM: 5253
Picard L: 7179
Picart D: 2822–2823
Picha G: 6710
Pichard AL: 7180
Pichler M: 4770, 6634, 6960, 7181–7182
Pichler WJ: 8820
Pichlmaier H: 3461
Pick R: 6621, 7183
Pickard N: 8258
Pickart L: 2491, 7184
Pickel H: 8066
Pickering JD: 9788
Pickering M: 1360
Pickering RJ: 2190
Pickett RA 2d: 2418
Pickett WC: 7185–7186
Pickin CM: 4315
Pickren JW: 176
Pickup JF: 7187
Picotti GB: 7188
Pidrman V: 7189
Piedad O: 1772
Pielsticker K: 3918
Piepgras DG: 7190–7191
Pierce AK: 985, 7192
Pierce J: 4875
Pierce JC: 5295
Pierce JE: 4876
Pierce JV: 5510, 6064, 6895
Pierce L: 7193
Pierce LE: 5666
Piercey J: 7393
Pierli C: 9844
Pierre-Louis C: 7194
Pierucci G: 2652
Piessens WF: 7195
Pietri P: 7196
Piette F: 2699
Pifarré R: 408
Piganeau P: 3127
Pigareva MI: 7197
Piggott CO: 7198
Pigin SA: 6656
Pignaud G: 5321, 5323
Piguet H: 7199
Pihlajaniemi R: 6734
Pilar CE: 3897
Pilarek M: 4919
Pilcher MF: 1748, 3272
Pillar NB: 7200
Piller G: 7201
Piller NB: 7202–7213
Piller NP: 7214
Pillot P: 7215
Pilotti G: 7216
Pilz P: 7217
Pimentel MA: 3949
Pimstone BL: 7218
Pina C: 1391
Pinaev GP: 4661
Pinals RS: 7219
Pincus JH: 7220
Pinder RM: 1180, 7221–7222
Pindyck J: 6442, 7223
Pine L: 7224
Pineda AA: 1232, 8942
Piñeiro A: 1170, 1172–1173
Pinelis IS: 5111, 7225
Pinelis TP: 5111
Pinelli G: 5557
Pinggera WF: 10037
Pini M: 2103, 7306
Pink J: 9879
Pinkhas J: 4331, 6695
Pino JL: 1634

Piñon R: 7226
Pinsky S: 7872
Pinson L: 7227
Pintado T: 7228
Pintér J: 7229, 10285
Pinto R: 721
Piotrowski Z: 7230
Piovella F: 6525
Pipeleers DG: 7231
Pipeleers-Marichal MA: 7231
Piper LJ: 2555–2556
Pipitone V: 7232
Pirani BB: 1736
Pire JC: 8923
Pirision R: 1266
Pirkle H: 5895–5896, 5896
Pirogov AB: 7233
Pirone TP: 3316
Piruzian LA: 343, 4679, 7809
Pisano JJ: 4134, 5025
Pisarevskiĭ AA: 5342
Pisarskaia IV: 7234, 9539–9540
Pisarski A: 8753
Pisciotta AV: 1634
Piškorić D: 1478
Pistautz H: 7235
Pistolese GR: 700
Pistolesi GF: 1574
Pistotnik M: 3390–3392, 3391–3392, 7923
Piszczek JE: 2268
Pitha JV: 8778
Pitlick FA: 6035–6037, 7236–7237
Pitlik S: 7238
Pitney WR: 7239
Pitorri L: 7216
Pitt A: 2565
Pittermann E: 3901–3902
Pittman DE: 910
Pittner H: 4704
Pittoni G: 7240
Pitts JA: 7241
Pittz EP: 7242
Piwnica A: 2271, 6080
Piwonska A: 1421–1422
Piza F: 7243, 9724
Pizzo S: 9204
Pizzo SV: 8642
Pizzoli A: 119
Pizzolo G: 7116
Pizzuto J: 6203, 7244
Pla-Delfina JM: 9634
Plagne R: 7245
Plagnol P: 7429, 9475
Planas JM: 7409
Planché C: 852, 5191, 7246
Planiol T: 7353
Planjar M: 7247
Plante J: 989
Plath P: 7248
Platonova TK: 4698
Platonova TM: 6459–6460
Platonow NS: 7249
Platthy G: 705
Plaut A: 9416
Plaut AG: 7250
Plaut GW: 265
Plawecki R: 3180
Plazibat M: 7247
Plefirenko VT: 112
Plemenčić M: 7468
Plenk H Jr: 7030
Pleshakov VT: 5801, 7873
Pletscher A: 5571
Plezia RA: 2779
Pliushch OP: 17, 7251, 9264
Pliutto AM: 7252
Plotkin D: 2673
Plotnikov GA: 521
Plotnikova VA: 7253
Plotti G: 6275
Plotz PH: 8052–8053
Plouin PF: 346–347
Plouvier B: 8069
Plow EF: 2338, 7254
Ployet MJ: 2094
Plume SK: 2035
Plummer G: 4752
Pluskal MG: 1855, 5964
Pluss J: 7255
Pluth JR: 894
Pluznik DH: 5635
Pniejnia-Olszyński W: 6135, 7256
Poberai M: 7257
Pochedly C: 7258
Pochukaeva LS: 4469
Poco A: 6703
Poddar MK: 485
Poder K: 9364
Podgornyĭ VK: 7259–7260
Podlas H: 1934
Podliashchuk EL: 7261
Podlipski A: 10237
Podobedov GM: 5783–5784, 5784
Podolsak B: 7262
Podol'skiĭ MV: 1078
Podoprigora AP: 8569–8570
Podoprigora GI: 10194
Podorol'skaia AV: 6976
Podorol'skaia LV: 221, 225, 6979
Podrazký V: 3762, 8810
Podsukhina GM: 7810
Poe ND: 9091
Poggi A: 7263–7264, 7264
Pogliani E: 1786, 7511
Pogo BG: 7265, 8804
Pogodina LS: 4879
Pogorelova TP: 7266
Pohjanpelto P: 7267–7268
Pohl LR: 7269–7271
Pohl RJ: 7272
Pohlandt F: 9265
Pohlig K: 998
Poikolainen P: 4082
Poindexter RW: 6918
Pointer H: 7273
Pointer RH: 4894
Pointner H: 7274
Poirier R: 2434
Poirot E: 8674
Poisner AM: 2326, 4363
Poitras P: 6109
Pokalev GM: 7275
Pokieser H: 7276
Pokorny E: 7277
Pokrovskiĭ AA: 7278–7279
Pokrovskiĭ AV: 4679, 7280–7281
Polaczek K: 10024
Polakoski KL: 7282–7284, 10198
Polansky EW: 7285
Polatti F: 2601
Polemis L: 7349
Polentarutti N: 7263–7264, 7264
Poleshchuk VV: 2571
Poletaeva II: 7707
Polette V: 721
Poliakov NF: 9653
Poliakova LP: 72, 2568, 4790, 5037
Poliantseva LR: 221, 7027, 9096
Polis L: 7286
Polishchuk EI: 7259–7260
Polishchuk SM: 7287
Poliwoda H: 561, 7288
Poljak RJ: 7289
Pollack M: 7290
Pollack MS: 7291
Pollack R: 7634–7635
Pollack S: 4444
Pollack VE: 9561
Pollak EW: 7292–7294
Pollak M: 7294
Pollak S: 2451
Pollak VE: 6869
Pollara W: 10254
Pollard TD: 2851
Poller L: 3362–3363, 7295–7296, 7296–7297
Pollock A: 7298
Pollock AV: 7299–7300
Polmar SH: 4123
Polonovski J: 2516, 7617, 9326
Polonskaia LB: 406
Polonsky J: 719
Poloterov ID: 3451
Polozhentsev SD: 7141, 9433
Polstianaia AV: 74
Polterauer P: 960, 1220
Poluboiarinova AG: 9146
Poluliakhova AP: 2576
Polunin GS: 7301
Polunovskiĭ VA: 6602
Polushina TV: 8412
Polychronakos D: 7302
Pommelet P: 7796
Pomortseva LV: 9355
Pompe F: 7303
Pompon D: 7304
Ponari O: 2103, 7305–7306
Pong SS: 7307–7308
Pongpaew P: 8065
Ponlot R: 4300, 6319
Ponn R: 2809
Ponomarev AT: 6549
Ponomarev EV: 7309
Ponomareva VD: 283–284
Ponstingl H: 7310–7311
Pontecorvo G: 7312
Ponticelli C: 7313, 7836
Ponto R: 5547
Pontonnier G: 988
Pontremoli S: 2410
Pool J: 7314
Pool JG: 7315
Poole HH: 7316
Poole M: 2453
Poon M: 7900
Poon MC: 7317–7318
Pop M: 6859
Popa G: 7319
Popa O: 7386–7387
Pope B: 7355, 9852
Pope HM: 9810
Pope JT: 1506
Popescu A: 902
Popescu ER: 7320
Popescu P: 7321
Popescu TA: 7322
Popkova GK: 4533
Poplack DG: 7323
Poplawski A: 1589
Popli SP: 264
Popov VA: 7324–7325
Popov-Cenić S: 7326
Popov IuP: 4896, 6980
Popova LD: 6578
Popova LG: 39, 7327
Popova LI: 6981
Popović I: 6908
Popović M: 5977
Popow J: 1259
Popp B: 8107
Popper PJ: 4502
Poquet Tormos J: 7328
Porati M: 7329
Porcelli G: 1037, 7330
Porlier G: 3144
Porokhnia NP: 4932, 6222
Porstmann W: 1289
Portal RW: 13
Portelance V: 7331
Portelli C: 7332
Porter J: 7333
Porter JM: 1836, 7334–7335, 7750
Porter RR: 8504
Porter WR: 7269, 7271
Porthouse A: 334
Portier C: 3494
Portier MM: 8719
Portnoĭ VF: 678
Ports TA: 7336
Porubcan MA: 4108
Porutiu D: 1852
Poschmann A: 2661
Poser S: 7338, 7658
Poser W: 7846
Posey Y: 1443
Poshkus NB: 286
Poshyachinda V: 8549
Poskanzer DC: 2321, 3541
Poskus E: 10209
Posner MA: 5171
Pospelova RA: 7339
Pospišil Z: 8092
Post D: 5274
Post JE: 6703
Post M: 7340
Posteli T: 140
Postlethwaite AE: 7341–7342
Postlethwaite JC: 7343–7344, 7344

Postlethywaite AE: 7345
Postoev VV: 6015
Postol'nikov SF: 4194
Postovit VA: 7346–7347
Postrigach ND: 6221
Potakiewicz Z: 967
Potapkina NA: 8559
Potapova IN: 6543
Potaux L: 9475
Potemkina ND: 9671
Potemkina NN: 1540
Poti R: 2103, 7305–7306
Potier J: 2088
Potier M: 7662
Potsic WP: 7437
Potter EV: 3358
Potter JD: 1715
Potter JS: 3407
Potthoff S: 9894
Potts JT Jr: 3232, 8281
Potts M: 1980
Potvliege PR: 7348
Pouché A: 2912, 6994
Poulias GE: 7349
Poulsen HS: 6929
Poulsen JS: 7350
Pour P: 7351–7352, 7352
Pourcelot L: 7353
Pouret JP: 6364
Pousse A: 2439
Pousset JL: 3839
Pousset MB: 2008
Povey S: 703
Powars D: 7084
Powell GF: 7354
Powell JR: 3929
Powell JT: 388
Powell ML: 7355
Powell-Jackson PR: 7356
Powers P: 4046
Powers SR Jr: 8345
Powles R: 8613
Powles TJ: 1882
Pozdniakova TM: 5613, 6459
Pozin EIa: 5506
Pozorska D: 10090
Pozzato G: 2793
Pradalier A: 2260
Pradel E: 7357
Prado ES: 7358, 7954, 7957
Prado JL: 7955
Praetorius F: 7359
Praga C: 7511
Prahl JW: 7360, 9015
Prammer G: 8583
Prandota J: 10023
Prange CA: 7361–7362
Pras P: 403
Prasassarakich P: 9733
Prasse KW: 2289
Prastowski W: 4496
Pratesi F: 7363
Prati R: 8686
Prats M: 7364
Pratt GH: 7365
Pratt ML: 7366
Pratt WB: 6624
Pratt-Thomas HR: 7421
Prchal JF: 46
Prchal JT: 904
Prcić M: 970
Prechtel K: 7367
Predecki P: 7368
Predine J: 349
Preiser H: 1818
Preiss G: 7369
Preiss J: 2032
Prejac M: 3391
Prelli F: 10046
Premeau MR: 9156
Prendergast FG: 7370
Prengel C: 2905
Prentice CR: 2337, 2716–2718, 5597–5598, 7371, 8525, 9810, 10142
Prentice RL: 9975
Preradov S: 2170
Přerovský I: 6622–6623
Presant CA: 7372, 8862
Prescott JM: 7373, 9969
Prescott LF: 2739
Prescott RJ: 4388, 5712
Preston BM: 3379
Preston FE: 790, 7863
Pretlow TG 2d: 3772
Pretty HM: 300, 6558
Preussner S: 2798, 2801, 3865, 7374
Previato G: 4032, 7375
Previtali G: 8246
Prexl HJ: 7376
Přibylová J: 9706
Price D: 6701
Price DG: 7377
Price MJ: 4037
Price TH: 7378
Price TR: 2321, 3541
Priess H: 4338
Prieto F: 7379
Příkazský: 1211
Primeau JL: 5707
Principe DD: 7380
Pring M: 7031
Printen KJ: 2010
Prior MP: 444
Pris J: 5234
Prishliak VD: 3416
Přistoupil TI: 4964
Pritchard JA: 7381
Privalov PL: 10230
Prive L: 1330
Privett OS: 7382
Privitera PJ: 3580
Prizhivoĭt GN: 6206
Probst P: 7383, 9684
Proca E: 7384
Prochorow M: 7385
Procyk R: 1577
Prodrom I: 7386–7387
Prof. Aiuto G: 7388
Profítós J: 1454
Progonnaia: 2880
Progonnaia VV: 2881
Proinov F: 7053
Prokof'eva MV: 476
Prokopenko LG: 2255
Prokopowicz J: 7230
Prokopyshin MV: 7389
Proksa B: 2895
Prokubovskiĭ VI: 4896, 8015
Proll J: 2816
Promakhina EK: 4192
Prombonas E: 7349
Prompt CA: 5291, 7390
Pross SH: 7391
Prost G: 9266
Prost-Dvojakovic RJ: 5264, 7392, 9457
Protell RL: 7393
Protsenko NV: 9632
Protsenko VA: 4677, 7394–7396
Prou-Wartelle O: 3087
Proubsky ES: 1153
Provan JL: 6700
Provencher D: 3442
Provin D: 3148
Provvedi D: 7813–7814
Prowse CM: 4657
Prowse CV: 2502, 7397
Prudhon JL: 1145
Pruitt BA: 577
Prupas HM: 7398
Prusakov VA: 7399
Pruszczyński M: 7400
Pruszyńska-Bednarek A: 2998–2999
Prydz H: 884, 3103, 6332, 6910, 6915, 9480, 9756, 9996
Pryse-Davies J: 1682
Przybylowski J: 8724
Pshenichnaia KI: 6997
Pubols MH: 3374
Puca GA: 7401
Puccini C: 7402, 8756
Puchala E: 7403
Puchelle E: 7404
Pudles J: 5375
Puget K: 3231
Pugh DM: 3605
Pugh-Humphreys RG: 9206
Pugliese A: 7405
Puglionisi A: 7406
Puglisi M: 3345
Pühringer W: 7407, 10013
Puig LB: 7408
Puig-Parellada P: 7409
Puijk WC: 7410
Pulliam LA: 6100
Pullmann H: 7411
Pur J: 6157
Purcell RH: 6122
Purohit DM: 7412
Purtilo DT: 7413
Purushothaman KK: 7414
Purves MJ: 7415
Pushkar' LN: 5428
Pushkar' NS: 7416
Pusineri C: 7417
Puszkin EG: 7418
Putilin VM: 7419
Putman CE: 4327
Putnam CW: 8754
Putnam FW: 7420
Putney FJ: 7421
Putnin'sh OE: 5227
Putz GR: 7422
Puyfontaine O: 30–31
Puzen'kina NN: 1539
Puziewicz I: 5242
Puzik VI: 7423
Pykälistö OJ: 272
Pyrig LA: 6070
Pyrkov LM: 1334
Pyrovolakis J: 4867
Pytel' AIa: 7424
Pytel' IuA: 7425–7426

Q

Qasim MM: 7427
Qazi M: 7872
Quaglia C: 7428
Quancard X: 7429
Quaranta M: 1429
Quarfordt SH: 8391
Quaroni A: 7430
Quartarone F: 3417
Quast U: 7431–7432, 7432
Queisser W: 6033, 6425
Quellhorst E: 7433
Quemada D: 2231, 7434–7435
Quentel G: 1790
Quesada C E: 4340
Quevauvilliers J: 4268
Quevillon M: 7331
Quichaud F: 7227
Quigley JH: 367
Quiniou-Vidalenc: 8070
Quinlan MF: 7436
Quinn-Bogard AL: 7437
Quintão EC: 7438
Quintero R: 1872
Quiroga E: 7883
Quiroz F: 2235
Qvigstad EK: 1163–1164

R

Raab W: 7439
Raabe DS Jr: 7440
Raaska E: 8947
Rabago G: 3121
Rabić V: 7468
Rabinovich IuIa: 4098
Rabinowitz JC: 7050
Rabinowitz ML: 5924
Rabson AR: 3242
Rabuzzi D: 375
Raby C: 3192, 7441–7442
Rachev I: 7443
Rachkov AG: 6206
Racine L: 4950–4951
Rackley CE: 7725
Racy CJ: 1453
Rácz Z: 3681
Raczniak TJ: 5160
Radaszkiewicz T: 7030
Radavs'kiĭ IuL: 6460
Rådberg T: 5214

Radcliffe R: 7444
Rådegran K: 6857, 7445
Radej M: 3390
Radhakrishnan AN: 1941
Radigan LR: 3180
Radnić D: 970
Radojewski-Hutt AM: 9792
Radomski MW: 3144
Radu T: 7386–7387
Radvany R: 7446
Radwan J: 6279
Radwańska U: 10036
Radzivil GG: 7447
Raether C: 3819
Rafferty B: 7020
Rafflenbeul D: 7448
Raftery EB: 13
Ragatz BH: 4105
Ragatz RH: 4104
Ragaz S: 7449
Ragland JB: 2777
Raguse T: 7450
Raguzin KK: 8325
Rahlfs VW: 7326, 7451
Rahmer H: 8188
Rahmig T: 4077
Rai KR: 8024
Raibaud O: 7452
Raich PC: 7453
Raichs A: 2962
Răileanu I: 7386–7387
Rainer H: 7201
Raines JK: 1335, 3647
Rainsford SG: 320, 7666
Rais O: 1890
Raisman JS: 6128
Raisz LG: 6435
Raithel D: 7454, 8184
Raizada MK: 7455
Raj MJ: 430
Raj MV: 7456
Raj T: 7457
Rajagopalan KV: 4359
Rajah SM: 82, 1144, 7458
Rajan SS: 8721
Rajaram V: 6547
Raju DR: 8853
Rák K: 936, 5917
Rákóczi I: 7459
Rakotoarivony J: 7460
Rakovec S: 21
Rakower SR: 5914, 7461, 7823
Ralph CM: 8345
Ramanathan S: 5300
Ramel AH: 3223
Ramella G: 7462
Ramella M: 9311
Ramey ER: 9444
Ramirez A: 8231
Ramirez B: 3031
Ramirez E: 269
Ramirez F: 3268
Ramirez G: 9871
Ramos A: 9720
Ramos D: 7463
Ramos JN: 5566
Rampengan TH: 6437
Rampling MW: 5181, 5183, 7464–7465
Rampon S: 1330
Rampton JB: 7598
Ramsey RG: 7466
Ramsey W: 8026
Ramwell PW: 202, 4360, 9444
Rance MJ: 5179
Rand PW: 7467
Randell JB: 9905
Randriamora L: 7495
Ranić V: 7468
Ranieri R: 983
Rankin RS: 7469
Ranne GH: 7470
Ranque J: 7471
Ransohoff J: 2480
Ranson JH: 7472
Rao AJ: 5423
Rao CH V: 7473
Rao CV: 7474
Rao G: 327
Rao GH: 3063, 3979, 7475, 9922
Rao KN: 7476
Rao KR: 9135
Rao L: 1857, 3637, 7477
Rao MS: 8415
Rao NS: 7540–7541
Rao PS: 7478
Rao RN: 7479
Rao SB: 4996
Raoul Y: 7480
Rapaport SI: 4549, 6911, 7481, 8081, 8728
Raper CG: 1320, 4139
Raphael B: 5930
Raphael JC: 7482–7483
Raponi S: 7484
Rapoport H: 4160
Rapoport NIa: 6975
Rapp RP: 2230
Rappaport H: 6540
Rappoport NIa: 4188
Raptis S: 2198, 7486
Ras MR: 2825, 7739, 7816
Rasa G: 9589
Rasaretnam R: 7485
Rasche B: 3897
Rasche H: 6945, 7486–7487
Rasched IR: 1957, 7488
Rasco B: 2488
Rasero L: 3604
Rasi GP: 5281
Rasi VP: 7489
Rask L: 7140, 7490
Rasmussen F: 5985
Rasmussen H: 7491
Rasmussen S: 7492
Rasmussen SN: 4325
Raso AM: 7493–7494
Rasolomala R: 4002
Rasolonjatovo-Andriananja P: 7495
Rasore-Quartino A: 2990
Rassulin IuA: 3413, 7911
Raszeja-Wanic B: 3335
Ratajczak T: 7496
Ratchford JM: 7175
Ratcliffe NA: 7804
Rath CE: 1952
Rathore AS: 1007
Ratignier A: 2137
Ratky SM: 3272, 7497
Ratnam SS: 9335
Ratner M: 1664
Ratnoff OD: 2543, 3221, 7317–7318, 7498–7501, 7900
Rattazzi LC: 9510
Ratti R: 7502
Rattner A: 7110
Ratzka M: 6484
Rau JM: 8703
Raufuss H: 799
Raul F: 2439
Raulerson D: 1360
Raulo Y: 7503
Rausch MA: 6446, 8907
Rauscher LA: 2671
Ravaris CL: 7683
Ravaux A: 6319
Raveau A: 4300
Ravens KG: 1215
Ravikumar TS: 7479
Ravin MB: 2230
Ravitz G: 2130
Raviv U: 2804
Ravon R: 5354
Ravussin JJ: 3119
Ray B: 7504
Ray M: 177, 5658–5659
Raymond G: 7505
Raymond SL: 2190
Raynaud EJ: 7506
Rayner SA: 8268
Raynor AC: 5232
Rayón M: 6829
Raz A: 6198, 6272, 6554–6555
Razafinombana A: 852, 5191
Razavi M: 7507
Razumov VB: 7508
Razzolini R: 1583
Rea WJ: 7509
Reagan CR: 4928
Reagan TJ: 7172
Reamer SA: 2973
Reath DB: 7013
Rebecchi LH: 7839
Reber HA: 7510
Rebohle E: 9754
Rebollar JL: 3121
Reboul M: 3125
Reboux JF: 2057
Rebrov LB: 9680
Rebulla E: 6091
Recalcati P: 7511
Recchia V: 2540
Recht B: 4917
Reckless JP: 2939, 7512
Reckling FW: 7513
Recordier AM: 7514
Redding KG: 7515
Reddy CA: 3641
Reddy DV: 7516
Reddy KN: 4793, 7517–7518
Reddy TL: 9384
Reddy VV: 7519
Reddy YS: 7520
Redekopp C: 292
Redfern R: 7521
Redhammer R: 7522
Redisch W: 9153
Redman CW: 994
Redman JF: 2650
Redmond C: 2673
Redmond DE Jr: 7523
Redo SF: 4990
Redshaw M: 2422
Redtenbacher L: 172
Redziuk LA: 224
Reeck GR: 828, 7524
Reed D: 5030
Reed DJ: 410
Reed G: 375
Reed GE: 4170
Reed JB: 2322
Reed LJ: 1975
Reed RJ: 6151
Reed WP: 7525
Reeder MM: 1771
Rees AR: 6783
Rees JR: 7526–7527
Rees PH: 542
Reese EP Jr: 1401
Reese ME Jr: 7528
Reeve EB: 1409, 1548, 9891
Reeves JT: 9866
Reeves PG: 6767
Refetoff S: 9542
Réffy A: 9004
Réfi M: 4120
Refsum N: 7529
Regan H: 2787
Regan TJ: 6362, 7530
Regañon E: 7531–7532, 9628
Regenbogen L: 7533
Régent D: 4755, 7534
Regestein QR: 7535
Reggi M: 1806–1807
Reginster M: 7536
Regling G: 2590
Regnier FE: 8102
Regnouf F: 2004
Regoeczi E: 1585–1586, 3695, 7537
Regoli D: 7538
Rehm A: 8048
Rehman AB: 3350
Reich CF 3d: 981
Reich E: 9541
Reich P: 7535
Reich T: 8213
Reichart P: 7539
Reichel W: 7433
Reichelt D: 9677
Reichenbach H: 4774
Reichert LE Jr: 804–805, 2092
Reichert R: 4555
Reichle FA: 7540–7541
Reichman OH: 7542
Reichmann M: 2489
Reid BD: 5483
Reid BL: 7543
Reid HL: 2229
Reid KB: 8504

Reid L: 7544
Reidy MA: 1083, 1964, 3258
Reif AE: 7545
Reif R: 483
Reif UM: 7546
Reilly BJ: 971
Reimann G: 8265, 9677
Reimerdes EH: 7547
Reimers HJ: 1468–1469, 4729, 7548–7552
Reinbolt J: 2375, 9313
Reindl P: 8056
Reinelt D: 6920
Reinertson MW: 7553
Reinglass JL: 7554
Reinhard E: 8862
Reinhard H: 7555
Reinhardt I: 5351
Reinicke R: 6010, 7556
Reis RL: 3605–3606
Reisch J: 732
Reisner H: 5238
Reisner HM: 3332, 7557
Reitemeier RJ: 5674
Reiter F: 9259
Reitz BA: 3395
Reitz RH: 2228
Rekate HL: 6876
Relier JP: 7558–7559
Relja P: 5516
Rem J: 3453, 3455
Rembaum A: 5015
Remmers AR Jr: 836
Remold HG: 1956, 7195
Remotti G: 2110
Remuzzi G: 2212, 6202, 7560–7562
Rémy J: 7563
Ren P: 7564
Renaer M: 2362
Renard X: 2297
Renaud S: 7565
Renaudin J: 8631
Renault P: 7566
Rendl KH: 7567
Rendoing J: 8923
Rendu F: 5405, 5571, 7568
Reneltová I: 6622
Reneman RS: 2011
Reneva TG: 4103
Renger G: 7569
Renier JC: 7570
Renke W: 1590, 7571
Renkonen O: 1187
Rennels ML: 4672, 6572
Renner IG: 7644
Rennert OM: 1756
Rennick JM: 2269
Rennie JA: 7572–7573, 9805
Rennie JAN: 7574
Rennke HG: 8294
Renovanz HD: 3968
Rentería Uribe J: 8498
Rentier B: 7536
Repelaer van Driel OJ: 2348
Repina MA: 7575–7576, 7576, 8582
Resenchuk AI: 10252
Reshetnikova LN: 4171
Resi L: 9844, 9846
Restelli MA: 2982
Retik AB: 7577
Rettberg WA: 1515
Reuben A: 7578
Reuben J: 2482–2483
Reut AA: 7579–7580
Reuter H: 1004, 6213, 7581–7583
Reuter W: 6919
Reuterby J: 9770
Reutern GM: 7584
Revak SD: 3398, 7585–7586
Revin AN: 7587, 10283
Revoltella R: 6092
Revskoĭ AK: 7588
Reyes F: 1146, 1217
Reyes M: 79
Reymond JL: 169
Reynaert R: 7083
Reynaud J: 2094
Reyniak JV: 8739
Reynier J: 7589
Reynolds DG: 3512
Reynolds G: 6767
Reynolds JJ: 7590, 8304
Reynolds N: 3359
Reynolds RC: 986, 9794–9796
Rezáčová D: 5096
Rezaković D: 7591
Reznik G: 7592
Reznik-Schüller H: 7539
Reznikoff WS: 7593
Rezza E: 1326
Rhee CY: 3687, 3689
Rhee SH: 1857, 3428
Rheiner P: 6120
Rhodes DP: 7516
Rhodes EL: 7594
Riabov IuV: 9632
Riaskoff S: 7595
Ribadeau Dumas B: 1156–1157
Ribadeau-Dumas JL: 7353
Ribbi A: 269
Ribet A: 9294
Ribet M: 2553–2554
Ribot S: 1141, 3111
Ricanati ES: 4674
Riccardi L: 166
Ricci C: 7216
Ricci M: 7329
Ricci P: 7837
Riccomi H: 5632
Rice EW: 7596
Rice RH: 7597
Rice S: 2109
Rich KA: 5602
Rich N: 487
Rich NM: 1712, 1714
Rich R: 3581
Richard C: 689
Richard J: 5266
Richard JP: 9614
Richard-Foy H: 8262
Richards DH: 992
Richards FF: 5842, 7765
Richards JH: 4056
Richards KL: 7598
Richardson JP: 5601
Richardson M: 7599–7600, 7600
Richardson PD: 5966, 7601–7602
Richardson RL: 1699
Richardson SG: 7603
Richarz R: 7604
Richaud C: 2275, 7605
Richens A: 7606
Richerson HB: 263
Richert ND: 7607
Richet G: 297, 4490
Richey WA: 4283, 7608
Richmond J: 3598
Richter C: 7609
Richter E: 774, 4077, 10261
Richter IE: 3779
Richter J: 7610
Richter P: 8900, 9765
Richter S: 7819
Richter V: 4216
Richter W: 8196
Rick ME: 7611–7612
Rick PD: 7616
Rickard CG: 6703
Rickard KA: 2534–2535, 7613
Ricken D: 2690
Rickert WS: 7614
Rickles FR: 87, 7615–7616, 7616
Ricotti MP: 1432
Ricour C: 7617
Ricucci G: 2875, 7618
Riddiford LM: 3098
Riddle J: 8422
Ridell B: 5100, 7619
Ridolfi RL: 7756
Ridway JC: 7620
Rieche K: 9774
Riedel M: 9942
Riedler GF: 7621–7622
Riedler L: 5502, 7623
Riegel K: 5476
Rieger H: 7624, 8126–8127
Riekkinen P: 7625
Riemann JF: 2232
Riensenfeld J: 7626
Ries CA: 7627–7630
Ries W: 7631
Rieselbach RE: 9280
Riesen WF: 7632
Riesenfeld J: 5472
Rietschel ET: 7633
Rieu D: 5362
Rifkin DB: 7634–7636
Rifkind D: 7136
Riftina FD: 5552
Rigaud JL: 7637
Rigbi M: 7638
Riggio RR: 7639
Rigler B: 7640
Rignault D: 2514, 5799
Riker W: 6607
Rikhter M: 4775
Riles TS: 6948
Riley DJ: 7641
Riley GJ: 1071, 3181
Riley JF: 4282
Riley LH Jr: 6159
Riley M: 2219
Rim E: 3932–3933
Rimeslåtten H: 4902
Rimland B: 7642
Rimon A: 8081
Rimon D: 7643
Rimon R: 675, 2578
Rinaldi A: 6091
Rinderknecht H: 7644–7645, 8668
Riordan JA: 7413
Riordan JF: 4406
Riou JP: 7646
Rioux F: 7538
Ripa KT: 7647
Rippon WB: 2543
Risberg B: 7648–7650
Rise A: 7651
Risemberg HM: 6046
Rishi JP: 7652
Rishpon S: 2311
Risler Y: 3075
Risse JF: 1183
Ritchie AC: 2602
Ritchie DM: 2177
Ritchie JC: 1456
Ritchie JL: 7653
Ritchie RF: 1626
Ritland S: 7654
Ritschel WA: 7655
Rittenhouse HG: 7656
Rittenhouse-Simmons S: 7657
Ritter G: 7338, 7658
Ritter H: 2454, 3445
Rittich B: 7659
Ritz CJ: 7660
Ritz E: 218–219, 9344
Rius T: 2926
Rius Chornet JM: 4341
Riva A: 784
Riva G: 7661
Rivard GE: 7662
Rivas J: 3430
Rivas-Martin J: 7663, 8192
Rivellese A: 7812
Rivera L: 1848
Rivers RP: 3691
Rixon RH: 7664
Rizvi JH: 6293
Rizza CR: 829, 7665–7666
Rizzo F: 291
Rjosk H: 9692
Roach MR: 1916
Roba J: 7667–7668
Robb CA: 5682
Robb RM: 7669
Robbins A: 5183
Robbins J: 1550
Robbins KC: 7670, 8940–8941, 10033
Robbins RC: 7671
Robblee LS: 7672
Robboy SJ: 1720
Robel P: 923
Roberge FA: 9172
Robern H: 2134
Robert D: 7673
Robert H: 7674
Robert J: 7179

Robert L: 5324
Roberts AN: 1879
Roberts BE: 1320
Roberts D: 3539
Roberts E: 5148
Roberts EE: 7675
Roberts GM: 7675
Roberts HR: 908–909, 5363, 7557, 8887, 9918
Roberts JB: 1132
Roberts RC: 9867
Roberts RR: 7676
Roberts VC: 7677
Roberts WC: 1862, 7678–7679, 8716
Robertson DA: 8397
Robertson J: 7192
Robertson JS: 7680
Robertson JT: 3546
Robertson RJ: 2423
Robev S: 7777
Robicsek F: 7681
Robillard J: 5265
Robinson B: 1687
Robinson CM: 7545
Robinson CR: 1838
Robinson D: 7682
Robinson DS: 1849, 7683, 7722–7723, 8949
Robinson FW: 4894
Robinson LD: 7684
Robinson N: 3337, 6638, 7685
Robkin L: 1084, 3947
Roblero J: 1847, 7686
Roblero JS: 7687
Roblin RO: 1600, 2314
Robson AM: 134, 7688
Robson EB: 7689
Robson MC: 6682
Robson RM: 3941
Rocca G: 1364
Rocchetti R: 6467
Rocchi R: 6084, 7690, 9268
Rocha AG: 9164
Rocha E: 7691–7692
Rochant H: 1217, 7693
Rochat H: 624
Roche C: 3485
Roche J: 2587–2588, 3485
Roche-Sicot J: 2580
Rocher P: 8262
Rocher R: 6923
Rocher T: 6922
Rock CO: 7694–7695
Rock G: 7696–7697
Röckel A: 3779
Rockett JF: 7698
Rocklin RE: 7699
Rockwell RJ Jr: 3217
Roda LG: 7700
Rodén L: 5472
Roden M: 7701
Rodermund OE: 5763
Rodés J: 1653
Rodesch P: 7702
Rodet M: 5848, 5850
Rodey GE: 2298
Rodgers PS: 7703
Rodiek S: 7704
Rodighiero G: 7705
Rodina I: 6115
Röding H: 7706
Rodionov IM: 7707
Rodionow IM: 5050
Rodrigo F: 7708, 7861
Rodrigues MM: 8419
Rodríguez A: 2003
Rodríguez F: 163
Rodriguez LH: 7709
Rodriguez MC: 2714
Rodríguez S: 2003
Rodríguez-Argüelles J: 7710
Rodríguez Doreste OL: 7711
Rodríguez-Erdmann F: 7712
Rodriguez-Luis F: 3252
Rodríguez Maqueira ME: 686
Rodt H: 3
Rodvein R: 7713
Rodvien R: 3744, 5480, 6145, 7714–7715
Roeckel IE: 8067
Roels H: 1243
Roenigk HH Jr: 8346
Roesch A: 7716
Roesch E: 7716
Roew FP: 7717
Rogana E: 5881
Rogel S: 583, 1954, 7718
Rogen AS: 5248
Roger JH: 9527
Roger M: 1467
Rogers AE: 7719
Rogers BH: 895
Rogers HG: 7720
Rogers JS: 7721
Rogers MP: 7722–7723
Rogers PH: 7724
Rogers Q: 8871
Rogers RS 3d: 7122–7123
Rogers SB: 4350
Rogers W: 8713
Rogers WJ: 7725
Rogner G: 7726
Rognoni F: 7727
Rogolsky M: 7728
Rogova EM: 3297
Rogovskiĭ VIa: 8348
Rogowski F: 3323
Rohde TD: 893
Rohde WA: 8085
Rohen JW: 7729
Rohloff NA: 3175
Rohmer F: 7840
Rohrer TF: 7730
Roigas H: 3667
Roitman I: 1998
Rojas M: 1847
Róka L: 6780
Rokushima Y: 6001
Roland FP: 7731
Roland J: 7179
Roldán Pascual T: 6730
Rolseth BM: 3261, 9177
Romach M: 1380
Romagnoli GF: 4032
Romaguera C: 7732
Roman J: 2213
Romaniuk NI: 8797
Romankiewicz JA: 7733
Romano A: 6994
Romanoff H: 5858
Romanov EI: 7734
Romanov VV: 578
Romanova AF: 9234
Romanova EV: 8020
Romanova LG: 7707
Romanowska-Gorecka B: 371
Romashchenko AD: 7735
Rombauts W: 9502
Romčević B: 7468
Romen W: 7736
Romeo S: 7737
Romero C: 7738
Romero E: 7740
Romero R: 7739
Romero Bobillo E: 7740–7741
Romero-Herrera AE: 7742
Romero-Villaseñor G: 3254
Römhild N: 6920
Romics L: 7743
Romijn C: 9518
Rommelsheim K: 5441
Romon M: 4256
Romualdez AG: 7744
Ron M: 10098
Roncaglioni MC: 2024–2025, 7561, 9949
Roncalli MG: 7618
Roncucci R: 7668
Ronda-Lain C: 5563, 7745
Rondier J: 1467, 7746
Ronen M: 1831
Ronen O: 3109
Ronne A: 6627
Ronzière MC: 7110
Roodman S: 4375
Roon AJ: 7747
Roos J: 944, 5531, 9512
Roos S: 5737
Roostar L: 9364
Ropartz P: 6216
Ropelewska J: 6278
Roper P: 6243
Roques JL: 7328
Roques M: 7748
Rosa J: 1095, 2968
Rosa M: 7462
Rosas R: 1847, 7749
Rösch J: 7750
Rösch W: 9387
Roschke EJ: 7990
Rose AG: 5579
Rose AW: 1423
Rose E: 7751
Rose FC: 3182
Rose JC: 4360
Rose JQ: 7752
Rosen FS: 7753–7757, 7755
Rosen L: 5030
Rosen PP: 7756
Rosen R: 7757
Rosen RL: 8373
Rosenbaum AE: 2015
Rosenbaum E: 4478
Rosenbaum TJ: 7758
Rosenberg E: 7759
Rosenberg H: 6423
Rosenberg HG: 6424
Rosenberg IL: 7299
Rosenberg JC: 5341
Rosenberg R: 7939
Rosenberg RD: 1917, 7760–7761, 8765
Rosenberg SA: 8835
Rosenberger A: 4444
Rosenblum WI: 7762–7764
Rosenburg H: 2180
Rosenbusch CA: 6683
Rosenbusch JP: 4240–4241
Rosenfeld AC: 10191
Rosenfeld C: 3314
Rosenfeld J: 7643
Rosenfeld JB: 7238
Rosenfeld SI: 1133
Rosengarten DS: 2565, 5735
Rosenstein R: 10189–10190
Rosenstein RW: 5842, 7765
Rosenstreich DL: 4439
Rosenthal A: 577
Rosenthal AS: 2437
Rosenthal D: 7766
Rosenthal IM: 330
Rosenthal KL: 7767
Rosenthal RS: 7768
Rosett W: 2600
Rosi A: 5123
Rosier JP: 7357
Rosito P: 5831–5832, 5832–5833
Roskoski R Jr: 7769
Roslikov NP: 3307
Rosner B: 4550
Rosner BR: 10275
Rosoff L Jr: 7770
Rosoff L Sr: 7770
Ross AC: 7771
Ross B: 1675
Ross DA: 1426
Ross IC: 2544
Ross M: 7772
Ross R: 3629, 7773–7775
Ross RT: 7776
Ross WM: 7777
Ross Russell RW: 9179
Rosse WF: 2182
Rossel CW: 4921
Rosselet E: 7778
Rossen RD: 6242
Rossi A: 979, 1788, 3108
Rossi E: 1403, 1412, 7313
Rossi EC: 3357, 7446, 7779
Rossi F: 7780
Rossi J: 8934
Rossier G: 6161
Rossinskaia EB: 2368
Rossio J: 3223
Rössler H: 3915
Rossmann P: 6622
Rössner S: 7781–7782
Rostand RA: 7783
Rostovtseva NA: 4578
Roswell DF: 9917
Roth AC: 10174
Roth GJ: 6198

Roth JA: 1686
Roth P: 5218
Roth RM: 7784
Roth W: 3667
Rothberg M: 7785
Rothberger H: 7786
Rothe CF: 7787
Rothenberg SP: 1803
Rotheram EB Jr: 7788
Rothman SS: 7789–7790
Rothman U: 15
Rothmann P: 8097
Rothschild AM: 7791
Rott R: 4784
Rottcher KH: 2125
Rottembourg J: 7792
Roubal Z: 1477
Roucayrol JC: 3904
Roucous C: 622
Rouen LR: 9153
Roujas F: 7793
Rouleau C: 2273, 3481
Rouleau M: 7794
Rouleau P: 6613
Rounds DE: 7795
Rourke JT: 5483
Rousell RH: 13
Rousseaux J: 7796
Rousseaux P: 7797
Rousselot JP: 7798
Routhier R: 8282–8283
Rouvier J: 1126, 10259
Roux H: 7514
Rouzaud PB: 8512
Rovelli F: 2725
Rowan RM: 7799–7800, 7800
Rowden G: 7801
Rowe FP: 7802
Rowe H: 5344
Rowett D: 7803
Rowlands DJ: 1464
Rowlands DT: 7115
Rowley AF: 7804
Roxburgh AE: 7093–7094
Roy B: 7805
Roy CC: 6324, 9494
Roy DC: 8851
Roy JH: 9147, 9981
Royer GP: 7806
Royster TS: 6409
Rozanis J: 7807
Rozé C: 1517
Rozencweig M: 5317
Rozenfel'd EL: 7808
Rozenfel'd MA: 343, 4679, 7809
Rozhanskaia TI: 7810, 8299
Rozhnov IuV: 9148
Rozin DG: 7811
Rozin R: 4442
Rozman BS: 5377
Rożniecki J: 7858
Rozsíval V: 6576
Rubanik VV: 5797
Rubba P: 7812
Rubegni M: 7813–7814
Rubenfeld S: 7815
Rubenstein E: 7071
Rubies-Prat J: 2825, 7739, 7816
Rubin AE: 8634
Rubin AL: 7639
Rubin CE: 7393
Rubin J: 5674
Rubin JW: 7817
Rubin K: 4762, 6831
Rubin MH: 9907
Rubin RN: 470, 7818
Rubin W: 5393
Rubin Z: 7819
Rubinshtein SIa: 4888, 8266
Rubinskaia NL: 3010
Rubinstein HM: 2149
Rubinstein I: 1828
Rubinstein M: 7820, 8389
Rubinstein MF: 1063
Rubio V: 7821
Ruble PE Jr: 3933
Rübsaamen H: 7822
Ruch GL: 6370
Rucinski B: 8906–8907
Ruckenstein E: 5913–5914, 7823–7824
Rückert KH: 1601
Ruckley CV: 4388, 5712, 7825
Rud' SS: 3032
Ruda MIa: 1534
Rudakov AA: 6875
Rudders RA: 7826
Rudek W: 7827
Rüdiger KD: 5905, 6059
Rudkowski A: 8753
Rudkowski Z: 7828
Rudman D: 3829, 4928
Rudneva AV: 7829
Rudnick G: 7830
Rudolf H: 1474
Rudolf J: 9774
Rudolf K: 2797
Rudolf R: 5755
Rudol'fi VA: 8799
Rudolph N: 7831
Rudolph R: 7832
Rudorff KH: 3809
Rudova AI: 8574
Rudowski WJ: 7833
Rudzit EA: 4096
Rudzki Z: 7834
Rueff B: 5277
Rüegg M: 7835
Ruenwongsa P: 1620
Ruet ta: 8321
Ruf B: 2355
Ruff F: 7017
Rufilanchas JJ: 5915–5916
Rüger J: 3577
Ruggeri ZM: 5851–5852, 5855, 7836
Ruggero D: 7837
Ruggieri F: 2704
Ruggieri S: 5758
Ruggiero A: 7838
Ruggiero HA: 7839
Ruh-Bernhardt D: 7840
Ruiz CE: 2898
Ruiz Company S: 7328
Ruíz-Gamietea MA: 2962
Ruiz-Herrara J: 5568
Ruiz-Herrera J: 7841–7842
Ruíz-Reyes G: 7843
Rull Bartomeu M: 7844
Rumack CM: 9896
Rumiantsev VV: 7845
Rumke P: 7960
Rumpf KW: 7846
Rumpf P: 6631
Rundle AT: 7847
Rundquist I: 2461
Rune SJ: 3978
Runswick MJ: 9743
Rupley JA: 7918
Rupp N: 4992
Rupprecht E: 7848
Rurangirwa F: 4478
Rusak AF: 578
Rusanov VM: 7849
Rush EC: 7850
Rush R: 4752
Rushizky GW: 9929
Rusiaev VF: 7851–7853
Ruškov P: 9261
Russek HI: 7854
Russel D: 3244
Russell D: 9865
Russell DB: 6167
Russell E: 7107, 9618
Russell ES: 903
Russell FA: 7855
Russell P: 7457
Russell PA: 7368
Russell RG: 790
Russell RO Jr: 7725
Russell WJ: 8308
Russin DJ: 388, 10186
Russo SF: 7856
Rust M: 3160
Rusticali F: 6312
Rustin GJ: 7857
Ruta U: 7858
Rutberg RA: 7251, 7859
Rutemoller M: 2643
Rutgeerts L: 7860
Ruth WE: 3643
Rutishauser G: 9691
Rutishauser U: 8111
Rutten WP: 2039
Ruza F: 552, 5864, 7861
Rwegellera GG: 6821
Ryan C: 7977
Ryan CA: 3515, 4031, 7862, 9750
Ryan D: 2283, 9194
Ryan FP: 7863
Ryan GB: 1077, 7864
Ryan J: 2286
Ryan LT: 9310
Ryan R: 7865
Ryan RJ: 7607
Ryan TJ: 7866
Rybák M: 7867
Rybakov VN: 1334
Rybkin AV: 4890
Rybo G: 3554
Ryć K: 9437
Rychnev VE: 7868
Rygh M: 308
Rylander R: 7869
Rylek R: 967
Rymaszewski Z: 726, 7870
Rymer R: 9833
Rynbrandt D: 7871
Ryo UY: 7872
Ryschkewitsch W: 5723
Ryssel HJ: 1221
Ryzhkov SV: 7873
Ryzhov VM: 5498
Rzaev NM: 7874
Rzepecki A: 7875

S

Saad AD: 7956
Saadjian A: 315
Saal JG: 3860, 3862
Saal SD: 7639
Saalfrank V: 8776
Saarela E: 6734
Saari M: 7876–7877
Sabato A: 983
Sabbaga E: 2941
Sabbah HN: 7878, 8778
Sabesin SM: 2777
Sabeti M: 7879–7880, 7880
Sabetta G: 2049–2050
Sabin G: 2690
Sabiston DC Jr: 2301, 4397, 7881
Sablofski I: 6597
Sabol SL: 3092
Sacerdote P: 8326–8328, 8327–8328, 8330
Sachatello CR: 3400, 6019, 7882
Sache E: 5575
Sachs DH: 8434
Sachs L: 6201, 9742
Sachs LOVOT, Israel.ion of myeloid leukemic cells. Relationship to free and anchored surface receptors.e reaction: 9658
Sack ES: 7883
Sack GH Jr: 7884
Sackett DL: 4046
Sacks AH: 5507
Sacktor B: 3043
Sacra PJ: 3311
Sadeghi H: 7174
Sadjadpour K: 7885
Sadkov SA: 7886
Sadler AH: 8373
Sadler TE: 5169
Sadoff HL: 9649–9650
Sadoff JC: 8480
Sadoshima S: 7887
Sadovnik OV: 8882
Sadovskaia GV: 1533
Sadovsky E: 10098
Sadowski J: 8955
Saegesser F: 7967
Saelinger CB: 7888
Saenz A: 4301, 6899, 9379
Saez JM: 7646
Saez Martin L: 6730
Safarov FKh: 7889
Safer A: 7326

Saffen EE: 1624
Saffle JR: 2966
Safier LB: 5872
Safronova MI: 9708
Safronova TA: 8656
Sagar S: 8253, 8734, 9181
Sage J: 6538
Sagel J: 1728–1729
Sagel SS: 5397
Sagisaka K: 7890
Sagripanti A: 6985
Saha GB: 7891
Sahashi K: 2862
Saheb SA: 7892
Saheki T: 3954
Sahel J: 1886
Sahud MA: 7893–7894
Saida T: 5992
Saida Y: 4892
Saidbaeva LM: 7895
Saiga H: 7896
Saihan EM: 7897
Saijo N: 9084
Sailer S: 5502
Saimyoji H: 2850
Sainsbury GM: 1274
Saint-Maurice C: 7898
Saint Paul B: 8867
Sairam MR: 7899
Saito A: 4177
Saito H: 2210, 2543, 3221, 7317, 7900–7904
Saito J: 2890
Saito M: 3875
Saito Y: 7905–7906
Sajko G: 2784
Sajtos L: 6416
Sakagishi Y: 4884
Sakaguchi G: 6234, 6803
Sakai DN: 7907
Sakai H: 6317
Sakai T: 6507, 7908
Sakaki Y: 4559
Sakakibara F: 7909
Sakakibara S: 2899
Sakalas R: 630
Sakamato Y: 4707
Sakamoto H: 9065
Sakane M: 4484
Sakar DV: 1869
Sakata H: 9027
Sakata R: 6230
Sakellariou C: 2166
Sakharchuk II: 7910
Sakharov RS: 7911
Sakharov IuK: 7912
Sakhno LV: 6101
Sakihara GA: 6376
Sakiyama F: 10118
Sakiyama T: 7913
Saklatvala J: 7914
Saksela E: 7915
Saksena FB: 7916
Sakulsky SB: 7917
Sakura JD: 7918
Sakuragawa N: 6005, 7919–7922
Sakurai T: 6491
Sakurai Y: 8296
Sakurama S: 10138
Sakuta S: 9041
Sala A: 2609
Salahović S: 7923
Salant D: 3244
Salat J: 9574
Saldeen T: 1407, 2155
Saleem A: 4249, 7924
Saleun JP: 2822–2823
Salfner B: 7925–7926
Salganicoff L: 2855
Salganik RI: 6101
Salienko ZN: 7927
Salimbeni S: 1383
Salimei E: 1037
Salimi A: 7928
Sallmann HP: 7929
Salman L: 7930
Salman RA: 7930
Salman SJ: 7930
Salmona M: 9948
Salomon J: 2487
Salomon MI: 6530
Salomon NW: 7931–7932
Salomone A: 2930
Saltman R: 7933
Salts Y: 7226
Saltzstein EC: 9280
Salvadori S: 9268
Salvati EA: 7934
Salway JG: 7935
Salyers AA: 7936
Salzman E: 8514
Salzman EW: 1775, 3573, 3645, 3647, 7937–7945
Salzmann G: 7946–7947
Salzmann P: 7948
Samama M: 1249, 1733, 2096, 2726, 5287, 6326, 7392, 7949–7950, 8673–8674
Samarina GIa: 270
Samarrae WA: 7951
Samellas W: 7952
Samenkova MF: 6373
Samish M: 111
Samochowiec L: 10034
Samoĭlova ZT: 7953
Samokhin GP: 728, 4787–4788
Sampaio CA: 7954–7956
Sampaio LO: 2148
Sampaio MU: 7358, 7957
Sampathkumar S: 1198
Samplawska-Maj B: 4495
Sampol J: 5349
Samson-Corvera EB: 1972
Samsonov MA: 224, 7958–7959
Samtleben W: 2655
Samuel T: 7960
Samuels LT: 1331
Samuels ML: 7709
Samuelsen A: 2467
Samuelsson B: 3339, 5817, 7961–7962, 8989
Sanai K: 9412
Sanal SO: 1252
Sanberg LB: 9289
Sanchez A: 4285
Sanchez GF: 6545
Sanchez M: 7963
Sánchez MP: 1434
Sánchez Martínez F: 6730
Sánchez Muros J: 2014
Sánchez Yus E: 7964
Sanchioni L: 2110
Sanchis Closa A: 7965
Sancho H: 30
Sandberg L: 7140
Sandberg LB: 158, 7966
Sandblom P: 7967–7968, 7968
Sande MA: 7969
Sande RD: 8054
Sandelin K: 1187
Sander EG: 9290
Sander G: 3743
Sander W: 9438
Sanders B: 5718
Sanders EJ: 7970, 8035
Sanders JH: 1697
Sanders PR: 7655
Sanderson JM: 10075
Sandhu TS: 7971
Sandin B: 3799
Sandler B: 7972
Sandler JA: 1642
Sandler M: 3181–3182, 7973
Sandmann W: 7974
Sandvoss G: 560
Sanford SE: 3041
Sangar DV: 1464
Sankale J: 1075–1076
Sankar DV: 1870
San'ko DF: 6207
Sannes PL: 7975
Sannino A: 1167
Sano H: 4446
Sano K: 4715
Sano T: 7976
Sansaricq C: 8470
Santagelo G: 1628
Santais MC: 7017
Santamaria A: 517
Santarelli I: 5758, 9122
Santarius K: 7977
Santiago SM Jr: 7978
Santiano M: 7405
Santiesteban R: 6866
Santillo C: 6991
Santillo PA: 5124
Santini G: 1403
Santomé JA: 10209
Santos MT: 9482–9483
Santucci MA: 7837
Sany J: 7979
Sanz MA: 7980
Sapelli PL: 7981
Sapin C: 842, 5158
Sapire KE: 7982
Sapolsky A: 7983
Sapolsky AI: 7984–7985
Saračevic IR: 970
Sarajas HS: 7986
Sarauskas T: 5301
Saraux: 5278
Sarcione EJ: 7987
Sardaña J: 2962
Sarengi NN: 3090
Sarg M: 1175
Sargent MD: 5553, 7988
Sargin KE: 226–227, 1533
Sargus MJ: 181–182
Sarin LK: 8419
Sarji K: 1728
Sarji KE: 3347, 6187
Sarkany I: 527
Sarkar JK: 7989
Sarker D: 6486
Sarles H: 1886
Sarles HE: 836
Sarma R: 7990
Sarmiento A: 4322
Sarnowska Z: 9437
Sarramon JP: 7991
Sarrión JV: 6829
Sarti G: 7992
Sarti P: 9551
Sarto GE: 1911
Sartor K: 7993
Sartorelli AC: 1789
Sarver JA: 4894
Sarwar M: 7994
Sas G: 7995
Sasahara AA: 5713, 7007, 7996, 8368–8369
Sasakawa S: 7997–7998
Sasaki M: 7999–8000, 8000, 8922
Sasaki N: 4581
Sasaki T: 4486–4488, 4487–4488
Sasaki Y: 8001
Sasavage NL: 5368
Sasse EA: 9786
Sastry KV: 77
Sata T: 9072
Satinover F: 5718
Sato H: 8002
Sato K: 10120–10121
Sato N: 8003
Sato R: 2473
Sato S: 6814, 8004
Sato T: 2863, 8977
Satoh K: 9041
Satolli E: 1743
Satow Y: 8005
Satter P: 5464
Sattler EL: 5767
Sauar J: 7654, 8006
Saucier T: 5930
Saudan Y: 3069
Sauer E: 9162
Sauer G: 7030
Sauer RT: 8281
Saunders EF: 4051, 5698
Saunders JH: 2259, 2817
Saunders K: 2597
Saundry RH: 8007
Saur W: 4262
Sausen KN: 2569
Sausse A: 7417
Sautarel M: 7972
Sauter R: 8008
Sautter RD: 8009, 9867
Sauvage JP: 2696
Sauvage LR: 5245
Sauvant D: 1581

Sauvezie B: 1330
Savaglio N: 7558
Savariau E: 4304, 5405
Sávay G: 7257
Savchenko VB: 5888
Savel'ev NM: 8010
Savel'ev VS: 8011–8019
Savel'eva EV: 112
Savel'eva GM: 8016
Saveleva TV: 8017
Savenkov MP: 5513, 8018
Savettieri G: 8019
Savić B: 9173
Savina PN: 8020
Savinovskaia AV: 8021
Savko VV: 8455
Savorani G: 7992
Savushkin AV: 5114
Sawada J: 8022–8023
Sawaki S: 8921–8922
Sawanobori-isobe E: 10119
Sawecka J: 10202
Sawicki S: 7875
Sawitsky A: 8024
Sawyer PN: 8025–8026, 8818
Sawyer TH: 8027
Sawyer WD: 7768
Saxena KC: 6405
Saxena NC: 8028
Say A: 1968
Say JC: 1573, 3108
Saya MJ: 6385
Sayed JK: 2210
Sayer PD: 4478
Sayers MP: 4921, 8029
Saykaly RJ: 3937
Sbarbaro JA: 8030
Scaffidi L: 8031
Scaffidi V: 8031
Scafuro M: 1167
Scaggiante L: 1487
Scaglione EM: 1676
Scali P: 7674
Scandalios JG: 6916
Scanu AM: 1625
Scapin S: 9308
Scarborough GA: 8032
Scarff TB: 2015
Scawen M: 8033
Schaaf M: 1783
Schaarschmidt K: 8177
Schabort JC: 4638
Schachinger H: 8034
Schacht RG: 8154
Schachter M: 569, 3924, 8035
Schacter BA: 8036
Schade DS: 8037–8038
Schade R: 8039
Schaedelin J: 6265
Schaefer EJ: 3271
Schaefer H: 10243
Schaeg W: 918
Schaerf RH: 8040
Schaerg W: 6616
Schäfer D: 3871, 3887
Schäfer EA: 3447
Schäfer R: 3871, 9354
Schäfer W: 8041
Schaffer G: 4753
Schaffrath D: 8042
Schalin L: 6856
Schall WD: 8043
Schaller K: 8044
Schalm OW: 8045
Schamaun M: 8046
Schander K: 2355, 8047–8048, 8048
Schaner EG: 8049
Schantz R: 495
Schanzer H: 1109
Schaper J: 8050
Schaper W: 8050
Schärer HU: 8550
Scharfman A: 7796
Scharmann W: 2821
Scharrer I: 8051
Scharschimidt BF: 8052
Scharschmidt BF: 8053
Schassan HH: 7158
Schatzberg AF: 8085
Schaub RG: 8054
Schauer A: 8055
Scheck R: 7486–7487
Schedel F: 8056
Scheele K: 6421, 8057
Scheffel JW: 8058
Scheffel U: 8059
Scheid A: 8060
Scheid W: 8061
Scheinin TM: 8062
Scheinmann PL: 8975
Scheler F: 3130, 7433, 7846
Schelling JL: 8063
Schellong G: 8064
Schelp FP: 8065
Schenk H: 8066
Schenkar DL: 8067
Schenkein I: 8068
Schenker A: 6244
Schenker U: 6241
Schentag JJ: 7752
Scher CD: 258
Scher CS: 1236
Scher ML: 6733
Scheraga HA: 3545, 5981, 9081–9082, 9522
Scherpereel B: 7797
Scherperel P: 8069
Scherrer A: 1127
Scherrer P: 8070
Scherstén T: 1615
Scherz M: 218
Schettler G: 8071
Schetz J: 1710
Scheuch DW: 5059
Scheuer PJ: 5555–5556
Scheven C: 8072
Scheydeker JL: 8923
Schianca SC: 2930
Schiano A: 7514
Schick P: 6945
Schick PK: 5393
Schickedanz H: 636–637, 8105
Schier O: 5960
Schiessler A: 8073
Schiessler H: 6806, 6809, 8074–8076, 8112
Schiff ER: 4079
Schiffer CA: 93, 8077–8080, 8078–8080
Schiffman S: 8081–8085, 8083
Schiffmann E: 356
Schiffter R: 8084
Schild AF: 9510
Schild GC: 6937
Schildberg FW: 8177
Schildkraut JJ: 8085
Schildt B: 5141–5142
Schill WB: 2145, 8086–8088, 8087–8088
Schiller AL: 1910
Schiller CM: 8089
Schiller PW: 8282
Schilling A: 5954, 8090
Schilling B: 8264, 9677
Schiltz E: 8091
Schimmel D: 8092–8093
Schimmel I: 8092–8093
Schimmer O: 8094–8095
Schimpf K: 8096–8097
Schindera F: 8964
Schindler AE: 2815
Schinella R: 7472
Schinitsky MR: 10148
Schinski VD: 6457
Schiodt M: 8098
Schipany W: 1297
Schipperheyn JJ: 2114
Schirger A: 7917
Schirmer RH: 9701
Schirren C: 8099–8100
Schischke B: 2821
Schittek A: 8101
Schivazappa L: 1219, 1583
Schjönsby H: 9687
Schlabach TD: 8102
Schlag G: 8103–8104, 8104
Schlagenhauff RE: 2124, 4694
Schlamowitz M: 3864
Schlegel N: 3488
Schleicher C: 8105
Schleider MA: 8106
Schleifer KH: 8107
Schlemmer M: 5605
Schlenzka D: 8108
Schlesinger DH: 8109
Schlesinger M: 2924–2925, 8110
Schlessinger J: 8111
Schleuning WD: 1015, 8112–8113
Schlichting K: 8114
Schlienger JL: 4136
Schlierf G: 10270
Schling M: 5251
Schlinger L: 3712
Schlom L: 2253
Schlosser U: 481
Schlosser V: 8115–8117, 8706
Schlunk T: 4438
Schmandke H: 8118
Schmehe G: 1290
Schmelczer M: 1291
Schmell E: 8119
Schmer G: 1116–1117, 3804
Schmid FR: 4253
Schmid H: 9849
Schmid HE Jr: 4074
Schmid HJ: 3861
Schmid JF: 8120
Schmid K: 8121, 8907
Schmid M: 3125, 8122, 8176
Schmid-Schöbein H: 7624
Schmid-Schönbein H: 8123–8131, 9672
Schmidt B: 8128–8129
Schmidt D: 8130
Schmidt E: 8131
Schmidt GB: 8132
Schmidt GJ: 44
Schmidt HD: 3501–3502
Schmidt K: 8133
Schmidt KG: 8134
Schmidt M: 8135
Schmidt NA: 2039
Schmidt NJ: 8136
Schmidt O: 8952
Schmidt OP: 8137
Schmidt RH: 8138
Schmidt RM: 1184
Schmidt U: 939, 8139
Schmidt UJ: 8140
Schmidt W: 2356–2357, 8141–8142
Schmidtler F: 8177
Schmiedt E: 2402
Schmitges CJ: 5199
Schmitt CG: 4850
Schmitt HE: 8207
Schmitt HP: 8143–8144, 8144
Schmitt J: 6715
Schmitt LH: 7212
Schmitz TH: 138
Schmitz W: 8145
Schmukler M: 8078
Schmukler R: 2268
Schnabel W: 597
Schnack H: 2663
Schnackerz KD: 8091
Schnaitman CA: 2138
Schnall AM: 8146
Schneegans E: 8147
Schneeman BO: 8148–8150
Schneider B: 7288, 8151–8152
Schneider CH: 3815
Schneider F: 5782
Schneider H: 8153
Schneider J: 8154
Schneider MD: 8155
Schneider ML: 8156
Schneider P: 8157–8158
Schneider R: 8159
Schneider RC: 10222
Schneider SL: 8160
Schneider VI: 8161
Schneider VJ: 4247
Schneider W: 8162, 8168
Schneider WD: 9754
Schneiders H: 2391
Schnells G: 8103, 8151
Schnitzler L: 8163
Schodt KP: 897, 8164
Schoellmann G: 8635
Schoenbaum SC: 2966
Schoenberg BS: 8165
Schoene NW: 5327, 8166

Schoenfield MR: 8167
Schoentgen F: 4379
Schofield ID: 7807
Schole J: 7929
Scholz A: 8233
Scholz P: 8168, 9223
Schomerus H: 6030, 8169
Schönbach F: 5768
Schönbaum E: 808, 8479
Schönberger A: 8170
Schönborn J: 2950
Schöndorf T: 3753
Schöndorf TH: 8171–8172
Schoonbee HJ: 8605
Schöpf E: 8173
Schor SS: 6245
Schorn K: 3897
Schorn L: 5529
Schorn P: 8962
Schorr DM: 8174
Schott CF: 2314
Schott R: 6472
Schottke C: 8175
Schotz MC: 3789, 6664
Schrader A: 6593
Schramek A: 3678
Schramm G: 8190
Schramm HJ: 1042
Schramm W: 7947, 8176–8177
Schreckegast U: 481
Schrecker O: 799
Schreiber AD: 8178–8179
Schreiber E: 3956
Schreiber G: 8180
Schreiber RD: 1990, 8181
Schreier PC: 4727
Schreiner GE: 3031
Schreiner GF: 8182
Schremmer WP: 1135
Schreurs WH: 8065
Schricker KT: 8183–8184, 8184
Schrier S: 3371
Schrier SL: 8185
Schröder W: 7450
Schroeder TM: 3375
Schroeder W: 8186
Schroeter AL: 1739, 8187
Schröter C: 3702
Schröter W: 9229
Schubert B: 8163
Schubert GE: 8188
Schubert H: 3285
Schuchmann GF: 10204
Schuck U: 9894
Schuel H: 8189
Schuh W: 5448–5449, 8190
Schuhmann B: 7031
Schuller DE: 8191
Schüller J: 706
Schulman I: 5614
Schulman JD: 9400
Schulte HD: 8192
Schultz G: 4262
Schultz HP: 8193
Schultz JR: 7175
Schultz RM: 8194–8195, 9306
Schultz W: 9796
Schulz CE: 8196
Schulz F: 8197
Schulz FH: 8140
Schulz G: 8198
Schulz GE: 2988
Schulz K: 3865
Schulz KH: 8199
Schulz LC: 3447, 8200–8204
Schulz U: 8205
Schulz W: 3076
Schulze B: 8206
Schulze F: 8092
Schulze K: 8207
Schulze-Bergman G: 8208
Schumacher GF: 9255–9256, 9256
Schumacher HR: 8209
Schumacher-Perdreau F: 8107
Schumaker HM: 8210
Schumann E: 2454
Schumer BR: 5878
Schunder J: 628
Schuppler J: 8550
Schur PH: 8211
Schürholz KH: 8212
Schurr D: 2401
Schurz AR: 8213
Schurz J: 8214
Schuster FL: 2293
Schuster G: 3396
Schuster R: 10086
Schutt AJ: 5674
Schutz JF: 8215
Schütze U: 8216
Schwabe C: 8217
Schwager P: 940
Schwägerl W: 9159
Schwalm I: 3285
Schwartz A: 6250
Schwartz K: 8218
Schwartz KA: 8219
Schwartz M: 2274
Schwartz MF: 8220
Schwartz MM: 8374
Schwartz RH: 8221
Schwartz TH: 5132
Schwartzkopff W: 8222
Schwarz E: 8223
Schwarz H: 8224
Schwarz N: 8225
Schwarzbeck A: 8226
Schwarzendorfer W: 8131
Schwegler F: 8227
Schweiberer L: 8228
Schweizer H: 8717
Schwela S: 9862
Schwenzer N: 8229
Schwerdtfeger E: 8230
Schwesinger G: 8108
Schwetschenau PR: 8231
Schwick HG: 8232
Schwille PO: 8233
Schwörer I: 8234
Schwyzer M: 3854
Schwyzer R: 2668
Sciaky M: 2644, 8235
Scialla S: 1714, 8024
Scicli AG: 1421–1422
Scofield RE: 8236
Scoggins WG: 8237
Scognamiglio R: 1583
Scommegna A: 5517
Scoon K: 1238
Scopa J: 7436
Scopes PM: 8814
Scordilis SP: 49
Scott AA: 2602
Scott BR: 8238
Scott CF: 5510
Scott CR: 3630, 8239
Scott GK: 8240
Scott GR: 8875
Scott HW: 10178
Scott J: 8241
Scott JR: 1350
Scott KW: 8242
Scott ME: 1456
Scott OL: 8243
Scott R: 8525
Scott RF: 5305
Scott RM: 4543, 8244
Scott S: 5203
Scotta MS: 8245
Scotti A: 8246
Scovino R: 6376
Scow RO: 5475, 6083, 8247–8248, 8248–8250, 8712
Scrascia E: 983
Scribner BH: 6186
Scrobohaci ML: 8251–8252
Scrutton MC: 7070
Scully MF: 5180, 5182, 5184, 8253–8254
Scully RE: 8255
Scuro LA: 5280
Scurr JH: 8256
Seagle JP: 7085
Sealey JE: 2342, 8257
Sealfon MS: 8258
Sealy R: 3608
Seaman AJ: 7750
Seaman WB: 3204
Searcey MT: 8259
Searcy TA: 8260
Sebag C: 8218
Sebening F: 8879
Sebening H: 2489
Seber JF: 388
Sebeseri O: 8261
Secco-Millet C: 8262
Seckfort H: 8263
Sedgely M: 2724
Sedivy P: 7417
Sedlařik K: 5906, 8264–8265, 9677, 9961
Sedlařik U: 4799
Sedmerová V: 3762
Sednev NA: 8266
Sedney MI: 2114
Sedová A: 6949
Seebode J: 4118
Seeff LB: 8267
Seeger RC: 8268
Seegers D: 1234
Seegers WH: 6717, 9769–9771
Seeler RA: 332–333, 8269
Seelich T: 2883, 8270–8271
Seelig G: 8264
Seelig HP: 8173
Seely RJ: 3175
Seery W: 6314
Seery WH: 5861
Seferovskiĭ LE: 8272
Sefrin P: 8273–8274
Seftel H: 3244
Sega GA: 8275
Segal BM: 8276
Segal HL: 8277
Segal I: 8278
Sege K: 7140
Segedi SA: 7447
Segel GB: 8279
Segev Y: 10247
Segonne J: 7637
Segovia R: 8280
Segre GV: 8281
Seibert K: 7487
Seid RC Jr: 9023
Seidah NG: 8282–8283
Seidel G: 8284–8285
Seidel HJ: 8286–8287
Seidel K: 8288
Seidl S: 8289–8290
Seidler D: 8203–8204
Seifart W: 8291
Seifert S: 4435
Seifert W: 4991
Seifter E: 5372, 8101
Seigler HF: 8891
Seigneurin D: 169, 8292
Seignon B: 8293
Seiler G: 4314
Seiler MW: 8294
Seinfeld ED: 8295
Seino M: 8296
Seitz HD: 4857–4858
Sekachev IuA: 9454
Seki H: 4579
Sekita T: 3787
Sekul AA: 8297
Selawry OS: 3608
Selby JB: 8298
Seletz J: 7766
Selezneva AA: 7810, 8299
Selezneva LA: 3234
Selhorst JB: 8300
Selidovkin GD: 506
Seligman B: 8024
Seligmann M: 1646
Seligsohn U: 2804, 8301
Seliverstova GP: 8302
Sell EJ: 1784
Sellars W: 4670
Seller JC: 8303
Sellers A: 7590, 8304
Sellers EM: 8305
Sellier P: 6923
Selroos O: 8306
Selters WA: 8307
Selvam A: 4295
Selwyn A: 8308
Semenov VV: 6980
Semenova VN: 8882

Semenovskiĭ ML: 9355
Sementsov IIa: 8309
Semenza G: 7430
Semeraro N: 1711, 8310–8312, 8311–8312
Semler P: 8313
Sempińska E: 8314–8315
Semple PF: 8316
Seneca H: 8317–8318
Sénéchal G: 8319
Senf L: 9772
Senik IaK: 3159
Senior AE: 5333–5334
Senn HJ: 8320
Sensale P: 1364
Sensenbrenner M: 5749
Sentenac A: 8321
Sentsui H: 8322
Senyi AF: 1468
Serafin FJ: 1488
Serafinska D: 1270
Serallach E: 8323
Serbinova TA: 4173
Serebriakov GI: 5796
Serebrianaia BA: 956, 4479
Serebrianyĭ SB: 8481
Seregelyi E: 3060
Sergeev SI: 8324
Sergienko VI: 9654
Sergis E: 3851
Serlin MJ: 6889
Serov RA: 8325
Serr D: 3012
Serra S: 8019
Serra Mercader JM: 517
Serradimigni A: 1034, 8326–8328, 8327–8330
Serrano LJ: 2646
Serrano RR: 3238
Serre H: 7979
Serrou B: 9170
Servaye-Kestens Y: 6319
Serventi G: 167
Sesia G: 5230
Seth HK: 8331
Seth HN: 8372
Seth PK: 8332
Seth S: 8332
Setkowsky Dangelmaier CA: 3948
Setlow B: 8538
Setlow P: 8333, 8538
Seto M: 8334
Setoguchi M: 5991
Seuren-Jacobs HE: 399
Severin AI: 6587
Severin ES: 4696, 5085
Severn BJ: 5152
Sevitt S: 8335
Sexauer ER: 8336
Sexton DL: 8337
Seyboldt A: 8273
Seyer JM: 2181, 8338–8339
Seyffarth G: 7610
Seymour AE: 8340
Seymour F: 1252
Sezille G: 2013, 4256
Sha'afi RI: 2583
Shabalin AIa: 8341
Shabalov NP: 8342–8343
Shabalova NN: 8343
Shabanov NP: 8344
Shabazi H: 4745
Shacked I: 4916
Shacked R: 4916
Shackney SE: 1284
Shafrir E: 6034
Shah DM: 8345
Shah DO: 1624
Shah K: 3124
Shah MP: 4547
Shah MY: 4446
Shah NK: 4993
Shah PK: 809
Shahbazi N: 6226
Shahidi NT: 519
Shaikh BS: 4249
Shainoff JR: 8346
Shakhnazarov AA: 3414
Shakhov BE: 7734
Shalimov AA: 8347–8349
Shalitin Y: 3101, 5882
Shallit JB: 8350
Shal'nev BI: 406
Sham R: 8351
Shamsher VM: 5783
Shamshev VM: 5784
Shanahan M: 8352
Shanberge JN: 8353–8354
Shandling B: 2392
Shanik DG: 8355
Shanin SS: 7419
Shankland ER: 8356
Shannon JE: 6752
Shanoin SA: 3414
Shapanka R: 558
Shaper AG: 8357
Shapira E: 8358
Shapira R: 1598–1599
Shapiro AH: 4481
Shapiro B: 8359
Shapiro BM: 1919, 2334
Shapiro DL: 303, 8360
Shapiro FB: 5049
Shapiro GA: 8361
Shapiro JL: 6435
Shapiro L: 8024
Shapiro LJ: 8052–8053
Shapiro MA: 9504
Shapiro R: 414, 416–417
Shapiro RM: 7939
Shapiro S: 4705
Shapiro SC: 5934
Shapiro SS: 4047
Shapiro SZ: 8362
Shapiro W: 6681
Shapkin VS: 8363–8364
Shaposhnikov OK: 8365
Shaposhnikova ES: 6536
Sharaev PN: 8366–8367
Sharbaugh AH: 1153
Sharief Y: 981
Sharma AL: 8371
Sharma GV: 7996, 8368–8369
Sharma HM: 8370
Sharma KK: 8371
Sharma MN: 8532
Sharma SC: 8372
Sharnoff JG: 8373
Sharon N: 8573
Sharon Z: 8374
Sharova IuA: 680, 9540
Sharp AA: 1560, 8375, 9219
Sharp D: 5967
Sharratt GP: 1069
Sharwood-Smith G: 8376
Sharykin AS: 8377
Shasaitova MSh: 5114
Shashaty GG: 1952
Shaskan EG: 633, 8378
Shatenevskaia ID: 6548
Shaternikov VA: 6373
Shatkin AJ: 9103
Shatskaia NN: 6886
Shattil SJ: 198, 8379–8380, 8540
Shaul WL: 8381
Shaver JA: 8382
Shaw A: 9128
Shaw AE: 4059
SHAW AR: 3864
Shaw C: 10144
Shaw E: 5208, 10055
Shaw EN: 1705
Shaw W: 4033
Shaw WA: 8383
Shchabanov VA: 7275
Shchedrunov VV: 762
Shcheglova SA: 7346
Shcherba NI: 4812
Shcherbakova LN: 73
Shcherbatenko MK: 8384
Shchigel'skiĭ VI: 3431–3432, 3432, 8385–8386
Shchiritsa GT: 6997
Shea C: 7016
Shea JJ: 8581
Sheagren JN: 6455
Shearer C: 1090
Shearer HT: 2779
Shearer MJ: 523, 3315, 8387
Shearn SA: 8388
Shebabou C: 7034
Shechter Y: 8389–8390
Sheets RF: 304
Sheft DJ: 3209
Sheftel' IE: 7851
Sheikh M: 8173
Sheil JM: 9749
Sheĭman IB: 1925
Shekhonin BV: 9332
Shekhter AB: 4172
Shelanski ML: 5451
Shelburne FA: 8391
Shelburne JC: 198
Sheldon GF: 8392
Sheldon J: 9137
Sheldrick P: 5149
Sheliia RN: 8393
Shelley WB: 4420–4421, 8209
Shelukhina EM: 5880
Shemchuk AS: 5503
Shen BA: 910
Shen CK: 4160
Shen LL: 1418, 8394–8395
Shen MC: 8396
Shen SM: 8728
Shenker IR: 3990
Shenkin A: 8397
Shenouda A: 8398
Shepherd AJ: 4602
Shepherd AM: 1839
Shepherd JT: 5248
Sheppard RC: 2318–2319
Shepro D: 660, 1915, 7672, 8399
Sher A: 8400
Sher G: 8401
Sheremet'ev IuA: 5384–5385
Sherins RJ: 2762
Sherlock S: 4259, 5555–5556
Sherman FB: 4695
Sherman JO: 4042
Sherman LA: 984, 3665, 5297, 5707, 7928, 8402–8403
Sherman MM: 8404
Sherrard JH: 8405
Sherry S: 7724, 8406–8409
Sherwin RP: 8410
Sherwood G: 10128
Shestakov NV: 8411
Shestakov VA: 8012, 8412–8414
Shetty KJ: 8415
Shevtsov VM: 8416
Shia MA: 2811
Shiao SY: 1624
Shiau SY: 8417
Shibata A: 2456
Shibata H: 2673
Shibata HR: 7010
Shibata R: 3320
Shibata-Sekiya K: 8418
Shibuya H: 4210
Shideman J: 7708
Shidieva ZKh: 729
Shields JA: 4293, 8419–8420
Shields MB: 8421
Shier MR: 8422
Shier WT: 5528
Shifrin GA: 8423
Shigehiro S: 8424
Shigematsu H: 6516
Shigemi F: 8425
Shigeta Y: 4706
Shilov VM: 8426
Shima H: 10110
Shimada K: 5996, 6519
Shimamoto N: 8427–8428
Shimamoto T: 7976
Shimano N: 6323
Shimasaki H: 7382
Shimizu M: 2849, 10160
Shimizu S: 2864
Shimizu T: 8429, 9065
Shimkevich IA: 1557
Shimoda C: 8430
Shimojo H: 3600
Shimono M: 8431
Shimshak RR: 8432
Shin HS: 4361
Shin ML: 3590
Shindo H: 6679
Shinkai H: 8433

Shinohara N: 8434
Shinozaki F: 7999
Shinzato K: 9106
Shio H: 3572
Shioiri-Nakano K: 8022
Shiokawa H: 6905
Shipeneva NM: 956, 4479
Shippey JE: 3167
Shipton M: 8435-8436
Shirai M: 6225
Shirai S: 8437
Shirai T: 9391
Shires DL Jr: 8438
Shiriaev VV: 479
Shirochenko ND: 5796
Shiroff RA: 2034
Shiroishi T: 5968, 6170
Shiroma K: 8439
Shirwatkar LG: 817
Shishido RY: 9736
Shitikova AS: 8440-8441
Shiu MH: 2743
Shively JE: 8442-8444
Shkanakin LG: 7886
Shkhvatsabaia IK: 8445
Shmookler BM: 5666
Shmureva TA: 8325
Shmushkovich BI: 681, 5514
Shneyour A: 8446
Shoaf CR: 8447
Shochat SJ: 6176
Shodell M: 1325
Shoeb A: 264
Shohat B: 8448
Shoïkhet IaN: 8449
Shonick W: 4549
Shooter EM: 6244
Shore B: 9847
Shore V: 9847
Shore VG: 2632
Short AH: 3714
Short D: 8450
Short JY: 1606
Shortridge KF: 1527, 8451-8452
Shotton SM: 9147
Shoupe TS: 4028
Showe MK: 8453-8454
Showell HJ: 356
Shpak NI: 8455
Shpazhnikova NS: 5037
Shraer DP: 8456-8457
Shrager RI: 8458
Shrago MI: 7416
Shraiber MG: 8459
Shreffler DC: 1723
Shreiner DP: 8460
Shrestha SM: 45
Shroyer LA: 9530
Shtil' AA: 8461
Shubich MG: 8462
Shubsda JF: 7085
Shugaev VA: 5106
Shukhian VM: 342
Shukla JB: 1756
Shukla OP: 4576
Shul'ga GI: 8463
Shuliak LP: 8464
Shulman NR: 9400
Shul'mina AI: 8465
Shulthise AJ: 5740
Shul'tsev GP: 8466-8467
Shulutko LS: 4534
Shul'zhenko EB: 4693
Shul'zhenko VI: 8462
Shumaker RC: 5160
Shumakov VI: 8468
Shuman MA: 8469
Shuman RT: 1647
Shumway NE: 3395, 6938, 7931-7932, 8821
Shupack JL: 8470
Shuratova SG: 5647
Shuri K: 10160
Shuruev AS: 8471-8472, 8472
Shustval' NF: 8473-8474
Shutov AD: 9461
Shutsa P: 3637
Shuvaeva LP: 4578
Shuvalov IuA: 8475
Shval'b PG: 6656, 8476
Shvarts IL: 4665
Shvarts IuE: 9433
Shwachman H: 5273
Shysh A: 8811
Siadatpour A: 1313
Sibbald WJ: 8477
Sibeon R: 6889
Sibert JR: 5
Sibilli S: 6946
Sibilli-Weill L: 1949
Sibinga CT: 8478, 9964
Sibrack LA: 9742
Sibul' UF: 6127
Sica V: 7401
Sicard-Desnuelles MP: 440
Siccardi F: 2704
Sicuteri F: 255, 8479
Sidberry HD: 8480
Siddiqui N: 2484
Sidhu BS: 8535
Sidhu GS: 260
Sidorova NM: 8481
Siebel E: 1234
Sieber SM: 47
Siebert WT: 8482
Siebke H: 8483
Siedek M: 4805
Siefring GE Jr: 1450
Siegal FP: 8484
Siegel BA: 5707, 9882
Siegel J: 1645
Siegel S: 388
Siegel WH: 8485
Siegenthaler W: 3974
Siegert W: 8486
Siegfried CM: 4814
Siegman-Igra Y: 8487
Sierra JM: 5308
Sierra JO: 8488
Siest G: 3783
Sievers U: 8489
Siezen RJ: 8490
Sigel A: 8233
Sigiel M: 5253, 7179
Signer E: 2697
Sijačić T: 8491
Silaev AB: 8801
Silaeva AB: 8802
Silber SA: 1798
Silberberg A: 6118
Silberberger A: 4186
Silberman H: 8492
Silberstein EB: 8780
Silfverskiöld B: 8493
Silipo C: 3394
Silk DB: 5146, 8494-8496, 8495-8496
Silk ST: 5872
Silva VA: 8497
Silva Cuevas A: 8498
Silver L: 8351
Silver MD: 4927
Silver MJ: 851, 1522, 8614-8616, 8615-8616
Silver RT: 8024
Silvergleid AJ: 8499
Silverman C: 1831
Silverman JF: 8500
Silverman P: 2350
Silverstein FE: 7393
Silverstein MN: 8501
Silvestri F: 4809
Silvestri R: 8502
Silvestroni L: 8503
Sim RB: 8504
Simard J: 2038
Simatupang MH: 8199
Simek L: 648
Simek M: 7659
Simeon J: 4304, 8935-8936, 8936
Simeone FA: 8505
Simeoni S: 8506
Simeonova L: 8507
Simert G: 9515
Simkin DS: 8411
Simkovic I: 8508
Simma W: 5536
Simmler MC: 3314
Simmons A: 6756
Simmons RL: 3697
Simmons WH: 8509
Simon B: 4557
Simon ER: 8510
Simon H: 6534
Simon J: 10147
Simon JD: 8511
Simon JP: 8512
Simon KH: 8513
Simon L: 8163
Simon M: 2093, 8514
Simon O: 8515
Simon R: 3608, 9285
Simon RM: 4147
Simon RS: 1096
Simon TL: 668, 670, 8516-8517
Simončе N: 2031
Simone J: 9201
Simonetti C: 1438
Simonetti M: 7780
Simonetti MS: 8518
Simonian SJ: 8519
Simonson JM: 6750
Simova N: 479, 8520
Simpkins H: 6325
Simpson DL: 8521
Simpson IA: 8522
Simpson IJ: 8523, 9208
Simpson JG: 541
Simpson JS: 2392
Simpson RJ: 8524
Simpson RM: 2626
Simpson RT: 9929-9930
Sims GE: 213, 553
Sinakos Z: 4532
Sinclair A: 1561
Sinclair J: 8525
Sindermann F: 8526
Sineok LL: 8527
Singer AD: 8528
Singer DS: 8529
Singer L: 7840
Singer MF: 8529
Singer TP: 4638-4639
Singh AK: 8530
Singh AP: 8531
Singh C: 8532
Singh DS: 8533
Singh H: 5356, 8534
Singh I: 1591-1592
Singh J: 8535
Singh L: 8536
Singh RB: 8537
Singh RP: 8538
Singh SP: 1528
Singhas CA: 6837
Sinha AK: 8539-8540
Sinha M: 8541
Sinha VN: 2265
Sinitsyna TS: 2082
Sinkey MA: 410
Sinntsina AL: 6988
Sinzinger H: 8584
Sipe JD: 8542
Sipka S: 936, 8543-8544, 8544-8545
Sipos E: 235
Siriasawakul T: 8718
Sirina LK: 8604
Siroký O: 6040
Sirol J: 7637
Sirota TI: 7809
Sirotin BZ: 8546
Sirotina ZV: 8546
Sirtori CR: 9847
Sirvidis VM: 5951
Siskind GW: 4524
Sissak HM: 9063
Sissons HA: 8547
Sitalsing AD: 2114
Sitintskaia IG: 8548
Sitprija V: 8549
Sitzmann JV: 6557
Siubaeva NI: 7873
Sivathasan C: 7485
Sivertssen E: 3383
Siwik J: 2995, 2998
Six P: 8550
Sixma JJ: 1066, 2099, 3065, 3940, 6928, 8551, 8935
Sjöberg NO: 5447
Sjodahl J: 8552

Skalská H: 256
Skandrani L: 2745
Skarżyńska M: 5803, 8553
Skehan P: 8554
Skehel JJ: 2686
Skelton GS: 8555
Sketch MH: 8556
Skikne B: 4657
Skinhoj P: 3950
Skinner DB: 7088
Skinner JT: 3858
Skinner M: 5433
Skinnider LF: 8557
Skipetkov VP: 7735
Skipetrov VP: 5843, 8558–8560, 8559–8562, 8651–8656
Skipskiĭ IM: 8563–8564
Skor D: 1645
Skóra K: 3382
Skórka B: 726
Skoropad WP: 6257
Skosey J: 4945
Skosey JL: 8565
Skoskiewicz MJ: 8566
Skoulas A: 2765
Skoutas B: 7349
Skrabut EM: 8567, 8695
Skragatić M: 5596
Skrbic TR: 8568, 10135
Skripnichenko DF: 8569–8570
Skrk J: 9134
Skryten A: 5214
Skrzydlewski Z: 8571
Skude G: 8572
Skulin'MA: 5227
Skuratovs'ka ND: 4877
Skutelsky E: 1933, 8573
Skvaril F: 505
Skvarko SI: 8574
Slabý J: 4539, 5813
Slade CL: 8575
Sladen A: 4473
Slama G: 346–347
Slany J: 8576
Slattery JT: 8577–8578, 10097
Slattery M: 320
Slavik M: 5317
Slavin G: 3799
Slaymaker EE: 529
Slayter HS: 8579
Slebe JC: 8580
Sleeckx JP: 8581
Slepykh AS: 8582
Slesarenko EG: 5511–5512, 5512
Slezak H: 8583
Sliberbauer KF: 8584
Slichter SJ: 8585–8589, 8587
Sliwińska H: 8314
Slizkov SS: 3451, 5548
Sloane CE: 8588
Sloane DJ: 9909
Slobin LI: 8589
Słomińska A: 6720
Słomkowski M: 6535
Slonskaia VT: 6268
Sloss LJ: 3324
Slot HB: 9528
Slotki IN: 8590
Slots JM: 8591
Sloviter HA: 8592
Slucca P: 6952–6953
Slunsky R: 8593
Slutskiĭ LI: 5239–5240, 5240–5241
Sly WS: 2763
Small AM: 1381
Small CW: 9828
Smalley JR: 7987
Smalley RV: 8594
Smarsz C: 3335
Smelianskaia GN: 5003
Smeloff EA: 1953
Smidt KP: 8595
Smilack JD: 8482
Smiley WH: 8596
Smiljanić B: 8597
Smillie LB: 4432, 7072–7074
Smilov I: 8598
Smirnoff P: 8599
Smirnov AA: 8600
Smirnov AN: 8601
Smirnov EA: 8602
Smirnov KV: 8603
Smirnov LB: 1557
Smirnov VN: 9283
Smirnov YV: 6927
Smirnov IuG: 764
Smirnova IA: 2569
Smirnova IP: 2617–2618
Smirnova LA: 1019
Smirnova TA: 221, 9013, 9096
Smirnova VK: 8604
Smirnova ZV: 6992
Smit GL: 8605
Smit SL: 1292
Smith AN: 5610
Smith AP: 8606–8607
Smith C: 502
Smith CB: 1079
Smith CC: 6445
Smith D: 8608
Smith DF: 8609
Smith EB: 8610–8611
Smith EJ: 9561
Smith EL: 376
Smith GA: 8350
Smith GF: 8612
Smith GM: 3942
Smith GW: 9290
Smith IE: 8613
Smith JA: 1572, 3059
Smith JB: 851, 1522, 8614–8616, 8615–8616
Smith JK: 2429, 8617
Smith JM: 8618
Smith LB: 8148
Smith LC: 4227, 8250
Smith LS: 1437
Smith M: 1168
Smith MB: 1143, 8761
Smith MD: 297
Smith ME: 7470
Smith MR: 8619
Smith MW: 2810
Smith R: 824, 3180
Smith RB: 2380, 8620
Smith RE: 4067, 5368
Smith RL: 6176
Smith S: 4763
Smith TC: 3758
Smith TH: 9128
Smith V: 9467
Smith WH: 8621
Smith WL: 8622
Smith MJH: 8623
Smitherman TC: 6681
Smithwick EL Jr: 1647, 4067
Smitskampen H: 8624
Smokovitis A: 8625
Smolen VF: 8626
Smolianitskiĭ AIa: 8627
Smolińska K: 8628
Smuckler EA: 1308
Smyth DG: 377, 1097
Smythies JR: 8629
Snape TJ: 829, 8617
Snegova GV: 6886
Snell CR: 1097
Snell RJ: 3239
Snider MT: 10222
Snijder JA: 9508
Snoeck J: 1040
Snook GA: 1606
Snyder F: 7694–7695
Snyder GG 3rd: 6864
Snyder GH: 5891–5892
Snyder GK: 8630, 9840
Snyder M: 8631
Snyder SL: 8632
Snyderman R: 7341
Snyderman SE: 8470
Sobalkowski S: 8633
Soban EJ: 6527
Sobbe A: 9322
Sobel JD: 8634
Sobel R: 1883–1884
Soberano ME: 8635–8636
Sobhy C: 1879
Sobin SS: 2874
Soble L: 5056
Sobolev VR: 952
Soborov AP: 3307
Sobota JT: 8637
Sobrinho TC: 4350
Socha J: 3246
Sochacka-Kuzko B: 7385
Sochard MR: 8638–8639
Soczewiński E: 8640
Söder P-O: 8641
Soderblom R: 3250
Sodetz JM: 1450–1451, 8642
Soga K: 4183
Sogawa K: 8643–8644
Sohner S: 9659
Sojka WJ: 6350
Sokačić F: 8645
Sokal G: 8646
Sokhi GS: 4295
Sokoll MD: 8893
Sokolov EI: 8647–8648, 8648
Sokolov SA: 5396, 9709
Sokolov VN: 4980
Sokolov EIa: 8665
Sokolova EV: 6372
Sokolova II: 8324
Sokolova RI: 6566–6567
Sokovnina IaM: 8649–8650
Sokratov NV: 8558, 8562, 8651–8656
Solakov P: 4100
Soland T: 6713
Solano C: 1681
Solberg AK: 9562
Solé Balcells F: 4341
Soler A: 9100
Solerio L: 8657
Solez K: 7076
Sollner-Webb B: 8658
Solntseva LI: 4140
Solodenko NM: 5047, 5052, 8659
Solodovnikova AN: 476
Sologub AM: 5804
Solomon A: 8660
Solomon LM: 330
Solomon LR: 8661
Solomonraj G: 10054
Solov'ev GM: 8662–8663
Solov'eva GI: 6533
Solov'eva TI: 6221
Solov'eva VE: 952
SolovtsovA KM: 2880
Soltesz LV: 1608
Soltys W: 5242
Solum NL: 2901
Solum NO: 3547–3548, 8664
Solun MN: 8665
Solvit A: 8666
Somanathan S: 5121
Somer T: 8667
Sommer HG: 561
Somol H: 2689
Song MK: 8668
Song PS: 2842, 3659, 6921
Sonnichsen WJ: 2951
Sonntag RW: 1221
Sopotsinskaia EB: 8669
Sora A: 2737
Sorbello A: 1628
Sorbye O: 8670
Sorensen HD: 8671
Sörensen R: 1044, 3951, 4667
Sorensen VK: 8672
Soria C: 2003, 8673–8678, 8676
Soria J: 1095, 2003, 8673–8678, 8676
Soria N: 2052
Soriano H: 8677
Sorinson SN: 8678
Sorland SJ: 3220
Sorokin CF: 5629
Sorokina EI: 286
Sosnowski W: 3382
Soszka T: 8679
Soter NA: 8680
Sotgiu G: 8681
Sotnikov VN: 729
Soto Rosa S: 8682
Sottrup-Jensen L: 5759
Soubrie P: 966
Souchard M: 1517
Souchon H: 9835

Souciet C: 5316
Součková E: 4216
Soulen RL: 5877, 8683
Soulier JP: 8684
Soulignac O: 8262
Soupet AM: 6326
Sourkes TL: 8685
Soute BA: 9583–9584, 9584–9585
Southard SA: 9293
Southgate J: 4391
Soutoul JH: 5361
Souverijn JH: 5532
Sow A: 2175
Sowiak S: 8753
Sox T: 876
Soyer R: 2270–2271
Spaet T: 1175
Spaet TH: 1309, 3178, 7418
Spaggiari A: 8686
Spanel R: 3828
Spangenberg P: 4771
Spängler HP: 1128, 7030, 8687
Spanondis K: 6713
Spanos HG: 8688
Spargo BH: 8689
Spark RF: 8690
Sparling PF: 876
Spasskaia VA: 6992
Spataro AC: 8691
Spatenka J: 4472
Spath P: 8692
Spavento P: 2993
Speakman PT: 5581
Specht BU: 8693
Speck B: 1782
Spector D: 5463
Spector JI: 2744, 8694–8695
Speers S: 2535
Spehl M: 4450
Speicher DW: 8696
Speight TM: 1180, 7221–7222
Speiser P: 8697
Spelta A: 1383
Spencely M: 1436
Spencer HH: 141
Spencer JB: 1081
Spencer MS: 4267
Spengler DM: 8698
Spenneberg H: 5544
Sperber WH: 8699
Spero JA: 3679, 5418, 8700
Spero L: 8701
Spesivtseva VG: 8702
Spicer SS: 7975
Spicer TE: 8703
Spiegelberg HL: 3256–3257, 7786
Spiers AS: 8704
Spierto FW: 4033
Spies JH: 4933
Spigel SC: 8705
Spigonardo F: 1703
Spik G: 4378
Spiler: 3119
Spillner G: 8115–8117, 8706
Spincemaille G: 8707
Spindel A: 2139
Spinella G: 7737
Spirer Z: 8708
Spiridonov AA: 7281
Spiridonova AV: 4968
Spiro HR: 1528
Spiro R: 8709
Spitsyn IF: 7395–7396
Spitzer JA: 428
Spitzer RM: 9777
Spitznagel JK: 8710
Spitznagel K: 6812
Spivak JL: 2526
Spivey RJ: 841
Spizizen J: 1298
Splinter AW: 8711
Spohn B: 5534
Spooner G: 1360
Spooner PM: 8712
Spooner RJ: 840, 3207
Spoor TC: 8713
Sporer A: 4118
Spöttl F: 8714
Spragg J: 6834, 10188
Spragg RG: 8715
Sprake W: 7393
Spray TL: 8716
Springer GF: 54
Spritz N: 8534
Sprogis W: 4791
Sprokholt R: 6773
Sprössig M: 8717
Sprovieri G: 9121
Sprung R: 998
Spurny OM: 10082
Spychalski E: 6144
Squarr HU: 8226
Sraer JD: 297, 4490
Srichaikul T: 8718
Sridhara S: 8719–8720, 8720
Srikantaswamy S: 7872
Srinivas V: 7456
Srinivasan R: 8721
Srinivasan SR: 8722
Srivastava AK: 75
Srivastava K: 76
Srivastava LS: 4546
Srivastava VK: 8723
Sroczyński J: 8724, 9368–9370
Srulijes C: 7238
St Bartholomew's Hospital, London.: 5622
St-Germain P: 6558
Staal GE: 8725
Staben P: 806
Stableforth P: 8726
Stables DP: 2876
Stacher A: 3901
Stachura I: 766
Stack BH: 9002
Stackrow AB: 2596
Staehelin LA: 5055
Staehler G: 3918
Staessen AJ: 8727
Stafford BT: 8728
Stahl D: 8729
Stahl M: 2697
Stahl SJ: 7159
Stahl SM: 8730
Stahly TL: 8731
Stajić M: 460
Stakovetskaia ZS: 9144, 9149
Stalder GA: 10091
Stalker AL: 8732
Stallcup WB: 8733
Stamatakis JD: 8734, 9181
Stamatoyannopoulos G: 9199
Stamler FW: 8735
Stamm H: 8736
Stamnes CL: 324
Stamp GL: 2118
Stampe D: 8737
Stampfel G: 3592, 8738
Stan-Lotter H: 9087
Stăncioiu N: 8252
Stanczewski B: 8026
Standefer J: 8038
Stanek V: 9942
Staneva I: 5072
Stanfield C: 8932
Stanfield CN: 8930
Stanford N: 5774, 6198
Stanford W: 5211
Stanga RD: 9790
Stangel JJ: 8739
Stangland K: 1160
Stanhope JM: 6353
Stankiewicz S: 8740
Stanley P: 6168, 8741–8742, 10064
Stanley RJ: 5397
Stanley WL: 747
Stansel HC Jr: 767
Stanton KC: 152
Stanton PE Jr: 8743
Stanulla H: 8744
Stanway G: 2224
Stanworth DR: 8745, 8814
Staples WG: 3078
Starek PJ: 8746
Stark DC: 4086
Stark L: 8300
Stark ML: 8818
Stark P: 667
Stark PY: 7564
Stark RA: 10039
Stark RB: 8747
Starkey PM: 8748
Starosel'tseva LK: 7197
Staroslawski R: 8749
Starova A: 2031
Starovoitova LP: 8750
Starr A: 3464, 6820, 8751–8752
Starr H: 3505
Starr T: 10183
Starzewski J: 8753
Starzl TE: 2857, 8754
Stasiewicz J: 8755
Stasiuk NS: 3159
Stasiw DM: 7402, 8756
Stathakis NE: 2333, 8757–8759
Staub HP: 175–177
Staub NC: 8760
Staudacher M: 7029
Staudenmayer N: 8761
Stavem P: 5646, 8762
Stavnić G: 6239
Stavorovsky M: 8763
Stavridis JC: 3240
Stavskaia EA: 8764
Stead N: 8765
Steahly LP: 8766
Stechhahn K: 7438
Steck W: 1509
Steckley S: 3706
Steel EG: 8767
Steele JA: 8768
Steele P: 8769–8770
Steelman SL: 9140
Steenkamp DJ: 4638
Steer ML: 3171, 8771
Stef C: 7322
Stefanini P: 8772
Stefanović Lj: 8773
Stefanovich V: 8774
Steffen E: 7431–7432, 7432
Steg A: 9187
Steger R: 422
Stegmann H: 481
Steichen JB: 8863
Steigbigel RT: 1842
Steigleder GK: 7411
Stein AM: 8775
Stein B: 9692
Stein HD: 8776
Stein JM: 8101
Stein O: 1492–1494, 8777
Stein PD: 7878, 8778
Stein R: 7533
Stein S: 7820
Stein TP: 9751
Stein Y: 1492–1494, 8777
Steinberg AD: 1260
Steinberg D: 8779
Steinberg MG: 8780
Steinbuch M: 8781
Steinemann A: 1042
Steiner H: 10200
Steiner M: 1448, 4124, 4402, 8782
Steiner P: 420
Steiner PM: 4164
Steinhausen HC: 8783–8784, 8784–8786
Steinhoff H: 9887
Steinman HM: 3854
Steinmann L: 46
Steinmetz J: 3783
Steinmetz M: 8787
Steinway DM: 8788
Steinwender P: 9429
Stejskal V: 3621
Stella L: 2026
Stellmach R: 1096
Stemberger A: 8789–8791, 9692
Stemerman MB: 1309, 3178, 6037
Stemmer R: 4701
Stenbjerg S: 8792–8793
Stenflo J: 1241, 8794–8795
Stengel D: 5131
Stenger E: 8489
Stenzel KH: 7639
Stenzel P: 1160, 1671, 8796
Stepananko AP: 8797
Stepaniants ER: 9098
Stepankivskaia GK: 8798

Stepanov GA: 8799
Stepanov VM: 4938, 8800, 9455
Stepanov VV: 1334
Stepanova NI: 8702
Stepanova TsN: 8801–8802
Stephen J: 10050
Stephen M: 8803
Stephens CA: 2392
Stephens RJ: 8851
Stephenson CB: 6353
Stephenson RC: 3146
Stephinger U: 3750
Stern A: 3206
Stern IJ: 2978, 6205
Stern J: 1831
Stern RC: 3221
Stern W: 8804
Stern WE: 5392
Sternberg A: 10237
Sternon J: 1668, 8805
Steuber U: 8806
Steven FS: 8807–8808, 8808–8810
Stevens AE: 6350
Stevens AM: 8811
Stevens D: 3182
Stevens DA: 5910
Stevens DJ: 8812
Stevens MB: 4567
Stevenson GT: 4003
Stevenson IH: 1839
Stevenson KE: 5296
Stevenson KJ: 3003
Stevenson RW: 7020
Stevenson SF: 8813
Steward DJ: 1960
Stewart BH: 1948
Stewart ET: 2188
Stewart GA: 8745, 8814
Stewart GJ: 1197, 8815
Stewart JM: 2235
Stewart JW: 526
Stewart KT: 3429
Stewart LE: 4164
Stewart PS: 5732
Stewart RB: 6022
Stibbe J: 8816
Sticchi A: 3131, 3140
Stich W: 8135
Stien R: 1164
Stier A: 2689
Stiffler A: 3968
Still WJ: 6020
Stiller CR: 8817
Stillman RM: 8818
Stilmant MM: 1810
Stimmel F: 8819
Stingl G: 8820
Stinson A: 423
Stinson EB: 3395, 6938, 7931–7932, 8821
Stinson JM: 8822
Stirewalt MA: 6190
Stirling Y: 1207, 4355, 4783, 6048
Stitzel RE: 8823
Stivala SS: 8824
Stobbe H: 8825
Stock C: 2452, 8826
Stock JP: 13
Stocker K: 6645, 8676, 8827
Stocker WW: 8828
Stöcklin G: 8829
Stockmann U: 4948
Stoddard S: 3061
Stoddart JC: 8830
Stoeckenius W: 5603
Stoelinga PJ: 1973
Stoeva SP: 8831
Stoffels G: 9563
Stoffersen E: 2320
Stohlman F Jr: 3210
Stoik GL: 9164
Stojanov B: 7149
Stojanovic R: 3467
Stojčevski T: 8832
Stolero A: 1012
Stoliar GM: 7275
Stolinsky DC: 8833
Stoll C: 5400
Stolle D: 8834
Stoller RG: 8835
Stolte M: 2800
Stoltz JF: 4000, 5202, 8836–8837
Stolze T: 5655
Stone AL: 8838–8839
Stone D: 8840
Stone IM: 8841
Stone ML: 8739
Stone P: 5561
Stone PJ: 8842
Stone RA: 3213, 5404
Stoney WS: 129, 8843, 9178
Stool EW: 4875
Storch H: 218
Storck H: 8844
Storey HT: 6783
Storm E: 884–885
Storm-Mathisen J: 884
Störmer B: 8845–8846
Störmer K: 8846
Stormont D: 8847
Stormorken H: 1900, 3188, 8848–8850
Storstein L: 6658
Storstein O: 1900
Story JA: 4999
Stott H: 8851
Stott L: 4935
Stötter L: 2664
Stout RW: 8852
Stouthamer AH: 2115
Stovbun FI: 9360
Stracher A: 5608, 5810
Straith RE: 8853
Strander H: 8854
Strandness DE Jr: 8855–8856, 8856–8857
Stranski T: 2759
Straschill M: 8084
Strat V: 5254
Strates BS: 8858
Stratta P: 9566
Straub DL: 1390
Straub PW: 2827, 3000, 7661, 8323, 8859
Strauch M: 3567, 8226
Straus D: 7888
Straus DC: 8860
Straus MJ: 8861
Strauss B: 4530
Strauss I: 9024
Streatfield K: 7094
Streeter RR: 8862
Streilein JS: 3653–3655
Streli R: 6038
Strenkovskaia AG: 107
Stretton RJ: 1561
Strickland JW: 8863
Strickland M: 8864
Strickland S: 8865
Strickland WN: 8864
Stricklin GP: 8866
Strike L: 8867
Stritoni P: 1583
Strnadová M: 1499
Strober W: 4123, 5889, 6571
Stroescu V: 8868–8869
Strohmenger P: 8870
Strohmeyer G: 2370, 8834
Strombeck DR: 8871
Stromer MH: 3941
Strominger JL: 3046
Strömland S: 9562
Strong DM: 1996
Strongin AY: 8800
Strongin AIa: 9455
Strosberg AD: 9474
Strosche H: 8872
Strothmann G: 1290
Stroud RM: 4845, 4924, 5560, 8873
Strouhal E: 8874
Stroup PE: 8875
Struchkov VI: 8876–8878
Struck E: 8879
Struck H: 702, 9422–9424, 9423–9424
Strugatskiĭ ID: 10205
Struhar J: 7303
Strukova SM: 5047–5048, 5048, 5052, 8880, 9408
Strunk R: 8881
Strusevich EA: 8882
Strydom DJ: 8883–8885
Strzelecki R: 6835
Stuart A: 8886
Stuart FP: 8519
Stuart J: 7603
Stuart JJ: 8887
Stuart MJ: 2150, 5151, 8888
Stuart PF: 2602
Stubbings DP: 8889
Stubblefield E: 1196
Stubenbord WT: 7639
Stuchbury T: 3026, 8435–8436
Studd JW: 8890
Stuhlmiller GM: 8891
Stuhlsatz HW: 8042, 8892
Stullken EH Jr: 8893
Stummvoll HK: 10037
Stumpff U: 9322
Stupp H: 8894
Stupp SI: 8895
Sturm G: 3528
Sturm V: 3452, 5071, 8896
Sturman LS: 8897–8898
Sturman SW: 8899
Sturrock RF: 1956
Stürzebecher J: 8900–8903, 9765–9766
Stutman L: 990
Stuto A: 2725
Stüttgen G: 8904
Su T: 7772
Suarez GM: 1426
Suárez JA: 6641
Suaudeau J: 8905
Suba P: 6576
Subbarao K: 8906–8907
Subhan SA: 252
Subotić S: 4513
Subramanian E: 8908
Subramanian G: 1921, 10019
Subramanian VA: 7526–7527
Suc JM: 6879, 7460, 7991
Such E: 2673
Suchomudrenko AG: 10229
Suciu A: 2274
Sudo K: 6000
Sudre Y: 641
Suduca P: 9294
Sue TK: 8909–8910
Suehiro M: 10169
Suehiro S: 6502
Suemori I: 8911
Sugahara T: 6519
Sugár J: 7277
Sugarbaker EV: 8912
Sugarman EF: 8913
Sugarman MM: 8913
Sugawara H: 8914, 9041
Sugawara K: 3875
Sugawara Y: 6801
Sugden PH: 1767, 8915
Sugie I: 3885, 6801
Sugihara H: 6650
Sugimoto C: 9395
Sugimoto M: 8625
Sugimoto T: 4559
Sugimura S: 8752
Sugimura T: 6007, 9142
Sugino Y: 5086
Sugisaka N: 8916
Sugiura K: 8917
Sugiura M: 4757, 8918–8920, 8919–8922
Sugiyama H: 1943
Suhaciu G: 1636
Suhar A: 9134
Suinat JL: 8923
Sukhanov AA: 8924
Sukhanov VA: 8924
Sukharev II: 8347–8349
Sukharev VM: 3266
Sukhomlinov BF: 8925
Sukhorukov VP: 2476
Sukhova AG: 3235, 9643
Sulakhe PV: 8926
Sulakhe SJ: 8926
Sulc M: 2143
Sulek K: 8927–8928, 8928
Sullender J: 6482
Sullivan AK: 7801
Sullivan B: 8929
Sullivan HR: 3891, 3893
Sullivan J: 8930

Sullivan JD Jr: 8931
Sullivan JL: 8932
Sullivan LW: 8933
Sullivan MJ: 8992
Sullivan SF: 6836
Sullivan TJ: 364
Sulowicz W: 9005
Sulowska Z: 2995
Sulser H: 5366
Sultan C: 1217
Sultan Y: 3336, 4304, 4592–4593, 5773, 8934–8936, 8935–8936
Sultzer BM: 8937
Sümegi J: 8938
Sumi H: 8939
Summaria L: 7670, 8940–8941, 10033
Summer DJ: 2870
Summer K: 9374
Summers AO: 2138
Summers DF: 7680
Sumner DG: 2869
Sumoza A: 8942
Sun FF: 8943
Sun NC: 1739
Sun P: 7413
Sun TT: 10245
Sund H: 1957, 7488
Sund ML: 8944
Sundby F: 4238
Sundqvist KG: 2383
Sundt TM Jr: 7191, 7758
Sundwall A: 157
Sungpeuk P: 8718
Sunshine G: 4001
Suomela H: 8945–8949, 8947
Supawan V: 8065
Suppan G: 7376
Suppipat N: 8948
Suquet JP: 5345–5346
Suranová J: 4782
Suri BS: 8949
Suri ML: 8372
Surovikina MS: 8950–8951
Surprenant J: 4048
Surprenant, J: 4050
Surynek J: 7350
Sušaković N: 2172
Suscillon M: 691, 5887, 9301
Sushak C: 4288
Sushkevich GM: 7061
Sushkevich GN: 476–478, 7059
Sushkevich GP: 7057
Sušić H: 5807
Susin M: 4087
Suslina ML: 10212
Süss KH: 8952
Sussman II: 8953, 9873
Sussman W: 7120
Suter AH: 8954
Suter PM: 8955–8956
Sutera SP: 8957
Sutherland I: 4460
Sutherland WH: 8958
Suto T: 9054–9056, 9055–9056
Sutoh K: 8959
Sutor AH: 1046, 4332, 8960–8966
Sutor H: 8128
Sutthiwan P: 8967
Suttie JW: 2500, 3340–3341, 8795, 8968–8970
Sutton MR: 8971
Sutton RA: 510
Sutton RH: 8972–8973
Sutton TJ: 8974–8975
Suvorov AV: 222, 227
Suvorova IA: 70, 3235, 9643
Süwer V: 3528
Suzanne J: 1597
Suzdal'tsev AE: 8976
Suzuki A: 3941
Suzuki H: 7913
Suzuki J: 6667, 8977
Suzuki K: 8978
Suzuki M: 4714
Suzuki S: 101, 8979–8982
Suzuki T: 4211–4212, 4558
Suzuki Y: 8983
Suzuyama Y: 5991
Svalander: 743
Svalander C: 6476
Svanberg L: 8984
Svanborg N: 8985
Svane S: 8986
Svedentsov EP: 8411
Svendler CA: 3154
Svendsen E: 8987
Svendsen P: 8988
Svensson I: 2461
Svensson J: 7961, 8989–8990
Sverdlov AG: 4982
Svidchenko AL: 5797
Svorcová V: 3969
Swaisgood HE: 3986
Swallow D: 703
Swan ID: 8908
Swan JA: 4634
Swanepoel E: 6990
Swanson AA: 8991
Swanson DA: 8992
Swanson E: 2030
Swanson J: 8993
Swanson JO: 8994
Swanson PD: 2321, 3541
Swanson R: 4589
Swaroop R: 5409
Swart ER: 43
Swedenborg J: 6856
Sweeley CC: 3546
Sweetman BJ: 6781
Swiątkowski K: 9437
Swierczek J: 4898
Swinburne L: 8995
Swinden LB: 8405
Swisher SN: 8996
Switoniak-Dyszy Z: 8999
Switzer ME: 8997, 9932
Switzer RL: 3612
Swynghedauw B: 8218
Sy WM: 8998
Sychenikov AI: 8341
Sykes A: 7497
Sykes BD: 5891–5892
Sykes SM: 9974
Sylvén C: 5140
Sylwanowicz L: 8999
Symbas PN: 3631, 8596, 9000
Symchych P: 1158
Symchych PS: 9001
Symington IS: 9002
Symon L: 9179
Synovets AS: 9003
Syo DD: 2098
Syrkin AB: 4362
Sysoeva ZhI: 7575
Sytina NP: 609–610, 5040, 5042, 5045–5046
Szabó G: 9004, 9488
Szabó T: 6464–6465, 9463
Szakáll S: 4613
Szalay S: 7029
Szantay I: 2274
Szczeklik J: 10279
Szczepaniec M: 9005
Szekely AM: 9006
Szekely J: 2896–2897, 3060
Széll E: 450
Szendrei K: 732
Szentirmay Z: 7277
Szepietowska W: 9007
Szewczyk Z: 7496, 9008–9009
Szigeti A: 7743
Szigetvári I: 7459
Szilagyi H: 2274
Szilágyi K: 1291
Szilágyi T: 8543–8544, 8544–8545
Szmidt M: 7858
Szmigielska H: 7400
Szofer W: 10291
Szondy E: 619, 2897, 3060
Szostek M: 6628
Szot W: 6391
Szpilman H: 9586
Szpunar M: 2995
Szram S: 371
Szuki S: 9010
Szumilewicz-Serocka B: 4298
Szydłowski Z: 3382
Szymaniec J: 9371
Szymendera J: 9011

T

Taalen BG: 9012
Tabaszewski A: 8724
Tabe-Tabe D: 7843
Tabolin VA: 9013
Tabrizi A: 8775
Tabushi I: 9014
Tachikawa J: 2890
Tachiya K: 266, 10163
Tack BD: 9015
Tacogue L: 9243
Tacu V: 9016
Tadić-Tigerman V: 9017
Tädling A: 5755
Tadman AJ: 2162
Tadokoro H: 9018
Tafner G: 9019
Tagliacozzo S: 9020
Tago M: 6867
Taguchi K: 102, 9021
Taguchi T: 6692
Tahara Y: 10106–10107
Tahmooressi P: 7507
Tai JY: 9022–9023
Tailiez R: 2304
Taindel Cl: 9024
Taintor RR: 3831
Tait JH: 3074
Takada A: 8939
Takada Y: 8939, 9025
Takagi K: 9026
Takagi S: 3997, 9027
Takagi T: 2220, 2223, 6510–6511, 10159
Takahashi H: 4211, 7920, 9027
Takahashi K: 1508, 2456, 6005, 6510–6514, 7890, 7919–7922, 8643–8644, 9028–9033, 9514
Takahashi M: 4177, 9066, 10079
Takahashi R: 4162
Takahashi S: 9034–9042
Takahashi T: 4483, 6317
Takai Y: 6674, 9040, 10115
Takaki A: 9045, 9047
Takakura K: 6520
Takamatsu H: 5039
Takamatsu S: 9041
Takamura K: 9817
Takano T: 6508
Takaori M: 6507, 9042
Takase T: 2861
Takashima T: 28
Takayama H: 6526
Takayama N: 9043
Takayanagi G: 7909
Takebayashi S: 9107
Takeda A: 4883
Takeda H: 9044
Takeda S: 9045–9047
Takeda Y: 277, 3249, 4829
Takeichi K: 2863
Takeichi M: 6951, 9430
Takeichi N: 9048
Takemoto KK: 5965
Takeno K: 2849
Takeshima K: 10108
Takeshita M: 4759
Takesue Y: 9049
Taketa F: 9050
Taketomi Y: 9051
Takeuchi H: 9052–9053
Takeuchi K: 6786, 6817
Takeuchi S: 9054–9056, 9055–9056
Takeyama I: 4831
Takigawa M: 9057
Takimoto H: 102
Takisawa H: 10124
Takita T: 9065
Takiuchi I: 9058
Tal N: 928
Talakov A: 2192
Talalak P: 9059
Talarico L: 2744, 4993, 9060
Talbot JC: 1792
Talbot WA: 5409
Talley RW: 6984
Tallián A: 9061
Talner LB: 9062
Talner NS: 767

Talvik R: 9063
Tamagnini GL: 8726
Tamai S: 9064–9065
Tamakawa Y: 9066
Tamaura Y: 3670, 10124
Tambert F: 5938
Tamborine G: 9067
Tamborino G: 9068–9069
Tamikawa T: 4580
Tamm K: 9364
Tamminga C: 6982
Tamoto K: 9030
Tamura H: 2865
Tamura R: 9049
Tamura T: 2859
Tamura Y: 9070
Tan B: 3420
Tan H: 1766
Tan HS: 7655
Tan KL: 9071
Tan L: 5426
Tan MH: 9072
Tan NG: 3321
Tan NH: 9073–9074
Tan R: 9075
Tanabe H: 2890
Tanahashi K: 3970
Tanaka A: 4163
Tanaka J: 9076
Tanaka K: 9077, 9296, 9824, 9826
Tanaka M: 9078–9080, 9079–9080
Tanaka R: 7908
Tanaka S: 9081–9082
Tanaka T: 6650
Tanamoto K: 3958
Tananis CE: 6087–6088, 6088
Tancredi F: 2044
Tandon AP: 4155
Tang J: 5870
Tang SS: 9083
Tanganelli P: 9844
Tangen O: 1407, 10150
Tanger D: 3625
Tangiku O: 6825
Tangri KK: 807
Tani N: 9035, 9038
Taniguchi T: 9084
Taniuchi H: 32, 1971, 3616
Tanizawa K: 9085
Tannenbaum SR: 6796
Tanner JC Jr: 9504
Tanner MJ: 4319
Tanner W: 3680
Tannert W: 9086
Tanoue K: 6694
Tanphaichitra D: 5393
Tanswell P: 9087
Tanzawa H: 6232
Tanzi R: 2637
Tapia A: 5563, 7745
Tapia L: 7639
Taplin GV: 9088–9091
Tapon J: 1462, 3314
Tappan DV: 4218
Tapscott EB: 502
Tarâlov S: 9092
Tarantino A: 514
Tarantino G: 6091
Taraphdar DK: 6407
Tarasiewicz S: 9093
Tarasov NF: 8750
Tarasov NI: 9094
Tarayre JP: 9095
Tareev EM: 9096
Tareeva IE: 9097
Targ ME: 8949
Targum SD: 3068
Tarkka M: 4457
Tarnasky R: 3497–3498
Tarrant D: 1360
Tartakovskaia AI: 9098
Tarui S: 2894
Tarusov BN: 5387
Tas J: 9099
Tascon A: 7980, 9100
Tashiro M: 4110, 10103
Tasman WS: 8419–8420
Taswell HF: 1232
Tata JR: 3795
Tatarzyńska-Nowakowska A: 5242
Tatchell K: 5461
Tate DF: 9101
Tateishi H: 4723
Tateson JE: 9102
Tatezawa T: 9066
Tatsumi Y: 9064–9065
Tatsuta N: 5994
Tattersall P: 9103
Taub R: 138
Taub RN: 1109
Taube HD: 9104
Tauber R: 7151
Taubkin RL: 9013
Tauchert M: 3852
Tauchmann M: 9105
Tauchmannová H: 9105
Taunton OD: 4227
Taura K: 9106
Taura S: 9107
Taurog A: 5163
Tauschel HD: 9108
Tauziet Ch: 2745
Tavassoli M: 9109–9110
Tavis MJ: 9111
Taylor B: 4752
Taylor BG: 9112
Taylor CE: 2436
Taylor CI: 3833
Taylor D: 6099
Taylor DG: 454, 9113–9114
Taylor F: 8209
Taylor GM: 7620
Taylor HW: 5454–5455
Taylor NS: 7290
Taylor PA: 9115
Taylor RS: 9116
Taylor SR: 9117
Taylor WJ: 1624, 9118
Taylor WL: 9119
Tazzari R: 5832
Tchertkoff V: 6530
Tchórzewski H: 9120
Teague PO: 6126
Tedeschi GG: 9121–9122
Teele RL: 9123
Teeslink R: 1153
Tefft M: 9124
Teger-Nilsson A-C: 743
Tegner H: 6807, 6809, 6813, 9125–9126
Tegtmeier RE: 9127
Tegtmeyer CJ: 9128–9129
Teichman S: 3250
Teien AN: 9130–9131
Teige J: 9132
Teiko P: 4170
Teillet F: 5166
Teitelbaum S: 9133
Tejada P: 931
Tekavčič E: 9134
Tekemura S: 4887
Telfer M: 1536
Telfer MC: 1537
Telischi M: 9135
Tellam R: 9136, 10012
Teller DC: 2030
Tellez G: 5915–5916
Tellez-Yudilevich M: 9137
Tellini N: 821
Temler RS: 9138–9139
Tempel G: 9666
Temperley IJ: 6434
Tempero KF: 9140
Temple JT: 247
Tencer Y: 5747
Tench WD: 8731
Tenenhouse A: 9622
Teng CM: 6924–6925
Tenière P: 9827
Tenner A: 8161
TenPas JH: 9400
Tenti L: 1404
Tentsova IA: 8650
Teodoro S: 2056
Teoule R: 1361–1362
Teplitz C: 9141
Tepper SA: 4999–5000, 5000
Ter-Pogossian M: 9882
Terai M: 9142
Terakawa S: 9143
Teramo A: 7838
Terasaki PI: 3348
Terekhov NT: 9144–9146
Terekhova NV: 5064
Tereschtschenko WP: 4908
Tereshin IM: 283, 4980–4981, 9432
Terman S: 5344
Ternouth JH: 9147
Ternovoĭ KS: 9148
Terokhov NT: 9149
Terragno A: 9151
Terragno DA: 9150
Terragno NA: 9150–9151
Terrasse J: 9152
Terry EN: 9153
Tershak DR: 9154
Teršip K: 570
Teschemacher H: 5013
Tesluk H: 7293
Tessenow W: 2466
Testa NG: 6185
Testart J: 9827
Tetzlaff W: 2086
Teubl I: 9231
Teucher A: 6241
Tew JG: 2209, 7676
Tewfik F: 9155
Tewfik H: 9155
Tewksbury DA: 9156
Thabaut A: 2514
Thaggard A: 9157
Thakur ML: 9158, 9882
Thaler E: 1136, 5284–5285, 6635, 6724, 7181–7182, 9159
Thaler MM: 2491, 7184
Thaller MC: 765
Thames KE: 3663
That HT: 7991
Thatcher DR: 9160–9161
Thébault JJ: 9227
Theilen GH: 3780
Theis H: 5329
Theis W: 9162
Theiss W: 4991, 9163
Thelen M: 834, 6553
Theman TE: 9164
Theobald W: 2143
Theofilopoulos AN: 608
Theorell H: 9165
Therman E: 1911
Theros EG: 9166
Thesleff S: 4343
Thevathasan EM: 4947
Thevenet A: 5961
Thibeault DW: 8528
Thiebot MH: 966
Thiel G: 9167
Thiel H: 1224
Thiele J: 9168–9169
Thiercelin JF: 3929
Thierfelder S: 3
Thierry C: 9170
Thiery M: 424
Thies HA: 9171
Thillet J: 1095, 2968
Thirwell J: 4460
Thiry L: 3727
Thiry PS: 9172
Thivolet J: 6901
Tholen W: 9173
Thoma K: 9174–9175
Thomas A: 9505
Thomas AW: 9176–9177
Thomas B: 2417
Thomas BH: 10054
Thomas CS: 9178
Thomas CS Jr: 129, 8843
Thomas D: 8751
Thomas DJ: 9179
Thomas DP: 5182, 8253, 9180–9183
Thomas DR: 3464, 8752
Thomas E: 1289
Thomas ED: 6122, 9184
Thomas EJ: 4553
Thomas GK: 9185
Thomas H: 9186
Thomas HC: 4259
Thomas J: 23, 9187

Thomas JA: 9188–9190
Thomas K: 9191
Thomas L: 9192
Thomas ML: 6776, 9193
Thomas PE: 9194
Thomas RD: 6619–6620
Thomas T: 9195
Thomes Carrata A: 9565
Thomopoulos D: 8757
Thompson AJ: 8340
Thompson AR: 9196–9199
Thompson DS: 9200
Thompson E: 9201
Thompson EJ: 10135
Thompson EO: 493
Thompson J: 9202
Thompson JE: 5542
Thompson NJ: 1716
Thompson RA: 9203
Thompson RP: 1811
Thompson S: 6162
Thompson SI: 152
Thompson WM: 9204
Thomsen J: 1241
Thomsen K: 8729
Thomsen TA: 9205
Thomson AW: 2750, 9206
Thomson JM: 3362–3363, 7295, 7297
Thomson NC: 9207
Thomson NM: 8340, 8523, 9208
Thomson PD: 4504
Thomson PE: 3873
Thong KL: 5859
Thonnard-Neumann E: 9209
Thorau U: 6582
Thorbecke GJ: 6961
Thorley-Lawson DA: 3368
Thorne DR: 8521
Thorne KJ: 9210
Thornes RD: 3845–3846
Thornton C: 992
Thornton JW: 9111
Thornton PC: 3311
Thornton WN Jr: 6024
Thorogood P: 6272
Thorp S: 833
Thorsen S: 1655, 9211
Thorup M: 9212
Thouvenot JP: 191, 2302
Thrall JH: 4718
Thümler P: 4510
Thunell S: 6699
Thuot C: 9213
Thurber LE: 2993
Thurer RJ: 8841
Thurman GB: 3223
Thurner J: 9214–9215
Thurston GB: 1588
Thurstone FL: 4074
Thwaits BH: 9216–9217
Thylen U: 9515
Thyme S: 9985
Ti M: 6713
Tibbutt DA: 9218–9219
Tice DA: 9220
Tickle IJ: 8908
Tideman H: 1973
Tidir AA: 9221
Tidwell RR: 9222
Tiefenbach A: 4891
Tiell ML: 1309
Tietjen GW: 9223
Tigliev GS: 9398
Tigranian RA: 3010
Tikhaze AK: 5196–5197
Tikhomirova NI: 9224–9225
Tikhonova EP: 9226
Tikko H: 9364
Tikoff G: 7598
Till K: 65
Tillement JP: 9227, 10272
Tilley LP: 9228
Tillman ML: 1332
Tillman W: 9229
Tilstone WJ: 9230
Tilz GP: 9231
Timan G: 3704
Timerbaev VN: 9232
Timmons S: 3706
Timofeev GA: 4890, 7886
Timoshenko LI: 9233–9234
Timoshenskii VI: 9235–9236
Timperley WR: 7863
Timpl R: 9087, 9237
Timsit J: 9238
Ting CC: 9239–9240, 9240
Tingaud R: 7429
Tinker DO: 4768
Tintinalli JE: 9241–9242
Tiotto R: 8657
Tirao L: 9243
Tirard A: 7748
Tircoveanu E: 5254
Tiro A: 3355
Tischenko EG: 9283
Tischer W: 9397
Tishcheno LM: 4789
Tishler PV: 8210
Tiška-Rudman L: 9244–9245
Titanji VP: 9246
Titov VN: 5197
Titova IV: 107
Titova MI: 9247
Tittley P: 7697
Titus JL: 4714
Tiunova NA: 9248
Tivol WF: 9249
Tixier G: 9250
Tjönneland S: 5116
Tkach EA: 3157–3158
Tkachuk VN: 9251
Tkaczevski V: 5053
Tkamiya H: 9667
Tkhor SN: 5227, 9673
Tobelem G: 1363, 3334, 5020, 5817, 9252–9253
Tobey RA: 3844
Tobia M: 1392
Tobias JA: 9254
Tobias PS: 9255–9256, 9256
Tobik S: 9257
Tobin JD: 1972
Tobita T: 6517–6518
Toca V: 9298
Tochen ML: 9258
Tochigi B: 9027
Tochigi H: 9027
Tockman MS: 1683
Tocornal J: 9259
Toczko K: 4941–4942
Todd AS: 3623–3624, 3624
Todisco T: 1774
Todorenko AD: 6070
Todoreskov R: 3154
Toffano G: 9260
Tofović P: 9261
Toghill PJ: 9262
Tognella S: 9263
Togo Y: 9027
Tohyama T: 9066
Toigo G: 4032
Tokarev IuN: 17, 9264
Tokarev OIu: 478
Tokuhiro H: 3875, 5098
Tokunaga E: 7997–7998
Tokushige M: 6237
Tokuyasu T: 6490
Tolbert B: 9362
Tollas G: 2586
Töllner U: 9265
Tolone G: 471
Tolot F: 9266
Tolstykh PI: 3307–3308, 3412–3413, 4676
Tolstykh VM: 5613
Tomalin G: 3365
Tomana M: 6113
Tomar RH: 7219
Tomaschoff J: 9698
Tomasi L: 2018
Tomasi TB Jr: 1314
Tomasi V: 9267
Tomasini I: 7837
Tomasz A: 5563, 7745
Tomatis R: 7690, 9268
Tomchin IaN: 4888
Tomczak Z: 294
Tometsko AM: 9269
Tomich JM: 1571
Tomioka S: 2893
Tomita K: 4111, 9270
Tomita N: 9271
Tomizawa J: 3033
Tomlinson AL: 9896
Tomlinson J: 5290
Tomlinson TA: 4876
Tomonaga M: 9272
Tomono Y: 10164
Tomova T: 9273
Tompkins WA: 7767
Tomsick TA: 5621
Tonak J: 9274
Tonami N: 4178–4180
Tone RV: 5081
Tong NT: 4354
Toni G: 796
Tonkonozhenko VI: 6980
Tonković I: 5027, 9275–9276
Tonnu NT: 7106
Tonolli MC: 2024
Tonomura B: 2854
Tonomura Y: 8418
Toole JF: 9277
Toomasian JM: 9278
Toomey JM: 6864
Tooney NM: 9279
Topchienko VS: 4979
Topf G: 9280
Töpfer-Peterson E: 9281
Topliss JG: 9282
Torain BF: 8542
Torche S: 7463
Torchilin VP: 9283
Torchinskii IuM: 9284
Torhorst J: 3453, 3455
Torik ZhN: 4533, 9096
Torikata T: 7744
Tormey DC: 4147, 9285
Törngren S: 2741–2742
Tornqvist H: 662
Tornyov A: 9286
Toro E: 7463
Török L: 9287
Toropov IuD: 9288
Torres AR: 7966, 9289
Torres J: 6984
Torresani J: 315
Torresani P: 7981
Torstila I: 7489
Toskes PP: 9290
Toth B: 9291
Toti P: 9846
Toto N: 1673
Totolian AA: 3322
Tötterman TH: 5794
Toubas PL: 7559
Toubol J: 7505
Toulemonde F: 4681
Toupin J: 9292
Tourbaf K: 4694
Tourbaf KD: 9293
Tournay R: 593
Tournut R: 9294
Toussaint C: 4730
Touster O: 9362
Tow DE: 7007, 7996, 8368, 9295
Towan H: 7747
Towatari T: 9296
Towers GE: 9904
Towne DW: 6150, 8458
Towner RD: 3892
Townes AS: 7345
Townsend D: 3061, 3163
Townsend MG: 2428
Tracey DE: 10045
Trach BP: 9297
Tracy RE: 9298
Tracz W: 4417
Traficante LJ: 99, 9299
Trager WF: 7269–7271, 7355, 9300
Tragl KH: 591
Trainin N: 8446
Trainor FS: 5288–5289
Tranqui L: 9301
Trapnell JE: 9302
Trappler B: 9303
Traub RF: 1113–1114, 9304
Traub WH: 9305
Traube L: 4948

Traupe H: 8061
Trautwein G: 8139, 8203
Traverse G: 1597
Traverso HP: 3699
Travis J: 592, 4351–4352, 4352, 5980
Treadway WJ Jr: 9306
Trede M: 2000
Trefiletti V: 1737
Tregear GW: 3232
Trentini GP: 2020
Trentz O: 8151
Trepel F: 6945
Tres Sánchez A: 9307
Treutler H: 6920
Trewby PN: 8496
Tria E: 9308
Triantafyllou G: 7302
Triantaphyllopoulos DC: 4491–4492, 9309–9310
Tribby II: 6690
Tricot G: 2137
Tricot JP: 1711
Tricot R: 9477
Trieger N: 3115
Trimble AS: 9164
Triolo R: 9311
Triplett DA: 4844, 9312
Tritakis C: 6996
Tritsch D: 2375, 9313
Trnavský K: 9105
Trobisch H: 2355, 5348, 9314
Trobridge AA: 3367
Trochard MC: 9315
Trockenbacher M: 8213
Troglia C: 1737
Troise W: 165–167
Troitskiĭ VB: 5428
Troitsky GV: 10229–10230
Trojan H: 4792
Trokel SL: 3843
Troll W: 4653, 8189, 9316
Tronnier H: 1050
Tropé C: 353, 355
Troshin AS: 6655
Troshina VM: 9317
Trotsiuk VV: 9675
Trouillet G: 1357
Trowbridge AA: 1400
Trowbridge CL: 3870
Trowbridge IS: 9318
Trpin L: 9319
Trube-Becker E: 9320
Trübestein G: 9321–9325, 9323
Trübestein GK: 9324
Trubitsyna IE: 186
Truckenbrodt H: 9325
Trudolyubova MG: 5406
Trugnan G: 9326
Truitt DH: 2679
Trujillo Rodriguez F: 2037
Trukhan AS: 4683
Trumm M: 9327
Trümpi B: 9328
Trunk H: 606
Trunkey DD: 3927, 5462
Truog P: 9329
Truog R: 4009
Truskolaski P: 9330
Trusov OA: 9331–9332
Trusov VV: 5364
Trusova NF: 6992
Truswell AS: 430, 7951, 9333
Tryding N: 6699
Trzebicki J: 10073
Tsacopoulos M: 9334
Tsakok FH: 9335
Tsalenchuk IaP: 8466–8467
Tsang VC: 9336–9337
Ts'ao C: 3357, 9338
Tsaplina IA: 5540–5541, 6589
Tsariuk LA: 664
Tsariuk NB: 9339
Tsay DD: 9340
Tsay YG: 5306
Tscherne H: 8151
Tschesche H: 1015–1017, 2144, 2146, 2829, 7431–7432, 7432, 8112, 9341–9342
Tschochner H-J: 9343
Tschöpe W: 9344
Tschopp TB: 602, 9345
Tsekov M: 5772, 6188
Tseng C: 9346
Tseng LF: 9347
Tsepa LS: 3451
Tsera VIa: 5888
Tsiapalis CM: 9348
Tsien G: 3687, 3689
Tsikarishvili NV: 7146
Tsimmerman IaS: 9349
Tsiomik VA: 2617
Tsiperovich DS: 4877
Tsirkin RS: 6821
Tsirkins AS: 9264
Tsitron AI: 6978
Ts'o PO: 548
Tsomyk VG: 7425
Tsuang J: 1690
Tsuboi T: 2849, 10160
Tsubokawa T: 5083
Tsubura E: 9350
Tsuchiya R: 9107
Tsuda M: 5086
Tsugita A: 4169
Tsuji A: 4735
Tsujita T: 10118
Tsujita Y: 9351–9352, 9352–9353
Tsukagoshi N: 9354
Tsukamoto S: 6814
Tsukamoto Y: 6905
Tsukerman GI: 9355
Tsukioka A: 10122
Tsurkan NA: 9360
Tsuru D: 2853–2854
Tsuru K: 2852
Tsushima K: 6541
Tsushko VS: 9356
Tsuzuki H: 6321
Tsvetkov AA: 4453–4454, 9247
Tsvetkova IV: 9357
Tsvetkova SE: 2058, 7829
Tsvetkova TsM: 9358
Tsybikov NN: 5110, 9359
Tsybul'kin EK: 3275
Tsybyrne KA: 9360
Tsyperovich AS: 4527
Tuazon CU: 6455
Tucker RD: 3608
Tucker TF: 690
Tuderman L: 262
Tuengler P: 9361
Tuetey JB: 9858
Tufiño A: 7244
Tulevski V: 2691
Tulliez M: 1217
Tullis JL: 1511, 9821
Tully JG: 4448
Tulsiani DR: 9362
Tulumello TN: 10062
Tulusan AH: 7369
Tumanov VA: 1540
Tumko GV: 9363
Tünder E: 9364
Tunell WP: 9365
Tung AS: 873, 1394
Tung MS: 9366
Tung YC: 9367
Tuoni M: 796
Tura S: 7837
Turbina IL: 4686
Turc JM: 9170
Turcotte RJ: 6435
Turczyński B: 9368–9371
Turi G: 119
Turk P: 320
Turkel EJ: 8345
Turkel S: 7084
Türker RK: 2486
Turková J: 9372
Turndorf H: 5300
Turner JE: 8704
Turner ME: 894
Turner P: 2385
Turner R: 8026
Turner RH: 4048
Turner RL: 905
Turner RW: 9373
Turney SZ: 392
Turnheim M: 9374
Turnier E: 143
Turovtseva VV: 9375
Turpie AG: 2937, 4046, 5203, 9376–9377
Turpini R: 9378
Turtur A: 1167
Turula J: 9269
Turut F: 2760
Tusell J: 4301, 6899, 9379
Tusukaliev U: 4695
Tuszynski GP: 9813
Tutterová M: 9380
Tweedle DJ: 9206
Twining SS: 9381–9382
Twinn KW: 1328
Twumasi DY: 9383
Tyagi AK: 9384
Tyberghein J: 9606
Tyers GF: 9385
Tyhurst M: 9137
Tymińska K: 5803
Tymiński W: 9386
Tympner F: 9387
Tyrankiewicz Z: 4217
Tyson JE: 9388
Tyszkiewicz Z: 9389

U

Ubatuba FB: 643, 2606
Uberschär S: 3447
Ubysz-Jerzmanowska K: 9390
Uchida H: 6519
Uchida K: 1895
Uchiyama M: 9079
Uchiyama Y: 5989–5990
Uchman B: 726
Uchman E: 7870
Uchytil TF: 8768
Udall KS: 9988
Uddin M: 8035
Udén A: 1410
Udenfriend S: 7820
Udey MC: 363
Udvardy A: 8938
Ueda E: 6669–6670
Ueda H: 6815
Ueda K: 8918
Ueda T: 6231, 9391
Uehara S: 9392
Uehlinger A: 7661
Ueki K: 276
Ueki Y: 4583
Uemura T: 9393
Ueno H: 9394
Ueno I: 1618
Ueno Y: 9395
Uesaka I: 9396
Uete T: 6323
Uflacker R: 9397
Ugander L: 6108
Ugrinovski J: 9261
Ugriumov VM: 9398
Ugriumova MO: 9399
Uhl HC: 4804
Uhlemann ER: 9400
Uhlenbruck G: 1892
Uhlig J: 2816
Uhlíř M: 9401
Uhlschmid G: 5958–5959
Uhr JW: 690
Uhteg LC: 9402
Uiberak H: 706
Uitto J: 5439
Ujjwal JS: 809
Ukena TE: 1036
Ukraintsev AD: 9707
Uleri G: 10289
Ulevitch RJ: 9403
Ul'ianov AM: 609, 5040, 5042–5043, 5045–5046, 5434, 9404
Ul'ianova LI: 917
Ullman HL: 5872
Ullmann U: 9405
Ulmer WT: 4166–4167, 9406
Ulreich S: 639
Ulrich B: 6631
Ulrich F: 9407
Ulrych S: 4964

Ulutin ON: 10130
Umarova BA: 9408
Umbert P: 9409
Umegaki K: 9410–9411
Umegane T: 5991
Umetsu T: 6217, 9412
Umezaki T: 9079
Umezawa H: 9413–9414
Umlas J: 2744, 9415
Unanue ER: 8182
Underdown BJ: 9416
Unfried P: 1597
Ungar F: 9417
Ungar G: 9101
Unger BC: 9418
Unger F: 9419
Unger JL: 9420
Unger M: 9421
Unger RR: 2590
Unger T: 9422–9424, 9423–9424
Unger V: 8073
Unkeless JC: 9425
Untucht-Grau R: 9701
Uono M: 2862
Upham AT: 5291, 7390
Upton R: 3929
Ur A: 9426
Urata G: 4564
Urbanitz D: 9427
Urca I: 10237
Urech C: 9428
Urist MJ: 4234
Urlesberger H: 9429
Urquhart C: 9935
Urquhart CM: 9936
Ursea C: 1341
Urushihara H: 9430
Urvölgyi J: 9431
Usami S: 1572
Usanga EA: 2349
Usategui R: 9315
Usenko KS: 2059
Usenko LI: 9432
Usharovich SM: 4677
Usndek HE: 6062
Usnr MC: 9478
Uspenskii SP: 9433
Usvatova IIa: 9434
Uszynska-Folejewska R: 9435, 9437
Uszyński L: 3105
Uszyński M: 9436–9437
Utaka M: 4883
Uteg KH: 9438–9439
Uthoff A: 5352
Uthoff C: 5352
Utian WH: 9440
Utkin W: 9441
Utsinger PD: 909
Utunomiya J: 4210
Uyeda K: 4512
Uza G: 9442
Uzan A: 5263
Uzhdavinis GP: 5951
Uzuka M: 9443
Uzunova AD: 9444

V

Vaage J: 9445–9447
Vaage S: 5116
Vacher D: 6326
Vacheron MJ: 302, 9448
Vachon JM: 1043
Vacquier VD: 9449
Vadasz G: 9450
Vadász K: 9451
Vadot M: 9452
Vaes G: 2347, 3116, 5347, 9453
Vafin AZ: 9454
Vaganova TI: 9455
Vagelos PR: 8971
Vagher JP: 1395, 1398
Vagher P: 1687, 3556
Vahanian A: 30
Vaheri A: 4648
Vahrson H: 9456
Vaillancourt RA: 1430–1431
Vaillant R: 9315
Vaille C: 1517
Vainer H: 9457–9461, 9459
Vainieri H: 9460
Vainio H: 96, 7011
Vaintraub IA: 9461
Vairel E: 4061
Vairel EG: 5575
Vaisrub S: 9462
Vajda T: 9463
Vakhidov VV: 9464
Vakhnina DA: 9465
Valagussa P: 979
Valdecasas FG: 9634
Valderrama JC: 5578
Valdes AJ: 984
Valdés M: 9466
Valdes M Jr: 9467
Valdés Chavarri M: 9468–9469
Valdéz C: 5137
Valdiguie P: 2178
Valdimarsson E: 5458
Valenkevich LN: 9470–9471
Valensa AO: 9472
Valenta LJ: 9473–9474
Valenta V: 9474
Valente G: 2793
Valentin F: 9475
Valentine BH: 9476
Valentyn-Benz M: 7237
Valere PE: 9477
Valeri CR: 1746–1747, 1845, 2744, 8567, 8694–8695, 9478–9479
Valero A: 8634
Valiev FG: 843
Valle KJ: 9480
Vallee BL: 3944, 4406
Vallee RB: 9481
Valles H: 9170
Valles J: 9482–9483
Valletta M: 775
Valli VE: 2711–2712, 2712
Vallini A: 9484
Vallner JJ: 9485–9486
Vallota EH: 6869
Vallotton MB: 9487
Valois M: 641
Valty J: 3050, 4383
Valu G: 9488
Valueva TA: 6372
Valvo E: 7375
Van HV: 2384
van Ackern K: 7130
van Aken WG: 1586
Van Alphen PJ: 9489
van Assendelft A: 8306
Van Baelen H: 9490
van Beers G: 10135
Van Bekkum DW: 7777
van Bergen TJ: 9491
VanBergen WS: 9975
van Beynum GM: 9492
Van Biervliet JP: 8725, 9493
van Bree L: 9564
van Caillie M: 6324, 9494
Van Coller B: 4657
Vančura J: 570
Van Damme W: 9495, 9719
Van de Berg L: 9496
Van De Casseye W: 2362
van de Loo J: 9497
Van De Putte LB: 9498
Van de Vorst A: 1385
Van de Vyver G: 9499
van de Werve G: 9500
VandeBerg JL: 9501
van Deenen LL: 1512, 9959, 10306
Vandekerckhove J: 9502
Vandekerkhove J: 2786
Van Delden V: 9237
Vandemark FL: 44
Van den Berg A: 9503
Van Den Berghe H: 8646
Van Den Broek WG: 3913
Van den Hende-Timmer L: 9503
Vandenbogaert N: 4451
Vandeput JJ: 9504
van der Linden IK: 780
van der Lyn E: 59
Van der Mast C: 9505
van der Meulen FW: 2464
Van der Molen HR: 9506–9507
van der Schans GS: 9508
van der Slik W: 2121
van der Stricht J: 3225–3226
van der Walt JD: 3239
Van der Walt LA: 1239
van der Zee H: 5809
Vandervliet SK: 9509
VanderWerf BA: 9510
Vandevenne A: 788
Van Dijk PM: 9511
van Dijk-Wierda CA: 5533, 9512
van Dongen RJ: 2000
van Doorm JM: 6412, 9513
Vane JR: 643, 896, 2606, 3842, 6270–6272, 6271–6272, 6649, 9102
van Eerd JP: 9514
Vanek D: 1713
van Es T: 25
Van Ess JD: 8221
Vanetti A: 2270
van Furth R: 9202
Vang J: 9515
Van Geertruyden J: 4730
Vangilder JC: 1176
Van Gysel JP: 9588
Vanhaelen M: 9516–9517
Vanhaelen-Fastré R: 9516–9517
van Helsdingen RJ: 9518
Van Hoof A: 9578, 9606
van Kammen D: 6450
van Kammen DP: 1247
Vankemmel M: 5422
van Kempen GM: 2121
Van Kirk OC: 9519
Van Loon L: 3964
van Miert AS: 8591
van Mourik JA: 1066
Vannier C: 9520
Vannier WE: 6457
Vannini A: 9521
Vannini P: 8681
van Nispen JW: 9522
Vannucchi S: 9523
van Oosterom AT: 9524
Van Opstal W: 7667
van Palenstein Helderman WH: 9525
van Praag HM: 9526
van Rheenen-Verberg CM: 945
Van Rietschoten J: 624
van Rooyen AJ: 3077
Van Tilburg NH: 1152, 9559
van Treslong JP: 2464
Van Tuyen GN: 2747
Vanuxem D: 2703
van Veen AT: 5532
van Vreeswijk W: 9527
van Vroonhoven JM: 9528
Van Vroonhoven TJ: 9579
Van Wagenen R: 9747
Van Wyck DB: 10026
van Wyk CE: 3608
Vapalahti M: 4092
Vaquette J: 3839
Váradi K: 9529
Varandani PT: 9530
Varani L: 4987
Varava GN: 498
Varco RL: 893
Varelzidis A: 6974
Varetskaia TV: 664, 5613
Varga G: 5006
Vargaftig BB: 1575, 5313, 9531–9534
Varghese Z: 5365
Varivotskaia NV: 9671
Varma DR: 9535
Varma VM: 5649
Varmund KA: 8309
Varsányi-Nagy M: 7743
Vartanian MM: 9536
Vasanth S: 7414
Vasantha M: 252
Vasciaveo F: 3086
Vashchuk VV: 4475
Vashkinel' VK: 7146–7147
Vasile N: 6311
Vasilenko FI: 5453
Vasilenko GI: 9567

Vasil'ev PS: 4173
Vasilevskiĭ NL: 9537
Vasiljević: 968
Vasiljević A: 968
Vasin VA: 4692
Vasinca M: 9538
Vasiukova EA: 9539–9540
Vassalli JD: 9541
Vassanelli P: 2217
Vassart G: 9542
Vastine DW: 4234
Vataman EB: 9543
Vater CA: 9893
Vatner SF: 5742
Vaudry H: 9315
Vaughan DA: 9544
Vaughan JH: 7786
Vaughan KL: 9545
Vaur JL: 9546
Vawter G: 7413
Vayo HW: 9547
Vayssairat M: 9548
Vazel P: 7227
Vázquez R: 9549
Vazquez Iglesias JL: 9550
Vecchi A: 9121
Vecchi C: 9551
Vecchini P: 184
Vecchione TR: 9552
Vecsey D: 9553
Vedvick T: 1671
Veenhoven WA: 9508
Vega FV: 4894
Vega Franco L: 279
Veh RW: 4157
Vehar GA: 9554
Veith FJ: 518, 1175
Vekemans M: 9555
Vela Navarrete R: 2509
Velfl D: 9712
Velianov D: 9556
Velikanov II: 405
Velkova-Simova N: 3463
Vellar ID: 9557
Velosa JA: 9558
Veltkamp JJ: 1152, 2039, 2640, 5283, 6047, 9524, 9559
Velvart M: 2574
Vendittelli GL: 244
Vendrely R: 3087
Venero Montero F: 6286
Venetianer P: 8938
Venkatachalam MA: 8294
Venkataraman S: 9560
Venkateswara K: 9561
Venkitasubramanian TA: 9384
Venneröd AM: 9562
Venot A: 3904
Vento R: 3253
Ventura M: 7428
Ventura T: 1392
Verbanck M: 9563
Verbanck-Taverne J: 9563
Verbeke R: 7083
Verboom CN: 9564
Verbraeken H: 2759
Vercellino A: 9565
Vercellone A: 9566
Vercellotti JR: 7936
Verdaguer S: 169
Vereerstraeten P: 4730
Veremeenko GI: 9567
Veremeenko KN: 9568–9573, 9681
Veretilenko VE: 196
Veretinskaia AG: 6886
Verevka VS: 9569
Vergara M: 6124
Verginelli G: 7408
Vergoz D: 9574
Vergroesen AJ: 3981, 9575–9576, 9576–9577
Verhaeghe R: 2211, 9578
Verheij HM: 2530, 7410
Verhoef-Karssen PR: 1226
Verhoog BD: 9579
Veriá M: 1220
Verlin M: 7097, 9580
Verlinde I: 8707
Verlingue R: 7566
Verloes R: 9581
Verma IM: 9582
Verma SK: 1007
Vermeer C: 3774, 9583–9584, 9584–9585
Vermeulen A: 424
Vermylen J: 1047–1048, 1591–1592, 1711, 2011, 2211, 8312, 9586–9587
Vernant JP: 1217
Vernant P: 1358
Veroft R: 9588
Veronesi U: 979
Veroux G: 9589
Verret JL: 8163
Verriest C: 7246
Verron G: 9590
Verroust PJ: 297
Verschelden G: 9591
Verska JJ: 9592
Verstappen FT: 9593–9599, 9597
Versteeg M: 2033
Verstraete M: 138, 1591, 1710, 2362, 8311, 9598–9606
Vesa VS: 6972–6973
Vesell ES: 365, 9965–9966
Veselova TV: 2082
Vesely V: 5596, 9607
Veser J: 9186
Vessby B: 7782, 9608–9609
Vesse M: 9610
Vesselinovitch D: 2769, 10017–10018
Vessman J: 157
Vestina NV: 4093, 8014
Vethamany S: 367
Vetner M: 1611
Vetrò A: 3446
Vetrova LP: 286
Vettore L: 9611–9612
Veyre A: 7245
Viadro SS: 9613
Viakina IG: 8560
Viala JJ: 2008
Vialatel C: 9614
Viallard G: 5258
Viallet JF: 997, 4289
Viallet P: 997
Vialushkina MD: 9615
Viamonte M Jr: 7107, 9616–9618
Viana E João Pires SP: 2043
Viano I: 7405
Viars P: 1742
Viaud JM: 5422
Vic-Dupont V: 9619
Vicary FR: 5744
Viceconte G: 6291
Viceconte GW: 6291
Vicente García V: 9620
Victery W: 7292
Victoreo L: 1622
Victoria EJ: 9621
Videbaek A: 1607
Videlov D: 7443
Vieira J: 2299
Vieira-Matos AN: 9622
Vieweg H: 9765
Vieweg WV: 152
Vigi V: 9623
Vij SK: 3833
Vijayan GP: 8372
Vikhriev BS: 9624
Vikrot O: 9755
Viktora L: 7155, 9625–9626
Viktorenko VG: 3158
Vila R: 9627
Vila V: 7531–7532, 9628
Viladés Juan E: 5220, 9629
Vilar Bonet J: 2960
Vilenskiĭ BS: 9630–9631
Vilianskiĭ MP: 9632
Villa P: 398
Villagra F: 5915–5916
Villaneuva GB: 9633
Villarreal-Rios A: 9856
Villaverde CA: 9634
Ville D: 2008
Vilpo JA: 9635
Vinarik EM: 9636
Vinazzer H: 5535–5536, 5536, 8676, 9637–9640
Vincens C: 4289
Vincent A: 5470
Vincent D: 8826
Vincent JE: 9641
Vincent NM: 9642
Vinograd-Finkel' FR: 70, 9643–9644
Vinot JM: 3191
Violand BN: 3255
Violi F: 473
Virág S: 5782
Viré JC: 9645
Virella G: 9646
Virgolini L: 2054
Vischer TL: 3020, 9647–9648, 9648
Vishnevskiĭ BI: 2495
Visković A: 5028, 5516
Viswanatha T: 1571
Vita A: 5758
Vithayathil PJ: 33
Vitković L: 9649–9650
Vitruk SK: 9651
Vitto A: 5170
Vittoria A: 3394
Vittoz P: 9652
Viukari M: 5489
Viurbakh G: 4777
Vivancos J: 3346
Vivancos Escobar J: 2037
Vivancos Escobar JA: 2036
Vizir AD: 9653
Vlach D: 7933
Vladimirov VG: 9654
Vlahos L: 9655
Vlahovitch B: 9656
Vlasenko MA: 5800
Vlasiuk VV: 9657
Vlasov LI: 9454
Vlasova EI: 7038
Vlasova IV: 952
Vlasses PH: 2840
Vlchek JK: 7156
Vliers A: 4300
Vlodavsky I: 9658
Vlooswijk HA: 6928
Voak D: 2243
Vodenicharov R: 9273
Vodičková L: 6040
Voevodin IuN: 4545
Vogel CL: 9659
Vogel F: 9660
Vogel G: 9661–9663
Vogel GE: 2826, 9664–9666
Vogel J: 8594
Vogel M: 3746
Vogel WH: 778
Vogel WM: 6624
Vogt A: 8092, 9667
Vogt K: 9678
Vogt V: 9668
Vögtlin J: 9669
Voiculescu G: 7386–7387
Voigt B: 8900, 8902, 9766
Voigt GC: 1972
Voigt H: 3538
Voigt K: 9670
Voigt U: 9754
Voigt WH: 8103
Voiosu R: 8869
Voisin C: 7563
Voĭtenok NN: 9671
Voke J: 5744
Vokova VI: 8648
Volanakis JE: 5560
Voleti C: 327
Voletti C: 2977
Volger E: 8123, 9672
Volini FI: 6394
Volk H: 2673
Volkolakov IaV: 9673
Volkov MS: 9674
Volkov VS: 9675
Volkov VV: 9676
Volkova LP: 196
Volkova RI: 5506
Volkova VI: 8647
Vollman RW: 4364
Vollmann H: 9231
Vollmar F: 1051–1054, 9677, 9961
Vollmar J: 2000, 5534, 9678
Voloboev NA: 4689, 9679
Volodina TV: 9680
Volodkina VV: 498

Volokhonskaia LI: 9570, 9681
Volova TN: 9682
Volpin G: 9683
Volta SD: 1219
Voltas J: 7108, 9620
Volter F: 5237
von Braun HH: 9684
von Bülow M: 1161
von dem Borne AE: 2464
von der Emde J: 9685
Von Der Lippe G: 9686–9687
von Drach H: 5769
von Felten A: 3185, 5094, 9688–9689
Vongsthongsri M: 8549
von Haam E: 402
von Hartitzsch B: 9690
Von Hoff DD: 5317
Von Holt C: 8864, 9216–9217
von Hospenthal J: 9691
von Hugo R: 3327, 3544, 9692
Vonka V: 5096
von Kaulla E: 9693
von Kaulla KN: 9693–9694
von Knorring L: 9695
von Koch L: 4634
Vonograd-Finkel' FR: 1279
von Schéele C: 4627
Von Schenck H: 9696
von Seebach A: 9697
von Seebach HB: 9697
von Sommoggy S: 2826, 3531
von Stedingk LV: 9702
von Voss H: 9698–9699
von Wichert P: 9700
Von Zabern I: 9701
von Zeipel G: 9702
Voorhies RM: 1658
Voorma HO: 9505
Voormann M: 8223
Voorting-Hawking M: 9703
Vopatová M: 648
Vopodin EE: 9704
Vorberg G: 9705
Vorburger C: 7661
Vorlová Z: 3969, 9706
Vorobel' AV: 5109
Vorobel'AV: 9718
Vorob'ev AA: 9707
Voronina IE: 4093
Voronina RG: 5804
Vortel V: 6727
Vos LJ: 2116
Vosbeck KD: 388
Vospel'nikova ND: 9708
Voss H: 7925
Vossepoel AM: 9946
Vostrikov IaSh: 7579–7580
Vovchuk SV: 5396, 9709
Vowles KD: 855
Voyles BA: 9710
Vozeh S: 3929
Vranckx R: 619, 621, 2305–2306
Vreeken J: 3675–3676, 9711
Vrejoiu G: 6148
Vries JK: 630
Vršanský D: 8508
VuBan A: 208
Vukas A: 9712
Vukovich T: 9713–9714
Vulimiri L: 9715
Vunnam RR: 3886
Vyas AK: 1007
Vyas BR: 646
Vybornykh SN: 9716–9717
Vye MV: 10278
Vygovskaia IaI: 9718
Vykoupil KF: 9169

W

Wachsman JT: 7767
Wachter E: 3898, 9237, 10084
Wackenheim A: 9719
Waclawczyk H: 9720
Wada H: 4831
Wade BF: 5983
Wade M: 3253
Wade PH: 1845
Wadeleux PA: 10000
Wadman B: 3939
Wadsö I: 6288–6290
Wadsworth JA: 8421
Waeckel M: 3442
Waelsch M: 2086
Wagener DJ: 9721
Wagenknecht LV: 9722
Waggoner WG: 5680
Wagner FW: 7373
Wagner G: 8900, 8902–8903, 9723, 9765–9766
Wagner HN Jr: 4795
Wagner KG: 9983–9984, 9984
Wagner L: 8226
Wagner M: 1295
Wagner O: 7243, 9724
Wagner RH: 1755, 4591
Wagner WD: 9725–9726
Wagstaff W: 1892
Wahed MA: 4011
Wahi PL: 3504
Wahlström B: 4609
Waibel P: 9727
Waigand J: 3830, 6419, 9728
Wainstock MA: 9729
Waite M: 9730
Waitzman MB: 9731
Wajcman H: 1095
Wakasugi K: 4671
Wake N: 8979–8982
Wakely J: 9732
Wakid NW: 6382
Waks SB: 5563
Walawender WP: 9733
Walbaum S: 2304
Wald SL: 9734
Waldbaum RS: 4087
Waldburger M: 3069
Walden R: 9735
Waldenström J: 390
Walder JA: 9736
Waldhausen JA: 6614
Waldman d: 6607
Waldmann R: 7901
Waldmann TA: 5889
Waldner DK: 9869
Waldo WJ: 3631
Waldvogel F: 9848
Waldvogel FA: 1832, 9737
Walewski W: 9257, 9738
Walford RL: 6485
Waligóra A: 3246
Waligora T: 2317
Waligóra Z: 3246
Walker A: 4052–4053, 9739
Walker DE: 9740
Walker EM: 9741
Walker GK: 9742
Walker GS: 7935
Walker I: 4046
Walker ID: 9743–9744, 9744–9745
Walker IH: 4947
Walker IR: 2937
Walker JM: 9746–9748
Walker JR: 8623
Walker MN: 6356
Walker PF: 1854
Walker PR: 7664
Walker RI: 8632, 9749
Walker-Simmons M: 9750
Wall DR: 3619
Wallace HW: 9751
Wallace R: 3430
Wallace S: 208
Wallace WA: 9752
Wallach RC: 9753
Wallén P: 9997
Wallenstein G: 9754
Wallentin L: 9755
Waller HD: 6582–6583
Wallin R: 9756
Wallner SF: 9757
Walsh AC: 9758
Walsh C: 9759
Walsh DA: 1445
Walsh KA: 210, 2846, 4646, 6600–6601
Walsh P: 1868
Walsh PC: 5922, 6087–6088
Walsh PN: 9760–9761
Walsh RT: 9762
Walsh SI: 9763
Walshe TM: 9764
Walsmann P: 8900–8903, 9765–9766
Walt AJ: 9767
Walter DS: 5179
Walter E: 218, 10270
Walter J: 9940
Walter R: 4859, 10165
Walters CP: 3891–3893
Walters RA: 3844
Waltman AC: 3645, 3647
Walton KW: 9768
Walz D: 6442, 9769
Walz DA: 9770–9771
Wamhoff D: 9772–9773
Wampler DE: 7611
Wan LS: 9898
Wand H: 9774
Wandall HH: 9775
Wandall JH: 9776
Wandtke JC: 9777
Wanet G: 9778
Wang H: 3150, 5658–5659
Wang HM: 1857
Wang JH: 9779
Wang LS: 2806
Wang M: 5145
Wang MK: 9780
Wang SS: 3223
Wang TT: 9781–9782
Wang TY: 9783–9784, 9784–9786
Wangel A: 9787
Wanger L: 3588
Wannenmacher M: 3746
Wanner H: 10213
Warbinek R: 3787
Ward AM: 9788
Ward AT: 9789
Ward CA: 9790
Ward DC: 9103
Ward G Jr: 2091
Ward J: 630
Ward JN: 9791
Ward JV: 9792
Ward K: 8856
Ward KA: 9793
Ward PA: 7744
Ward PE: 9794–9796
Ward RA: 9797
Ward RS: 7090
Ward RS Jr: 6736
Ward TF: 9798
Wardlaw SC: 1384
Wardle EN: 9799–9800, 9800
Waridel D: 5195
Warin RP: 7897, 9801
Waring WW: 9802
Warkany J: 9803
Warlin JF: 9574
Warlow C: 9804
Warlow CP: 9805
Warnatz H: 9806
Warner NL: 9807
Warner WL: 9808
Warnick R: 420
Warniez C: 9809
Warnock DF: 6
Warrell DA: 9810
Warren BA: 7807, 9811–9812
Warren L: 1250, 9813
Wasek MA: 3090
Washizu T: 4540
Washtien W: 9814
Wasi S: 6385
Wasiewski WW: 5933
Wasowicz B: 9815
Wasser E: 9816
Wasserman J: 921
Wasserman SI: 378
Wassom CE: 6218
Watada M: 6503, 10112
Watanabe A: 9143
Watanabe F: 9817
Watanabe H: 28, 9818–9820
Watanabe K: 7909, 9821
Watanabe N: 3672, 6493, 9822
Watanabe R: 6825
Watanabe T: 9823–9824, 9824–9826

Watanabe Y: 4115–4116, 4163, 4849, 5795
Watelet J: 9827
Waterbury L: 5790
Waterhouse BE: 2329
Waterman PG: 2670
Waters DA: 1365
Watkins BJ: 9810
Watkins WB: 9828
Watson C: 6790
Watson DA: 7458
Watson DK: 2388
Watson PB: 2689
Watson RC: 9829, 10100
Watson SJ: 737
Watson SW: 8931
Watt JJ: 4998
Watts C: 9830–9831
Watts GT: 4604
Waugh DF: 5480, 9832
Wauters JP: 3069
Wautier J: 9833
Wautier JL: 5324, 9834–9835
Wawersig R: 8223
Waxman B: 868
Way LW: 6379, 9836
Waymouth C: 5336, 9837
Wear JB Jr: 9838
Weatherbee JA: 9839
Weatherbee L: 141
Weathers WW: 8630, 9840
Weathersby PK: 9841
Weaver JB: 5
Weaver P: 1843
Webb MC: 3651
Webb W: 3786
Webb WW: 8111
Webber A: 4388
Webber M: 7963
Webber MM: 3436, 7292, 9842
Webber RG: 5610, 5712
Weber BH: 412
Weber E: 10270
Weber FJ: 2993
Weber G: 9843–9851
Weber I: 9848
Weber K: 3024–3025
Weber S: 7163
Weber TH: 5794
Weber U: 9849
Weber W: 1782, 2296
Webster WP: 1066, 3407, 5363
Wechsler AS: 7881, 9850
Weck PK: 9851
Wedel MK: 8715
Weder JK: 3991–3992, 3992
Wedner HJ: 363
Weed RI: 5124
Weeds AG: 9116, 9852
Wegener K: 9853
Wegenke JD: 7469
Weger N: 3
Wegmann R: 9854
Wegrzynowicz Z: 4800–4801, 10202
Wehnert J: 3303
Wei CH: 4085
Weidinger P: 7879–7880, 7880, 9855
Weidner WJ: 8760
Weihing RR: 9839
Weil R: 2857
Weil-Fugazza J: 966
Weiland AJ: 9856
Weiler G: 9857
Weill F: 6178, 9858–9859
Weill JP: 8215
Weily HS: 8769
Weinbach EC: 9860
Weinberg JB: 3831
Weinberg RM: 1722, 6150
Weiner JM: 2518
Weingarten J: 9861
Weinmann G: 9862
Weinstein GD: 4952
Weintraub AH: 9863
Weintraub DH: 176–177
Weintraub H: 3649, 9881
Weintraub LR: 9060
Weintraub MI: 8276
Weintraub S: 8763
Weinzierl M: 9864
Weir B: 9865
Weir DM: 6793
Weir EK: 6240, 9866
Weir GJ: 9867
Weisbrot IM: 9868–9869
Weischedel E: 219
Weisel ML: 6028
Weisenberg RC: 10191
Weisenburger DD: 9870
Weisert O: 4330
Weisgraber KH: 5764
Weisman M: 1396–1397
Weiss AJ: 9871
Weiss D: 9772
Weiss DL: 2230
Weiss E: 4435
Weiss HJ: 602, 8953, 9872–9873
Weiss L: 9874
Weiss M: 7246
Weiss RB: 2196
Weiss S: 2918–2919
Weiss Y: 3071
Weissbach G: 2206, 9875
Weissbach H: 6355
Weisse AB: 7530
Weissman J: 9876
Weitz J: 9228
Weitzel Y: 3337
Weitzman S: 9877
Wekerle H: 9878
Weksler BB: 2234, 6480, 9879
Welch CC: 9880
Welch E: 9777
Welch J: 9881
Welch MJ: 3664–3665, 4815, 5707, 9158, 9882
Welch TM: 9990–9991
Welfel L: 8999
Welinder KG: 9883–9884
Wellauer J: 6415
Weller P: 5545
Weller S: 3953
Wellman H: 7554
Wells PN: 9885
Welsh KI: 9886
Welti JJ: 3004
Wemeau L: 6041
Wende S: 6715, 9887
Wendel A: 7609
Wendlandt GM: 9888
Wendt F: 5755
Wendt P: 9889
Wendt V: 5331
Wengeler H: 9890
Wenger NK: 5841
Wentland SH: 1409, 9891
Wenz W: 9892
Wenzel E: 243, 4746
Wenzel FJ: 9867
Wenzel H: 8870
Werb Z: 9893
Werner C: 9894
Werner I: 9608
Werner RP: 8236
Werner U: 8313
Wernisch J: 1128
Wertheim MS: 3687, 3689
Wertz RK: 9895
Wesch H: 9853
Weseloh G: 4314
Wesemann W: 3527–3528, 3528
Wesenberg RL: 9896
Weser U: 7609
Wesley JR: 10064
Wessel P: 8064
Wessels M: 10158
Wessler S: 3145–3146, 9897–9904
West CD: 9903
West DW: 9904
West SB: 9194
West SE: 7936
West WH: 4587
Westaby D: 9905
Westaby S: 9200, 9907
Westcott JL: 2547
Westenthanner A: 5013
Wester J: 3940, 8551
Westerman EL: 8482
Westervelt FB Jr: 5527
Westgard JO: 5132
Westhof E: 7832
Westler B: 9906
Westmoreland N: 257
Weston MJ: 9907
Weston WL: 3691, 9908
Westover CJ: 1151
Wetherley-Mein G: 8530, 9179
Weupper KD: 1344
Wexler L: 8500
Weyde W: 4792
Whaley K: 9909
Whaley RA: 1783
Whang-Peng J: 9910
Wharton J: 4602
Whayne TF Jr: 9911
Wheat TE: 9912
Wheeler HB: 9913
Wheeler MH: 9914
Wheeler PG: 8496
Whelan TJ Jr: 487
Wheless CM: 3962
Whetzel NK: 3440
Whipple JP: 3357
Whisnant JP: 7172, 8165, 9915
Whitaker CL: 8078
Whitaker JR: 999
Whitaker KB: 9916
Whitcutt JM: 127
White AM: 1338
White EH: 9917
White F: 3369
White FH: 7971
White GC 2d: 9918, 10066–10067
White HL: 6649, 9919–9920
White J: 3065
White JC: 9921
White JG: 1813, 3061–3064, 3163, 3979, 7475, 9761, 9922
White JJ: 6046, 9923–9924
White N: 9925
White P: 1079, 7107
White R: 3806
White RF: 4037
White RI Jr: 4572
White RJ: 6876
White RP: 3546
White TJ: 9926
White TT: 139
Whiteaker RS: 549
Whitehead MI: 9927
Whitehouse FW: 9928
Whitfield JF: 7664
Whitlock JP Jr: 9929–9930
Whitlock RR: 9931
Whitman DE: 9932
Whitmore WF: 10100
Whitmore WF Jr: 9933
Whitney DG: 9934
Whitney SL: 1456
Whittier FC: 1843
Whur P: 9935–9936, 9936
Wiberg A: 9937
Wichert K: 7385
Wichmann A: 9938
Wick G: 3002
Wicki O: 6160
Wicklmayr M: 2151
Wicklymayr M: 2152
Wickner WT: 9939
Wicks JD: 9940
Wicks TC: 4360
Wickum M: 5530
Widestadh BM: 9941
Widimsky J: 9942
Widmer HU: 9943
Widmer LK: 9944
Wiebe T: 662
Więckiewicz J: 9945
Wieczorek Z: 8753
Wieczorkiewicz M: 10257
Wiederanders B: 957
Wiegman H: 9946
Wielogorski JW: 12
Wielosz M: 2025, 9947–9949
Wiernik PH: 93, 8077, 8079, 9950–9951
Wiersma AK: 7065
Wierzbicki R: 4955, 5492, 9952
Wiesel ML: 6029, 8147
Wieshahn GP: 9953

Wigand R: 9954
Wiggers KD: 4633
Wiggs C: 8231
Wightman DA: 6783
Wiglesworth CM: 1955
Wigley CB: 9955
Wiig JN: 9956
Wijngaards G: 6637, 9957–9959
Wik KO: 1407
Wilchek M: 1550, 9960
Wilcox BR: 8746
Wilcox GM: 4134
Wilcox WC: 4535
Wilde J: 8744, 9677, 9961–9962
Wildenhahn G: 3528
Wildenthal K: 6395, 9963
Wildevuur CR: 9964
Wildevuur-van Hamersveld C: 9964
Wilding G: 9965–9966
Wiley BB: 7728
Wilgis EF: 5609
Wilhelm K: 2591
Wilhelm R: 9967
Wilhelmi AE: 4928
Wilhelmi J: 6597
Wilhelmi ML: 8488
Wilhelmsson S: 9968
Wilimowska-Pelc A: 9995
Wilk J: 3375
Wilkens HJ: 2772
Wilkes SH: 9969
Wilkie BN: 5894
Wilkin GP: 8622
Wilkins KW Jr: 1755
Wilkins TD: 7936
Wilkinson DS: 9970
Wilkinson J: 9971
Wilkinson JH: 1390
Wilkinson M: 3182
Wilkinson S: 643
Wilkinson SP: 9972
Willcox HN: 7009
William-Olsson G: 743
Williams AR: 9973–9974
Williams B: 2462
Williams CH: 9975
Williams CJ: 9976
Williams DC: 9935–9936, 9936
Williams DE: 4999
Williams DF: 9977
Williams DT: 3522
Williams EH: 9385
Williams EW: 9219
Williams GL: 10088
Williams GR: 7050
Williams H: 9195
Williams HT: 1417
Williams IC: 9978
Williams JD: 2429
Williams JE: 9979
Williams L: 6442
Williams MC: 8813
Williams MF: 9980
Williams R: 1961, 3013, 5146, 5182, 8496, 9907, 9972
Williams RC: 7525
Williams RE: 7656
Williams RG: 4603
Williams RJ: 6107
Williams RM: 4655
Williams S: 10044
Williams TW Jr: 8482
Williams VJ: 9981
Williams VM: 9113–9114
Williams Y: 9195
Willman VL: 3434
Willmen HR: 9982
Willmitzer L: 937, 9983–9984, 9984
Willumsen L: 9985
Willvonseder R: 8584
Wilms H: 3567
Wilner GD: 1433
Wilson AC: 1408, 9926
Wilson C: 1814
Wilson CB: 9986
Wilson CM: 9987
Wilson DE: 9988–9989
Wilson EA: 1940
Wilson GB: 9990–9991
Wilson J: 8637
Wilson JD: 9987
Wilson JE: 10002
Wilson JE 3d: 2756, 8361, 9992
Wilson JE 3rd: 1349
Wilson KJ: 595
Wilson RB: 4145
Wilson RF: 8422, 9993
Wilson TC: 1606
Wilson WL: 825, 827, 9871
Wiltshaw E: 9994
Wilusz T: 9995
Wiman B: 9996–9998
Wimmer M: 5605
Winand J: 9999
Winand RJ: 10000
Winchester DP: 1398
Winchester JF: 10001
Winchester P: 1158, 9001
Winckler CF: 10002
Winckler M: 7702
Wincott E: 10003
Windelband J: 4803
Windle WF: 7152, 7403
Wine CR: 9385
Winestock DP: 8432
Winfield JB: 5527
Winfiled DA: 10004
Wingard LB Jr: 9460
Winiecki P: 6241
Wink K: 8117
Winkelmann RK: 9409
Winkler C: 834
Winkler R: 10005
Winn ML: 4716
Winograd J: 10006
Winograd Y: 5839
Winqvist L: 898
Wintch R: 10007
Winter CC: 6573
Winter CG: 5267
Winter FC: 2354
Winter PA: 4998
Winter WT: 314
Winterbauer RH: 10008
Winterbourn CC: 10009
Winterhoff U: 7546
Winters WD: 10010
Winton EF: 9659
Wintroub BU: 10011
Winzor DJ: 9136, 10012
Wirth FH: 6141, 9896
Wirth RK: 4915
Wirth W: 3914
Wirtzfeld A: 4991, 9162–9163
Wirz-Justice A: 7407, 10013
Wischin W: 4654
Wiseman LL: 10014–10015
Wiseman SH: 10016
Wish C: 1845
Wisnieski J: 7317
Wiśniewski K: 6278–6280, 6279–6280, 6282
Wisniewski S: 4716
Wisoff BG: 327
Wisoff G: 2977
Wissler RW: 2769, 10017–10018
Wissman S: 7554
Wistar R Jr: 7250
Wistow BW: 10019
Witchitz S: 10020–10021
Witek F: 4704
Witkiewicz W: 3382
Witkin EM: 10022
Witkop CJ: 3061, 3065
Witkowska M: 10023
Witt C: 10024
Witt I: 10025
Witte CL: 10026–10028
Witte DL: 7422
Witte L: 6542
Witte MH: 10026–10027
Wittinghofer A: 2988–2989, 3886
Wittman Liebold B: 9502
Wittmann-Liebold B: 3745, 3887, 5473, 9313, 9701, 10029–10030
Witts D: 2385
Witz JP: 3384
Witzel DA: 8767
Wlodarczyk J: 4496
Wöckel W: 6059
Woessner JF: 7984
Woessner JF Jr: 6304, 7985, 10031–10032
Wogalter H: 2097
Wohl H: 5391
Wohl RC: 10033
Wohltmann H: 3580
Wójcicki J: 10034
Wojskowicz J: 10035
Wójtowicz M: 10036
Wold F: 8236
Wold S: 9485
Wolf A: 10037
Wolf BA: 10038
Wolf BS: 10146
Wolf DP: 10039–10040, 10040
Wolf G: 4737, 6357, 10041–10042
Wolf GK: 10043
Wolf JE: 1922
Wolf P: 10044
Wolf RM: 8499
Wolfe SA: 10045
Wolfe WG: 4397, 7881, 9850
Wolfenstein-Todel C: 10046
Wolff B: 1719
Wolff G: 3740–3741
Wolff J: 3825
Wolff JH: 93
Wolff K: 8820
Wolff SM: 1794
Wolff WI: 3443
Wolff-Schreiner EC: 8820
Wolfman EF Jr: 7294
Wolfsdorf JI: 4657
Wolfson SL: 6126
Wolfstein L: 5839
Wolgemuth RL: 10224
Wolin LD: 1408
Wollenberger A: 4531
Wollert U: 1194
Wollin A: 10047
Wollny HK: 10048
Wolner E: 2202
Wolny M: 6720
Wolosowicz N: 7230
Wolowicka L: 10049
Wolpert SM: 4543
Wolska H: 5192–5193
Wolstenholme J: 10050
Wolter JR: 10051–10052
Wolthuis FH: 8624
Wong A: 6379
Wong J: 8803
Wong KP: 10053
Wong LT: 10054
Wong SC: 10055
Wood CB: 10056
Wood HG: 10057
Wood JK: 5712
Wood MG: 8209
Wood PD: 420
Wood S: 8890
Wood T: 2422
Wood WA: 9340
Wood WG: 1168, 9199
Woodburn RT: 10058
Woodford M: 3406
Woodhouse CR: 10059
Woodroof EA: 9111
Woods BP: 10060
Woods HF: 1064
Woods JE: 10061
Woods WR: 10062
Woodward CG: 10050
Woodward CK: 10063
Woolf IL: 5182
Woolfenden JM: 10026
Woolley MM: 10064
Wooten SK: 7684
Wootton JC: 1148
Worcel A: 2254
Work WP: 10065
Workman EF Jr: 10066–10067
Worlledge S: 3737
Wormsley KG: 2259, 2817
Wörner H: 10068
Wörner P: 7047–7048, 7048
Worowski K: 8571, 10069–10070
Worthington KJ: 10071

Wos JD: 5526
Woscoff A: 10072
Wosilait WD: 4537
Woźniak M: 10073
Wraight EP: 2775
Wray CH: 10074
Wray RC Jr: 6380
Wray W: 4954
Wretlind A: 3448
Wriedt-Lübbe I: 906, 3530, 8104
Wright C: 6450
Wright CS: 5443
Wright G: 10075
Wright GP: 6113
Wright HT: 10076
Wright IG: 1010, 10077
Wright J: 10078
Wright JA: 1481
Wright JK: 10079
Wright JR: 5463, 10080
Wu C: 8609
Wu JY: 2863
Wu KK: 528, 531, 3894–3895, 10081
Wu NC: 6687
Wu P: 7512
Wu SM: 10082
Wudl L: 3521
wuepper KD: 3691, 5982
Wulfert E: 10083
Wulfsberg E: 5298
Wulur FH: 6437
Wunderer G: 10084–10085
Wurster K: 8216
Wurzinger L: 7624
Wussow S: 10086
Wustrack KO: 7071
Wüthrich B: 6392, 10087
Wüthrich K: 3822, 7604, 9723
Wutzler P: 8717
Wyatt LL: 1116
Wyatt RJ: 737, 6449, 6451–6452
Wyers F: 8321
Wyman AC: 5649
Wymenga JH: 2116
Wynalda MA: 2685
Wynne JM: 10088
Wyroba E: 10089
Wysocka K: 10090
Wyss G: 10091

Y

Yabu H: 5999
Yabuki M: 4116
Yacobi A: 5144, 8578, 10092–10097
Yaffe H: 10098
Yagi K: 10099
Yagishita K: 4137
Yagoda A: 10100
Yaguchi M: 6606
Yahara I: 8111
Yahini JH: 6956
Yajima H: 4841
Yakar D: 10101
Yam LT: 10002
Yamada H: 3998, 10103
Yamada K: 3878, 6061
Yamada KM: 10102
Yamada M: 4110, 10103
Yamada S: 10104
Yamada T: 10105
Yamada Y: 1508, 10106–10107
Yamadori E: 106
Yamagata S: 10108
Yamaguchi H: 8121, 10103, 10109
Yamaguchi K: 8003
Yamaguchi T: 10110
Yamaguchi Y: 5093
Yamakawa Y: 8002
Yamamoto H: 6801, 8000
Yamamoto J: 10111
Yamamoto K: 10112–10113
Yamamoto M: 9040, 10113–10115
Yamamoto S: 10166
Yamamura Y: 6673, 9393
Yamana H: 3883
Yamanaka H: 7908
Yamanaka M: 10116
Yamane H: 9035, 9038
Yamanishi T: 6217
Yamasaki K: 10117
Yamasaki M: 1508
Yamasaki N: 10118
Yamasaki S: 63
Yamashima T: 4161
Yamashiro D: 2214
Yamashita M: 3923
Yamashita T: 9350, 10119
Yamato M: 10120–10122
Yamato S: 4721
Yamazaki A: 10123
Yamazaki H: 7976
Yamazaki K: 276
Yamazaki S: 3670, 10124
Yamazaki Y: 276
Yanagawa R: 3958
Yanagishima N: 8430
Yanai I: 9877
Yanaihara N: 10125
Yanatori Y: 2848
Yang CS: 10126
Yang FY: 6924
Yang HY: 10127
Yang JP: 7413
Yang L: 4399
Yang MW: 4885
Yanguas JJ: 7738
Yankee R: 10128
Yannitsiotis A: 10129
Yano S: 9393
Yao JS: 1997
Yardimci TU: 10130
Yarigin VN: 7707
Yarmala JA: 8694
Yarnell PR: 10131
Yaron A: 10132
Yaron I: 10133
Yaron M: 10133
Yarovaya GA: 10134
Yasin R: 10135
Yasuda H: 10136
Yasuda J: 5978
Yasujima M: 8296
Yasukochi Y: 10137
Yasukouchi T: 10138
Yasumi T: 8917
Yasumoto K: 6815
Yasunaga K: 5993, 10139–10141
Yasunobu KT: 9080
Yates AJ: 10142
Yates SG: 2179
Yaw P: 3180
Yazima K: 4177
Yeagle PL: 10143
Yeatman GW: 10144
Yee S: 5728
Yefenof E: 10145
Yeh CJ: 9646
Yeh HC: 10146
Yeh L: 2805
Yeh SD: 2743
Yelenosky R: 9110
Yellin AE: 2983
Yen JT: 10147
Yen SH: 5451
Yen TT: 10148
Ygge J: 10149
Yin ET: 10150
Yip DK: 4554
Yipintsoi T: 518
Ylikahri R: 6653
Yoch DC: 9080
Yoda B: 8036
Yoda K: 6531
Yoda Y: 10151
Yokoe N: 4887
Yokosawa H: 10152–10154
Yokoyama K: 7999
Yokoyama M: 5039
Yokoyama MM: 5863
Yokoyama T: 4489, 4825–4826
Yonas H: 6876
Yonce LR: 10155
Yong NK: 3083
Yorifuji T: 10156
Yorke AJ: 10157
Yorke CH Jr: 9986
Yoshiaki K: 8979–8982
Yoshida A: 10158
Yoshida C: 10159
Yoshida K: 2849, 10160
Yoshida LU: 3238
Yoshida M: 10161
Yoshida N: 6670, 10162–10163
Yoshida T: 6819, 9027
Yoshida Y: 5036, 5952, 9395
Yoshii Y: 10164
Yoshikawa D: 9296
Yoshikawa M: 5067, 10159
Yoshikawa T: 4887
Yoshiki T: 9391
Yoshimoto T: 6667, 10165–10166
Yoshinaga K: 8296
Yoshinaka Y: 10167
Yoshino H: 10168
Yoshino M: 6541, 6819
Yoshioka A: 10169
Yoshioka K: 10169
Yoshitomi H: 3309
Yoshmine N: 5115
Yost FJ Jr: 3688
Yotis W: 10170
Youinou P: 10171–10172
Young AE: 10173
Young DF: 10174
Young G: 8886
Young HJ: 630
Young JG: 1686
Young JR: 10175
Young KR Jr: 7285
Young LG: 2711
Young MR: 10176
Young N: 2442
Young RA: 10177
Younger RK: 10178
Younoszai MK: 10179
Yount WJ: 909, 4047, 7557
Yovchuk SV: 497
Yrios JW: 10180
Yu E: 2112
Yu SD: 10181
Yu SK: 10182
Yu SM: 5526
Yue RH: 10183–10184, 10184
Yuen E: 8909
Yukawa H: 8003
Yukaya H: 6492
Yung WL: 1585
Yung YP: 10185
Yunis AA: 10186
Yunis EJ: 6697
Yurewicz EC: 10266
Yurieva GYu: 5052
Yurt RW: 10187–10188

Z

Zabin I: 1104, 2749
Zabinski MP: 2582
Zaccaria A: 7837
Zacharski LR: 10189–10190
Zackroff RV: 10191
Zacks DJ: 6167
Zadjelović J: 9245
Zador G: 10192
Zaentz SD: 10193
Zaets TL: 10194
Zafarzai MZ: 9112
Zagrebina VA: 10195
Zahavi J: 5877, 10196–10197
Zahler WL: 7284, 10198
Zahm JM: 7404
Zahn RK: 6427
Záhoř Z: 10199
Zahradnik HP: 10200
Zaichkin EI: 6587
Zaikova MV: 10201
Zajdel M: 4800, 10202
Zajgner J: 10203
Zajtchuk R: 1713, 10204
Zák K: 9401
Zakashanskii IG: 10205
Zakeli V: 10206
Zakharchenko LP: 10207
Zakhariev Ts: 442

Zakharov MM: 10208
Zakin MM: 10209
Zakirov UB: 10210
Zakhakov KI: 10211
Zakrzewski J: 5407
Zaks AS: 10212
Zakuth V: 8708
Zala L: 10213
Zalabák V: 1499
Zalewski PD: 2719
Zalik SE: 7970
Zalin AM: 10214–10215
Zallen RD: 1861
Zamboni L: 7019
Zambotti F: 7188
Zaminian TS: 6785
Zammarchi E: 10216
Zana J: 10217
Zanardi R: 2875, 7618
Zander J: 3326, 10218
Zander R: 8127
Zanelli JM: 7020
Zaner L: 3910
Zaneveld LJ: 7282
Zannini G: 5281, 10219
Zanon RD: 3140
Zanoni G: 10220–10221
Zanussi GF: 1029
Zapol WM: 926, 10222
Zarándy B: 4613
Zarco P: 3121
Zarnowski J: 4165
Zaroslinski JF: 6782
Zaslavskaia RM: 10223
Zassenhaus PH: 10224
Zătreanu I: 8252
Zatz LM: 5929
Zauber NP: 10225
Zava DT: 10226
Zavadskii AV: 10227
Zavala DC: 10228
Zavalishin VM: 1019
Zavernaia AM: 1926
Zavod R: 7803
Zav'yalov VP: 10229–10230
Zawilska K: 10231
Zaynoun S: 2753
Zaynoun ST: 10232
Zazykina MS: 3247
Zbinden G: 7448
Zborovskii AB: 10233
Zdansky G: 1815
Zeigler MG: 7523
Zeilig CE: 3212
Zeilinger G: 2090
Zeis PM: 330
Zeitlin IJ: 2557, 2764
Zekert F: 4854, 10234
Zelefsky MN: 10235
Zelenin RP: 10236
Zeleznik AJ: 2092
Zelikovski A: 10237
Zelinskii BA: 10238
Zelis RF: 2034
Zeller DE: 10239
Zeller EA: 10240
Zellerman G: 6878
Zeman RK: 10241
Zemlianitskaia EP: 8426
Zemskov EM: 9707
Zemskov IuA: 2494
Zeppa R: 4079, 6866
Zerbini EJ: 3238, 7408
Zernov NG: 10242
Zerubavel R: 7963
Zervos N: 9067
Zesch A: 10243
Zetter BR: 10244–10245
Zevely S: 5614
Zharhary D: 10246–10247
Zharova EA: 6566–6567
Zhdakova IN: 8678
Zhdanova LI: 935
Zhdanova LV: 10248
Zheltova ET: 4140
Zhenchevskii RA: 10249
Zhikharev SS: 10250
Zhilin IuN: 4479
Zhirnov GF: 287
Zhitnikova ES: 5434–5435
Zhivoderov VM: 10251
Zhukova IuV: 57
Zhuraev TZh: 7588
Zhuravlev AG: 9654
Zhuravlev II: 10252
Zhuravlev VA: 2476, 8363, 8411
Zhurkin AT: 7347
Zhurova MV: 9226
Zhvakina LI: 9657
Zhvanetskaia MI: 4578
Ziablitskii VM: 10253
Ziaja K: 9257
Ziangirova GG: 7301
Ziberstein B: 10254
Ziboh VA: 720
Ziebell WC: 10255
Zieboll L: 10271
Ziegler EE: 10179
Ziegler EJ: 1125
Ziegler F: 8756
Ziegler HK: 10256
Ziegler J: 9910
Ziegler MG: 5153–5154
Ziel R: 5021
Zieleński J: 4941
Zielinski JJ: 10257
Zieliński T: 10258
Zielinsky A: 10259
Ziętkiewicz W: 1270
Ziff M: 4723, 10117
Zighelboim J: 2303
Zijlstra FJ: 9641
Zil'ber AP: 10260
Zilcher H: 4455
Zilkens KW: 243
Zilkha E: 9179
Zillinsky FJ: 588
Zilly W: 10261
Zilversmit DB: 1776–1777, 5970, 7771, 10262–10263
Zimbler S: 10264
Zimmerman M: 10265–10266
Zimmerman NJ: 9751
Zimmerman RA: 2194–2195, 4731
Zimmerman RD: 10267
Zimmerman TS: 4766, 7786, 10268
Zimmermann E: 2389–2390
Zimmermann I: 4166, 9406
Zimmermann O: 10269
Zimmermann R: 10270–10271
Zimmermann WE: 7165
Zimmon DS: 6308
Zinder O: 6083
Zingg E: 8261
Zingg W: 9790
Zingheim M: 7411
Zini R: 10272
Zink GL: 3870
Zinkevich OD: 7327, 10286
Zinkiewicz Z: 10273–10274
Zinner M: 3128
Zinner MJ: 3512
Zinner SH: 4550
Zinnev SH: 10275
Zipperle G: 3389
Zipprich B: 607
Ziprian H: 597
Zipser D: 6163
Zirkin BR: 10276
Zita G: 706
Zitman D: 8301
Ziuzenkov MV: 6016
Zivelin A: 7481
Zizic TM: 4567
Zižková B: 4538
Zjewski Z: 3338
Zmuda A: 3471–3472, 3472
Zmyslowski WP: 10277
Zocco J: 3375
Zöckler CE: 8872
Zodelava MM: 4946
Zoellner JL: 1396–1397
Zoes C: 10278
Zola-Slęczek E: 10279
Zolin VF: 10280
Zolla L: 184
Zöller H: 10281–10282
Zolotarev II: 7425
Zolotov NN: 125
Zolotova TA: 610
Zolotow Z: 2311
Zolotukhin NA: 10283
Zolotukhin SI: 4209, 4678
Zoni G: 6261
Zorina NP: 10284
Zornoza G: 7108
Zotov IuV: 9398
Zoubková M: 9625
Zowmir O: 6720
Zozulia IS: 5702
Zsdánszky C: 7229, 10285
Zubac Z: 1107
Zubairov DM: 7327, 9232, 10286
Zubarev RP: 10287
Zubatov AS: 451–452
Zubekhina LI: 10288
Zuberman BZ: 1027
Zucchetto M: 3132
Zuccoli P: 10289
Zuch A: 10290–10291
Zuck TF: 1768, 10292
Zucker M: 3244
Zucker MB: 1989, 7418, 10293–10294
Zucker ML: 10295
Zucker RM: 6687
Zucker-Franklin D: 5398, 10296–10297
Zuckerman L: 1395, 1398, 1687, 3556
Zuech N: 4274
Zuelzer WW: 4666, 10298
Züger M: 3764
Zuinen C: 10299
Zülch KJ: 10300
Zulli E: 244
Zulnauf M: 8323
Zumel M: 10301
Zurabian SA: 10302
Zurier RB: 10303
Zurro Hernández J: 7741
Zusmer NR: 8485
ZuWallack RL: 10304
Zuzel M: 6612
Zvantseva VA: 10305
Zwaal RF: 1512, 10306
Zytkiewicz B: 9120
Zytkovicz TH: 10307

*U.S. GOVERNMENT PRINTING OFFICE : 1978 722-890/966

UNIVERSITY OF ILLINOIS-URBANA
3 0112 064854885

DHEW Publication No. (NIH) 78-921